

Effective: May 2010

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BALDOR • RELIANCE®

BALDOR • DODGE®

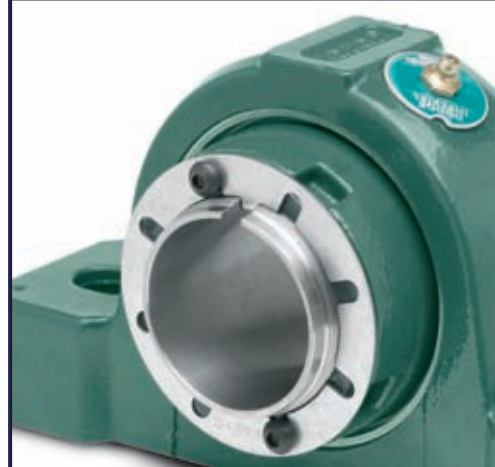
European Stock Product Catalog

Motors & Drives

Bearings & Power Transmission

Servo & Motion Control

BALDOR®



www.baldor.com
www.baldor.eu

NEMA Premium Required in USA



YOUR SOURCE OF INFORMATION ON NEW EISA STANDARDS

If you are concerned about the responsibility in complying with the soon to be mandated EISA Energy act motor efficiency laws, rest assured that Baldor has all the answers. Baldor's Super E[®] motors exceed NEMA Premium[®] efficiency ratings that become law in 2010.

YOUR PARTNER FOR NEMA MOTORS

The source for NEMA motors in Europe, look no further than Baldor – the World's number one NEMA motor manufacturer. We have the largest stock of NEMA AC and DC motors in Europe.

YOUR SOURCE FOR ALL NEMA PRODUCTS

Baldor products are also available certified for use in hazardous and corrosive environments. Baldor manufactures the industry's widest range of AC and DC motors, gearmotors and controllers, but, if your requirements are more exact, we will design and build it to your specification.

- Unmatched Quality
- Superior Reliability
- Quickest Delivery Available
- Energy Efficient
- EISA Compliant
- Custom Motors

www.baldor.eu/nema

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AC Motors

As the leading motor manufacturer in the USA, Baldor-Reliance motors cover many different applications and industries, and lead the way in energy efficiency. Our range goes from sub-fractional motors through to 11,000kW. We offer an extensive stock list of products within the USA, as well as a subset of stock motors for the European market.

Custom motors are available on quick turnaround and can typically be built to order and ready to ship within 10 working days.

The following provides an overview of our motor capabilities.

For full details of our complete range of AC industrial motors and drives contact your local Baldor representative, see our 501 catalog or visit www.baldor.com



Super-E® Premium Efficient Motors

- NEMA Premium® or higher efficiencies
- EISA legislation 2010 compliant
- Single and three Phase
- 0.37 - 375 kW (1/2 - 500 hp)
- Enclosures: TEFC, TENV, ODP
- Foot and face mount
- NEMA and IEC low and medium voltage
- Explosion Proof motors
- Brake motors



Severe Duty Motors

- TEFC and TENV - Super-E® - XT/XEX - ECP - IEEE 841/661
- 0.25 - 375kW (1/3 - 500 hp), IEEE: 0.37 - 187kW (1/2 - 250 hp)
- Cast iron frames
- Inverter capable on specified models
- EPAct, NEMA Premium® efficiencies
- IEEE 841/661 – Inpro/Seal® fan and drive end shafts
- 187kW (250 hp) US stock; to 375kW (500 hp) custom



Large AC Motors

- 200 - 11,000kW (250 - 15,000 hp)
- NEMA or IEC specifications
- 460 through 13,800 volts
- API 541 or 547 available
- Anti-friction or sleeve bearings
- Through 1,100kW US stock



All-Stainless Washdown Duty Motors

- Three phase
- 0.37 - 15kW (1/2 - 20 hp)
- Enclosures: TEFC and TENV
- C-Face with or without base
- Labyrinth seals
- EPAct and Super-E® Efficiency
- IEC Ratings Available



RPM AC Inverter Duty Vector Performance Motors

- IEC and NEMA frames
- 0.25 - 750kW (1/3 - 1,000 hp) stock (USA)
- IP55, IP23 and TEFC, TENV, TEBC, DPG-FV, Division 2
- Continuous constant torque to zero speed
- Compact, power dense, low inertia designs
- Permanent magnet (PM) designs available for higher efficiencies
- Extruder duty DPG-FV & Winder duty
- Encoder ready: Encoder and stub shaft kits available
- Laminated steel frame construction



Hazardous location motors - fixed and variable frequency

- ATEX – Zone 1 & 2
 - 0.75 – 225kW (1 - 300 hp)
 - 112 - 280 frames (182T-449T)
- Division 1 / Zone 1 Class I & II
 - 1/4 - 800 hp
 - 48 - 5810 frames
- Division 2 / Zone 2 Class I & II
 - 1 - 5000 hp
 - 48 - 9500 frames
- MSHA



Commercial Duty motors

- Single and three phase
- 0.18 – 2.25kW (1/4 - 3 hp)
- Enclosures: Open, TEAO, TENV and TEFC
- Foot, face mount, torsion flex, and pedestal



IEC, 50 Hz Metric-E Premium Efficient Motors

- Premium Efficient IE2 & IE3 per IEC 60034-30.
- 2.2 through 670 kW Cast Iron Frames.
- Premium ISR wire, Inverter ready
- IP 55 (TEFC), Cast Iron frames
- ATEX compliant versions available
- Stock to 375 kW (in USA)



Custom Motors

- Custom enclosures and mounting configurations
- Custom windings, phases, volts, frequencies and protection types.
- Custom bearings types and protection
- Custom shaft length, type and profile
- Custom paint or finish
- Short leadtime

4 through 200kW IEC D112 through D315

Applications: Pumps, Compressors, Fans, Conveyors and other general purpose three phase applications needing the highest efficiency motors.

Features: Baldor's new Super-E cast iron motors exceed efficiencies required for the new IEC 60034-30 "IE3" level as well as complying with Australia MEPS AS/NZS 1359.5:2005 "High Efficiency". Motors are also rated for use on 460 volts, 60 Hz and will comply with the NEMA Premium® efficiency requirements for sale in the US. These new Super-E motors are completely metric, right down to the last bolt and nut. Like all Baldor motors, the Super-E motors feature ISR® (Inverter Spike Resistant)® magnet wire and phase insulation to ensure long life when used on inverter power supplies. Additionally, Super-E motors receive a corona inception test for additional reliability when operated by inverters. Suitable for mounting in any position. Cast iron frame, endplates, terminal box and fan cover. All metric hardware and terminal strip in F2 terminal box Re-greasing provisions and thermistors on 11kW (D160 frame) and larger. IP 55 protection. CE, UL and CSA compliant.



SUPER-E® METRIC IEC MOTOR

IE3 EFFICIENCY LEVEL PER IEC 60034-30

kW/Hp	RPM	IEC Frame (b)	Catalog No.	Mult. Sym.	"L" Dim.(mm)	Aprx. Wt. (Kg)	Full Load Efficiency (a)	Voltage	Full Load Amps
4/5	3000	D112M	EM11042-57	L1	535	48	89.3	230/400	7
	1500	D112M	EM11044-57	L1	-	25	89.9	230/400	8.5
5.5/7.5	3000	D132S	EM13062-58	L1	645	35	90.1	400	10
	1500	D132S	EM13064-58	L1	645	37	90.7	400	10.4
7.5/10	3000	D132S	EM13082-58	L1	645	41	90.9	400	13.4
	1500	D132M	EM13084-58	L1	645	41	91.5	400	14.2
11/15	3000	D160M	EM16112-58 (b)	L1	832	128	92.4	400	20.3
	1500	D160M	EM16114-58 (b)	L1	832	130	92.4	400	20.5
15/20	3000	D160M	EM16152-58 (b)	L1	832	133	93	400	26
	1500	D160L	EM16154-58 (b)	L1	832	143	93	400	27.5
18.5/25	3000	D160L	EM16192-58 (b)	L1	832	141	93	400	32
	1500	D180M	EM18194-58 (b)	L1	973	208	93.6	400	33.5
22/30	3000	D180M	EM18222-58 (b)	L1	973	202	93.3	400	38.5
	1500	D180L	EM18224-58 (b)	L1	973	205	93.6	400	43.5
30/40	3000	D200M	EM20302-58 (b)	L1	1043	276	93.9	400	51.5
	1500	D200L	EM20304-58 (b)	L1	1043	276	94.2	400	54.7
37/50	3000	D200M	EM20372-58 (b)	L1	1043	287	94.2	400	63.8
	1500	D225M	EM22374-58 (b)	L1	1150	167	94.5	400	67.4
45/60	3000	D225S	EM22452-58 (b)	L1	1108	370	94.6	400	77.8
	1500	D225M	EM22454-58 (b)	L1	1150	367	94.8	400	79.7
55/75	3000	D250S	EM25552-58 (b)	L1	1285	499	94.9	400	92.2
	1500	D250M	EM25554-58 (b)	L1	1285	538	95	400	95.5
75/100	3000	D280S	EM28752-58 (b)	L1	1456	574	95.4	400	130
	1500	D250M	EM25754-58 (b)	L1	1285	258	95.5	400	135
90/125	3000	D280S	EM28902-58 (b)	L1	1456	645	95.5	400	151
	1500	D280M	EM28904-58 (b)	L1	1504	661	95.7	400	158
110/150	3000	D315S	EM31112-58 (b)	L1	1626	723	95.8	400	193
	1500	D315M	EM31114-58 (b)	L1	1585	844	96	400	192
132/177	3000	D315S	EM31132-58 (b)	L1	1585	755	96.1	400	226
	1500	D315M	EM31134-58 (b)	L1	1626	844	96.1	400	231
160/215	3000	D315S	EM31162-58 (b)	L1	—	1,025	96.1	400	269
	1500	D315M	EM31164-58 (b)	L1	—	1,000	96.3	400	286
200/268	3000	D315M	EM31202-58 (b)	L1	—	1,190	96.1	400	337
	1500	D315M	EM31204-58 (b)	L1	—	1,160	96.3	400	351

(a) Efficiency per IEC 60034-2-1.

(b) Includes 3 winding thermistors.

Motors are available from our USA stock

All Cast iron frame

4 through 200kW IEC D112 through D315



Applications: Pumps, Compressors, Fans, Conveyors and other general purpose three phase applications needing only IE2 normal efficiency motors

Features: Baldor's new Metric-E cast iron motors exceed efficiencies required for the new IEC 60034-30 "IE2" level as well as complying with Australia MEPS AS/NZS 1359.5-2005. Motors are also rated for use on 460 volts, 60 Hz and will comply with the NEMA EPAct efficiency requirements for sale in the US. These new Metric-E motors are completely metric, right down to the last bolt and nut. Like all Baldor motors, the Super-E motors feature ISR® (Inverter Spike Resistant)® magnet wire and phase insulation to ensure long life when used on inverter power supplies. Suitable for mounting in any position. Cast iron frame, endplates, terminal box and fan cover. All metric hardware and terminal strip in F2 terminal box Re-greasing provisions and thermistors on 11kW (D160 frame) and larger. IP 55 protection. CE, UL and CSA compliant.

METRIC-E IEC MOTOR

IE2 EFFICIENCY LEVEL PER IEC 60034-30

kW/Hp	RPM	IEC Frame (b)	Catalog No.	Mult. Sym.	"L" Dim.(mm)	Aprx. Wt. (Kg)	Full Load Efficiency (a)	Voltage	Full Load Amps
4/5	3000	D112M	M11042-57	L1	535	44	87.6	230/400	7.1
	1500	D112M	M11044-57	L1	623	51	88.5	230/400	8
5.5/7.5	3000	D132S	M13062-58	L1	645	76	88.5	400	10.2
	1500	D132S	M13064-58	L1	645	81	89.2	400	10.6
7.5/10	3000	D132S	M13082-58	L1	645	90	89.5	400	13.6
	1500	D132M	M13084-58	L1	645	89	90.1	400	14.4
11/15	3000	D160M	M16112-58 (b)	L1	832	128	91.7	400	20.3
	1500	D160M	M16114-58 (b)	L1	832	130	92.4	400	21.8
15/20	3000	D160M	M16152-58 (b)	L1	832	133	91.3	400	26.3
	1500	D160L	M16154-58 (b)	L1	832	143	92.4	400	27.8
18.5/25	3000	D160L	M16192-58 (b)	L1	832	141	91.8	400	33
	1500	D180M	M18194-58 (b)	L1	973	198	92.4	400	37.8
22/30	3000	D180M	M18222-58 (b)	L1	973	92	92.2	400	37.9
	1500	D180L	M18224-58 (b)	L1	973	213	93.2	400	42.5
30/40	3000	D200M	M20302-58 (b)	L1	1043	284	92.9	400	52
	1500	D200L	M20304-58 (b)	L1	1043	276	94.1	400	52.6
37/50	3000	D200M	M20372-58 (b)	L1	1043	329	93.3	400	64.4
	1500	D225M	M22374-58 (b)	L1	1150	367	94.1	400	72.5
45/60	3000	D225S	M22452-58 (b)	L1	1108	367	94.1	400	76.5
	1500	D225M	M22454-58 (b)	L1	1150	367	94.5	400	85.5
55/75	3000	D250S	M25552-58 (b)	L1	1285	488	94.1	400	93.5
	1500	D250M	M25554-58 (b)	L1	1285	545	94.5	400	94.5
75/100	3000	D280S	M28752-58 (b)	L1	1285	658	94.6	400	131
	1500	D250M	M25754-58 (b)	L1	1285	570	95.4	400	128
90/125	3000	D280S	M28902-58 (b)	L1	1461	579	94.8	400	152
	1500	D280M	M28904-58 (b)	L1	1504	661	95.4	400	158
110/150	3000	D315S	M31112-58 (b)	L1	1585	648	95.1	400	194
	1500	D315M	M31114-58 (b)	L1	1626	844	95.4	400	195
132/177	3000	D315S	M31132-58 (b)	L1	1585	915	95.4	400	228
	1500	D315M	M31134-58 (b)	L1	1626	844	95.5	400	235
160/215	3000	D315S	M31162-58 (b)	L1	—	433	95.5	400	271
	1500	D315M	M31164-58 (b)	L1	—	422	95.7	400	288
200/268	3000	D315M	M31202-58 (b)	L1	—	503	95.5	400	339
	1500	D315M	M31204-58 (b)	L1	—	490	95.7	400	353

(a) Efficiency per IEC 60034-2-1.

(b) Includes 3 winding thermistors.

Motors are available from our USA stock

All Cast iron frame

0,37 through 1,5kW IEC D80 through D90

Applications: Food processing, packaging, outdoor and highly corrosive environments



Features: Baldor's new Super-E IP66 protected, Stainless Steel motors exceed efficiencies required for the new IEC 60034-30 "IE3" level as well as complying with Australia MEPS AS/NZS 1359.5-2005 "High Efficiency. Class F insulated motor with a 1.15 service factor that operates within class B temperature limits at rated power. All external surfaces are 300 series stainless steel; motor frame, endplates, terminal box, shaft and base. Moisture resistant 300° C, ISR® (Inverter Spike Resistant) magnet wire. Hydrophobic aspiration system eliminates condensation from inside the motor. End plates are O ring sealed. Terminal box is welded to motor frame. Patented bearing seal to protect bearings inside and out. Epoxy encapsulation prevents any moisture from reaching the windings and windings to terminal box. Nameplate info is laser etched onto the motor body. IE3 efficiency level and 3 year warranty.

SSE STAINLESS SUPER-E® METRIC IEC MOTOR

IE3 EFFICIENCY LEVEL PER IEC 60034-30

kW/Hp	RPM	IEC Frame	Enclosure	Catalog No.	Mult. Sym.	"C" Dim. (mm)	Aprx. Wt. (Kg)	Full Load Efficiency (b)	Voltage (a)	Full Load Amps
B14, C-Face, Foot Mounted										
1.1/1.5	1500	D90C	IP66	CSSEWDM90114C-57	WD	365	11	88.5	240/380-415	2.5
1.5/2	1500	D90C	IP66	CSSEWDM90154C-57	WD	400	11	88.5	240/380-415	3.2
B5, Flange, Footless										
0.37/0.5	1500	80NV	IP66	VSSEWDM80044D-57	WD	277	21	80	240/380-415	0.8
0.55/0.75	1500	80NV	IP66	VSSEWDM80064D-57	WD	302	23	81.5	240/380-415	1.2
0.75/1	1500	80NV	IP66	VSSEWDM80084D-57	WD	-	25	75.5	240/380-415	1.9
1.1/1.5	1500	90FC	IP66	VSSEWDM90114D-57	WD	-	28	85.9	240/380-415	2.3

(a) Voltage @ 50 Hz, usable on 460 Volt 60 Hz.

(b) Full load amps @ 400 volt nominal - 50 Hz.



Three Phase, Totally Enclosed, C-Face, Foot Mounted

Applications: Pumps, fans, conveyors, machine tools, gear reducers and other applications requiring a NEMA C-face motor

Features: Suitable for mounting in any position. Ball bearings, heavy-gauge steel and cast-iron frames, and gasketed conduit boxes. Class F insulation, 1.15 service factor, low-loss electrical grade lamination steel. EM Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Motors with TR suffix have roller bearings for heavy belted loads.

Stocked in Europe.

Power Hp	RPM	NEMA Frame	Enclosure	Catalog No.	Mult. Sym.	"C" Dim. (in)	Aprx. Wt. (Kg)	FL Efficiency	Voltage	Full Load Amps
3600 RPM										
0.33	3600	56C	TENV	CNM3457	K	11.07	14.1	80	230/460	0.6
0.5	3600	56C	TEFC	CM3537	K	11.35	9.5	68	230/460	1
0.75	3600	56C	TEFC	CM3541	K	11.35	10	74	230/460	1.3
1	3600	56C	TEFC	CEM3545	K	12.25	15.4	84	230/460	1.4
1.5	3600	143TC	TEFC	CEM3583T	L1	13.05	25.9	85.5	208-230/460	2
2	3600	145TC	TEFC	CEM3586T	L1	13.05	29.1	86.5	208-230/460	2.5
3	3600	182TC	TEFC	CEM3660T	L1	16	45.4	89.5	230/460	3.5
5	3600	184TC	TEFC	CEM3663T	L1	16	48.6	90.2	230/460	5.7
7.5	3600	213TC	TEFC	CEM3769T	L1	19.2	81.7	91	230/460	8.7
10	3600	215TC	TEFC	CEM3771T	L1	19.2	89.4	91.7	230/460	11.2
15	3600	254TC	TEFC	CEM2394T	L1	23.66	129.4	91.7	230/460	17.2
20	3600	256TC	TEFC	CEM4106T	L1	23.32	122.6	90.2	208-230/460	23
25	3600	284TSC	TEFC	CEM4107T	L1	24.57	163.9	91	230/460	28
30	3600	286TS	TEFC	EM4108T	L1	24.59	178	93	230/460	33
40	3600	324TS	TEFC	EM4109T	L1	28.78	227.9	93.6	230/460	45
50	3600	326TS	TEFC	EM4114T	L1	28.9	262.4	94.1	230/460	54
60	3600	364TS	TEFC	EM4310T	L1	30.72	370.5	94.1	230/460	68
75	3600	365TS	TEFC	EM4313T	L1	30.72	398.6	94.5	230/460	83
100	3600	405TS	TEFC	ECP4402T-4	SD	34.22	442.2	94.5	460	108
125	3600	444TS	TEFC	ECP4412T-4	SD	40.5	676	94.5	460	138
150	3600	445TS	TEFC	ECP4413T-4	SD	40.5	681.5	94.5	460	168
200	3600	447TS	TEFC	ECP4416T-4	SD	44	779.1	95	460	220
1800 RPM										
0.25	1800	56C	TENV	CNM3454/35	K	10.44	1.8	68	208-230/460	0.4
0.33	1800	56C	TEFC	CM3534	LS	11.35	10	68	230/460	0.8
0.5	1800	56C	TEFC	CM3538	LS	11.35	10.4	74	230/460	1
0.75	1800	56C	TEFC	CM3542	LS	11.35	11.8	75.5	208-230/460	1.5
1	1800	143TC	TEFC	CEM3581T	L1	13.05	25.4	87.5	208-230/460	1.5
1.5	1800	145TC	TEFC	CEM3584T	L1	13.05	25.9	85.5	208-230/460	2
2	1800	145TC	TEFC	CEM3587T	L1	13.05	29.1	88.5	208-230/460	2.7
3	1800	182TC	TEFC	CEM3661T	L1	16	44.5	89.5	230/460	4
5	1800	184TC	TEFC	CEM3665T	L1	16	48.6	90.2	230/460	5.7
7.5	1800	213TC	TEFC	CEM3770T	L1	19.2	79.5	91.7	230/460	9.5
10	1800	215TC	TEFC	CEM3774T	L1	19.2	104.9	92.4	230/460	12.5
15	1800	254TC	TEFC	CEM2333T	L1	23.66	115.8	92.4	230/460	18.5
20	1800	256TC	TEFC	CEM2334T	L1	23.66	129.8	93	230/460	24

Shaded Catalog No's are stocked in Europe

AC Motors
DC Motors & Drives
AC Drives
Gearing
Bearings
Couplings
Motion Control
Servo Drives
Servo/Motion Accessories
AC Servo Motors
Info.

Power Hp	RPM	NEMA Frame	Enclosure	Catalog No.	Mult. Sym.	"C" Dim. (in)	Aprx. Wt. (Kg)	FL Efficiency	Voltage	Full Load Amps
25	1800	284TC	TEFC	CEM4103T	L1	27.76	178.4	93.6	230/460	30
30	1800	286TC	TEFC	CEM4104T	L1	27.76	198.4	94.1	230/460	36
40	1800	324TC	TEFC	CEM4110T	L1	30.28	278.8	94.5	230/460	46
50	1800	326TC	TEFC	CEM4115T	L1	30.28	292.8	94.5	230/460	57
60	1800	364TC	TEFC	CEM4314T	L1	32.84	370.5	95	230/460	69
75	1800	365TC	TEFC	CEM4316T	L1	32.84	413.6	95.4	230/460	84
100	1800	405TC	TEFC	CEM4400T	L1	38.06	540.7	95.4	230/460	109
125	1800	444T	TEFC	EM4410T-4	LS	44.24	657.8	95.4	460	139
150	1800	445T	TEFC	EM4406T-4	LS	44.24	759.1	95.8	460	165
200	1800	447T	TEFC	EM4407TR-4	L1	48.4	851.3	96.2	460	221

Shaded Catalog No's are stocked in Europe

C-Face kits for field conversion

NEMA Frame	Catalog Number
360T	K36G2
400T	K40G2



Three Phase, Totally Enclosed, C-Face

Applications: Pumps, compressors, fans, conveyors, machine tools and other general purpose three phase applications.

Features: Suitable for mounting in any position. Ball bearings, heavy-gauge steel and cast-iron frames, and gasketed conduit boxes. Class F insulation, 1.15 service factor, low-loss electrical grade lamination steel. EM Super-E® motors have NEMA Premium® efficiency and 3 year warranty. Motors with TR suffix have roller bearings for heavy belted loads.

C Face - 2 pole 3 phase 230/460V 60Hz 1.15 Service Factor TEFC

Hp	RPM at 60hz	Voltage	Nema Frame	Catalog No.	"C" Dim (1) (in)	Baldor Type	Frame	FL Efficiency	Weight kg
1/3	3450	230/460	56C	KM3457	11.35	3410M	48	72	9.0
1/2	3450	230/460	56C	VM3537	11.35	3410M	48	68	8.6
3/4	3450	230/460	56C	VM3541	11.35	3413M	56	74	9.5
1	3450	230/460	56C	VM3545	11.35	3416M	56	75.5	10.5
1	3450	230/460	143TC	VM3550T	12.04	3424M	143	82.5	16.8
2	3450	230/460	143TC	VM3555T	12.92	3528M	145	84	19.5
3	3460	230/460	145TC	VM3559T	13.31	3528M	145	85.5	28.2
5	3450	230/460	184TC	VM3613T	16.55	3628M	184	87.5	33.2
7 1/2	3450	230/460	184TC	VM3616T	18.05	3640M	184	88.5	40.5
10	3500	230/460	215TC	VM3711T	18.64	3735M	215	89.5	57.3
15	3450	230/460	215TC	VM3713T	19.77	3744M	215	90.2	76.4
20	3450	230/460	256TC	VM4106T	20.33	0750M	256	90.2	118.2
25	3510	230/460	284TSC	VM4107T	26.39	1032M	284	91	164.1
30	3510	230/460	286TSC	VM4108T	26.39	1038M	286	91	173.6

C Face - 4 pole 3 phase 230/460V 60Hz 1.15 Service Factor TEFC

Hp	RPM at 60hz	Voltage	Nema Frame	Catalog No.	"C" Dim (1) (in)	Baldor Type	Frame	FL Efficiency	Weight kg
1/4	1725	230/460	56C	KM3454	11.35	3410M	48	64	8.2
1/3	1725	230/460	56C	VM3534	11.35	3413M	56	68	9.5
1/2	1725	230/460	56C	VM3538	11.35	3416M	56	74	10.0
3/4	1725	230/460	56C	VM3542	11.35	3420M	56	75.5	11.8
1	1725	230/460	56C	VM3546	12.00	3426M	56	78.5	14.1
1	1740	230/460	143TC	VM3546T	12.06	3426M	143	82.5	16.4
1 1/2	1740	230/460	145TC	VM3554T	12.31	3520M	145	84	18.6
2	1740	230/460	145TC	VM3558T	13.31	3528M	145	84	20.5
3	1750	230/460	182TC	VM3611T	15.18	3535M	182	87.5	30.9
5	1750	230/460	184TC	VM3615T	16.55	3634M	184	87.5	35.9
7 1/2	1760	230/460	213TC	VM3710T	18.65	3729M	213	89.5	58.6
10	1760	230/460	215TC	VM3714T	19.77	0750M	215	89.5	85.0
15	1760	230/460	254TC	VM2333T	20.33	0744M	254	91	110.9
20	1760	230/460	256TC	VM2334T	23.66	0938M	256	91	122.3
25	1760	230/460	284TC	VM4103T	27.76	1034M	284	92.4	180.0
30	1760	230/460	286TC	VM4104T	27.76	1040M	286	92.4	196.8

(1) Dimension "C" is nominal length and all other nominal dimensions are specified against frame size in the NEMA quick reference chart on page 109

Shaded Catalog No's are stocked in Europe

DC Motors & Drives

Baldor manufactures a very wide range of permanent magnet and wound field DC industrial motors from 15W to 550kW. The following overview covers a selection of our full range.

All Baldor DC motors are covered by applicable UL, CSA and CE approvals and a warranty you would expect from a World-Class manufacturer.

For full details of our complete range of DC industrial motors and controls contact your local Baldor representative, see our 501 catalog or visit www.baldor.com



General Purpose

In addition to the stock IEC frame models in this catalogue, Baldor have an extensive range of NEMA frame 90 or 180 VDC motors including permanent magnet designs up to 3.7kW and wound field designs through to 550kW.

Most designs allow a tachometer to be added for closed loop applications.

Applications:

- Conveyors
- Extruders
- Winders
- Printing presses
- Metering pumps
- etc.



Washdown

Permanent magnet DC motors are available with a choice for standard painted, stainless steel and paint-free finishes. They may be paired with our BCWD140 Washdown DC SCR control.

Applications:

- Conveyors
- Packing equipment
- Food industry and other adjustable speed uses requiring high pressure hosedown
- etc.



Explosion Proof

Permanent Magnet DC Motors are available for 0.18kW to 1.5kW and wound field motors of 0.37kW to 2.25kW for Class I, Group D and Class II, Group F & G locations with listing by both UL and CSA.

Applications:

- Conveyors and mixers in hazardous locations
- Other adjustable speed uses requiring explosion proof motors
- etc.



Power Motors

Baldor Power Motors are designed for fixed-speed operation from a generator or battery power supply. These are 20% compound-wound motors.

Applications:

- Cranes
- Hoists
- Conveyors
- Augers
- etc.



Integral Tachometer

Baldor's complete range of integral tachometer motors also extends to NEMA frame motors. Its compact design fits into many locations where a conventional motor won't fit.

Applications:

- Precision metering
- Pumps
- Tensioning
- etc.



Lifting magnet motors

Baldor Lifting Magnet Generators provide power for lifting electromagnets used in scrap and bulk metal handling facilities. Horizontal motors may be driven from the diesel engine or the motors with C-faces may be coupled to the PTO drive of the crane.



Gearmotors

Baldor offers a range of DC permanent magnet gearmotors in both right angle and parallel shaft configurations.

Applications:

- Conveyors
- Medical and laboratory equipment,
- Printing presses
- Commercial ovens
- Machine tools and other applications requiring adjustable speed
- etc.



B5 Flange

Metric Flange Permanent Magnet SCR Drive Motor

Applications: Conveyors, mixers, packaging machinery

Features: C-Face or metric flange per IEC 60072-1 Standards. Bolt on non-metric base. Class F insulation. Tach adaptable except type 15kW. 20:1 constant torque speed range.

IEC frame, 180 VDC permanent magnet, B5 flange mount, B3 base

Motor power kW	Base speed RPM	IEC Frame size	Catalog No.	Mult. Sym.	Body No.	Body style (a)	Full load A	Length 'L' mm (b)	Aprx. Wt. (Kg)
0.15	1800	D63D	VP7424D†	DS	135S	IP54	1.1	**	**
0.18	1750	D71D	VP3311D	K	3320P	IP54	1.25	321	13.6
0.18	1750	D71D	VP3411D	K	3410P	IP54	1.4	330	13.6
0.25	1750	D71D	VP3316D	K	3327P	IP54	1.6	345	14.5
0.25	1750	D71D	VP3416D	K	3413P	IP54	1.6	330	14.5
0.25	3000	D71D	VP3418D	K	3413P	IP54	2.2	330	14.5
0.37	1750	D71D	VP3326D	K	3336P	IP54	2.5	389	14.5
0.37	1750	D71D	VP3426D	K	3420P	IP54	2.5	397	20.4
0.37	3000	D71D	VP3428D	K	3416P	IP54	2.5	330	16.7
0.56	1750	D80D	VP3436D	K	3428P	IP54	3.7	397	21.8
0.56	3000	D80D	VP3439D	K	3420P	IP54	3.6	397	20.4
0.75	1750	D80D	VP3455D	K	3435P	IP54	5.0	419	24
0.75	3000	D80D	VP3458D	K	3428P	IP54	5.1	397	21.8
1.1	1750	D90D	VP3575D	K	3536P	IP54	7.7	440	34.5
1.1	3000	D90D	VP3468D	L1	3432P	IP54	8.5	419	23.6
1.5	1750	D90D	VP3585D	L1	3548P	IP54	9.6	481	38
1.5	3000	D90D	VP3588D	L1	3536P	IP54	10.0	440	34.5
2.2	1750	D112D	VP3603D*	L1	3649P	IP54	14.0	643	58.5
3.7	1750	D112D	VP3605D*	L1	3681P	IP54	24.5	643	77

B14 face mount, B3 base

Motor power kW	Base speed RPM	IEC Frame size	Catalog No.	Mult. Sym.	Body No.	Body style (a)	Full load A	Length 'L' mm (b)	Aprx. Wt. (Kg)
0.15	1800	D63C	VP7424-14†	DS	1955	IP54	1.1	**	**
0.18	1750	D71C	VP3411-14	K	3410P	IP54	1.25	310	13.6
0.25	1750	D71C	VP3416-14	K	3413P	IP54	1.6	310	14
0.37	1750	D71C	VP3426-14	K	3420P	IP54	2.5	348	16.8
0.37	3000	D71C	VP3428-14	K	3416P	IP54	2.5	330	16.7
0.56	1750	D80C	VP3436-14	K	3428P	IP54	3.7	362	19
0.56	3000	D80C	VP3439-14	K	3420P	IP54	3.6	348	16.8
0.75	1750	D80C	VP3455-14	K	3435P	IP54	5.0	384	23.6
0.75	3000	D80C	VP3458-14	K	3428P	IP54	5.1	362	19
1.1	1750	D90C	VP3575-14	K	3435P	IP54	7.7	384	23.6
1.1	3000	D80C	VP3468-14	L1	3536P	IP54	8.5	444	33.1
1.5	1750	D90C	VP3585-14	L1	3548P	IP54	9.6	475	36.7
1.5	3000	D90C	VP3588-14	L1	3536P	IP54	10	444	33.1

Shaded Catalog No's are stocked in Europe

(a) TENV/TEFC: totally enclosed non-ventilated/totally enclosed fan-cooled

(b) Length and all nominal dimensions are specified against frame size in IEC quick reference chart on page 108

† Does not conform to IP54 if base removed

* Base is non-removable

** Mechanical details available on request



- B3 foot, B5 flange and B14 face mountings available
- Stainless steel shafts and hardware
- Corrosion resistant rotor
- Extra protection provides moisture resistant windings
- Special epoxy paint gives five times more corrosion resistance
- Withstands ASTM, B117 salt spray test for over 500 hours
- FDA approved
- Other voltages available
- Motors may be mounted in any orientation

IEC frame, 180 VDC washdown permanent magnet, IP66

Motor power kW	Base speed RPM	IEC Frame size	Catalog No.	Mult. Sym.	Body No.	Full load A	Length 'L' mm (a)	Aprx. Wt. (Kg)
IEC B14 face mounting								
0.25	1750	D71C	VPWD3416-14	K	3413P	1.6	330	14
0.37	1750	D71C	VPWD3426-14	K	3420P	2.5	397	16.8
0.75	1750	D80C	VPWD3455-14	K	3435P	5	419	19
IEC B5 flange mounting								
0.25	1750	D71D	VPWD3416D	K	3413P	1.7	330	14
0.37	1750	D71D	VPWD3426D	K	3420P	2.25	397	16.8
0.75	1750	D80D	VPWD3455D	K	3435P	5	419	24

These motors are identical to the B5 face- or B14 flange-mounting DC permanent magnet motors described earlier with the exception of weight, which is noted in the table.

IEC FRAME, DC SHUNT WOUND MOTORS MOTORS



- B3 foot, B5 flange and B14 face mountings available
- IP54 protection
- Continuous duty
- Class F insulation
- 20:1 speed range with constant torque
- 1750 RPM (3000 RPM versions available on lead time)
- Rated for thyristor drives

IEC frame, 180VDC Armature, 200/100 VDC field, shunt wound, IP54

Motor power kW	Base speed RPM	IEC Frame size	Catalog No.	Mult. Sym.	Body No.	Armature full load A	Field full load A	Length 'L' mm (a)	Aprx. Wt. (Kg)
0.18	1750	D71D	VD3426D	K	3413D	1.3	0.25	335	11
0.25	1750	D71D	VD3434D	K	3413D	1.9	0.25	335	11
0.37	1750	D71D	VD3451D	K	3420D	2.6	0.25	373	13.2
0.56	1750	D80D	VD3476D	K	3428D	3	0.3	380	16
0.75	1750	D80D	VD5318D	K	3535D	5	0.3	500	23.5
1.1	1750	D112D	VD6215D	K	3636D	7.8	0.4	437	42
1.5	1750	D112D	VD6202D	K	3646D	11	0.5	528	48
2.2	1750	D132D	VD7503D	K	7544D	14.5	0.4	569	75

(a) Length and all nominal dimensions are specified against frame size in IEC quick reference chart on page 108

Shaded Catalog No's are stocked in Europe

Kits for IEC permanent magnet and shunt wound motors

BTG1000 series tachos's

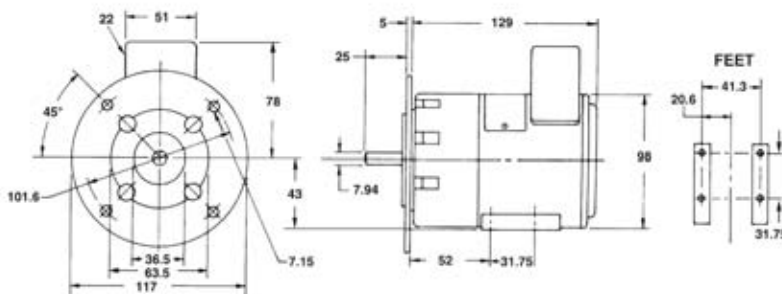
- Life lubricated and sealed ball bearings
- Flange or foot mounting
- Permanent magnet fields
- Silver graphite brushes for long life and best performance

This tacho may be retrofitted to Baldor permanent magnet or shunt wound motors using the appropriate kit. The tacho generator supplies a DC voltage that is proportional to the motor rpm, and the polarity is changed with the direction of rotation. This type is both suitable for regulation within a very wide range of armature speeds, and for 4-quadrant control. It also has the advantage of generating a very low ripple-voltage, which results in good regulation at low motor rpm.



BTG 1000 tacho - specification and nominal dimensions

Specification	BTG1000
Voltage Gradient (V/1000rpm)	50
RMS Ripple	8%
Maximum Speed (rpm)	5000
Maximum Current (mA)	400
Armature Resistance - ohms (at 25°C)	52
Armature Inductance (mH)	124
Armature Inertia (kg.cm ²)	1.175
Maximum Terminal Voltage (VDC)	250
Reversing Error	2%
Shaft Diameter (mm)	7.94
Mounting Spigot Diameter (mm)	63.5
Mounting Holes (mm) & PCD	4 @ 101.6
Weight approx'. (kg)	2.7



BTG 1000 tacho - mounting kits

Motor Body No.	Tacho Catalog No.	Mult. Sym.
33xxP	TK3300	A8
34xxD or P	TK3400	A8
35xxD or P	TK3500	A8
36xxD	TK3600	A8
36xxP	TK3600PM	A8
75xx	TK7500	A8

Shaded Catalog No's are stocked in Europe

For TEFC DC motors to 5.5kW. The kit to mount the tacho generator consists of a fan cover, shaft extension, and tacho adaptor bracket with miscellaneous hardware to connect these parts. Once the kit is in place all that is required to drive the tacho generator is a coupling between the motor shaft and tacho generator shaft. This coupling is supplied with the mounting kit. Use the adjacent cross reference of Motor Body No. to select the appropriate kit.



Applications: Conveyors, mixers, packaging machinery.

Features: NEMA C-face with removable base. Tach adaptable. Class F insulation, double sealed ball bearings. 20:1 constant torque speed range. UL and CSA recognized. 1/4 - 1/2 Hp motors are TENV, all others are TEFC. No dual mounting base holes on 1/4 - 1/2 Hp

NEMA frame, 90 & 180 VDC, permanent magnet

Motor power		Base speed	NEMA Frame size	Catalog No.	Mult. Sym.	Body No.	Body style (a)	Voltage	Full load	"C" Length (in)	Aprx. Wgt. (Kg)
kW	Hp	RPM						VDC	A	(b)	
0.05	0.06	1725	**	AP233021	DS	30AB-0 (d)	TENV	180	0.4	**	**
0.09	0.13	1725	**	AP7401 (c)	DS	74AP-0 (d)	TENV	90	1.3	**	**
0.09	0.13	1725	**	AP7421 (c)	DS	74AP-0 (d)	TENV	180	0.7	**	**
0.18	0.25	3450	**	AP7402 (c)	DS	74AP-0 (d)	TENV	90	2.6	**	**
0.18	0.25	3450	**	AP7422 (c)	DS	74AP-0 (d)	TENV	180	1.3	**	**
0.25	0.33	1750	56C	CDP3320	K	3327P	TENV	90	3.2	13.19	12.3
0.25	0.33	1750	56C	CDP3316	K	3327P	TENV	180	1.6	13.19	12.3
0.37	0.5	1750	56C	CDP3330	K	3336P	TENV	90	4.8	14.94	14.5
0.37	0.5	1750	56C	CDP3326	K	3336P	TENV	180	2.5	14.94	14.5
0.56	0.75	1750	56C	CDP3440	K	3428P	TEFC	90	7.0	14.59	17.3
0.56	0.75	1750	56C	CDP3436	K	3428P	TEFC	180	3.7	14.59	17.3
0.75	1.0	1750	56C	CDP3445	K	3435P	TEFC	90	10.0	15.46	20
0.75	1.0	1750	56C	CDP3455	K	3435P	TEFC	180	5.0	15.46	20
1.5	2.0	1750	145TC	CDP3585	L1	3548P	TEFC	180	9.6	17.38	33.7

(a) TENV/TEFC: totally enclosed non-ventilated/totally enclosed fan-cooled

(b) Length and all nominal dimensions are specified against frame size in NEMA quick reference chart on page 109

(c) Does not conform if base removed

(d) Made to Imperial dimensions, but does not conform to NEMA

** Mechanical details available on request

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Applications: Conveyors, medical and laboratory equipment, printing presses, commercial ovens, machine tools and other applications requiring adjustable speed.

Features: DCPM motor provides exceptional starting torque, adjustable speed, and predictable operating conditions. Ball bearing on output for smooth torque transmission and increased radial load capacity. High strength bronze gearing, hardened and ground worm for quiet operation. High performance low friction, bidirectional motor seals. Factory lubricated with synthetic oil. Internal oil expansion chamber allows for all position mounting without relocating a breather vent.

DC Permanent Magnet Gearmotors

Input Motor Hp	Output Base Speed	Gear Ratio	Max. Safe Torque In. Lbs.	Catalog No. (a)	Mult. Sym.	Ap'x. Shpg. Wgt. (kg)	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature
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Foot Mount

1/8	30	58:1	120	GP7404	DS	6.3	2424P-JK	90	1.30
	38	45:1	100	GP7403	DS	6.3	2424P-JK	90	1.30
	52	33:1	75	GP7402	DS	6.3	2424P-JK	90	1.30
	75	22.5:1	60	GP7401	DS	6.3	2424P-JK	90	1.30
	173	11:1	32	GP7400	DS	6.3	2424P-JK	90	1.30
1/5	50	45:1	120	GP7408	DS	6.3	2428P-JK	90	2.20
	68	33:1	112	GP7405	DS	6.3	2428P-JK	90	2.40
1/4	76	45:1	100	GP7407	DS	6.3	2428P-JK	90	2.60
	104	33:1	75	GP7406	DS	6.3	2428P-JK	90	2.60
	314	8:1	32	GP7413	DS	6.3	2428P-JK	90	2.60

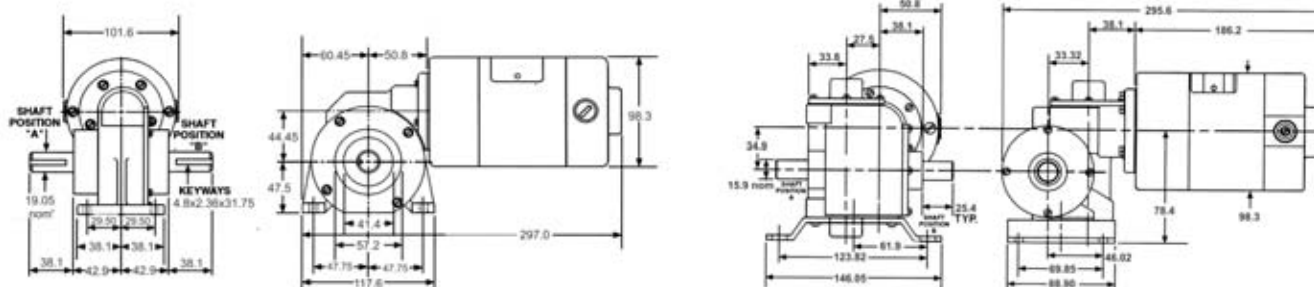
Foot Mount

1/8	30	58:1	120	GP7424	DS	6.3	2420P-JK	180	0.64
	38	45:1	100	GP7423	DS	6.3	2420P-JK	180	0.64
	52	33:1	75	GP7422	DS	6.3	2420P-JK	180	0.64
	78	22.5:1	60	GP7421	DS	6.3	2420P-JK	180	0.64
	173	11:1	32	GP7420	DS	6.3	2420P-JK	180	0.65
1/5	50	45:1	120	GP7428	DS	6.3	2428P-JK	180	1.10
	68	45:1	135	GP7425	DS	6.3	2428P-JK	180	1.30
1/4	76	45:1	100	GP7427	DS	6.3	2428P-JK	180	1.30
	104	33:1	75	GP7426	DS	6.3	2428P-JK	180	1.30
	314	11:1	32	GP7433	DS	6.3	2428P-JK	180	1.30

Foot Mount

1/3	48	50:1	150	GP2507	DS	11.3	2532P-JH	90	3.36
	62	40:1	137	GP2506	DS	11.3	2532P-JH	90	3.36
	123	20:1	95	GP2503	DS	11.3	2532P-JH	90	3.36
	245	10:1	65	GP2501	DS	11.3	2532P-JH	90	3.36
	50	50:1	234	GP3307	DS	15.7	3327P-JH	90	5.00
1/2	63	40:1	215	GP3306	DS	15.7	3327P-JH	90	5.00
	125	20:1	145	GP3303	DS	15.7	3327P-JH	90	5.00
	250	10:1	100	GP3301	DS	15.7	3327P-JH	90	5.00

Shaded Catalog No's are stocked in Europe



All dimensions in mm

(a) Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.



Applications: Conveyors, medical and laboratory equipment, printing presses, commercial ovens, machine tools and many other applications requiring adjustable speed.

Features: Induction hardened helical gears for added strength. Ball and needle-bearing construction for improved torque capacity. Factory lubricated for life, no maintenance required. PSL is face mounted with industry standard dimensions. An optional bolt on base is available for foot mounting.

Parallel shaft gearmotors, 180 VDC

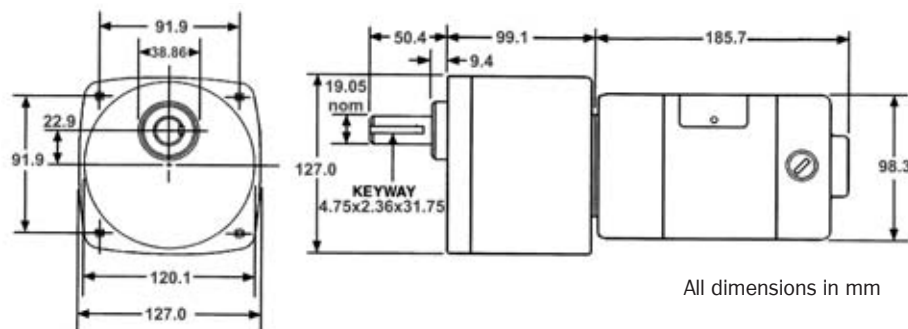
Motor input power kW	Output base speed RPM	Gear ratio	Max. safe torque Nm	Catalog No.	Mult. Sym.	Body No.	Full load current A	Armature resistance W	Inertia kg cm ²	Overhung load kg	Axial load kg	Weight kg
0.18	14	180:1	38.4	GPP7478	DS	74-PSL-0	0.9	14	3.17	90.9	18.2	8.2
0.18	21	120:1	33.9	GPP7477	DS	74-PSL-0	0.6	14	3.17	90.9	18.2	8.2
0.18	42	60:1	30.5	GPP7476	DS	74-PSL-0	1.1	14	3.17	90.9	18.2	7.2
0.18	62	40:1	20.33	GPP7475	DS	74-PSL-0	1.2	14	3.17	90.9	18.2	7.2
0.18	83	30:1	15.25	GPP7474	DS	74-PSL-0	1.1	14	3.17	90.9	18.2	7.2
0.18	125	20:1	10.17	GPP7473	DS	74-PSL-0	1.2	14	3.17	90.9	18.2	7.2
0.18	165	15:1	7.34	GPP7472	DS	74-PSL-0	1.0	14	3.17	54.5	18.2	7.2
0.18	250	10:1	5.08	GPP7471	DS	74-PSL-0	1.2	14	3.17	27.2	18.2	7.2
0.18	500	5:1	2.8	GPP7470	DS	74-PSL-0	1.26	14	3.17	27.2	18.2	7.2

"B" Steel foot mount.

"L" Type Mounting Bracket

Bolts to bottom of PSM gearbox

To mount PSL gearmotors. Securely mounts to gear face in 90° locations for floor, wall or ceiling mount.



All dimensions in mm

DC motors - spare brushes, capacitors and spring assemblies

When calling for spare parts, please find the part numbers you require by using the table below.

All Baldor motors in this catalog require one brush kit except for VD7503D which requires two.



Motor No.	Brush kit	Holder	Brush caps	Motor No.	Brush kit	Holder	Brush caps
AP3021	BP5066P01SP	BBR1100SP	BP4530	VD6202D-15D	BP5125A01SP	Spring assy. BP2000A01SP	-
AP7421-22	BP5052BP01SP	BP4529		VD7503D	BP5002A02SP	Spring assy. BP2002A01SP	-
BTG1000	BP5060BD02SP	BP4517		VP3311D-26D	BP5011AB01SP	Spring assy. BP5012A04SP	-
CDP3316	BP5011AB01SP	Spring assy. BP5012A04SP	BP4515SP	VP3411D-68D	BP5000AW14SP	BP5201A11SP	BP4511A01SP
CDP3320	BP5011T01SP			VP3575D-88D	BP5000T15SP	BP5201A14SP	
CDP3326	BP5011AB01SP			VP3603D	BP5031A01SP	Spring assy. BP5030	
CDP3330	BP5011T01SP			VP3605D	BP5027A01SP	Spring assy. BP5028	-
CDP3411-36	BP5000AW14SP	BP5201A11SP	BP4530	VP7424D	BP5052BP01SP	BP4529	BP4530
CDP3440-45	BP5000BK08SP			VPWD3426D-85D	BP5000AW14SP	BP5201A11SP	BP4511A01SP
CDP3455	BP5000AW14SP			GPP7470-79	BP5052BP01SP	BP4529	BP4530
CDP3575-85	BP5000T15SP			GP233020-29	BP5060BF02SP	BP4517	BP4515SP
VD3426D-76D	BP5000H03SP	BP5201A10SP	BP4509A01SP	GP7420-33	BP5052BN01SP	BP4529	BP4530
VD5318D	BP5000T07SP	BP5201A14SP	BP4511A01SP				

Shaded Catalog No's are stocked in Europe

BC 140 Standalone Drive & BC 142 Chassis Mounted OEM Drive



Applications: General Purpose industrial use with Permanent magnet or shunt wound DC motors

Features:

- Full wave SCR control with free wheeling diode (NEMA type K)
- Field power supply allows use with shunt wound DC motors as well as permanent magnet motors
- Adjustable accel, decel, current limit, IR comp, min and max speed
- Current limit indicating LED
- 5K speed pot for speed control
- Anti-demag circuit protects PM motors and helps protect the SCR power bridge against direct shorts
- Noise rejection circuit eliminates false starts and blown SCR's
- UL and cUL recognised
- Washdown version of BC140 available from stock

BC140: A ready to use single-quadrant SCR drive, provided in a compact wall-or panel-mounting IP30 enclosure. The drive is optimised for motors using the appropriate plug-in resistors (see table below). The correct line and armature fuses are provided with this resistor, ensuring safe, reliable operation. The drive may be used with 115 or 230VAC mains for 90 or 180V DC motors, and features adjustable acceleration/deceleration, MOV transient protection, IR compensation, high-speed anti-demagnetisation, and current limiting circuitry; the latter function includes an indicating LED.

Approved by UL and CSA, the unit is also fully CE compliant when operated with an add-on powerline filter.

BC142: This is a variant of the BC140 drive, provided in the form of a low-cost chassis-mounting module for OEM and repair applications. It offers all the circuitry features of the BC140 drive above, but can control a higher 2.25kW, 230V load when used with an optional heatsink (ref. BC143). It also includes a built-in tach feedback facility.

Hp Range	Catalog No.	Mult. Sym.	Aprox Wgt. (Kg)	Input Voltage
1/100-2 (a)	BC140	E9	1.5	115/230
1/100-3 (b)	BC142	E9	1	230

(a) 1 Hp at 115V and 2 Hp at 230V requires BC143 heatsink kit

(b) 1-1.5 Hp at 115 Volts and 2-3 Hp at 230 Volts, requires BC143 Heatsink kit.

Plug-in horsepower resistor and fuse kits for BC140 and BC 142



Choose the resistor and armature fuse needed to configure the drive power by selecting the appropriate armature voltage and power row from the table below, for your motor. The price of these is included in the BC140 and BC142 list price and is ordered by the catalogue number shown in the tab

Motor power (kW)		Required resistor Ω	Motor current A (approx'.)	Armature fuse A (AC)	Line fuse A (AC)	Catalog No.	Mult. Sym
Arm. voltage 90-130VDC	Arm. voltage 180VDC						
0.007	0.015	1	-	0.5	12	BR1000	E9
0.015	0.030	0.51	-	0.5	12	BR0510	E9
0.025	0.050	0.35	0.33	0.5	12	BR0350	E9
0.037	0.075	0.25	0.5	0.75	12	BR0250	E9
0.050	0.095	0.25	0.65	1.0	12	BR0251	E9
0.060	0.125	0.18	0.85	1.25	12	BR0180	E9
0.125	0.18	0.1	1.3	2	12	BR0100	E9
0.125	0.25	0.1	1.7	2.5	12	BR0101	E9
0.18	0.37	0.05	2.5	4	12	BR0050	E9
0.25	0.55	0.35	3.3	5	12	BR0035	E9
0.37	0.75	0.025	5	8	12	BR0025	E9
0.55	1.2	0.015	7.5	12***	12	BR0015SP	E9
0.75*	1.5*	0.01	10	15	25	BR0010SP	E9
1.2**	2.25**	0.006	15	25***	25	BR0006	E9

* external heatsink required ** chassis mount only with external heatsink *** also used as AC line fuse

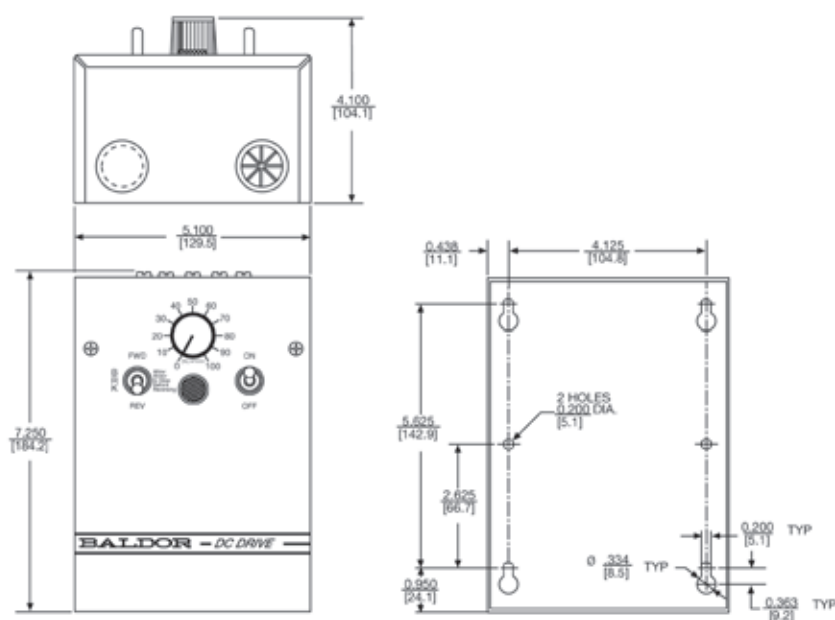
Heatsink, powerline filter and other accessories for BC140 and BC142

Drive accessory	Catalog No.	Mult. Sym.	Approx. Weight (Kg)
External heatsink (for 2.25 kW load)	BC143	A8	0.1
Forward-Brake-Reverse Switch kit for BC140	BC144	A8	0.2
Current sensing relay overload protection	BC146	A8	0.2
Barrier terminal board	BC147	A8	0.1
Potentiometer kit	BC148	A8	0.1
Knob dial kit	BC149	A8	0.1
Powerline EMC filter (a)	KBRF200	A8	0.2

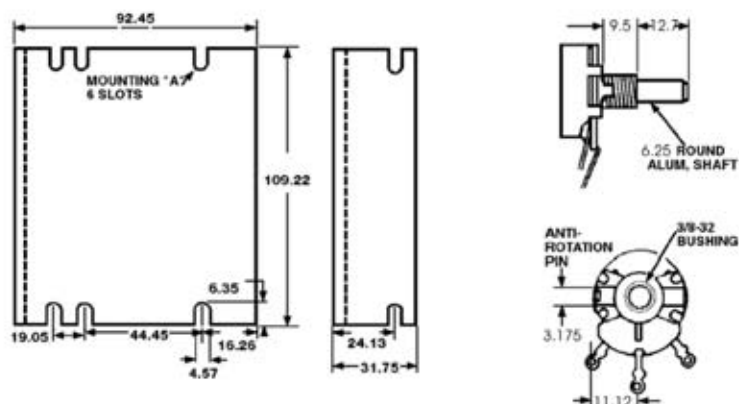
NOTE:

(a) KBRF200 is an AC line EMC filter required for applications where CE is required and control not filtered elsewhere in the application

Dimensions for BC140 and BC142



BC142 shown with optional BC143 heatsink



Dimensions are for reference only. All dimensions in mm

AC Drives

Baldor V*S Drives are grouped into 3 categories to provide the functionality and performance across the widest range of applications:

- High Performance Drives
- Pump and Fan Drives
- Microdrives



High Performance

No other drives on the market can offer you the user-friendly approach or consistent performance of the Baldor V*S Drives high performance AC drives- no matter what voltage, power rating, or performance level your application demands. With their powerful processor and advanced design features, these drives assure you control to the highest power.



VS1SP

Enhanced Sensorless Vector or V/Hz Control; IP20 enclosure. IP56 available

VS1GV

Performance Vector, Sensorless Vector or V/Hz Control; IP20 Enclosure

VS1SD

Performance Servo Control; IP20 and IP56 Enclosures



VS1PF

Pump and Fan Drive: IP20 to 11kw IP20 kit to 90kW, IP00 above

Fan and Pump

The VS1PF Pump and Fan drive is a feature rich AC drive targeted at the pump and fan market but with functionality that rivals more sophisticated general purpose products. The VS1PF provides ability to gain traditional energy savings achieved by controlling centrifugal loads with a variable frequency drive while implementing unique algorithms that further reduce energy consumed by your application.

Microdrives

Competitive in price, and compact, the Baldor microdrives features user-friendly interfaces and design elements that assure consistent motor control throughout a wide range of voltages, horsepower's, and enclosure types. Ranging from 0.37 to 11kW stock ratings, these performance-proven microdrives are well suited for a wide range of applications.



VS1MX

Microdrive IP66 and IP55 enclosures



VS1ST

Starter-style Microdrive: IP20

AC Motors

DC Motors & Drives

AC Drives

Gearing

Bearings

Couplings

Motion Control

Servo Drives

Servo/Motion Accessories

AC Servo Motors

Info.



0.37 thru 2.2kW	230 VAC	1 Phase - 50/60 Hz
0.37 thru 11kW	400 VAC	3 Phase - 50/60 Hz
0.75 thru 1.1kW	115 VAC	1 Phase - 50/60 Hz
0.37 thru 3.7kW	230VAC	3 Phase - 50/60 Hz

Applications: Variable torque, constant torque or constant horsepower applications. New installations, replacements and original equipment manufactures (OEM).

Features: Volts per Hertz Control with peak overload capacity of 175% and PID capability. Flexible mounting options with IP20 enclosure as standard and DIN Rail mounting. Integral keypad, operator interface and local speed control. Basic set of programming parameters. Power ratings up to 2.2kW at 230V and 11kW at 400V versions.

VS1ST - AC Micro Drive

Performance Features	Control Modes	V/Hz
	Operator Interface Module	Integral Drive Mounted
	Display Lines	6-Character LED Display
	Programmable Preset Speeds	Four
	Analog Outputs	One (0-10 VDC)
	Auto Restart	Yes – Up to 5 attempts
	Frequency Avoidance	One Band
	Fault History	Last Four Faults
	Digital Inputs: Four	Two Programmable Digital Inputs, Two user selectable analog/digital inputs
	Digital Inputs Type	Pull-Up
Drive Specifications	Analog Inputs: Two	0-10VDC, 0 to 20mA or 4 to 20mA
	Relay Outputs: One	Built-in Form C Relay
	Analog Output/Digital	0-10 VDC: One Analog Usable for Meter (Freq., Current, Voltage, or Digital Output/Digital Output)
	Maximum Load	11kW @ 400 VAC
	Overload Capacity	Drive Output 150% for one minute and 175% for 2 seconds
	Input Voltage Ranges	115 VAC (99-126); 230 VAC (198-264); 400 VAC (342-528)
	Rated Input Frequency	50-60Hz (±5%)
	Carrier Frequency	4-32 kHz (8 kHz default)
	Operating Temperature	0o to 50oC
	Dynamic Braking	Built-in Transistor (Frames B & C)
	Dynamic Braking Resistor	Up to 150% Dynamic Braking with appropriately sized resistor
	DC Injection Braking	Included
	Volts/Hz	Linear V/Hz
		Energy Optimizer Function
	Frequency Control Range	0 - 500Hz
	Accel/Decel	Independently adjustable accel. & decel. ramps
	Time Range	0 to 600 Seconds
	Keypad Speed Control	Yes
	Sink/Source Inputs	Selectable, 24 VDC Logic
	Electronic Overload Trip	Electronic Motor Overload Inverse 150% for 1 minute or 175% for 2
	Communications	Built-in MODBUS-RTU (RS-485) Communications
	PID Control	Built-in
Protective Features	Under Voltage	Level Depends on Voltage Class (240, 480)
	Output Short Circuit	Phase-to-Phase on Drive Output
	Over Temperature	Heatsink Monitor
	DC Bus Overvoltage	DC Bus Level Trip
	Drive Overload	Exceed Drive rating of 150% for One Minute or 175% for 2 seconds
	Over Current	Over-current/short-Circuit protection
	Output Phase	Trips on open Output Phase
	Loss of Reference	Trips on Loss of Speed Command Signal
	Comm. Error	Detects a communication error (fault)
Agency Certifications		CE, UL, cUL, C-tick
Service Conditions	Altitude	1,000 m (3,300 ft.), derate by 1% per 100m up to 2,000 on maximum.
	Ambient Temperature	IP20: -10oC 50oC
	Storage Temperature	-40oC to 60oC
	Relative Humidity	10% to 95%, non-condensing

VS1ST IP20 230v, Single Phase Drive

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1ST8K0P4-0F	Yes	No	A	230V 1ph, 50/60Hz	2.3	0.37	EA	1.1
VS1ST8K0P8-0F	Yes	No	A	230V 1ph, 50/60Hz	4.3	0.75	EA	1.1
VS1ST8K1P5-0F	Yes	No	A	230V 1ph, 50/60Hz	7	1.5	EA	1.1
VS1ST8K1P5-0TF	Yes	Yes	B	230V 1ph, 50/60Hz	7	1.5	EA	2.6
VS1ST8K2P2-0TF	Yes	Yes	B	230V 1ph, 50/60Hz	10.5	2.2	EA	2.6

VS1ST IP20 400v, Three Phase Drive

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1ST3K0P8-0F	Yes	No	A	380-460V 3ph, 50/60Hz	2.2	0.75	EA	1.1
VS1ST3K1P5-0F	Yes	No	A	380-460V 3ph, 50/60Hz	4.1	1.5	EA	1.1
VS1ST3K1P5-0TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	4.1	1.5	EA	2.6
VS1ST3K2P2-0TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	5.8	2.2	EA	2.6
VS1ST3K4-0TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	9.5	4	EA	2.6
VS1ST3K5P5-0TF	Yes	Yes	C	380-460V 3ph, 50/60Hz	14	5.5	EA	3
VS1ST3K7P5-0TF	Yes	Yes	C	380-460V 3ph, 50/60Hz	18	7.5	EA	3
VS1ST3K11-0TF	Yes	Yes	C	380-460V 3ph, 50/60Hz	24	11	EA	3

VS1ST IP20 110-120V, Single Phase Drive

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1ST10P5-0	No	No	A	110V 1ph, 50/60Hz	2.3	0.37	EA	1.1
VS1ST11-0	No	No	A	110V 1ph, 50/60Hz	4.3	0.75	EA	1.1
VS1ST11P5-0T	No	Yes	B	110V 1ph, 50/60Hz	5.8	1.125	EA	1.1

Shaded Catalog No's are stocked in Europe

Mounting Dimensions

Frame	Height (mm)	Width (mm)	Depth (mm)
A	173	82	123
B	221	109	150
C	261	131	175



VS1MX - AC Micro Drive

0.37 thru 2.2kW	230 VAC	1 Phase - 50/60 Hz
0.37 thru 7.5kW	400 VAC	3 Phase - 50/60 Hz
0.75 thru 1.1kW	115 VAC	1 Phase - 50/60 Hz
0.75 thru 3.7kW	230VAC	3 Phase - 50/60 Hz

Applications: Applications that require a washdown or harsh duty enclosure. Ideal for environments where dust, oil mist or water is prevalent. Variable torque, constant torque or constant horsepower applications. Target stand alone applications where a local disconnect is required. New installations, replacements and original equipment manufactures (OEM).

Features: Volts per Hertz Control with peak overload capacity of 175%. Flexible mounting options IP56 and IP66, Input Disconnect models and EMC Filter models. Integral keypad, operator interface and local speed control. Basic set of less than forty programming parameters. Power ratings up to 7.5Kw in 400V versions.

Performance Features	Control Modes	V/Hz or Sensorless Vector
	Operator Interface Module	Integral Drive Mounted
	Display Lines	6-Character LED Display
	Programmable Preset Speeds	Four
	Analog Outputs	One (0-10 VDC)
	Auto Restart	Yes – Up to 5 attempts
	Frequency Avoidance	One Band
	Fault History	Last Four Faults
	Digital Inputs	Three Configurable Inputs
	Digital Inputs Type	Pull-Up
Drive Specifications	Analog Inputs: One	0-10VDC or 4 to 20mA
	Digital Outputs: Two Total	One Built-in Form C Relay, One Optional Form C Relay
	Meter Outputs	0-10 VDC: One Analog Usable for Meter (Freq., Current, Voltage, or Digital Output)
	Maximum Load	7.5Kw @ 400 VAC
	Overload Capacity	Drive Output 150% for one minute and 175% for 2 seconds
	Input Voltage Ranges	115 VAC (99-126); 230 VAC (198-264); 400 VAC (342-528)
	Rated Input Frequency	50-60Hz (±5%)
	Carrier Frequency	4-32 kHz (8 kHz default)
	Operating Temperature	-10° to 40° C
	Dynamic Braking	Built-in Transistor on Frames B and C only
	Dynamic Braking Resistor	Up to 150% Dynamic Braking with appropriately sized resistor
	DC Injection Braking	Included
	Volts/Hz	Linear V/Hz, Energy Optimizer Function
	Sensorless Vector	Full Sensorless Vector Control with Autotune Function and motor model
	Frequency Control Range	0 - 500Hz
	Accel/Decel	Independently adjustable accel. & decel. ramps
	Time Range	0.1 to 3000 Seconds
	Keypad Speed Control	Yes
	Sink/Source Inputs	Selectable, 24 VDC Logic
	Electronic Overload Trip	Electronic Motor Overload Inverse 150% for 1 minute or 175% for 2
	Communications	Built-in MODBUS-RTU (RS-485) Communications
	PID Control	Future Release
Protective Features	Under Voltage	Level Depends on Voltage Class (240, 400)
	Output Short Circuit	Phase-to-Phase on Drive Output
	Over Temperature	Heatsink Monitor
	DC Bus Overvoltage	DC Bus Level Trip
	Drive Overload	Exceed Drive rating of 150% for One Minute or 175% for 2 seconds
	Over Current	Over-current/short-Circuit protection
	Output Phase	Trips on open Output Phase
	Loss of Reference	Trips on Loss of Speed Command Signal
	Comm. Error	Detects a communication error (fault)
Agency Certifications		CE, UL, cUL, CE, CCC, C-tick
Service Conditions	Altitude	1,000 m derate by 1% per 100m up to 2,000m maximum
	Ambient Temperature	-10°C to 40°C
	Storage Temperature	-40°C to 60°C
	Relative Humidity	10% to 95%, non-condensing
	Intermittent Overload	150% overload capacity for up to 1 minute, 175% overload capacity for up to 2 seconds

VS1MX IP55 230v, Single Phase Drive - Non Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX8K0P4-2F	Yes	No	A	230V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX8K0P8-2F	Yes	No	A	230V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX8K1P5-2F	Yes	No	A	230V 1ph, 50/60Hz	7	1.5	EV	2.3
VS1MX8K1P5-2TF	Yes	Yes	B	230V 1ph, 50/60Hz	7	1.5	EV	4.5
VS1MX8K2P2-2TF	Yes	Yes	B	230V 1ph, 50/60Hz	10.5	2.2	EV	4.5

VS1MX IP55 230v, Single Phase Drive - Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX8K0P4-2DF	Yes	No	A	230V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX8K0P8-2DF	Yes	No	A	230V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX8K1P5-2DF	Yes	No	A	230V 1ph, 50/60Hz	7	1.5	EV	2.3
VS1MX8K1P5-2TDF	Yes	Yes	B	230V 1ph, 50/60Hz	7	1.5	EV	4.5
VS1MX8K2P2-2TDF	Yes	Yes	B	230V 1ph, 50/60Hz	10.5	2.2	EV	4.5

VS1MX IP55 400v, Three Phase Drive - Non Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX3K0P8-2F	Yes	No	A	380-460V 3ph, 50/60Hz	2.2	0.75	EV	2.3
VS1MX3K1P5-2F	Yes	No	A	380-460V 3ph, 50/60Hz	4.1	1.5	EV	2.3
VS1MX3K1P5-2TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	4.1	1.5	EV	4.5
VS1MX3K2P2-2TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	5.8	2.2	EV	4.5
VS1MX3K4-2TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	9.5	4	EV	4.5

VS1MX IP55 400v, Three Phase Drive - Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX3K0P8-2DF	Yes	No	A	380-460V 3ph, 50/60Hz	2.2	0.75	EV	2.3
VS1MX3K1P5-2DF	Yes	No	A	380-460V 3ph, 50/60Hz	4.1	1.5	EV	2.3
VS1MX3K1P5-2TDF	Yes	Yes	B	380-460V 3ph, 50/60Hz	4.1	1.5	EV	4.5
VS1MX3K2P2-2TDF	Yes	Yes	B	380-460V 3ph, 50/60Hz	5.8	2.2	EV	4.5
VS1MX3K4-2TDF	Yes	Yes	B	380-460V 3ph, 50/60Hz	9.5	4	EV	4.5

VS1MX IP55 110-120V, Single Phase Drive - Non Switched

Catalog No	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX10P5-2	No	No	A	110V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX11-2	No	No	A	110V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX11P5-2T	No	Yes	B	110V 1ph, 50/60Hz	5.8	1.125	EV	2.3

VS1MX IP55 110-120V, Single Phase Drive - Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX10P5-2D	No	No	A	110V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX11-2D	No	No	A	110V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX11P5-2TD	No	Yes	B	110V 1ph, 50/60Hz	5.8	1.125	EV	2.3

VS1MX IP66 230v, Single Phase Drive - Non Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX8K0P4-4F	Yes	No	A	230V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX8K0P8-4F	Yes	No	A	230V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX8K1P5-4F	Yes	No	A	230V 1ph, 50/60Hz	7	1.5	EV	2.3
VS1MX8K1P5-4TF	Yes	Yes	B	230V 1ph, 50/60Hz	7	1.5	EV	4.5
VS1MX8K2P2-4TF	Yes	Yes	B	230V 1ph, 50/60Hz	10.5	2.2	EV	4.5

VS1MX IP66 230v, Single Phase Drive - Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX8K0P4-4DF	Yes	No	A	230V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX8K0P8-4DF	Yes	No	A	230V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX8K1P5-4DF	Yes	No	A	230V 1ph, 50/60Hz	7	1.5	EV	2.3
VS1MX8K1P5-4TDF	Yes	Yes	B	230V 1ph, 50/60Hz	7	1.5	EV	4.5
VS1MX8K2P2-4TDF	Yes	Yes	B	230V 1ph, 50/60Hz	10.5	2.2	EV	4.5

Shaded Catalog No's are stocked in Europe

VS1MX IP66 400v, Three Phase Drive - Non Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX3K0P8-4F	Yes	No	A	380-460V 3ph, 50/60Hz	2.2	0.75	EV	2.3
VS1MX3K1P5-4F	Yes	No	A	380-460V 3ph, 50/60Hz	4.1	1.5	EV	2.3
VS1MX3K1P5-4TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	4.1	1.5	EV	4.5
VS1MX3K2P2-4TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	5.8	2.2	EV	4.5
VS1MX3K4-4TF	Yes	Yes	B	380-460V 3ph, 50/60Hz	9.5	4	EV	4.5
VS1MX3K5P5-4TF	Yes	Yes	C	380-460V 3ph, 50/60Hz	14	5.5	EV	9
VS1MX3K7P5-4TF	Yes	Yes	C	380-460V 3ph, 50/60Hz	18	7.5	EV	9

VS1MX IP66 400v, Three Phase Drive - Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX3K0P8-4DF	Yes	No	A	380-460V 3ph, 50/60Hz	2.2	0.75	EV	2.3
VS1MX3K1P5-4DF	Yes	No	A	380-460V 3ph, 50/60Hz	4.1	1.5	EV	2.3
VS1MX3K1P5-4TDF	Yes	Yes	B	380-460V 3ph, 50/60Hz	4.1	1.5	EV	4.5
VS1MX3K2P2-4TDF	Yes	Yes	B	380-460V 3ph, 50/60Hz	5.8	2.2	EV	4.5
VS1MX3K4-4TDF	Yes	Yes	B	380-460V 3ph, 50/60Hz	9.5	4	EV	4.5
VS1MX3K5P5-4TDF	Yes	Yes	C	380-460V 3ph, 50/60Hz	14	5.5	EV	9
VS1MX3K7P5-4TDF	Yes	Yes	C	380-460V 3ph, 50/60Hz	18	7.5	EV	9

VS1MX IP66 110-120V, Single Phase Drive - Non Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX10P5-4	No	No	A	110V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX11-4	No	No	A	110V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX11P5-4T	No	Yes	B	110V 1ph, 50/60Hz	5.8	1.125	EV	2.3

VS1MX IP66 110-120V, Single Phase Drive - Switched

Catalog No.	EMC Filter	Brkg Trans.	Frame Size	Power Supply	Nominal Current	Nominal Power KW	Mult. Sym	Weight (Kg)
VS1MX10P5-4D	No	No	A	110V 1ph, 50/60Hz	2.3	0.37	EV	2.3
VS1MX11-4D	No	No	A	110V 1ph, 50/60Hz	4.3	0.75	EV	2.3
VS1MX11P5-4TD	No	Yes	B	110V 1ph, 50/60Hz	5.8	1.125	EV	2.3

Shaded Catalog No's are stocked in Europe

Options and Accessories

Catalog No.	Description	Mult. Sym	Weight (Kg)
VS1ST-RKEY3	Remote Keypad	EV	0.2
VS1ST-CCL	CopyCat Loader	EV	0.2
VS1ST-2ROUT	2nd Relay Output Card	EV	0.1
VS1ST-HVAC	HVAC Output Card	EV	0.2
VS1ST-LOGHV-11	110V Control Input Card	EV	0.2
VS1ST-LOGHV-23	230V Control Input Card	EV	0.2
VS1ST-R100W200	DB Resistor Kit (ST frames B & C)	EV	0.9
VS1MX-R50W200	DB Resistor Kit (MX Frames B & C)	EV	2.3

Serial Network Cables

VS1ST-CBL0P3	Serial Network Cable: 0.3m	EV	0.2
VS1ST-CBL1	Serial Network Cable: 1m	EV	0.2
VS1ST-CBL3	Serial Network Cable: 3m	EV	0.5

Communication Network Gateway Interface

VS1ST-PBUS	Profibus Gateway	EV	1.1
VS1ST-DNET	DeviceNet Gateway	EV	1.1
VS1ST-ENET	Ethernet Gateway	EV	1.1

Shaded Catalog No's are stocked in Europe

Mounting Dimensions IP55

Frame	Height (mm)	Width (mm)	Depth (mm)
A	200	140	166
B	310	165	180

Mounting Dimensions IP66

Frame	Height (mm)	Width (mm)	Depth (mm)
A	232	161	175
B	257	178	185.5
C	305	210.5	227.8

Gearing

Baldor manufactures a very wide range of gearing products suitable for many different applications.

For full details of our complete range of gearing products contact your local Baldor representative, see our 501 catalog or visit www.baldor.com



Motorised TORQUE-ARM II

- Heavy duty AGMA rated design
- Reduced assembly time
- Reduce maintenance requirements
- Two motor speeds and multiple gear ratios provide a wide spectrum of output speeds
- Standard and short shaft twin-tapered bushings

Industries:

- Aggregate/Cement/Asphalt
- Grain/Food
- Milling
- Mining
- Wastewater
- Forest Products/Paper
- etc.



900-Series

- Single and double reductions with quill, coupled and solid input
- 9 case sizes
- 5:1 to 60:1 reductions, solid or hollow output
- Right angle and parallel shaft
- Available in stainless steel & stainless washdown

Industries:

- Unit handling
- Food processing
- Packaging machinery
- etc.



TIGEAR-2 Speed Reducers

- Single-worm with quill, separate or 3 piece coupled input, cast iron construction
- 10 case sizes
- 5:1 to 60:1 reductions, solid or hollow output
- GRIP-TIGHT bushing system available
- E-Z KLEEN and stainless steel design available

Industries:

- Unit handling
- Food processing
- Packaging machinery
- etc.



MagnaGear XTR

- Parallel shaft or right angle configurations are available
- Sizes G100 thro G390 are available in solid or hollow shaft output
- Global product design to fit all markets
- Modular design for reversibility and multiple mounting configurations
- Rugged cast iron housings
- Power dense design

Applications:

- Conveyors
- Bucket Elevators
- Crushers/Breakers
- Feeders
- Mills/Kilns
- etc.



Gearmotors

- AC and DC ratings
- Right angle and parallel shaft
- Enclosures: TENV and TEFC 1/50 through 1/2 Hp
- Inverter gearmotors also available

Applications:

- Conveyors
- Medical and laboratory equipment,
- Printing presses
- Commercial ovens
- Machine tools and other applications requiring adjustable speed
- etc.



Applications: Aggregate / Cement / Asphalt; Grain / Food; Milling; Mining; Wastewater; Forest Products / Paper

Features:

- Significantly increased torque and horsepower ratings comparable to next larger size TXT
- Modular design with modular accessories for inventory savings
- Proven, standard twin tapered bushing system with patented short shaft option to allow replacement of straight bore style and single bushed reducers without sacrificing the advantages of the twin tapered system
- New backstop design with centrifugal lift-off sprags, now compatible with EP Lube
- New premium sealing system with external excluder seal standard
- Up to 40:1 gear ratio standard

TORQUE-ARM™ II Metric Shaft Mount Reducer / Metrisches Aufsteckgetriebe / Réducteur Métrique / Reductores de velocidad / Riduttore

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
TA0107L-M			
900009	TA0107L05M Metric Taper Bush Red	18.00	G12E
900008	TA0107L09M Metric Taper Bush Red	18.73	G12E
900007	TA0107L15M Metric Taper Bush Red	18.64	G12E
900006	TA0107L25M Metric Taper Bush Red	18.73	G12E
900005	TA0107L31M Metric Taper Bush Red	18.68	G12E
900109	TA0107RA TA Rod Assembly	2.05	G12E
900035	TA0107MTBS x 25 MM SS Tpr Bu Kit	1.23	G12E
900034	TA0107MTBS x 30 MMSS Tpr Bu Kit	1.00	G12E
900030	TA0107MTB X 35 MM TAPER BUSH KIT	0.77	G12E
900029	TA0107TBS X 1 TAPERED BUSH KIT	1.55	G12E
900023	TA0107TB x 1-1/4 Tapered Bush Kit	1.20	G12E
900014	TA0107L05MS x 40 MM Str Bore Red	18.68	G12E
900013	TA0107L09MS x 40 MM Str Bore Red	19.41	G12E
900012	TA0107L15MS x 40 MM Str Bore Red	19.32	G12E
900011	TA0107L25MS x 40 MM Str Bore Red	19.41	G12E
900010	TA0107L31MS x 40 MM Str Bore Red	19.36	G12E
900092	TA0107HMM IEC Motor Mount Assy	16.09	G12E
901102	TA1107H/0107L BS Backstop Assembly	1.90	G12E
TA1107H-M			
901009	TA1107H05M Metric Taper Bush Redr	25.18	G12E
901008	TA1107H09M Metric Taper Bush Redr	25.82	G12E
901007	TA1107H15M Metric Taper Bush Redr	25.77	G12E
901006	TA1107H25M Metric Taper Bush Redr	25.77	G12E
901005	TA1107H31M Metric Taper Bush Redr	25.82	G12E
901109	TA1107RA TA Rod Assembly	2.15	G12E
901052	TA1107MTBS x 30 MM Tpr Bush Kit	1.95	G12E
901051	TA1107MTBS x 32 MM Tpr Bush Kit	1.91	G12E
901050	TA1107MTBS x 35 MM Tpr Bush Kit	1.77	G12E
901040	TA1107MTB X 40 MM TAPER BUSH KIT	1.50	G12E
901033	TA1107TBS X 1-1/4 TAPER BUSH KIT	2.02	G12E
901020	TA1107TB x 1-1/2 Taper Bush Ki	#N/A	G12E
901014	TA1107H05MS x 45 MM Str Bore Red	25.73	G12E
901013	TA1107H09MS x 45 MM Str Bore Red	26.36	G12E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
901012	TA1107H15MS x 45 MM Str Bore Red	26.32	G12E
901011	TA1107H25MS x 45 MM Str Bore Red	26.32	G12E
901010	TA1107H31MS x 45 MM Str Bore Red	26.36	G12E
901092	TA1107HMM IEC Motor Mount Assy	17.95	G12E
901102	TA1107H/0107L BS Backstop Assembly	1.90	G12E
TA2115H-M			
902009	TA2115H05M Metric Taper Bush Red	38.23	G12E
902008	TA2115H09M Metric Taper Bush Red	39.27	G12E
902007	TA2115H15M Metric Taper Bush Red	39.18	G12E
902006	TA2115H25M Metric Taper Bush Red	39.14	G12E
902005	TA2115H33M Metric Taper Bush Red	38.95	G12E
902109	TA2115RA TA Rod Assembly	2.95	G12E
902055	TA2115MTBS x 35 MM Tpr Bush Kit	3.45	G12E
902054	TA2115MTBS x 38 MM Tpr Bush Kit	3.27	G12E
902053	TA2115MTBS x 40 MM Tpr Bush Kit	3.18	G12E
902052	TA2115MTBS x 42 MM Tpr Bush Kit	3.05	G12E
902051	TA2115MTBS x 45 MM Tpr Bush Kit	2.86	G12E
902050	TA2115MTBS x 50 MM Tpr Bush Kit	2.50	G12E
902040	TA2115MTB X 55 MM TAPER BUSH KIT	2.14	G12E
902035	TA2115TBS X 1-1/2 TAPER BUSH KIT	3.45	G12E
902032	TA2115TBS x 1-3/4 Taper Bush Kit	3.05	G12E
902022	TA2115TB X 2 TAPER BUSH KIT	2.52	G12E
902014	TA2115H05MS x 55 MM Str Bore Red	39.18	G12E
902013	TA2115H09MS x 55 MM Str Bore Red	40.23	G12E
902012	TA2115H15MS x 55 MM Str Bore Red	40.14	G12E
902011	TA2115H25MS x 55 MM Str Bore Red	40.09	G12E
902010	TA2115H33MS x 55 MM Str Bore Red	39.91	G12E
902092	TA2115MM IEC Motor Mount Assy	23.95	G12E
902102	TA2115BS Backstop Assembly	1.85	G12E
TA3203H-M			
903009	TA3203H05M Metric Taper Bush Red	48.86	G12E
903008	TA3203H09M Metric Taper Bush Red	50.73	G12E
903007	TA3203H15M Metric Taper Bush Red	50.64	G12E
903006	TA3203H25M Metric Taper Bush Red	50.50	G12E
903005	TA3203H32M Metric Taper Bush Red	50.14	G12E
903109	TA3203RA TA Rod Assembly	3.12	G12E
903056	TA3203MTBS x 35 MM Tpr Bush Kit	4.82	G12E
903055	TA3203MTBS x 38 MM Tpr Bush Kit	4.59	G12E
903054	TA3203MTBS x 40 MM Tpr Bush Kit	4.45	G12E
903053	TA3203MTBS x 42 MM Tpr Bush Kit	4.32	G12E
903052	TA3203MTBS x 45 MM Tpr Bush Kit	4.09	G12E
903051	TA3203MTBS x 50 MM Tpr Bush Kit	3.68	G12E
903050	TA3203MTBS x 55 MM Tpr Bush Kit	3.23	G12E
903040	TA3203MTB X 60 MM TAPER BUSH KIT	2.82	G12E
903038	TA3203TBS X 1-1/2 TAPER BUSH KIT	4.50	G12E
903035	TA3203TBS X 1-3/4 TAPER BUSH KIT	4.27	G12E
903032	TA3203TBS x 2 Tapered Bush Kit	3.84	G12E
903021	TA3203TB x 2-1/4" Tpr Bush Kit	3.18	G12E
903014	TA3203H05MS x 65 MM Str Bore Red	49.64	G12E
903013	TA3203H09MS x 65 MM Str Bore Red	51.50	G12E
903012	TA3203H15MS x 65 MM Str Bore Red	51.41	G12E
903011	TA3203H25MS x 65 MM Str Bore Red	51.27	G12E
903010	TA3203H32MS x 65 MM Str Bore Red	50.91	G12E
903092	TA3203MM IEC Motor Mount Assy	39.59	G12E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
903102	TA3203BS Backstop Assembly	2.16	G12E
TA4207H-M			
904009	TA4207H05M Metric Taper Bush Red	81.09	G12E
904008	TA4207H09M Metric Taper Bush Red	85.00	G12E
904007	TA4207H15M Metric Taper Bush Red	84.82	G12E
904006	TA4207H25M Metric Taper Bush Red	84.50	G12E
904005	TA4207H40M Metric Taper Bush Red	84.23	G12E
904109	TA4207RA TA Rod Assembly	4.82	G12E
904054	TA4207MTBS x 42 MM Taper Bush Kit	7.09	G12E
904053	TA4207MTBS x 45 MM SS Tpr Bu Kit	6.86	G12E
904052	TA4207MTBS x 50 MM SS Tpr Bu Kit	6.36	G12E
904051	TA4207MTBS x 55 MM SS Tpr Bu Kit	5.91	G12E
904050	TA4207MTBS x 60 MM SS Tpr Bu Kit	5.36	G12E
904049	TA4207MTBS x 65 MM SS Tpr Bu Kit	4.73	G12E
904042	TA4207MTB X 70 MM TAPER BUSH KIT	4.14	G12E
904037	TA4207TBS X 2 TAPER BUSH KIT	6.59	G12E
904034	TA4207TBS X 2-1/4 TAPER BUSH KIT	5.95	G12E
904021	TA4207TB X 2-1/2 TAPER BUSH KIT	4.82	G12E
904014	TA4207H05MS x 70 MM Str Bore Red	82.73	G12E
904013	TA4207H09MS x 70 MM Str Bore Red	86.68	G12E
904012	TA4207H15MS x 70 MM Str Bore Red	86.50	G12E
904011	TA4207H25MS x 70 MM Str Bore Red	86.18	G12E
904010	TA4207H40MS x 70 MM Str Bore Red	85.91	G12E
904092	TA4207MM IEC Motor Mount Assy	51.95	G12E
904107	TA4207CF Metric Cooling Fan Assy	0.91	G12E
904102	TA4207BS Backstop Assembly	2.33	G12E
904103	TA4207BS 40:1 Backstop Assembly	2.45	G12E
TA52115H-M			
905009	TA5215H05M Metric Taper Bush Red	117.86	G12E
905008	TA5215H09M Metric Taper Bush Red	124.50	G12E
905007	TA5215H15M Metric Taper Bush Red	124.27	G12E
905006	TA5215H25M Metric Taper Bush Redr	123.82	G12E
905005	TA5215H40M Metric Taper Bush Red	123.45	G12E
905109	TA5215RA TA Rod Assembly	4.94	G12E
905056	TA5215MTBS x 50 MM SS Tpr Bu Kit	10.50	G12E
905055	TA5215MTBS x 55 MM SS Tpr Bu Kit	10.00	G12E
905054	TA5215MTBS x 60 MM SS Tpr Bu Kit	9.86	G12E
905053	TA5215MTBS x 65 MM SS Tpr Bu Kit	8.59	G12E
905052	TA5215MTBS x 70 MM SS Tpr Bu Kit	7.91	G12E
905051	TA5215MTBS x 75 MM SS Tpr Bu Kit	7.18	G12E
905044	TA5215MTB X 80 MM TAPER BUSH KIT	6.41	G12E
905039	TA5215TBS x 2-1/4 Taper Bush Kit	10.00	G12E
905036	TA5215TBS x 2-1/2 Taper Bush Kit	9.09	G12E
905021	TA5215TB X 3 TAPER BUSH KIT	6.82	G12E
905014	TA5215H05MS x 85 MM Str Bore Red	119.27	G12E
905013	TA5215H09MS x 85 MM Str Bore Red	125.91	G12E
905012	TA5215H15MS x 85 MM Str Bore Red	125.68	G12E
905011	TA5215H25MS x 85 MM Str Bore Red	125.23	G12E
905010	TA5215H40MS x 85 MM Str Bore Red	124.86	G12E
905092	TA5215MM IEC Motor Mount Assy	55.68	G12E
905107	TA5215CF Metric Cooling Fan Assy	1.36	G12E
905102	TA5215BS Backstop Assembly	3.50	G12E
905103	TA5215BS 40:1 Backstop Assembly	3.56	G12E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
TA6307H-M			
906009	TA6307H05M Metric Taper Bush Red	142.73	G12E
906008	TA6307H09M Metric Taper Bush Red	150.91	G12E
906007	TA6307H15M Metric Taper Bush Red	150.45	G12E
906006	TA6307H25M Metric Taper Bush Red	149.55	G12E
906005	TA6307H40M Metric Taper Bush Red	149.09	G12E
906109	TA6307RA TA Rod Assembly	9.05	G12E
906054	TA6307MTBS x 60 MM SS Tpr Bu Kit	11.95	G12E
906053	TA6307MTBS x 65 MM SS Tpr Bu Kit	10.91	G12E
906052	TA6307MTBS x 70 MM SS Tpr Bu Kit	10.45	G12E
906051	TA6307MTBS x 75 MM SS Tpr Bu Kit	9.64	G12E
906050	TA6307MTBS x 80 MM SS Tpr Bu Kit	8.82	G12E
906049	TA6307MTBS x 85 MM SS Tpr Bu Kit	7.77	G12E
906042	TA6307MTB X 90 MM TAPER BUSH KIT	6.77	G12E
906037	TA6307TBS x 2-1/2 Taper Bush Kit	11.50	G12E
906033	TA6307TBS X 3 TAPERED BUSH KIT	10.05	G12E
906014	TA6307H05MS x 100 MM Str Br Red	143.64	G12E
906013	TA6307H09MS x 100 MM Str Br Red	151.82	G12E
906012	TA6307H15MS x 100 MM Str Br Red	151.36	G12E
906011	TA6307H25MS x 100 MM Str Br Red	150.45	G12E
906010	TA6307H40MS x 100 MM Str Br Red	150.00	G12E
906092	TA6307MM IEC Motor Mount Assy	72.23	G12E
906107	TA6307CF Metric Cooling Fan Assy	4.55	G12E
906102	TA6307BS Backstop Assembly	5.35	G12E
906103	TA6307BS 25 & 40:1 Backstop Assy	5.65	G12E
TA7315H-M			
907009	TA7315H05M Metric Taper Bush Red	204.09	G12E
907008	TA7315H09M Metric Taper Bush Red	224.55	G12E
907007	TA7315H15M Metric Taper Bush Red	224.09	G12E
907006	TA7315H25M Metric Taper Bush Red	224.55	G12E
907005	TA7315H40M Metric Taper Bush Red	223.64	G12E
907109	TA7315/8407RA TA Rod Assembly	18.55	G12E
907056	TA7315MTBS x 65 MM SS Tpr Bu Kit	19.45	G12E
907055	TA7315MTBS x 70 MM SS Tpr Bu Kit	18.68	G12E
907054	TA7315MTBS x 75 MM SS Tpr Bu Kit	17.73	G12E
907053	TA7315MTBS x 80 MM SS Tpr Bu Kit	16.82	G12E
907052	TA7315MTBS x 85 MM SS Tpr Bu Kit	15.73	G12E
907051	TA7315MTBS x 90 MM SS Tpr Bu Kit	14.77	G12E
907050	TA7315MTBS x 95 MM SS Tpr Bu Kit	13.55	G12E
907049	TA7315MTBS x 100MM SS Tpr Bu Kit	12.32	G12E
907040	TA7315MTB X 110 MM TPR BUSH KIT	9.73	G12E
907034	TA7315TBS x 3 Tapered Bush Kit	17.64	G12E
907014	TA7315H05MS x 120 MM Str Bore Red	206.82	G12E
907013	TA7315H09MS x 120 MM Str Bore Red	227.27	G12E
907012	TA7315H15MS x 120 MM Str Bore Red	226.82	G12E
907011	TA7315H25MS x 120 MM Str Bore Red	227.27	G12E
907010	TA7315H40MS x 120 MM Str Bore Red	226.36	G12E
907092	TA7315/8407MM IEC Motor Mt Assy	83.77	G12E
907107	TA7315/8407CF Metric Fan Assy	4.55	G12E
907102	TA7315BS Backstop Assembly	8.74	G12E
907103	TA7315/9415BS 40:1 Backstop Assy	9.09	G12E
TA8407H-M			
908007	TA8407H15M Metric Taper Bush Red	231.82	G12E
908006	TA8407H25M Metric Taper Bush Red	231.82	G12E

AC Motors

DC Motors &
Drives

AC Drives

Gearing

Bearings

Couplings

Motion Control

Servo Drives

Servo/Motion
AccessoriesAC Servo
Motors

Info.

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
908005	TA8407H40M Metric Taper Bush Red	230.00	G12E
907109	TA7315/8407RA TA Rod Assembly	18.55	G12E
908048	TA8407MTBS x 75 MM SS Tpr Bu Kit	21.64	G12E
908047	TA8407MTBS x 80 MM SS Tpr Bu Kit	20.73	G12E
908046	TA8407MTBS x 85 MM SS Tpr Bu Kit	19.55	G12E
908045	TA8407MTBS x 90 MM SS Tpr Bu Kit	18.41	G12E
908044	TA8407MTBS x 95 MM SS Tpr Bu Kit	17.14	G12E
908043	TA8407MTBS x 100MM SS Tpr Bu Kit	15.95	G12E
908042	TA8407MTBS x 110MM SS Tpr Bu Kit	12.91	G12E
908034	TA8407MTB X 120 MM TAPER BU KIT	10.05	G12E
908012	TA8407H15MS x 120 MM Str Bore Red	239.09	G12E
908011	TA8407H25MS x 120 MM Str Bore Red	239.09	G12E
908010	TA8407H40MS x 120 MM Str Bore Red	235.91	G12E
907092	TA7315/8407MM IEC Motor Mt Assy	83.77	G12E
907107	TA7315/8407CF Metric Fan Assy	4.55	G12E
908102	TA8407BS Backstop Assembly	6.57	G12E
908103	TA8407BS 40:1 Backstop Assembly	7.27	G12E
TA9415H-M			
909007	TA9415H15M Metric Taper Bush Red	333.64	G12E
909006	TA9415H25M Metric Taper Bush Red	333.64	G12E
909005	TA9415H40M Metric Taper Bush Red	332.27	G12E
909109	TA9415RA TA Rod Assembly	34.91	G12E
909042	TA9415MTBS x 90 MM Tpr Bush Kit	28.36	G12E
909041	TA9415MTBS x 95 MM Tpr Bush Kit	27.09	G12E
909040	TA9415MTBS x 100MM Tpr Bush Kit	26.00	G12E
909039	TA9415MTBS x 110MM Tpr Bush Kit	19.64	G12E
909038	TA9415MTBS x 120MM Tpr Bush Kit	19.64	G12E
909037	TA9415MTBS x 125MM Tpr Bush Kit	17.77	G12E
909030	TA9415MTB X 130 MM TPR BUSH KIT	15.68	G12E
909012	TA9415H15MS x 125 MM Str Br Red	343.64	G12E
909011	TA9415H25MS x 125 MM Str Br Red	343.64	G12E
909010	TA9415H40MS x 125 MM Str Br Red	342.27	G12E
909092	TA9415MM IEC Motor Mount Assy	125.41	G12E
909107	TA9415CF Metric Cooling Fan Assy	5.64	G12E
909102	TA9415BS Backstop Assembly	8.72	G12E
907103	TA7315/9415BS 40:1 Backstop Assy	9.09	G12E
TA10507H-M			
910007	TA10507H15M Metric Tpr Bush Red	464.09	G12E
910006	TA10507H25M Metric Tpr Bush Red	464.09	G12E
910005	TA10507H40M Metric Tpr Bush Red	462.27	G12E
910109	TA10507RA TA Rod Assembly	39.55	G12E
910042	TA10507MTBS x 100 MM Tpr Bush Kit	38.32	G12E
910041	TA10507MTBS x 110 MM Tpr Bush Kit	35.00	G12E
910040	TA10507MTBS x 120 MM Tpr Bush Kit	31.64	G12E
910039	TA10507MTBS x 125MM Tpr Bush Kit	29.86	G12E
910038	TA10507MTBS x 130 MM Tpr Bush Kit	27.73	G12E
910032	TA10507MTB X 150 MM TPR BUSH KIT	18.77	G12E
910012	TA10507H15MS x 150MM Str Br Red	472.73	G12E
910011	TA10507H25MS x 150MM Str Br Red	472.73	G12E
910010	TA10507H40MS x 150MM Str Br Red	470.91	G12E
910092	TA10507MM IEC Motor Mount Assy	131.32	G12E
910107	TA10507CF Metric Cool Fan Assy	5.64	G12E
910102	TA10507BS Backstop Assembly	10.40	G12E
910103	TA10507BS 40:1 Backstop Assy	10.84	G12E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
TA12608H-M			
912007	TA12608H15M Metric Tpr Bush Red	632.27	G12E
912006	TA12608H25M Metric Tpr Bush Red	633.64	G12E
912005	TA12608H40M Metric Tpr Bush Red	632.73	G12E
912109	TA12608RA TA Rod Assembly	48.36	G12E
912040	TA12608MTBS x 125 MM Tpr Bush Kit	53.36	G12E
912039	TA12608MTBS x 130 MM Tpr Bush Kit	51.05	G12E
912038	TA12608MTBS x 150 MM SS Bush Kit	41.14	G12E
912037	TA12608MTBS x 160 MM Tpr Bush Kit	35.50	G12E
912023	TA12608TB X 6 TAPERED BUSH KIT	34.93	G12E
912021	TA12608TB X 6-1/2 TAPER BUSH KIT	30.82	G12E
912020	TA12608TB X 7 TAPERED BUSH KIT	26.45	G12E
912012	TA12608H15MS x 190 MM Str Br Red	630.45	G12E
912011	TA12608H25MS x 190 MM Str Br Red	631.82	G12E
912010	TA12608H40MS x 190 MM Str Br Red	630.91	G12E
912092	TA12608MM IEC Motor Mount Assy	131.68	G12E
912107	TA12608CF Metric Cool Fan Assy	6.23	G12E
912102	TA12608BS Backstop Assembly	17.51	G12E
912103	TA12608BS 40:1 Backstop Assembly	18.68	G12E

AC Motors

DC Motors &
Drives

AC Drives

Gearing

Bearings

Couplings

Motion Control

Servo Drives

Servo/Motion
AccessoriesAC Servo
Motors

Info.

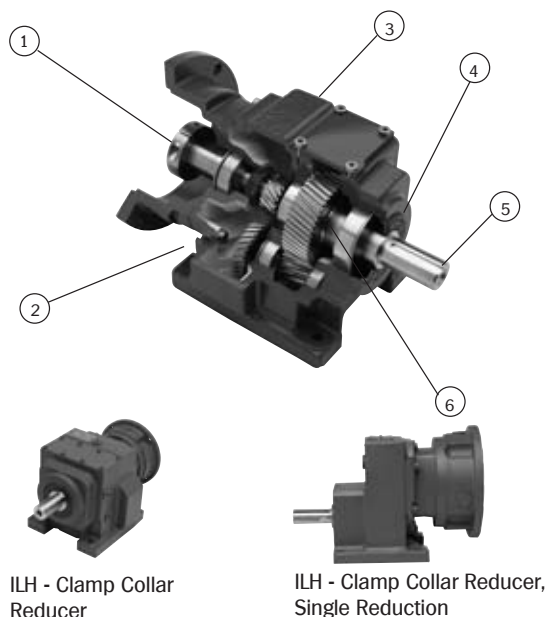
QUANTIS® Modular Gear Reducer

The DODGE QUANTIS product line offers a full line of modular gear drives engineered for flexibility, greater torque density in a compact housing configuration, and increased power capability from 0.18 to 55kW. The QUANTIS family of products offers the customer three types of gear reducers: In-Line Helical (ILH), Right-Angle Helical Bevel (RHB)

and Motorized Shaft Mount (MSM). All three types of reducers are dimensionally interchangeable with major global competitors.

A range of QUANTIS gear reducers and integral gearmotors are built to order within our Bristol, UK facility with minimal leadtime.

QUANTIS ILH C-Face Reducer / Integral Gearmotor



- Multiple input options
 - B5 Flange & C-Face adapters for mounting of NEMA and IEC motors
 - Integral Gearmotors
 - Separate Input
- All gearboxes are factory filled with Mobilgear 600 XP 220
- Reducer housings are constructed of class 30 gray iron with cast internal ribbing for added strength
- Spring loaded double lip seals of nitrile rubber (NBR) material. All seals are rubber coated to eliminate seal-to-bore joint leakage.
- High strength carbon steel shafts in inch or metric diameters
- Gearing is of single helical design and ground to provide ellipsoid tooth which eliminates tooth wearing and assures meshing in the strongest tooth area
 - Gear material is alloy steel
 - Gears are case hardened and ground to AGMA class 11
 - 20 degree pressure angle to minimize noise
 - 98% efficient per stage of gearing

The QUANTIS In-Line Helical (ILH) product line offers a full line of modular gear drives engineered for flexibility, increased torque density in a compact housing configuration and increased horsepower capability. QUANTIS ILH is available in eight sizes, ILH38 - ILH168.

Ratings:

Ratio:	1.41:1 - 359:1
Torque:	Torque 13 Nm – 14,000 Nm
Input Power:	0.18 kW – 55 kW / 1/4 Hp - 75 Hp

Input Options:

Clamp Collar:	Compact / space saving B5 Flange / C-Face adapter which allows the mounting of both IEC and NEMA Motors IEC motors: 71D - 200D NEMA motors: 56C - 360TC
3 Piece Coupled	Allows for easy separation of the c-face motor and is excellent for applications requiring frequent stops / starts IEC motors: 80D - 250D NEMA motors: 56C - 360TC
Integral Gearmotor	0.18 kW – 7.5 kW / 1/4 HP - 10 Hp IP 55 enclosure CSA approved Class F Insulation Integral motors suitable for VFD's (variable frequency drives) 6:1 constant torque Brakemotor
Separate Inputs	Suitable for use with belt, chain drive or direct coupled motor connections Input shafts available with either inch or metric diameters

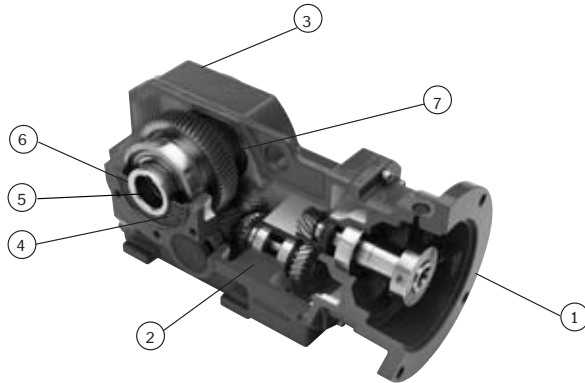
Output Options:

Solid Output Shaft	Inch or metric diameters
Flange	B5 or B14 Flange

Housing Configurations:

Foot Mounted
Flange Mounted

QUANTIS RHB C-Face Reducer / Integral Gearmotor



RHB - B14 Flange Mounted,
Clamp Collar, Tapered Bushed
Reducer



RHB - B5 Flange
Mounted Reducer

- Multiple input options
 - B5 Flange & C-Face adapters for mounting of NEMA and IEC motors
 - Integral Gearmotors
 - Separate Input
- All gearboxes are factory filled with Mobilgear 600 XP 220
- Reducer housings are constructed of class 30 gray iron with cast internal ribbing for added strength
- Spring loaded double lip seals of nitrile rubber (NBR) material. All seals are rubber coated to eliminate seal-to-bore joint leakage.
- High strength carbon steel shafts in inch or metric diameters
- Multiple output options
 - Single or double output shafts
 - Straight hollow bore
 - Tapered hollow bore
 - Shrink disk
- Gearing is of single helical design and ground to provide ellipsoid tooth which eliminates tooth wearing and assures meshing in the strongest tooth area. RHB reducers also utilize spiral bevel gearing
 - Gear material is alloy steel
 - Helical gears are case hardened and ground to AGMA class 11.
 - Bevel gears are hardened and lapped
 - 20 degree pressure angle to minimize noise
 - 94% efficient

The QUANTIS Right Angle Helical Bevel (RHB) product line features a helical-bevel-helical gear train that offers cost-effective, high and low speed solutions with efficiency ratings up to 94%. QUANTIS RHB is available in eight sizes, RHB38 - RHB168.

Ratings:

Ratio:	4.83:1 - 307:1
Torque:	Torque 46Nm – 13,500 Nm
Input Power:	0.18 kW – 55 kW / 1/4 Hp - 75 Hp

Input Options:

Clamp Collar:	Compact / space saving B5 Flange / C-Face adapter which allows the mounting of both IEC and NEMA Motors IEC motors: 71D - 200D NEMA motors: 56C - 360TC
3 Piece Coupled	Allows for easy separation of the c-face motor and is excellent for applications requiring frequent stops / starts IEC motors: 80D - 250D NEMA motors: 56C - 360TC
Integral Gearmotor	0.18 kW – 7.5 kW / 1/4 HP - 10 Hp IP 55 enclosure CSA approved Class F Insulation Integral motors suitable for VFD's (variable frequency drives) 6:1 constant torque Brakemotor
Separate Inputs	Suitable for use with belt, chain drive or direct coupled motor connections Input shafts available with either inch or metric diameters

Output Options:

Single & Double Output Shaft	Inch or metric diameters
Straight Hollow Bore	Inch or metric diameters
Twin Tapered Bushing	Inch or metric diameters, standard or short shaft bushings
Shrink Disk	Metric diameters
Flange	B5 or B14 Flange
CEMA Screw Conveyor	Standard or XT harsh duty adapters, CEMA 3 hole drive shafts

Housing Configurations:

Foot Mounted
Flange Mounted

AC Motors

DC Motors &
Drives

AC Drives

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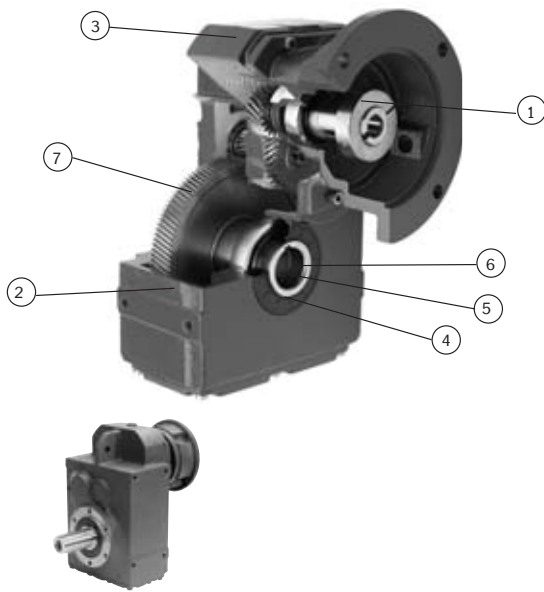
Motion Control

Servo Drives

Servo/Motion
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Info.

QUANTIS MSM C-Face Reducer / Integral Gearmotor



- Multiple input options
 - B5 Flange & C-Face adapters for mounting of NEMA and IEC motors
 - Integral Gearmotors
 - Separate Input
- All gearboxes are factory filled with Mobilgear 600 XP 220
- Reducer housings are constructed of class 30 gray iron with cast internal ribbing for added strength
- Spring loaded double lip seals of nitrile rubber (NBR) material. All seals are rubber coated to eliminate seal-to-bore joint leakage.
- High strength carbon steel shafts in inch or metric diameters
- Multiple output options
 - Solid shaft
 - Straight hollow bore
 - Tapered hollow bore
 - Shrink disk
- Gearing is of single helical design and ground to provide ellipsoid tooth which eliminates tooth wearing and assures meshing in the strongest tooth area.
 - Gear material is alloy steel
 - Gears are case hardened and ground to AGMA class 11
 - 20 degree pressure angle to minimize noise
 - 98% efficient per stage of gearing

MSM - Clamp Collar Reducer

The QUANTIS Motorized Shaft Mount (MSM) product line features a universal housing style for versatile mounting capability. QUANTIS MSM is available in eight sizes, MSM38 - MSM168.

Ratings:

Ratio:	6.65:1 - 350:1
Torque:	80 Nm – 13,400 Nm
Input Power:	0.18 kW – 55 kW / 1/4 Hp - 75 Hp

Input Options:

Clamp Collar:	Compact / space saving B5 Flange / C-Face adapter which allows the mounting of both IEC and NEMA Motors IEC motors: 71D - 200D NEMA motors: 56C - 360TC
3 Piece Coupled	Allows for easy separation of the c-face motor and is excellent for applications requiring frequent stops / starts IEC motors: 80D - 250D NEMA motors: 56C - 360TC
Integral Gearmotor	0.18 kW – 7.5 kW / 1/4 Hp - 10 Hp IP 55 enclosure CSA approved Class F Insulation Integral motors suitable for VFD's (variable frequency drives) 6:1 constant torque Brakemotor
Separate Inputs	Suitable for use with belt, chain drive or direct coupled motor connections Input shafts available with either inch or metric diameters

Output Options:

Single Output Shaft	Inch or metric diameters
Straight Hollow Bore	Inch or metric diameters
Twin Tapered Bushing	Inch or metric diameters, standard or short shaft bushings
Shrink Disk	Metric diameters
Flange	B5 or B14 Flange
CEMA Screw Conveyor	Standard or XT harsh duty adapters, CEMA 3 hole drive shafts

Housing Configurations:

Universal Mounting

QUANTIS Accessories

**XT Harsh Duty Output Seal**

- Multiple-lip design
- Rubber coated inner and outer ring
- Vertical flange on inner sleeve protects the lip from high pressure washdown
- Two dirt excluder lips which fling dirt away and provide a labyrinth
- Best protection for washdown and abrasive materials

**RHB Torque Arm Bracket**

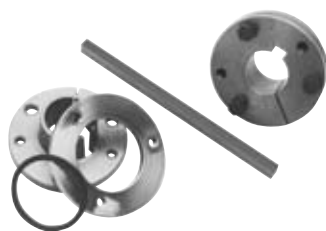
- RHB Torque Arm Bracket (K) includes bracket and fastener for shaft mounted applications utilizing the "BF" style housing

**Backstop**

- Helps prevent the reverse rotation in high stop-start loads and results in less wear and longer life.
- It's centrifugal throw out design eliminates sprag sliding and reduces wear
- It operates with standard and EP lubricants and requires no external lubrication
- For use with 3 piece coupling and separate inputs

**RHB Tie Rod Kit**

- RHB Tie Rod Kit (KR) includes mounting bracket, adjustable length torque arm and fulcrum with fasteners for shaft mounted applications utilizing the "BF" style housing

**Standard Twin Tapered Bushing Kit**

- An easy on, easy off, no wobble bushing system
- Features a fully split, ductile iron, 8-degree taper and reliable twin support
- Inch and metric bores

**Short Shaft Twin Tapered Bushing Kit**

- Eliminates the need for full length shafts
- Inch and metric bores

**ILH Adjustable Slide Base**

- Positions the reducer, proving simplified installation and servicing of belt and chain drives

AC Motors

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Servo/Motion
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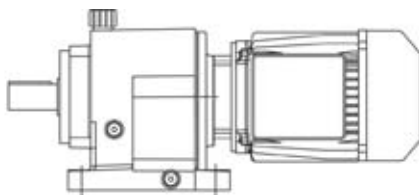
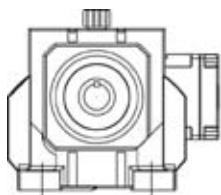
Build Centre Nomenclature for Quantis

Type	Size	Input Type	Frame			Output type	Ratio	Options
H = ILH (HB)	3 = 38	P = IEC CC	IEC B5 Flange			M = MM SHAFT	000.00	F = B5 Flange
B = RHB (BB)	4 = 48	K = kW INT	71	=	71	MB = MM Shaft B		B = Brake
BF = RHB (BF)	6 = 68		80	=	80	HM= MM HOLLOW		
	8 = 88	C = NEMA CC	90	=	90	T = TAPER		
	10 = 108	H = HP INT	10	=	100			
			11	=	112			
			13	=	132			
			16	=	160			
			18	=	180			
			HP C-FACE					
			56	=	56			
			14	=	140			
			18	=	180			
			21	=	210			
			25	=	250			
			28	=	280			
			Integral Motors					
				kW	HP			
			71C	.18	0.25			
			71D	.25	0.33			
			71E	.37	0.5			
			80F	.55	0.75			
			80G	.75	1			
			90H	1.1	1.5			
			90I	1.5	2			
			10J	2.2	3			
			10K	3	---			
			11L	3.7 / 4	5			
			13M	5.5	7.5			
			13N	7.5	10			
			16O	11	15			
			16P	15	20			

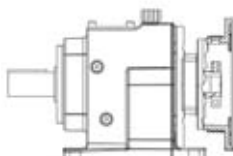
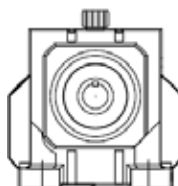
Examples:

Type	Size	Input Type	Frame			Output type	Ratio	Options
H	4	K	90H			M	02653	
Example: H4K90HM02095								
H	6	C	18			M	07330	
Example: H6C18M02825								
B	3	K	80F			M	03973	
Example: B3K80FM03973								
BF	8	P	11L			HM	04150	
Example: BF8P11LHM04150								
BF	10	P	16O			M	02648	F
Example: BF10P16OM02648F								
B	6	C	14			HM	13660	
Example: B6P80HM13660								
BF	10	K	16P			T	01936	
Example: BF10P16PT01936								

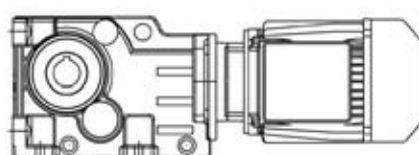
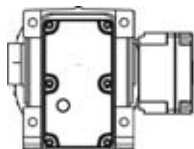
Build Centre Examples

**H4K90HM02653**

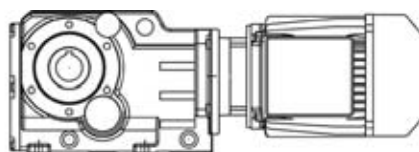
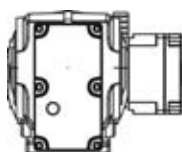
- In-Line Helical / Foot Mounted
- Case Size 68
- Integral Gearmotor
- 1.1 kW Input Power
- Solid Shaft
- Ratio of 28.25

**H6C18HM07330**

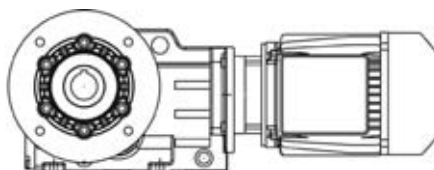
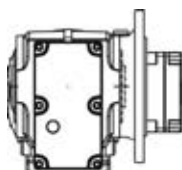
- In-Line Helical / Foot Mounted
- Case Size 68
- C-Face Clamp Collar Input
- 180 NEMA C Frame Input
- Solid Shaft
- Ratio of 28.25

**B3K80FM03973**

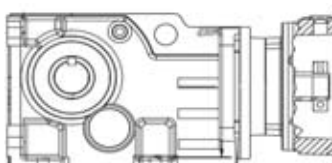
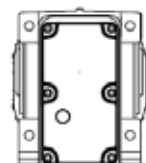
- Right Angle Bevel / Foot Mounted
- Case Size 38
- Integral Gearmotor
- 0.55 kW Input Power
- Solid Shaft with "A" shaft location
- Ratio of 39.73

**BF8P11LHM04150**

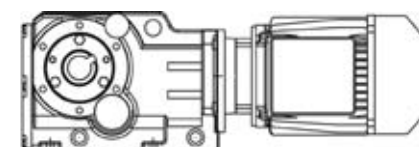
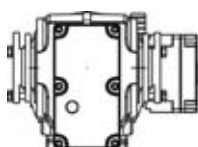
- Right Angle Bevel / B14 Flange Mount
- Case Size 88
- B5 Flange Gearmotor
- 4.0 kW Input Power
- Straight Hollow Bore
- Ratio of 41.50

**BF10P160M02648F**

- Right Angle Bevel / B5 Flange Mount
- Case Size 108
- B5 Flange Gearmotor
- 11 kW Input Power
- Solid Shaft with "A" shaft location
- Ratio of 26.48

**B6P80HM13660**

- Right Angle Bevel / Foot Mounted
- Case Size 68
- C-Face Clamp Collar Input
- 140 NEMA C Frame Input
- Straight Hollow Bore
- Ratio of 136.60

**BF10P16PT01936**

- Right Angle Bevel / B14 Flange Mount
- Case Size 108
- B5 Flange Gearmotor
- 15 kW Input Power
- Twin Tapered Bushed
- Ratio of 19.36

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QUANTIS RHB Selection Table (1.00 Reducer Service Factor)

Nominal Ratio	Output RPM @ 1450 Input	Motor kW (1450 RPM / IEC Motor Frame)																		
		0.18	0.25	0.37	0.55	0.75	1.1	1.5	2.2	3.7/4	5.5	7.5	11	15	18.5	22	30	37.5	45	55
		71	71	71	80	80	90	90	100	112	132	132	160	160	180	180	200	225	225	250
5	290	B3	B3	B3	B3	B3	B3	B3	B3	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
7.5	193	B3	B3	B3	B3	B3	B3	B3	B3	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
10	145	B3	B3	B3	B3	B3	B3	B3	B3	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
12.5	116	B3	B3	B3	B3	B3	B3	B3	B3	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
15	97	B3	B3	B3	B3	B3	B3	B3	B3	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
17.5	83	B3	B3	B3	B3	B3	B3	B3	B4	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
20	73	B3	B3	B3	B3	B3	B3	B3	B4	B6	B8	B8	B10	B10	B12	B12	B12	B14	B14	B16
25	58	B3	B3	B3	B3	B3	B3	B3	B4	B6	B8	B8	B10	B10	B12	B12	B14	B14	B14	B16
30	48	B3	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B12	B12	B12	B14	B14	B16	
35	41	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B10	B12	B12	B14	B16	B16	B16	
40	36	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B12	B12	B14	B14	B16	B16	B16	
45	32	B3	B3	B3	B3	B3	B4	B4	B6	B8	B10	B10	B12	B14	B14	B14	B16	B16	B16	
50	29	B3	B3	B3	B3	B3	B4	B6	B6	B8	B10	B10	B12	B14	B14	B14	B16	B16		
60	24	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B12	B12	B14	B14	B16	B16			
70	21	B3	B3	B3	B3	B4	B6	B6	B8	B10	B10	B12	B14	B14	B16	B16	B16			
80	18	B3	B3	B3	B4	B4	B6	B6	B8	B10	B12	B12	B14	B16	B16	B16				
90	16	B3	B3	B3	B4	B6	B6	B8	B8	B10	B12	B12	B14	B16	B16	B16				
100	15	B3	B3	B3	B4	B6	B6	B8	B8	B10	B12	B14	B14	B16	B16					
125	12	B3	B3	B4	B4	B6	B8	B8	B10	B12	B12	B14	B16	B16						
150	10	B3	B3	B4	B6	B6	B8	B8	B10	B12	B14	B14	B16							
175	8.3	B3	B4	B4	B6	B8	B8	B10	B10	B12	B14	B16	B16							
200	7.3	B6	B6	B6	B6	B8	B8	B10	B10	B12	B14	B16								
225	6.4	B6	B6	B6	B6	B8	B8	B10	B12	B14	B14	B16								
250	5.8	B6	B6	B6	B8	B8	B10	B10	B12	B14	B16	B16								
275	5.3	B8	B8	B8	B8	B8	B10	B10	B12	B14	B16									
300	4.8	B8	B8	B8	B8	B8	B10	B12	B12	B14										

Nominal Ratio	Output RPM @ 1750 Input	Motor HP (1750 RPM / NEMA Motor Frame)																		
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75
		56	56	56	56	140	140	140	180	180	210	210	250	250	280	280	320	320	360	360
5	350	B3	B3	B3	B3	B3	B3	B3	B3	B3	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
7.5	233	B3	B3	B3	B3	B3	B3	B3	B3	B3	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
10	175	B3	B3	B3	B3	B3	B3	B3	B3	B3	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
12.5	140	B3	B3	B3	B3	B3	B3	B3	B3	B3	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
15	117	B3	B3	B3	B3	B3	B3	B3	B3	B4	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
17.5	100	B3	B3	B3	B3	B3	B3	B3	B3	B4	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
20	88	B3	B3	B3	B3	B3	B3	B3	B3	B4	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
25	70	B3	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
30	58	B3	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B10	B12	B12	B14	B14	B16	B16
35	50	B3	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B10	B12	B12	B14	B16	B16	B16
40	44	B3	B3	B3	B3	B3	B3	B4	B6	B6	B8	B10	B10	B12	B12	B14	B14	B16	B16	
45	39	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B10	B12	B14	B14	B14	B16	B16	
50	35	B3	B3	B3	B3	B3	B4	B4	B6	B8	B8	B10	B12	B12	B14	B14	B16	B16	B16	
60	29	B3	B3	B3	B3	B3	B4	B6	B6	B8	B10	B10	B12	B14	B14	B14	B16	B16		
70	25	B3	B3	B3	B3	B4	B6	B6	B8	B8	B10	B10	B12	B14	B14	B16	B16			
80	22	B3	B3	B3	B3	B4	B6	B6	B8	B10	B10	B12	B14	B14	B16	B16	B16			
90	19	B3	B3	B3	B4	B4	B6	B6	B8	B10	B10	B12	B14	B14	B16	B16				
100	18	B3	B3	B3	B4	B4	B6	B6	B8	B10	B12	B12	B14	B14	B16	B16				
125	14	B3	B3	B4	B4	B6	B6	B8	B8	B10	B12	B14	B14	B16	B16					
150	12	B3	B3	B4	B6	B6	B8	B8	B10	B10	B12	B14	B16	B16						
175	10	B3	B3	B4	B6	B6	B8	B8	B10	B12	B14	B14	B16							
200	8.8	B6	B6	B6	B6	B6	B8	B8	B10	B12	B14	B14	B16							
225	7.8	B6	B6	B6	B6	B8	B8	B10	B10	B12	B14	B16								
250	7.0	B6	B6	B6	B6	B8	B8	B10	B10	B14	B14	B16								
275	6.4	B8	B8	B8	B8	B8	B10	B10	B12	B14	B16	B16								
300	5.8	B8	B8	B8	B8	B8	B10	B10	B12	B14										

- Ratios listed above are nominal ratios.
- Gearboxes that can be built in the Bristol (UK) build center are shown in the shaded area

Bearings

For more than 120 years, Baldor•DODGE® has been one of the leading suppliers of power transmission products and system components in the world. Today we utilize our global resources to ensure that bearing users throughout the world have access to the highest quality and best selection of mounted bearings in the industry.



Mounted Ball

When it comes to reliable service and low maintenance, Baldor•DODGE mounted ball bearings are unmatched in the industry. All Baldor•DODGE mounted ball bearings are available in any of our proven locking devices: our exclusive 65° setscrew locking system, eccentric locking collars, D-LOK™ concentric clamp locking system and our patented* GRIP TIGHT® adapter mounted ball bearing.

All DODGE mounted bearing products are backed by our worldwide distribution system and our highly trained and experienced technical sales team.

- Aggregate / Cement
- Mining
- HVAC / Air Handling
- Unit / Baggage handling
- Food / Beverage / Pharmaceutical
- Forest / Paper products



Roller Bearings

Baldor•DODGE developed the original Type E bearing in the 1940s. For decades, industry's leading producers have depended on our roller bearings to handle their conveyance and power transmission needs. Throughout the years, its reputation for reliability has remained, and from that innovation and engineering a complete family of roller bearings has evolved. Today, our bearings offer innovative designs; a wide range of shaft attachment methods, rolling elements, housings, and seal choices; patented features; and consistent performance.

- Aggregate / Cement
- Mining
- Food / Beverage / Pharmaceutical
- Forest / Paper products



EZ-KLEEN & ULTRA-KLEEN Bearings

E-Z KLEEN and ULTRA KLEEN bearings for the food and beverage industry offer an array of features that provide extended life in these challenging conditions. Baldor•DODGE has the only bearings in the industry to offer a patented triple-lip seal with a rubberized flinger called the QuadGuard™ sealing system. These units also include an exclusive ball retainer called the Maxlife™ cage that helps retain lubrication and prevents washout in wet environments.

- Food / Beverage
- Pharmaceutical packaging
- Processing industries



Plummer Block

Baldor•DODGE offers a wide variety of plummer and sleeve bearings that are uniquely engineered to provide reliable performance – even in the harshest environments. Ideal for mining, air handling, unit handling, high temperature, and food & beverage applications, they feature patented technologies that reduce maintenance and ensure long service life.

Numerous designs allow you to select the best bearing style for any application – from a simple SOLIDLUBE® bearing to a SLEEVOIL® hydrodynamic externally cooled bearing.

In addition, our accessories, and circulating oil systems extend your value. Housings may be drilled and tapped to accept temperature, vibration and speed monitoring devices.

- Aggregate / Cement
- Mining
- Air Handling
- Food / Beverage / Pharmaceutical
- Wood products





Applications: Unit Handling & Conveying; Baggage Handling; Air Handling; Food Processing; Bulk Handling/Aggregate; Forest Products; Paper Converting; Textiles

Features: Normal and medium duty adapter ball bearing with fully concentric 360° inner ring, patent pending pull/push adapter system, decreased labor during bearing removal.

**GRIP TIGHT® Mounted Ball Bearing Units / Standard Gehäuselagereinheiten /
Paliers auto-aligneur / Unidades completas con insertos / Soporti con cuscinetti a sfere**

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Pillow block units / Stehlagergehäuse / Paliers à semelle / Soportes de pie / Soporti ritti			
129420	P2B-GT-03 (203 SERIES)	0.40	B14E
129432	P2B-GTU-03 (203 SERIES)	0.45	B14E
129421	P2B-GT-04 (204 SERIES)	0.62	B14E
129422	P2B-GT-05 (205 SERIES)	0.73	B14E
129423	P2B-GT-06 (206 SERIES)	1.11	B14E
129419	P2B-GTU-06 (206 SERIES)	1.08	B14E
129424	P2B-GT-07 (207 SERIES)	1.34	B14E
129425	P2B-GT-08 (208 SERIES)	2.03	B14E
129426	P2B-GT-09 (209 SERIES)	2.10	B14E
129427	P2B-GT-10 (210 SERIES)	2.50	B14E
129428	P2B-GT-11 (211 SERIES)	3.12	B14E
129429	P2B-GT-12 (212 SERIES)	3.84	B14E
129430	P2B-GT-14 (214 SERIES)	4.29	B14E
129431	P2B-GT-15 (215 SERIES)	7.50	B14E
129453	P2B-GT-16 (216 SERIES)	8.00	B14E
129454	P2B-GT-18 (218 SERIES)	12.27	B14E
129433	P2B-GTB-04 (204 SERIES)	0.59	B14E
129434	P2B-GTB-05 (205 SERIES)	0.67	B14E
129435	P2B-GTB-06 (206 SERIES)	1.03	B14E
129436	P2B-GTB-07 (207 SERIES)	1.30	B14E
129437	P2B-GTB-08 (208 SERIES)	1.88	B14E
129438	P2B-GTB-09 (209 SERIES)	2.06	B14E
129439	P2B-GTB-10 (210 SERIES)	2.36	B14E
129440	P2B-GTB-11 (211 SERIES)	3.02	B14E
129441	P2B-GTB-12 (212 SERIES)	3.83	B14E
129203	P2B-GT-17M	0.48	B14E
129204	P2B-GTU-17M	0.53	B14E
129205	P2B-GT-20M	0.70	B14E
129206	P2B-GT-25M	0.85	B14E
129207	P2B-GT-30M	1.26	B14E
129208	P2B-GTU-30M	1.23	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
129209	P2B-GT-35M	1.54	B14E
129149	P2B-GT-40M	2.03	B14E
129211	P2B-GT-45M	2.32	B14E
129212	P2B-GT-50M	2.68	B14E
129213	P2B-GT-55M	3.45	B14E
129214	P2B-GT-60M	4.45	B14E
129215	P2B-GT-70M	5.78	B14E
129216	P2B-GT-75M	8.33	B14E
129150	P2B-GT-008	0.51	B14E
129152	P2B-GTU-008	0.55	B14E
129151	P2B-GT-010	0.49	B14E
129153	P2B-GTU-010	0.53	B14E
129154	P2B-GT-012	0.71	B14E
129155	P2B-GT-014	0.88	B14E
129156	P2B-GT-015	0.86	B14E
129157	P2B-GT-100	0.86	B14E
129158	P2B-GT-102	1.28	B14E
129159	P2B-GT-103	1.29	B14E
129160	P2B-GT-104S	1.25	B14E
129841	P2B-GTU-102	1.25	B14E
129842	P2B-GTU-103	1.22	B14E
129843	P2B-GTU-104S	1.20	B14E
129161	P2B-GT-104	1.61	B14E
129162	P2B-GT-106	1.54	B14E
129163	P2B-GT-107	1.52	B14E
129164	P2B-GT-108	2.30	B14E
129165	P2B-GT-110L	2.41	B14E
129166	P2B-GT-111	2.37	B14E
129167	P2B-GT-112	2.34	B14E
129168	P2B-GT-115	3.43	B14E
129169	P2B-GT-200	2.79	B14E
129170	P2B-GT-203	3.48	B14E
129171	P2B-GT-207	4.40	B14E
129172	P2B-GT-211	5.86	B14E
129173	P2B-GT-215	8.40	B14E
129040	P2B-GTB-20M	0.67	B14E
129041	P2B-GTB-25M	0.79	B14E
129042	P2B-GTB-30M	1.18	B14E
129043	P2B-GTB-35M	1.50	B14E
129210	P2B-GTB-40M	2.11	B14E
129044	P2B-GTB-45M	2.29	B14E
129045	P2B-GTB-50M	2.64	B14E
129046	P2B-GTB-55M	3.55	B14E
129047	P2B-GTB-60M	4.30	B14E
129183	P2B-GTB-012	0.68	B14E
129184	P2B-GTB-014	0.82	B14E
129185	P2B-GTB-015	0.80	B14E
129186	P2B-GTB-100	0.80	B14E
129187	P2B-GTB-102	1.20	B14E
129188	P2B-GTB-103	1.17	B14E
129189	P2B-GTB-104S	1.15	B14E
129190	P2B-GTB-104	1.58	B14E

AC Motors

DC Motors &
Drives

AC Drives

Gearing

Bearings

Couplings

Motion Control

Servo Drives

Servo/Motion
AccessoriesAC Servo
Motors

Info.

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
129191	P2B-GTB-106	1.50	B14E
129192	P2B-GTB-107	1.49	B14E
129193	P2B-GTB-108	2.15	B14E
129194	P2B-GTB-110L	2.38	B14E
129195	P2B-GTB-111	2.34	B14E
129196	P2B-GTB-112	2.30	B14E
129197	P2B-GTB-115	2.66	B14E
129198	P2B-GTB-200	2.65	B14E
129199	P2B-GTB-200L	3.55	B14E
129200	P2B-GTB-203	3.40	B14E
129201	P2B-GTB-204L	4.42	B14E
129202	P2B-GTB-207	4.39	B14E
136258	P2B-GTM-25M	1.32	B14E
129049	P2B-GTM-30M	1.61	B14E
136259	P2B-GTM-35M	2.29	B14E
136260	P2B-GTM-40M	2.44	B14E
136261	P2B-GTM-45M	2.81	B14E
136262	P2B-GTM-50M	3.62	B14E
136263	P2B-GTM-55M	4.64	B14E
136264	P2B-GTM-65M	6.03	B14E
136265	P2B-GTM-70M	8.62	B14E
136266	P2B-GTM-75M	8.90	B14E
136267	P2B-GTM-85M	13.35	B14E
129217	P2B-GTM-100	1.30	B14E
129218	P2B-GTM-103	1.61	B14E
129219	P2B-GTM-107	2.33	B14E
129220	P2B-GTM-108	2.49	B14E
129221	P2B-GTM-111	2.86	B14E
129222	P2B-GTM-112	2.82	B14E
129223	P2B-GTM-115	3.71	B14E
129224	P2B-GTM-200	3.58	B14E
129225	P2B-GTM-203	4.56	B14E
129226	P2B-GTM-204	4.56	B14E
129227	P2B-GTM-207	6.17	B14E
129228	P2B-GTM-208	6.10	B14E
129229	P2B-GTM-211	8.77	B14E
129230	P2B-GTM-215	9.28	B14E
129231	P2B-GTM-300	8.72	B14E
129232	P2B-GTM-307	13.60	B14E
129233	P2B-GTM-308	13.53	B14E
Tapped Base Pillow Block / Stehlagergehäuse für Befestigung mittels Gewindebohrung / Paliers à semelle avec base taraudée / Soportes de base roscada / Sopporti ritti con fori filettati sotto la base			
129457	TB-GT-04 (204 SERIES)	0.61	B14E
129458	TB-GT-05 (205 SERIES)	0.70	B14E
129459	TB-GT-06 (206 SERIES)	1.13	B14E
129460	TB-GT-07 (207 SERIES)	1.57	B14E
129461	TB-GT-08 (208 SERIES)	1.87	B14E
129462	TB-GT-09 (209 SERIES)	2.31	B14E
129463	TB-GT-10 (210 SERIES)	2.73	B14E
136384	TB-GT-05 (METRIC 205 SERIES)	0.70	B14E
136366	TB-GT-25M	0.82	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
		#N/A	
129276	TB-GT-012	0.71	B14E
129148	TB-GT-014	0.85	B14E
129277	TB-GT-015	0.84	B14E
129278	TB-GT-100	0.84	B14E
129279	TB-GT-102	1.30	B14E
129280	TB-GT-103	1.27	B14E
129281	TB-GT-104S	1.25	B14E
129282	TB-GT-104	1.82	B14E
129283	TB-GT-106	1.77	B14E
129284	TB-GT-107	1.75	B14E
129285	TB-GT-108	2.15	B14E
129286	TB-GT-110L	2.63	B14E
129287	TB-GT-111	2.59	B14E
129288	TB-GT-112	2.55	B14E
129289	TB-GT-115	3.05	B14E
129290	TB-GT-200	3.04	B14E
2-Bolt flange units / Zweifloch-Flanschlagergehäuse / Paliers flasques, 2 trous / Soportes brida, 2 taladros / Sopporti a flangia a 2 fori			
129490	F2B-GT-03 (203 SERIES)	0.31	B14E
129491	F2B-GT-04 (204 SERIES)	0.51	B14E
129492	F2B-GT-05 (205 SERIES)	0.61	B14E
129493	F2B-GT-06 (206 SERIES)	0.79	B14E
129494	F2B-GT-07 (207 SERIES)	1.20	B14E
129495	F2B-GT-08 (208 SERIES)	1.50	B14E
129496	F2B-GT-09 (209 SERIES)	1.20	B14E
129497	F2B-GT-10 (210 SERIES)	1.99	B14E
129498	F2B-GT-11 (211 SERIES)	2.78	B14E
129078	F2B-GT-12 (212 SERIES)	3.60	B14E
129321	F2B-GT-17M	0.39	B14E
129322	F2B-GT-20M	0.60	B14E
129323	F2B-GT-25M	0.74	B14E
129324	F2B-GT-30M	0.94	B14E
129325	F2B-GT-35M	1.40	B14E
129326	F2B-GT-40M	1.73	B14E
129327	F2B-GT-45M	2.06	B14E
129328	F2B-GT-50M	2.27	B14E
129329	F2B-GT-55M	3.16	B14E
129301	F2B-GT-008	0.42	B14E
129302	F2B-GT-010	0.40	B14E
129303	F2B-GT-012	0.60	B14E
129304	F2B-GT-014	0.76	B14E
129305	F2B-GT-015	0.75	B14E
129306	F2B-GT-100	0.75	B14E
129307	F2B-GT-102	0.95	B14E
129308	F2B-GT-103	0.97	B14E
129310	F2B-GT-104	1.47	B14E
129309	F2B-GT-104S	0.92	B14E
129311	F2B-GT-106	1.40	B14E
129312	F2B-GT-107	1.38	B14E
129313	F2B-GT-108	1.77	B14E
129314	F2B-GT-110L	2.15	B14E
129315	F2B-GT-111	2.11	B14E
129316	F2B-GT-112	2.07	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
129317	F2B-GT-115	2.29	B14E
129318	F2B-GT-200	2.28	B14E
129319	F2B-GT-203	3.13	B14E
129369	F2B-GTM-012	0.79	B14E
129330	F2B-GTM-100	1.01	B14E
129331	F2B-GTM-103	1.48	B14E
129332	F2B-GTM-107	1.80	B14E
129333	F2B-GTM-108	2.22	B14E
129334	F2B-GTM-111	2.45	B14E
129335	F2B-GTM-112	2.41	B14E
129336	F2B-GTM-115	3.34	B14E
129337	F2B-GTM-200	3.28	B14E
136268	F2B-GTM-25M	1.00	B14E
136269	F2B-GTM-30M	1.48	B14E
136270	F2B-GTM-35M	1.84	B14E
136271	F2B-GTM-40M	2.18	B14E
136272	F2B-GTM-45M	1.99	B14E
136273	F2B-GTM-50M	3.32	B14E
136274	F2B-GTM-55M	4.29	B14E
4-Bolt flange units / Vierloch-Flanschlagergehäuse / Paliers flasques, 4 trous / Soportes brida, 4 taladros / Sopporti a flangia a 4 fori			
129464	F4B-GT-03 (203 SERIES)	0.47	B14E
129465	F4B-GT-04 (204 SERIES)	0.47	B14E
129466	F4B-GT-05 (205 SERIES)	0.80	B14E
129467	F4B-GT-06 (206 SERIES)	1.11	B14E
129468	F4B-GT-07 (207 SERIES)	1.48	B14E
129469	F4B-GT-08 (208 SERIES)	1.89	B14E
129470	F4B-GT-09 (209 SERIES)	2.26	B14E
129471	F4B-GT-10 (210 SERIES)	2.56	B14E
129472	F4B-GT-11 (211 SERIES)	3.48	B14E
129473	F4B-GT-12 (212 SERIES)	4.13	B14E
129474	F4B-GT-14 (214 SERIES)	5.69	B14E
129475	F4B-GT-15 (215 SERIES)	6.89	B14E
129486	F4B-GT-16 (216 SERIES)	7.43	B14E
129487	F4B-GT-18 (218 SERIES)	10.20	B14E
129667	F4B-GT-17M	0.55	B14E
129668	F4B-GT-20M	0.55	B14E
129669	F4B-GT-25M	0.92	B14E
129670	F4B-GT-30M	1.26	B14E
129671	F4B-GT-35M	1.68	B14E
129672	F4B-GT-40M	2.12	B14E
129673	F4B-GT-45M	2.49	B14E
129674	F4B-GT-50M	2.87	B14E
129675	F4B-GT-55M	3.84	B14E
129676	F4B-GT-60M	4.62	B14E
129677	F4B-GT-70M	6.18	B14E
129678	F4B-GT-75M	7.84	B14E
129637	F4B-GT-008	0.57	B14E
129638	F4B-GT-010	0.55	B14E
129639	F4B-GT-012	0.56	B14E
129640	F4B-GT-014	0.95	B14E
129641	F4B-GT-015	0.93	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
129642	F4B-GT-100	0.93	B14E
129643	F4B-GT-102	1.28	B14E
129644	F4B-GT-103	1.30	B14E
129646	F4B-GT-104	1.75	B14E
129645	F4B-GT-104S	1.24	B14E
129647	F4B-GT-106	1.68	B14E
129648	F4B-GT-107	1.66	B14E
129649	F4B-GT-108	2.16	B14E
129650	F4B-GT-110L	2.58	B14E
129651	F4B-GT-111	2.54	B14E
129652	F4B-GT-112	2.50	B14E
129653	F4B-GT-115	2.89	B14E
129654	F4B-GT-200	2.93	B14E
129655	F4B-GT-203	3.84	B14E
129656	F4B-GT-207	4.69	B14E
129657	F4B-GT-211	6.27	B14E
129658	F4B-GT-215	7.87	B14E
136275	F4B-GTM-25M	1.33	B14E
136276	F4B-GTM-30M	1.75	B14E
136277	F4B-GTM-35M	2.22	B14E
136278	F4B-GTM-40M	2.61	B14E
136279	F4B-GTM-45M	3.00	B14E
136280	F4B-GTM-50M	4.01	B14E
136281	F4B-GTM-55M	4.77	B14E
136282	F4B-GTM-65M	6.43	B14E
136283	F4B-GTM-70M	8.13	B14E
136284	F4B-GTM-75M	8.76	B14E
136285	F4B-GTM-85M	11.44	B14E
129679	F4B-GTM-012	0.97	B14E
129680	F4B-GTM-100	1.32	B14E
129681	F4B-GTM-103	1.75	B14E
129682	F4B-GTM-107	2.19	B14E
129683	F4B-GTM-108	2.65	B14E
129684	F4B-GTM-111	3.05	B14E
129685	F4B-GTM-112	3.01	B14E
129686	F4B-GTM-115	4.05	B14E
129687	F4B-GTM-200	3.99	B14E
129688	F4B-GTM-203	4.75	B14E
129689	F4B-GTM-204	4.70	B14E
129690	F4B-GTM-207	6.58	B14E
129691	F4B-GTM-208	6.50	B14E
129692	F4B-GTM-211	8.23	B14E
129693	F4B-GTM-215	8.70	B14E
129694	F4B-GTM-300	8.61	B14E
129695	F4B-GTM-307	11.26	B14E
129696	F4B-GTM-308	11.46	B14E
4-Bolt flange units, piloted / Vierloch-Flanschlageregehäuse, zentriert / Paliers flasques avec centrage, 4 trous / Soportes brida, centrados, 4 taladros / Sopporti a flangia a 4 fori, con centraggio			
129501	FC-GT-06 (206 SERIES)	1.00	B14E
129502	FC-GT-07 (207 SERIES)	1.42	B14E
129503	FC-GT-08 (208 SERIES)	1.60	B14E
129504	FC-GT-09 (209 SERIES)	2.01	B14E
129505	FC-GT-10 (210 SERIES)	2.38	B14E

AC Motors

DC Motors &
Drives

AC Drives

Gearing

Bearings

Couplings

Motion Control

Servo Drives

Servo/Motion
AccessoriesAC Servo
Motors

Info.

	Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
AC Motors	129506	FC-GT-11 (211 SERIES)	2.43	B14E
DC Motors & Drives	129507	FC-GT-12 (212 SERIES)	3.60	B14E
	129508	FC-GT-14 (214 SERIES)	4.74	B14E
	129509	FC-GT-16 (216 SERIES)	7.17	B14E
	129510	FC-GT-18 (218 SERIES)	11.36	B14E
AC Drives	129750	FC-GT-30M	1.15	B14E
	129751	FC-GT-35M	1.62	B14E
	129752	FC-GT-40M	1.84	B14E
	129753	FC-GT-45M	2.24	B14E
	129754	FC-GT-50M	2.65	B14E
	129755	FC-GT-55M	2.83	B14E
	129756	FC-GT-60M	4.10	B14E
	129757	FC-GT-70M	5.23	B14E
Gearing				
	129735	FC-GT-102	1.16	B14E
	129736	FC-GT-103	1.14	B14E
Bearings	129737	FC-GT-104S	1.12	B14E
	129739	FC-GT-106	1.62	B14E
	129740	FC-GT-107	1.60	B14E
	129741	FC-GT-108	1.88	B14E
	129742	FC-GT-110L	2.33	B14E
	129743	FC-GT-111	2.29	B14E
Couplings	129744	FC-GT-112	2.25	B14E
	129745	FC-GT-115	2.58	B14E
	129746	FC-GT-200	2.57	B14E
	129747	FC-GT-203	2.80	B14E
	129748	FC-GT-207	4.03	B14E
	129749	FC-GT-211	5.31	B14E
Motion Control				
	136286	FC-GTM-25M	1.00	B14E
	136287	FC-GTM-30M	1.70	B14E
	136288	FC-GTM-35M	1.94	B14E
Servo Drives	136289	FC-GTM-40M	2.01	B14E
	136290	FC-GTM-45M	7.17	B14E
	136291	FC-GTM-50M	3.00	B14E
	136292	FC-GTM-55M	4.28	B14E
	136293	FC-GTM-65M	5.48	B14E
	136294	FC-GTM-75M	8.34	B14E
	136295	FC-GTM-85M	12.79	B14E
Servo/Motion Accessories				
	129758	FC-GTM-100	1.20	B14E
	129759	FC-GTM-103	1.70	B14E
	129760	FC-GTM-107	1.91	B14E
	129761	FC-GTM-108L	2.40	B14E
AC Servo Motors	129762	FC-GTM-111	2.85	B14E
	129763	FC-GTM-112	2.81	B14E
	129764	FC-GTM-115	3.02	B14E
	129765	FC-GTM-200	2.95	B14E
	129766	FC-GTM-203	4.26	B14E
	129767	FC-GTM-204	4.21	B14E
	129768	FC-GTM-207	5.62	B14E
	129769	FC-GTM-208	5.55	B14E
	129770	FC-GTM-215	8.28	B14E
	129771	FC-GTM-300	8.15	B14E
Info.	129772	FC-GTM-307	12.62	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
129773	FC-GTM-308	12.48	B14E
Wide slot take-up units / Spannkopfgehäuse / Paliers tendeurs / Soportes tensores / Sopporti tensili			
136219	WSTU-GT-04 (204 SERIES)	0.80	B14E
136220	WSTU-GT-05 (205 SERIES)	2.15	B14E
136221	WSTU-GT-06 (206 SERIES)	1.10	B14E
136222	WSTU-GT-07 (207 SERIES)	1.39	B14E
136223	WSTU-GT-08 (208 SERIES)	2.23	B14E
136224	WSTU-GT-09 (209 SERIES)	2.24	B14E
136225	WSTU-GT-10 (210 SERIES)	2.34	B14E
136226	WSTU-GT-11 (211 SERIES)	3.80	B14E
136227	WSTU-GT-12 (212 SERIES)	4.35	B14E
136228	WSTU-GT-14 (214 SERIES)	6.65	B14E
136229	WSTU-GT-15 (215 SERIES)	7.13	B14E
136230	WSTU-GT-16 (216 SERIES)	7.83	B14E
136247	WSTU-GT-20M	0.88	B14E
136248	WSTU-GT-25M	2.27	B14E
136249	WSTU-GT-30M	1.25	B14E
136250	WSTU-GT-35M	1.59	B14E
136251	WSTU-GT-40M	2.46	B14E
136252	WSTU-GT-45M	2.47	B14E
136253	WSTU-GT-50M	2.61	B14E
136254	WSTU-GT-55M	4.16	B14E
136255	WSTU-GT-60M	4.85	B14E
136257	WSTU-GT-75M	8.01	B14E
136130	WSTU-GT-012	0.89	B14E
136131	WSTU-GT-014	2.30	B14E
136132	WSTU-GT-015	2.28	B14E
136133	WSTU-GT-100	2.26	B14E
136134	WSTU-GT-102	1.27	B14E
136135	WSTU-GT-103	1.25	B14E
136137	WSTU-GT-104	1.64	B14E
136136	WSTU-GT-104S	1.22	B14E
136138	WSTU-GT-106	1.59	B14E
136139	WSTU-GT-107	1.56	B14E
136140	WSTU-GT-108	2.50	B14E
136141	WSTU-GT-110	2.43	B14E
136143	WSTU-GT-111	2.52	B14E
136144	WSTU-GT-112	2.48	B14E
136145	WSTU-GT-115	2.63	B14E
136146	WSTU-GT-200	2.62	B14E
136147	WSTU-GT-203	4.14	B14E
136149	WSTU-GT-207	4.78	B14E
136151	WSTU-GT-215	8.04	B14E
136303	WSTU-GTM-25M	1.31	B14E
136304	WSTU-GTM-30M	1.67	B14E
136305	WSTU-GTM-35M	2.56	B14E
136306	WSTU-GTM-40M	2.59	B14E
136307	WSTU-GTM-45M	2.74	B14E
136308	WSTU-GTM-50M	4.32	B14E
136309	WSTU-GTM-55M	5.03	B14E
136310	WSTU-GTM-65M	7.42	B14E
136311	WSTU-GTM-70M	8.30	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
136312	WSTU-GTM-75M	9.15	B14E
136170	WSTU-GTM-012	2.32	B14E
136171	WSTU-GTM-100	1.31	B14E
136172	WSTU-GTM-103	1.67	B14E
136173	WSTU-GTM-107	2.53	B14E
136174	WSTU-GTM-108	2.63	B14E
136175	WSTU-GTM-111	2.80	B14E
136176	WSTU-GTM-112	2.76	B14E
136177	WSTU-GTM-115	4.35	B14E
136178	WSTU-GTM-200	4.29	B14E
136179	WSTU-GTM-203	5.01	B14E
136180	WSTU-GTM-204	4.96	B14E
136181	WSTU-GTM-207	7.56	B14E
136182	WSTU-GTM-208	7.49	B14E
136183	WSTU-GTM-211	8.40	B14E
136184	WSTU-GTM-215	9.10	B14E
136185	WSTU-GTM-300	8.98	B14E
Adapters / Spannhülsen / Manchons / Mangitos de montaje / Bussole			
136589	AN-GT-03-17M-D	0.07	B14E
136553	AN-GT-04-20M-D	0.33	B14E
136554	AN-GT-05-25M-D	0.14	B14E
136555	AN-GT-06-30M-D	0.33	B14E
136556	AN-GT-07-35M-D	0.18	B14E
136593	AN-GT-08-40M-D	0.33	B14E
136557	AN-GT-09-45M-D	0.33	B14E
136558	AN-GT-10-50M-D	0.33	B14E
136559	AN-GT-11-55M-D	0.43	B14E
136594	AN-GT-12-60M-D	0.49	B14E
136560	AN-GT-14-70M-D	0.50	B14E
136596	AN-GT-15-75M-D	8.33	B14E
136588	AN-GT-03-008-D	0.10	B14E
136521	AN-GT-03-010-D	0.33	B14E
136522	AN-GT-04-012-D	0.33	B14E
136590	AN-GT-05-014-D	0.95	B14E
136523	AN-GT-05-015-D	0.93	B14E
136524	AN-GT-05-100-D	0.33	B14E
136525	AN-GT-06-102-D	0.33	B14E
136526	AN-GT-06-103-D	0.33	B14E
136527	AN-GT-06-104S-D	1.15	B14E
136528	AN-GT-07-104-D	0.33	B14E
136591	AN-GT-07-106-D	0.33	B14E
136529	AN-GT-07-107-D	0.33	B14E
136530	AN-GT-08-108-D	0.33	B14E
136531	AN-GT-09-110L-D	0.33	B14E
136532	AN-GT-09-111-D	2.37	B14E
136533	AN-GT-09-112-D	0.23	B14E
136534	AN-GT-10-115-D	0.33	B14E
136535	AN-GT-10-200-D	0.33	B14E
136536	AN-GT-11-203-D	0.33	B14E
136538	AN-GT-12-207-D	0.33	B14E
136539	AN-GT-14-211-D	0.33	B14E
136540	AN-GT-15-215-D	0.33	B14E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
136561	AN-GTM-06-25M-D	0.24	B14E
136562	AN-GTM-07-30M-D	0.31	B14E
136563	AN-GTM-08-35M-D	0.37	B14E
136564	AN-GTM-09-40M-D	0.35	B14E
136565	AN-GTM-10-45M-D	2.95	B14E
136566	AN-GTM-11-50M-D	0.60	B14E
136567	AN-GTM-12-55M-D	0.75	B14E
136568	AN-GTM-14-65M-D	0.84	B14E
136569	AN-GTM-15-70M-D	8.13	B14E
136570	AN-GTM-16-75M-D	8.90	B14E
136571	AN-GTM-18-85M-D	13.35	B14E
136597	AN-GTM-05-012-D	0.17	B14E
136541	AN-GTM-06-100-D	-	B14E
136542	AN-GTM-07-103-D	0.33	B14E
136543	AN-GTM-08-107-D	0.34	B14E
136598	AN-GTM-09-108-D	0.39	B14E
136544	AN-GTM-10-111-D	0.51	B14E
136599	AN-GTM-10-112-D	0.43	B14E
136545	AN-GTM-11-115-D	0.62	B14E
136600	AN-GTM-11-200-D	0.51	B14E
136546	AN-GTM-12-203-D	0.73	B14E
136601	AN-GTM-12-204-D	0.60	B14E
136547	AN-GTM-14-207-D	0.88	B14E
136548	AN-GTM-14-208-D	0.80	B14E
136549	AN-GTM-15-211-D	1.28	B14E
136550	AN-GTM-16-215-D	1.38	B14E
136551	AN-GTM-16-300-D	1.25	B14E
136552	AN-GTM-18-307-D	0.33	B14E
136603	AN-GTM-18-308-D	1.26	B14E
Ball bearing inserts / Kugellagereinsätze / Roulements / Rodamientos / Cuscinetti a sfera			
129516	INS-GT-03 (203 SERIES)	0.10	B14E
129517	INS-GT-04 (204 SERIES)	0.14	B14E
129518	INS-GT-05 (205 SERIES)	0.15	B14E
129519	INS-GT-06 (206 SERIES)	0.23	B14E
129520	INS-GT-07 (207 SERIES)	0.33	B14E
129521	INS-GT-08 (208 SERIES)	0.46	B14E
129522	INS-GT-09 (209 SERIES)	0.51	B14E
129523	INS-GT-10 (210 SERIES)	0.54	B14E
129524	INS-GT-11 (211 SERIES)	0.70	B14E
129525	INS-GT-12 (212 SERIES)	0.95	B14E
129526	INS-GT-14 (214 SERIES)	1.39	B14E
129527	INS-GT-15 (215 SERIES)	1.44	B14E
129528	INS-GT-16 (216 SERIES)	1.81	B14E
129529	INS-GT-18 (218 SERIES)	2.66	B14E

AC Motors

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Motors

Info.



Applications: Air Handling; Unit handling; Food, beverage; Forest products; Paper; Automotive chemical; Packaging and processing

Features: Intermediate, Normal and Medium duty - Series 200 mounted ball bearings. Precision hardened and honed set screw mounted ball bearings in globally interchangeable ISO dimensions. Unique and out of roundness 65° setscrew positioning optimizing trade-off between holding power.

SC Mounted Ball Bearing Units / Standard Gehäuselagereinheiten /

Paliers auto-aligneur / Unidades completas con insertos / Soporti con cuscinetti a sfere

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Pillow block units / Stehlagergehäuse / Paliers à semelle / Soportes de pie / Soporti ritti			
125850	P2B-SCU-17M	0.47	B10E
125851	P2B-SC-20M	0.63	B10E
125852	P2B-SC-25M	0.73	B10E
125853	P2B-SC-30M	1.15	B10E
125854	P2B-SCU-30M	1.13	B10E
125855	P2B-SC-35M	1.47	B10E
125856	P2B-SC-40M	1.98	B10E
125857	P2B-SC-45M	2.17	B10E
125858	P2B-SC-50M	2.55	B10E
125859	P2B-SC-55M	3.32	B10E
125860	P2B-SC-60M	4.14	B10E
125861	P2B-SC-70M	5.53	B10E
052792	P2B-SCU-75M	8.77	B10E
052794	P2B-SC-90M	12.95	B10E
124941	P2B-SCB-20M	0.59	B10E
125768	P2B-SCB-25M	0.77	B10E
125760	P2B-SCB-30M	1.09	B10E
124944	P2B-SCB-35M	1.73	B10E
125856	P2B-SCB-40M	1.98	B10E
051878	P2B-SCB-45M	2.16	B10E
051879	P2B-SCB-50M	2.61	B10E
124943	P2B-SCB-55M	3.41	B10E
051880	P2B-SCB-60M	4.14	B10E
123803	P2B-SC-012	0.62	B10E
123804	P2B-SC-014	0.75	B10E
123806	P2B-SC-100	0.72	B10E
123809	P2B-SC-103	1.11	B10E
123170	P2B-SC-104S	1.10	B10E
123810	P2B-SC-104	1.51	B10E
123813	P2B-SC-107	1.51	B10E
123814	P2B-SC-108	2.14	B10E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
123816	P2B-SC-111	2.33	B10E
123817	P2B-SC-112	2.28	B10E
123818	P2B-SC-115	2.55	B10E
123819	P2B-SC-200	2.63	B10E
123820	P2B-SC-203	3.32	B10E
123822	P2B-SC-207	4.09	B10E
123839	P2B-SC-211	5.62	B10E
123728	P2B-SCU-215	7.67	B10E
123864	P2B-SCB-102	1.11	B10E
Tapped Base Pillow Block / Stehlagergehäuse für Befestigung mittels Gewindebohrung / Paliers à semelle avec base taraudée / Soportes de base roscada / Sopporti ritli con fori filettati sotto la base			
130354	TB-SC-20M	0.63	B10E
130355	TB-SC-25M	0.68	B10E
130356	TB-SC-30M	1.24	B10E
130357	TB-SC-35M	1.63	B10E
130358	TB-SC-40M	1.99	B10E
130359	TB-SC-45M	2.23	B10E
130360	TB-SC-50M	2.36	B10E
130361	TB-SC-55M	3.05	B10E
052472	TB-SC-200	2.87	B10E
2-Bolt flange units / Zweiloch-Flanschlagergehäuse / Paliers flasques, 2 trous / Soportes brida, 2 taladros / Sopporti a flangia a 2 fori			
125875	F2B-SC-17M	0.31	B10E
125876	F2B-SC-20M	0.49	B10E
125877	F2B-SC-25M	0.62	B10E
125878	F2B-SC-30M	0.86	B10E
125879	F2B-SC-35M	1.31	B10E
125880	F2B-SC-40M	1.62	B10E
125881	F2B-SC-45M	1.91	B10E
125882	F2B-SC-50M	2.10	B10E
124942	F2B-SC-55M	0.91	B10E
053883	F2B-SC-60M	0.03	B10E
124170	F2B-SC-012	0.49	B10E
124171	F2B-SC-014	0.65	B10E
124172	F2B-SC-015	0.64	B10E
124173	F2B-SC-100	0.61	B10E
124274	F2B-SC-102	0.88	B10E
124275	F2B-SC-103	0.85	B10E
123172	F2B-SC-104S	0.82	B10E
124276	F2B-SC-104	1.36	B10E
124278	F2B-SC-107	1.30	B10E
124268	F2B-SC-108	1.71	B10E
124412	F2B-SC-110	1.59	B10E
124413	F2B-SC-112	1.95	B10E
124269	F2B-SC-115	2.16	B10E
124034	F2B-SC-203	2.95	B10E
053175	F2B-SC-207	2.73	B10E
4-Bolt flange units / Vierloch-Flanschlagergehäuse / Paliers flasques, 4 trous / Soportes brida, 4 taladros / Sopporti a flangia a 4 fori			
125885	F4B-SC-17M	0.48	B10E
125886	F4B-SC-20M	0.65	B10E
125887	F4B-SC-25M	0.82	B10E
125888	F4B-SC-30M	1.16	B10E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
125889	F4B-SC-35M	1.59	B10E
125890	F4B-SC-40M	2.05	B10E
125891	F4B-SC-45M	2.38	B10E
125892	F4B-SC-50M	2.73	B10E
125893	F4B-SC-55M	3.69	B10E
125894	F4B-SC-60M	4.44	B10E
125895	F4B-SC-70M	5.87	B10E
125896	F4B-SC-75M	7.33	B10E
124101	F4B-SC-014	0.86	B10E
124103	F4B-SC-100	0.82	B10E
124204	F4B-SC-102	1.19	B10E
124205	F4B-SC-103	1.16	B10E
123173	F4B-SC-104S	1.14	B10E
124206	F4B-SC-104	1.64	B10E
124207	F4B-SC-106	1.59	B10E
124208	F4B-SC-107	1.56	B10E
124209	F4B-SC-108	2.09	B10E
125170	F4B-SC-110L	2.48	B10E
124211	F4B-SC-111	2.46	B10E
124212	F4B-SC-112	2.44	B10E
124213	F4B-SC-115	2.75	B10E
124214	F4B-SC-200	2.79	B10E
124215	F4B-SC-203	3.75	B10E
124217	F4B-SC-207	4.47	B10E
124220	F4B-SC-215	7.33	B10E
4-Bolt flange units, piloted / Vierloch-Flanschlagergehäuse, zentriert / Paliers flasques avec centrage, 4 trous / Soportes brida, centrados, 4 taladros / Sopporti a flangia a 4 fori, con centraggio			
125865	FC-SC-30M	1.23	B10E
125866	FC-SC-35M	1.95	B10E
125867	FC-SC-40M	2.05	B10E
125868	FC-SC-45M	2.50	B10E
125869	FC-SC-50M	2.91	B10E
125870	FC-SC-55M	2.63	B10E
125871	FC-SC-60M	4.32	B10E
125872	FC-SC-70M	5.00	B10E
Wide slot take-up units / Spannkopfgehäuse / Paliers tendeurs / Soportes tensores / Sopporti tensili			
125910	WSTU-SC-20M	0.82	B10E
125911	WSTU-SC-25M	0.95	B10E
125912	WSTU-SC-30M	1.14	B10E
125913	WSTU-SC-35M	1.64	B10E
125914	WSTU-SC-40M	2.39	B10E
125915	WSTU-SC-45M	2.68	B10E
125916	WSTU-SC-50M	2.49	B10E
125917	WSTU-SC-55M	4.55	B10E
125918	WSTU-SC-60M	4.91	B10E
125919	WSTU-SC-75M	8.59	B10E
125356	WSTU-SC-014	1.00	B10E
125113	WSTU-SC-103	1.18	B10E
125151	WSTU-SC-110L	2.68	B10E
125362	WSTU-SC-112	2.39	B10E
125118	WSTU-SC-207	3.79	B10E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Ball bearing inserts / Kugellagereinsätze / Roulements / Rodamientos / Cuscinetti a sfera			
125800	INS-SC-17M	0.11	B10E
125802	INS-SC-20M	0.16	B10E
125804	INS-SC-25M	0.19	B10E
125806	INS-SC-30M	0.30	B10E
125808	INS-SC-35M	0.44	B10E
125810	INS-SC-40M	0.57	B10E
125812	INS-SC-45M	0.61	B10E
125814	INS-SC-50M	0.67	B10E
125816	INS-SC-55M	0.91	B10E
125818	INS-SC-60M	1.20	B10E
125820	INS-SC-70M	1.60	B10E
125822	INS-SC-75M	1.82	B10E
123332	INS-SC-012	0.17	B10E
123334	INS-SC-015	0.20	B10E
123335	INS-SC-100	0.19	B10E
123337	INS-SC-102	0.32	B10E
123338	INS-SC-103	0.30	B10E
123469	INS-SC-104S	0.28	B10E
123339	INS-SC-104	0.85	B10E
123341	INS-SC-106	0.45	B10E
123368	INS-SC-107	0.41	B10E
123342	INS-SC-108	0.61	B10E
123343	INS-SC-110	0.55	B10E
123345	INS-SC-112	0.63	B10E
123346	INS-SC-115	0.70	B10E
123348	INS-SC-203	0.90	B10E
123350	INS-SC-207	1.13	B10E
123352	INS-SC-215	1.84	B10E



Applications: Air Handling; Unit handling; Food, beverage; Forest products; Paper; Automotive chemical; Packaging and processing

Features: Intermediate, Normal and Medium duty - Series 200 mounted ball bearings. Precision hardened and honed set screw mounted ball bearings in globally interchangeable ISO dimensions. Unique and out of roundness 65° setscrew positioning optimizing trade-off between holding power.

**SCM Mounted Ball Bearing Units / Gehäuselagereinheiten /
Paliers auto-aligneur / Unidades completas con insertos / Soporti con cuscinetti a sfera**

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Pillow block units / Stehlagergehäuse / Paliers à semelle / Soportes de pie / Soporti ritti			
125925	P2B-SCM-25M	1.17	B10E
125926	P2B-SCM-30M	1.53	B10E
125927	P2B-SCM-35M	2.27	B10E
125928	P2B-SCM-40M	2.32	B10E
125929	P2B-SCM-45M	2.76	B10E
125930	P2B-SCM-50M	3.47	B10E
125931	P2B-SCM-55M	4.27	B10E
125932	P2B-SCM-65M	5.79	B10E
125933	P2B-SCM-70M	8.14	B10E
125934	P2B-SCM-75M	8.35	B10E
125935	P2B-SCM-85M	13.10	B10E
126147	P2B-SCM-100	1.19	B10E
126148	P2B-SCM-103	1.53	B10E
126810	P2B-SCM-107	2.17	B10E
126811	P2B-SCM-108	2.36	B10E
126812	P2B-SCM-111	2.76	B10E
126813	P2B-SCM-112	2.71	B10E
126814	P2B-SCM-115	3.45	B10E
126815	P2B-SCM-200	3.43	B10E
126816	P2B-SCM-203	4.29	B10E
126817	P2B-SCM-204	4.28	B10E
126819	P2B-SCM-208	5.91	B10E
126820	P2B-SCM-211	8.30	B10E
126821	P2B-SCM-215	8.51	B10E
126824	P2B-SCM-308	12.67	B10E
2-Bolt flange units / Zweiloch-Flanschlagergehäuse / Paliers flasques, 2 trous / Soportes brida, 2 taladros / Soporti a flangia a 2 fori			
125954	F2B-SCM-25M	0.91	B10E
125955	F2B-SCM-30M	1.40	B10E
125956	F2B-SCM-35M	1.75	B10E
125957	F2B-SCM-40M	2.04	B10E
125958	F2B-SCM-45M	2.24	B10E
125960	F2B-SCM-50M	3.27	B10E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
126288	F2B-SCM-108	2.10	B10E
126290	F2B-SCM-112	2.28	B10E
126293	F2B-SCM-200	0.91	B10E
4-Bolt flange units / Vierloch-Flanschlagergehäuse / Paliers flasques, 4 trous / Soportes brida, 4 taladros / Sopporti a flangia a 4 fori			
125965	F4B-SCM-25M	1.25	B10E
125966	F4B-SCM-30M	1.68	B10E
125967	F4B-SCM-35M	2.14	B10E
125968	F4B-SCM-40M	2.52	B10E
125969	F4B-SCM-45M	2.79	B10E
125970	F4B-SCM-50M	3.84	B10E
125971	F4B-SCM-55M	4.56	B10E
125972	F4B-SCM-65M	6.13	B10E
125973	F4B-SCM-70M	7.70	B10E
125974	F4B-SCM-75M	8.02	B10E
125975	F4B-SCM-85M	11.20	B10E
126226	F4B-SCM-100	1.21	B10E
126227	F4B-SCM-103	1.66	B10E
126187	F4B-SCM-107	2.09	B10E
126188	F4B-SCM-108	2.58	B10E
126189	F4B-SCM-111	2.95	B10E
126190	F4B-SCM-112	2.91	B10E
126191	F4B-SCM-115	3.88	B10E
126192	F4B-SCM-200	3.89	B10E
126193	F4B-SCM-203	4.58	B10E
126283	F4B-SCM-204	4.54	B10E
126194	F4B-SCM-207	6.32	B10E
126196	F4B-SCM-215	8.08	B10E
126197	F4B-SCM-300	8.10	B10E
126198	F4B-SCM-307	10.80	B10E
126199	F4B-SCM-308	10.80	B10E
4-Bolt flange units, piloted / Vierloch-Flanschlagergehäuse, zentriert / Paliers flasques avec centrage, 4 trous / Soportes brida, centrados, 4 taladros / Sopporti a flangia a 4 fori, con centraggio			
125942	FC-SCM-35M	2.18	B10E
125943	FC-SCM-40M	2.18	B10E
125944	FC-SCM-45M	2.95	B10E
125945	FC-SCM-50M	3.36	B10E
125946	FC-SCM-55M	2.86	B10E
125947	FC-SCM-65M	5.23	B10E
125948	FC-SCM-75M	8.55	B10E
125949	FC-SCM-85M	13.05	B10E
126167	FC-SCM-100	1.12	B10E
126168	FC-SCM-103	1.48	
126171	FC-SCM-108	1.76	B10E
126173	FC-SCM-112	2.54	B10E
126174	FC-SCM-115	2.80	B10E
126175	FC-SCM-200	2.77	B10E
126176	FC-SCM-203	4.00	B10E
126177	FC-SCM-204	4.01	B10E
126178	FC-SCM-207	5.41	B10E
126183	FC-SCM-307	11.80	B10E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Wide slot take-up units / Spannkopfgehäuse / Paliers tendeurs / Soportes tensores / Sopporti tensili			
125989	WSTU-SCM-25M	0.91	B10E
125990	WSTU-SCM-30M	1.41	B10E
125991	WSTU-SCM-35M	1.64	B10E
125992	WSTU-SCM-40M	2.64	B10E
125993	WSTU-SCM-45M	2.77	B10E
125994	WSTU-SCM-50M	2.91	B10E
125995	WSTU-SCM-55M	4.55	B10E
125996	WSTU-SCM-65M	7.05	B10E
125997	WSTU-SCM-70M	8.27	B10E
125998	WSTU-SCM-75M	8.64	B10E
135123	WSTU-SCM-115	4.17	B10E
135183	WSTU-SCM-200	4.09	B10E
135125	WSTU-SCM-203	4.72	B10E
135184	WSTU-SCM-204	4.66	B10E
135130	WSTU-SCM-215	8.41	B10E
Ball bearing inserts / Kugellagereinsätze / Roulements / Rodamientos / Cuscinetti a sfere			
125824	INS-SCM-25M	0.36	B10E
125826	INS-SCM-30M	0.52	B10E
125828	INS-SCM-35M	0.67	B10E
125830	INS-SCM-40M	0.72	B10E
125832	INS-SCM-45M	0.80	B10E
125834	INS-SCM-50M	1.07	B10E
125836	INS-SCM-55M	1.38	B10E
125838	INS-SCM-65M	1.84	B10E
125840	INS-SCM-70M	2.08	B10E
125842	INS-SCM-75M	2.45	B10E
125844	INS-SCM-85M	3.54	B10E
123354	INS-SCM-108	0.77	B10E
123355	INS-SCM-111	0.85	B10E
123357	INS-SCM-115	1.08	B10E
123358	INS-SCM-200	1.05	B10E
123359	INS-SCM-203	1.35	B10E
123361	INS-SCM-207	1.99	B10E
123364	INS-SCM-215	2.45	B10E
123366	INS-SCM-307	3.40	B10E



Applications: Textile; Agriculture food; Unit handling; Paper; Forest products

Features: Intermediate and normal duty series 200 mounted ball bearings with eccentric locking collar. Precision hardened and honed - series 200 mounted ball bearings in globally interchangeable, ISO dimensions

**SXR Mounted Ball Bearing Units / Standard Gehäuselagereinheiten /
Paliers auto-aligneur / Unidades completas con insertos / Soporti con cuscinetti a sfere**

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Pillow block units / Stehlagergehäuse / Paliers à semelle / Soportes de pie / Soporti ritti			
125655	P2B-SXRU-17M	0.52	B30E
125656	P2B-SXR-20M	0.73	B30E
125657	P2B-SXR-25M	0.84	B30E
125658	P2B-SXRU-30M	1.20	B30E
125659	P2B-SXR-35M	1.68	B30E
125660	P2B-SXRB-40M	2.39	B30E
125661	P2B-SXR-45M	2.95	B30E
125662	P2B-SXR-50M	3.32	B30E
125663	P2B-SXR-55M	4.25	B30E
125664	P2B-SXR-60M	4.87	B30E
125665	P2B-SXRU-75M	9.30	B30E
Tapped Base Pillow Block / Stehlagergehäuse für Befestigung mittels Gewindebohrung / Paliers à semelle avec base taraudée / Soportes de base roscada / Soporti ritti con fori filettati sotto la base			
053411	TB-SXR-20M	0.69	B30E
053412	TB-SXR-25M	0.85	B30E
053413	TB-SXR-30M	1.16	B30E
053414	TB-SXR-35M	1.78	B30E
053415	TB-SXR-40M	1.93	B30E
053416	TB-SXR-45M	2.39	B30E
053417	TB-SXR-50M	2.82	B30E
053418	TB-SXR-55M	3.18	B30E
2-Bolt flange units / Zweiloch-Flanschlagergehäuse / Paliers flasques, 2 trous / Soportes brida, 2 taladros / Soporti a flangia a 2 fori			
125678	F2B-SXR-20M	0.61	B30E
125679	F2B-SXR-25M	0.73	B30E
125680	F2B-SXR-30M	1.05	B30E
125681	F2B-SXR-35M	1.57	B30E
125682	F2B-SXR-40M	1.93	B30E
125683	F2B-SXR-45M	2.32	B30E
125684	F2B-SXR-50M	2.59	B30E
4-Bolt flange units / Vierloch-Flanschlagergehäuse / Paliers flasques, 4 trous / Soportes brida, 4 taladros / Soporti a flangia a 4 fori			
125668	F4B-SXR-25M	1.36	B30E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
125669	F4B-SXR-30M	1.36	B30E
125670	F4B-SXR-35M	1.84	B30E
125671	F4B-SXR-40M	2.32	B30E
125672	F4B-SXR-45M	2.84	B30E
125673	F4B-SXR-50M	3.31	B30E
125674	F4B-SXR-55M	4.41	B30E
125675	F4B-SXR-60M	5.23	B30E
125676	F4B-SXR-75M	8.53	B30E
4-Bolt flange units, piloted / Vierloch-Flanschlagergehäuse, zentriert / Pallers flasques avec centrage, 4 trous / Soportes brida, centrados, 4 taladros / Soporti a flangia a 4 fori, con centraggio			
130840	FC-SXR-40M	2.30	B30E
130841	FC-SXR-45M	2.64	B30E
130842	FC-SXR-50M	3.00	B30E
Wide slot take-up units / Spannkopfgehäuse / Paliers tendeurs / Soportes tensores / Soporti tensili			
130845	WSTU-SXR-20M	0.95	B30E
130846	WSTU-SXR-25M	1.05	B30E
130847	WSTU-SXR-30M	1.27	B30E
130848	WSTU-SXR-35M	1.64	B30E
130849	WSTU-SXR-40M	2.55	B30E
130850	WSTU-SXR-45M	2.52	B30E
130851	WSTU-SXR-50M	3.09	B30E
130852	WSTU-SXR-55M	4.55	B30E
130853	WSTU-SXR-60M	5.06	B30E
130854	WSTU-SXR-75M	9.55	B30E
Ball bearing inserts / Kugellagereinsätze / Roulements / Rodamientos / Cuscinetti a sfera			
125625	INS-SXR-17M	0.15	B30E
125626	INS-SXR-20M	0.20	B30E
125627	INS-SXR-25M	0.25	B30E
125628	INS-SXR-30M	0.39	B30E
125629	INS-SXR-35M	0.60	B30E
125630	INS-SXR-40M	0.79	B30E
125631	INS-SXR-45M	0.80	B30E
125632	INS-SXR-50M	0.96	B30E
125633	INS-SXR-55M	1.31	B30E
125634	INS-SXR-60M	1.74	B30E
125635	INS-SXR-75M	2.43	B30E

AC Motors

DC Motors &
Drives

AC Drives

Gearing

Bearings

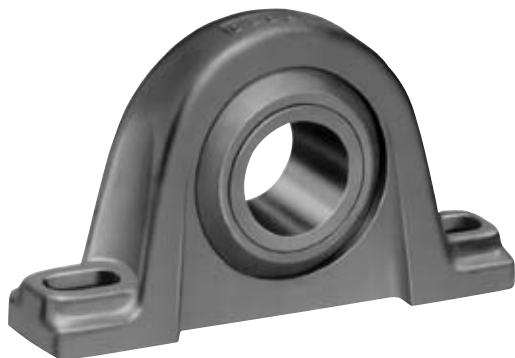
Couplings

Motion Control

Servo Drives

Servo/Motion
AccessoriesAC Servo
Motors

Info.



Applications: High heat; Cold temperatures; Submersible applications

Features: Self lubricating, statically self-aligning bearings for extreme industrial applications. Imperial (inch) and metric bore sizes. Good in temperature extremes (-200F to +1000F) and inaccessible locations. Dimensionally interchangeable with popular housed ball bearings. Will function effectively in a vacuum. Ideal where bearings are subject to dry cycles or where lube systems would be too costly. Usable in many corrosive (chemical) medias. Will operate in submersible applications of some low viscosity liquids. Recommended for slow speeds and limited shaft movement applications.

SolidLube Bearing Units / Standard Gehäuselagereinheiten /

Paliers auto-aligneur / Unidades completas con insertos / Soporti con cuscinetti a sfere

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione		Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Pillow block units / Stehlagergehäuse / Paliers à semelle / Soportes de pie / Soporti ritti				
034226	P2B-LT7-25M	034226	0.80	B100
033678	P2B-LT7-108	033678	1.47	B100
2-Bolt flange units / Zweiloch-Flanschlagergehäuse / Paliers flasques, 2 trous / Soportes brida, 2 taladros / Soporti a flangia a 2 fori				
033085	F2B-LT7-012	033085	0.80	B100
033091	F2B-LT7-104	033091	1.47	B100



Applications: Bulk Handling/Aggregate; Forest Products; Paper; Food Processing

Features: Available in Flange or steel housed pillow blocks for selected sites, Baldor•DODGE's Type E-XTRA high capacity tapered roller bearings are stocked in all configurations. With interchangeable mounting dimensions, Type-E allows for easy upgrade from ball bearings at a moderate cost.

Type E Bearing Units / Gehäuselagereinheiten /

Paliers à semelle complets / Unidades completas / Soporti con cuscinetti a rulli conici

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Pillow block units / Stehlagergehäuse / Paliers à semelle / Soportes de pie / Soporti ritti			
023621	P2B-E-040MR TYPE E-XTRA	4.54	B40
023623	P2B-E-050MR TYPE E-XTRA	5.29	B40
023628	P2B-E-075MR TYPE E-XTRA	12.43	B40
023629	P2B-E-080MR TYPE E-XTRA	21.50	B40
023632	P4B-E-100MR TYPE E-XTRA	31.26	B40
023000	P2B-E-103R TYPE E-XTRA	1.92	B40
023001	P2B-E-104R TYPE E-XTRA	1.88	B40
023004	P2B-E-108R TYPE E-XTRA	4.66	B40
023005	P2B-E-110R TYPE E-XTRA	4.50	B40
023006	P2B-E-111R TYPE E-XTRA	4.46	B40
023007	P2B-E-112R TYPE E-XTRA	5.54	B40
023009	P2B-E-115R TYPE E-XTRA	5.35	B40
023010	P2B-E-200R TYPE E-XTRA	5.26	B40
023011	P2B-E-203R TYPE E-XTRA	6.90	B40
023012	P2B-E-204R TYPE E-XTRA	9.39	B40
023013	P2B-E-207R TYPE E-XTRA	9.02	B40
023014	P2B-E-208R TYPE E-XTRA	8.88	B40
023016	P2B-E-212R TYPE E-XTRA	12.75	B40
023017	P2B-E-215R TYPE E-XTRA	12.46	B40
023018	P2B-E-300R TYPE E-XTRA	12.10	B40
023022	P2B-E-308R TYPE E-XTRA	20.40	B40
023024	P4B-E-207R TYPE E-XTRA	9.25	B40
023025	P4B-E-208R TYPE E-XTRA	9.11	B40
023027	P4B-E-212R TYPE E-XTRA	11.82	B40
023028	P4B-E-215R TYPE E-XTRA	12.90	B40
023029	P4B-E-300R TYPE E-XTRA	12.70	B40
023032	P4B-E-307R TYPE E-XTRA	20.66	B40
023033	P4B-E-308R TYPE E-XTRA	20.43	B40
023690	P4B-E-315R IRON--023070 IS STEEL	31.14	B40
023691	P4B-E-400R IRON--023071 IS STEEL	30.69	B40
023692	P4B-E-407R IRON--023072 IS STEEL	42.35	B40
023693	P4B-E-408R IRON--023073 IS STEEL	38.18	B40

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
4-Bolt flange units / Vierloch-Flanschlagergehäuse / Paliers flasques, 4 trous / Soportes brida, 4 taladros / Sopporti a flangia a 4 fori			
023094	F4B-E-104R TYPE E-XTRA	1.84	B40
023097	F4B-E-108R TYPE E-XTRA	4.93	B40
023101	F4B-E-114R TYPE E-XTRA	5.43	B40
023102	F4B-E-115R TYPE E-XTRA	5.34	B40
023103	F4B-E-200R TYPE E-XTRA	5.28	B40
023110	F4B-E-215R TYPE E-XTRA	12.51	B40

AC Motors

DC Motors &
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Bearings

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Motion Control

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Applications: Used primarily in air handling applications where high speeds are required.

Features: Engineered product that virtually eliminates misalignment by using two bearings in a single housing. Offered with bearings and shaft or as a housing only for customer supplied bearings and shaft. Variable bearing arrangements can include deep groove ball bearings, cylindrical bearings or spherical bearings. Designed specifically for fan and other high speed applications. BLO-A is a heavier duty housing designed for oil lubrication with internal oil flingers to aid lubrication at high speeds. PDFN is grease lubricated with internal grease flinger discs fixed on one side of each bearing for grease retention.

Two Bearing Housings / Blocklagergehäuse / Paliers flasque pour deux roulements / Soportes brida para dos rodamientos / Sopporti monoblocco doppi a flangia

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DFL / DFLS			
708446	DFL 205 KPL	1.32	B75E
708451	DFL 206 KPL	2.29	B75E
708452	DFL 207 KPL	3.07	B75E
708453	DFL 208 KPL	4.27	B75E
708454	DFL 30	18.18	B75E
708463	DFL 35	6.91	B75E
708468	DFL 40	7.73	B75E
708474	DFL 45	25.00	B75E
708455	DFL 30 HT	4.55	B75E
708464	DFL 35 HT	7.55	B75E
708469	DFL 40 HT	7.64	B75E
708475	DFL 45 HT	9.09	B75E
708484	DFLS 20 KPL	1.39	B75E
708507	DFLS 35 KPL	6.02	B75E
708510	DFLS 40 KPL	-	B75E
708519	DFLS 50 KPL	10.21	B75E
708487	DFLS 20 KPL NS	1.41	B75E
708494	DFLS 25 KPL NS	1.73	B75E
708500	DFLS 30 KPL NS	3.75	B75E
708513	DFLS 40 KPL NS	6.55	B75E
708522	DFLS 50 KPL NS	7.27	B75E
708532	DFLS 60 KPL NS	-	B75E
PDFN w/o bearings & shaft / ohne Lager und Welle / sans roulements et arbre / sin rodamientos y eje / senza cuscinetti e albero			
726921	PDFN 306	25.00	B75E
726926	PDFN 307	10.00	B75E
726929	PDFN 308	22.73	B75E
726933	PDFN 309	27.27	B75E
726936	PDFN 310	6.25	B75E
726941	PDFN 311	24.09	B75E

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726943	PDFN 312	36.36	B75E
726947	PDFN 313	43.18	B75E
726953	PDFN 314	90.91	B75E
726957	PDFN 315	63.64	B75E
726959	PDFN 316	72.73	B75E
726962	PDFN 317	27.64	B75E
726964	PDFN 318	86.36	B75E
726966	PDFN 319	109.09	B75E
PDFN w/ bearings & shaft / mit Lagern und Welle / avec roulements et arbre / con rodamientos y eje / completi di cuscinetti e albero			
726922	PDFN 306 KPL E	11.36	B75E
726927	PDFN 307 KPL E	74.09	B75E
726930	PDFN 308 KPL E	20.00	B75E
726937	PDFN 310 KPL E	30.00	B75E
726944	PDFN 312 KPL E	30.91	B75E
726948	PDFN 313 KPL E	29.55	B75E
726954	PDFN 314 KPL E	70.00	B75E
726960	PDFN 316 KPL E	42.27	B75E
BL W w/o Bearings & Shaft / ohne Lager und Welle / sans roulements et arbre / sin rodamientos y eje / senza cuscinetti e albero			
707014	BL W 25	2.94	B75E
707020	BL W 30	3.56	B75E
707056	BL W 35	5.38	B75E
707063	BL W 40	5.19	B75E
707107	BL W 45	8.21	B75E
707187	BL W 55	10.08	B75E
707201	BL W 60	9.23	B75E
707261	BL W 70	14.09	B75E
707287	BL W 75	21.36	B75E
707319	BL W 80	22.73	B75E
706967	BL W 90	32.00	B75E
707363	BL W 95	26.94	B75E
706974	BL W 100	49.09	B75E
706976	BL W 110	44.00	B75E
BL W w/ bearings & shaft / mit Lagern und Welle / avec roulements et arbre / con rodamientos y eje / completi di cuscinetti e albero			
707015	BL W 25 KPL E	9.09	B75E
707025	BL W 30 KPL E	15.45	B75E
707057	BL W 35 KPL E	20.45	B75E
707069	BL W 40 KPL E	18.18	B75E
707111	BL W 45 KPL E	20.45	B75E
707134	BL W 50 KPL E	-	B75E
707191	BL W 55 KPL E	18.18	B75E
707213	BL W 60 KPL E	83.33	B75E
707271	BL W 70 KPL E	31.82	B75E
707291	BL W 75 KPL E	83.33	B75E
707353	BL W 90 KPL E	-	B75E
706998	BL W 100 KPL E	-	B75E
BLO w/o Bearings & Shaft / ohne Lager und Welle / sans roulements et arbre / sin rodamientos y eje / senza cuscinetti e albero			
707400	BLO 40 A	40.91	B75E
707402	BLO 45 A	40.91	B75E
707405	BLO 50 A	12.27	B75E
707410	BLO 55 A	30.00	B75E
707419	BLO 65 A	55.91	B75E
707422	BLO 70 A	71.82	B75E
707428	BLO 75 A	70.00	B75E

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707431	BLO 80 A	105.00	B75E
707434	BLO 85 A	120.00	B75E
707439	BLO 90 A	140.00	B75E
707453	BLO 95 A	195.45	B75E
707381	BLO 110 A	150.00	B75E
707385	BLO 120 A	220.00	B75E
707389	BLO 130 A	340.00	B75E



Applications: Air Products; Bulk Handling/Aggregate; Forest Products; Paper; Food Processing

Features: Baldor•DODGE® ISN spherical roller bearings use a patented adapter mounting system for quick installation and removal. The ISN roller bearing is available in flange, pillow block, or insert configurations, with interchangeable dimensions and superior sealing options.

ISN Roller Bearing Units / Gehäuselagereinheiten /

Paliers à semelle complets / Unidades completas / Sopporti con cuscinetti a rulli conici

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071000	P2B-ISN 507-030MFR	2.73	B78E
071001	P2B-ISN 508-035MFR	4.09	B78E
071002	P2B-ISN 509-040MFR	3.64	B78E
071003	P2B-ISN 510-045MFR	3.64	B78E
071004	P2B-ISN 511-050MFR	4.72	B78E
071005	P2B-ISN 512-055MFR	5.45	B78E
071006	P2B-ISN 513-060MFR	7.96	B78E
071007	P2B-ISN 515-065MFR	8.64	B78E
071008	P2B-ISN 516-070MFR	11.23	B78E
071009	P2B-ISN 517-075MFR	11.20	B78E
071010	P2B-ISN 518-080MFR	15.91	B78E
071011	P2B-ISN 518-085MFR	16.36	B78E
071012	P2B-ISN 520-090MFR	21.82	B78E
071013	P2B-ISN 522-100MFR	27.27	B78E
071014	P2B-ISN 524-110MFR	38.64	B78E
071015	P2B-ISN 526-115MFR	45.45	B78E
071016	P2B-ISN 528-125MFR	60.45	B78E
071102	P2B-ISN-530-135MFR		B78E
071106	P2B-ISN-532-140MFR		B78E
071017	P2B-ISN 507-030MLR	2.73	B78E
071018	P2B-ISN 508-035MLR	3.64	B78E
071019	P2B-ISN 509-040MLR	3.64	B78E
071020	P2B-ISN 510-045MLR	3.64	B78E
071021	P2B-ISN 511-050MLR	2.27	B78E
071022	P2B-ISN 512-055MLR	5.45	B78E
071023	P2B-ISN 513-060MLR	7.73	B78E
071024	P2B-ISN 515-065MLR	8.64	B78E
071025	P2B-ISN 516-070MLR	11.36	B78E
071026	P2B-ISN 517-075MLR	11.42	B78E
071027	P2B-ISN 518-080MLR	13.64	B78E
071028	P2B-ISN 518-085MLR	16.36	B78E
071029	P2B-ISN 520-090MLR	21.82	B78E
071030	P2B-ISN 522-100MLR	34.09	B78E

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071031	P2B-ISN 524-110MLR	52.27	B78E
071032	P2B-ISN 526-115MLR	60.00	B78E
071033	P2B-ISN 528-125MLR	60.45	B78E
071103	P2B-ISN-530-135MLR	-	B78E
071107	P2B-ISN-532-140MLR	-	B78E
747925	P2B-ISN 510-112 FR	-	B78E
747948	P2B-ISN 515-207 FR	8.69	B78E
071985	ISN 509-22209 FR	1.68	B78E
071987	ISN 511-22210 FR	2.09	B78E
744981	ADPTR-IP-22213-60M	-	B78E
744983	ADPTR-IP-22215-70M	-	B78E
744989	ADPTR-IP-22222-110MM	-	B78E
744991	ADPTR-IP-22226-125MM		B78E
069286	ADPTR-IP-22208-102	-	B78E
069287	ADPTR-IP-22208-103	-	B78E
069288	ADPTR-IP-22208-104	-	B78E
069289	ADPTR-IP-22208-106	-	B78E
064153	ADPTR-ISN-22209-107	-	B78E
064154	ADPTR-ISN-22209-108	-	B78E
064155	ADPTR-ISN-22210-111	-	B78E
064156	ADPTR-ISN-22210-112	-	B78E
069296	ADPTR-IP-22210-115	-	B78E
069297	ADPTR-IP-22210-200	-	B78E
064157	ADPTR-ISN-22211-202	-	B78E
064071	ADPTR-ISN-22213-204	-	B78E
064073	ADPTR-ISN-22215-208	-	B78E
069303	ADPTR-IP-22215-211	-	B78E
069304	ADPTR-IP-22215-212	-	B78E
069305	ADPTR-IP-22215-215	-	B78E
069306	ADPTR-IP-22215-300	-	B78E
069307	ADPTR-IP-22218-303	-	B78E
069308	ADPTR-IP-304	-	B78E
064074	ADPTR-ISN-22220-307	-	B78E
064075	ADPTR-ISN-22220-308	-	B78E
069312	ADPTR-IP-22220-315	-	B78E
069313	ADPTR-IP-22220-400	-	B78E
064076	ADPTR-ISN-22226-407	-	B78E
064077	ADPTR-ISN-22226-408	-	B78E
069316	ADPTR-IP-22226-415	0.11	B78E

Applications: SN dimensioned housings for a wide variety of industries and applications.

Features: Housing of cast iron GG25. GGG spheroidal ductile iron housings available (SSND). 40mm through 175mm. 200, 300, 500 and 600 series housings. Grease or oil lubrication. Solid feet for enhanced load capacity. Available seals: Felt, V-ring, LD split lip radial, TS labyrinth, TT triple-tect, DK end cover. Integral taconite seal capability



SNX/SSND Plummer Blocks

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SNX (GG25) Housings / Gehäuse / Pallers / Soportes / Sopporti ritti			
747025	SNX 209/509	2.27	B78E
747026	SNX 210/510/308/608	5.09	B78E
747027	SNX 211/511/309/609	4.13	B78E
747028	SNX 212/512/310/610	1.36	B78E
747029	SNX 213/513/311/611	-	B78E
747030	SNX 215/515/312/612	4.55	B78E
747031	SNX 216/516/313/613	12.73	B78E
747032	SNX 217/517/314	15.73	B78E
747033	SNX 218/518/315/615	28.41	B78E
747034	SNX 219/519/316/616	23.18	B78E
747035	SNX 220/520/317/617	31.06	B78E
747036	SNX 222/522/319/619	37.50	B78E
747037	SNX 224/524/320/620	41.36	B78E
747038	SNX 226/526	72.73	B78E
747039	SNX 228/528	79.55	B78E
747040	SNX 230/530	77.45	B78E
747041	SNX 232/532	97.73	B78E
SNX (GG25) Housings / Gehäuse / Pallers / Soportes / Sopporti ritti			
747216	SNX 232 - TS/TT	100.24	B75
SSND (GGG40) Housings / Gehäuse / Pallers / Soportes / Sopporti ritti			
747051	SSND 209/509	-	B78E
747052	SSND 210/510/308/608	-	B78E
747053	SSND 211/511/309/609	-	B78E
747054	SSND 212/512/310/610	-	B78E
747055	SSND 213/513/311/611	-	B78E
747056	SSND 215/515/312/612	-	B78E
747057	SSND 216/516/313/613	-	B78E
747058	SSND 217/517/314	0.07	B78E
747059	SSND 218/518/315/615	3.31	B78E
747060	SSND 220/520/317/617	-	B78E
747061	SSND 222/522/319/619	-	B78E
747062	SSND 224/524/320/620	33.52	B78E

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747063	SSND 226/526	7.08	B78E
747064	SSND 228/528	69.09	B78E
747065	SSND 230/530	-	B78E
747066	SSND 232/532	-	B78E
Seals, end covers / Dichtungen, Abschlußdeckel / Etanchéités, couvercles / Obturaciones, tapas / Tenute, coperchi			
725357	LD 55	0.01	B78E
725358	LD 60	0.02	B78E
725359	LD 65	0.01	B78E
725360	LD 70	0.01	B78E
725361	LD 75	-	B78E
725363	LD 85	-	B78E
725364	LD 90	-	B78E
725341	LD 100	0.03	B78E
725342	LD 110	0.01	B78E
725343	LD 115	0.02	B78E
725344	LD 125	0.05	B78E
725345	LD 135	-	B78E
725346	LD 140 (532)	0.02	B78E
713600	FS 6.5X8X200	-	B78E
713616	FS 6.5X8X230	-	B78E
713616	FS 6.5X8X230	-	B78E
713633	FS 7.5X9X260	-	B78E
713633	FS 7.5X9X260	-	B78E
713571	FS 7.5X9X155 (2x)	-	B78E
713579	FS 8.5X10X165 (2x)	-	B78E
713586	FS 8.5X10X175 (2x)	-	B78E
713588	FS 10X12X185 (2x)	-	B78E
713596	FS 10X12X200 (2x)	-	B78E
713603	FS 10X12X210 (2x)	-	B78E
713613	FS 10X12X230 (2x)	-	B78E
713622	FS 10X12X245 (2x)	-	B78E
713634	FS 10X12X265 (2x)	-	B78E
713641	FS 10X12X280 (2x)	-	B78E
713647	FS 10X12X300 (2x)	-	B78E
738145	VS0055	-	B78E
738146	VS0060	-	B78E
738147	VS0065	0.01	B78E
738148	VS0070	0.01	B78E
738149	VS0075	0.01	B78E
738151	VS0085	0.01	B78E
738152	VS0090	0.01	B78E
738154	VS0095	0.57	B78E
738155	VS0100	0.01	B78E
738157	VS0110	0.01	B78E
738158	VS0115	-	
738160	VS0125	-	
738162	VS0135	-	B78E
738164	VS0145	-	B78E
738166	VS0155	-	B78E
738170	VS0175	-	B78E
709137	DK 55	0.01	B78E
709140	DK 60	-	B78E

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709143	DK 65	0.01	B78E
709146	DK 70	-	B78E
709152	DK 75	2.08	B78E
709162	DK 85	0.01	B78E
709166	DK 90	0.09	B78E
709166	DK 90	0.09	B78E
708959	DK 100	-	B78E
708966	DK 110	-	B78E
708970	DK 115	-	B78E
708976	DK 125	0.42	B78E
708983	DK 135	-	B78E
740381	DK 145	-	B78E
740382	DK 155	0.09	B78E
740383	DK 165	0.11	B78E
740384	DK 175	-	B78E
496446	SK 509 LD 40	0.45	B78E
496447	SK 510 LD 45	0.45	B78E
496448	SK 511 LD 50	0.45	B78E
496449	SK 512 LD 55	0.45	B78E
496450	SK 513 LD 60	0.45	B78E
496451	SK 515 LD 65	0.45	B78E
496452	SK 516 LD 70	0.45	B78E
496453	SK 517 LD 75	0.45	B78E
496454	SK 518 LD 80	0.45	B78E
496455	SK 519 LD 85	0.45	B78E
496456	SK 520 LD 90	0.45	B78E
496457	SK 522 LD 100	0.45	B78E
496458	SK 524 LD 110	0.45	B78E
496459	SK 526 LD 115	0.45	B78E
496460	SK 528 LD 125	0.45	B78E
496461	SK 530 LD 135	0.45	B78E
496462	SK 532 LD 140	0.45	B78E
496464	SK 509 FS 40	0.45	B78E
496465	SK 510 FS 45	0.05	B78E
496466	SK 511 FS 50	0.05	B78E
496467	SK 512 FS 55	0.05	B78E
496468	SK 513 FS 60	0.05	B78E
496469	SK 515 FS 65	0.45	B78E
496470	SK 516 FS 70	0.05	B78E
496471	SK 517 FS 75	0.05	B78E
496472	SK 518 FS 80	0.05	B78E
496473	SK 519 FS 85	0.05	B78E
496474	SK 520 FS 90	0.05	B78E
496475	SK 522 FS 100	0.05	B78E
496476	SK 524 FS 110	0.05	B78E
496477	SK 526 FS 115	0.05	B78E
496478	SK 528 FS 125	0.05	B78E
496479	SK 530 FS 135	0.05	B78E
496480	SK 532 FS 140	0.05	B78E
738141	VS0040	-	B78E
738142	VS0045	-	B78E
738143	VS0050	-	B78E
738145	VS0055	-	B78E

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738146	VS0060	-	B78E
738147	VS0065	0.01	B78E
738148	VS0070	0.01	B78E
738149	VS0075	0.01	B78E
738151	VS0085	0.01	B78E
738152	VS0090	0.01	B78E
738154	VS0095	0.57	B78E
738155	VS0100	0.01	B78E
738157	VS0110	0.01	B78E
738158	VS0115	-	#N/A
738160	VS0125	-	#N/A
738162	VS0135	-	B78E
738163	VS0140	0.02	B78E
747328	TS 509	0.12	B78E
747329	TS 510	0.05	B78E
747330	TS 511	0.14	B78E
747331	TS 512	0.14	B78E
747332	TS 513	2.08	B78E
747333	TS 515	0.23	B78E
747334	TS 516	0.23	B78E
747335	TS 517	0.23	B78E
747336	TS 518	0.74	B78E
747337	TS 519	0.97	B78E
747338	TS 520	0.98	B78E
747339	TS 522	1.19	B78E
747340	TS 524	1.36	B78E
747341	TS 526	1.59	B78E
747342	TS 528	1.73	B78E
747343	TS 530	0.59	B78E
747344	TS 532	2.12	B78E
747384	TT 509	0.34	B78E
747385	TT 510	-	B78E
747386	TT 511	-	B78E
747387	TT 512	0.57	B78E
747388	TT 513	-	B78E
747389	TT 515	0.25	B78E
747390	TT 516	0.15	B78E
747391	TT 517	0.14	B78E
747392	TT 518	0.95	B78E
747393	TT 519	0.26	B78E
747394	TT 520	0.29	B78E
747395	TT 522	0.35	B78E
747396	TT 524	0.37	B78E
747397	TT 526	0.59	B78E
747398	TT 528	0.68	B78E
747399	TT 530	0.91	B78E
747400	TT 532	-	B78E
747250	TS 232 175MM SEAL	0.68	B75
496400	SK 308 FS 50	0.45	B78E
496401	SK 309 FS 55	0.45	B78E
496402	SK 310 FS 60	0.45	B78E
496403	SK 311 FS 65	0.45	B78E

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496404	SK 312 FS 70	0.45	B78E
496405	SK 313 FS 75	0.45	B78E
496406	SK 314 FS 80	0.45	B78E
496407	SK 315 FS 85	0.45	B78E
496408	SK 316 FS 90	0.45	B78E
496409	SK 317 FS 95	0.45	B78E
496410	SK 319 FS 110	0.45	B78E
496411	SK 320 FS 115	0.45	B78E
496412	SK 608 LD 35	0.45	B78E
496413	SK 609 LD 40	0.14	B78E
496414	SK 610 LD 45	0.45	B78E
496415	SK 611 LD 50	0.45	B78E
496416	SK 612 LD 55	0.45	B78E
496417	SK 613 LD 60	0.45	B78E
496418	SK 615 LD 65	0.45	B78E
496419	SK 616 LD 70		B78E
496420	SK 617 LD 75	0.45	B78E
496421	SK 619 LD 85	0.45	B78E
496422	SK 620 LD 90	0.45	B78E
496423	SK 608 FS 35	0.45	B78E
496424	SK 609 FS 40	0.45	B78E
496425	SK 610 FS 45	0.45	B78E
496426	SK 611 FS 50	0.45	B78E
496427	SK 612 FS 55	0.45	B78E
496428	SK 613 FS 60	0.45	B78E
496429	SK 615 FS 65	0.45	B78E
496430	SK 616 FS 70	0.45	B78E
496431	SK 617 FS 75	0.45	B78E
496432	SK 619 FS 85	0.45	B78E
496433	SK 620 FS 90	0.45	B78E
738140	VS0035	-	B78E
738141	VS0040	-	B78E
738142	VS0045	-	B78E
738143	VS0050	-	B78E
738145	VS0055	-	B78E
738146	VS0060	-	B78E
738147	VS0065	0.01	B78E
738148	VS0070	0.01	B78E
738149	VS0075	0.01	B78E
738151	VS0085	0.01	B78E
738152	VS0090	0.01	B78E
747105	SR 85x3.5 STAB RING	0.23	B78E
747108	SR 90x9 STAB RING	0.55	B78E
747111	SR 100x9.5 STAB RING	0.09	B78E
747115	SR 110x10 STAB RING	0.09	B78E
747118	SR 120x10 STAB RING	2.08	B78E
747121	SR 130x12.5 STAB RING	0.23	B78E
747123	SR 140x12.5 STAB RING	-	B78E
747125	SR 150x12.5 STAB RING	0.57	B78E
747128	SR 160x12.5 STAB RING	-	B78E
747130	SR 170x12.5 STAB RING	-	B78E
747132	SR 180x12 STAB RING	0.05	B78E
747137	SR 200x13.5 STAB RING	0.09	B78E

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747141	SR 215x14 STAB RING	0.45	B78E
747143	SR 230x13 STAB RING	-	B78E
747146	SR 250x15 STAB RING	0.05	B78E
747152	SR 290x17 STAB RING	-	B78E
747188	SR 200x21 STAB RING	0.36	B78E
747107	SR 90x4 STAB RING	-	B78E
747110	SR 100x4 STAB RING	0.06	B78E
747114	SR 110x4 STAB RING	0.01	B78E
747117	SR 120x4 STAB RING	0.05	B78E
747120	SR 130x5 STAB RING	0.05	B78E
747122	SR 140x5 STAB RING	0.05	B78E
747124	SR 150x5 STAB RING	0.05	B78E
747126	SR 160x5 STAB RING	0.05	B78E
747129	SR 170x5 STAB RING	0.05	B78E
747131	SR 180x5 STAB RING	0.05	B78E
747135	SR 200x6.5 STAB RING	0.07	B78E
747139	SR 215x6.5 STAB RING	0.07	B78E



Applications: SN dimensioned housings for a wide variety of industries and applications.

Features: ISO-conformant plummer block interchangeable with metric SNL, SNV, SNA, and other SN products. Housed and sealed, general purpose, high capacity, double-row, spherical roller bearings. Adapter and direct mount. Five different sealing options to match most operating conditions. Grease or oil capable. Also available in SDX, SNF and SSND housings

SNX30 Plummer Blocks

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SNX (GG25) Housings / Gehäuse / Paliers / Soportes / Sopporti ritti			
747042	SNX 3024	29.55	B78E
747043	SNX 3026	-	B78E
747044	SNX 3028	22.73	B78E
747046	SNX 3032	22.73	B78E
747047	SNX 3034	32.73	B78E
747048	SNX 3036	45.45	B78E
747049	SNX 3038	37.27	B78E
Seals, end covers / Dichtungen, Abschlußdeckel / Etanchéités, couvercles / Obturaciones, tapas / Tenute, coperchi			
747131	SR 180x5 STAB RING	0.05	B78E
747138	SR 210x10 STAB RING	-	B78E
747145	SR 240x10 STAB RING	0.50	B78E
747148	SR 260x10 STAB RING	-	B78E
747150	SR 280x10 STAB RING	13.18	B78E
747151	SR 290x10 STAB RING	-	B78E
713596	FS 10x12x200	-	B78E
713603	FS 10x12x210	-	B78E
713613	FS 10x12x230	-	B78E
713622	FS 10x12x245	-	B78E
713634	FS 10x12x265	-	B78E
713641	FS 10x12x280	-	B78E
713647	FS 10x12x300	-	B78E
713647	FS 10x12x300	-	B78E
738157	VS0110	0.01	B78E
738158	VS0115	-	
738160	VS0125	-	
738162	VS0135	-	B78E
738163	VS0140	0.02	B78E
738169	VS0170	-	B78E



Features: 180mm through 320mm. SD housing with extra capability. For 23040K through 23068K bearings, and 23134K through 23164K bearings. Available in either GG cast iron or GGG spheroidal ductile iron. TS labyrinth seal standard. TT triple tect seal optional; housing machined to allow direct greasing and purging of taconite seal.

SDX, SDXD Plummer Blocks

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SDX (GG25) Housings / Gehäuse / Paliers / Soportes / Sopporti ritti			
747600	SDX 3134	-	B78E
747601	SDX 3136	100.00	B78E
747603	SDX 3138	27.27	B78E
747602	SDX 3040	-	B78E
747604	SDX 3140 / 3044	135.45	B78E
747605	SDX 3048	-	B78E
747606	SDX 3144	299.09	B78E
747607	SDX 3148 / 3052	204.55	B78E
747609	SDX 3152	215.91	B78E
747608	SDX 3056	-	B78E
747610	SDX 3156 / 3060	250.91	B78E
747612	SDX 3160	136.36	B78E
747611	SDX 3064	-	B78E
747614	SDX 3164	330.91	B78E
SDXD (GGG40) Housings / Gehäuse / Paliers / Soportes / Sopporti ritti			
747622	SDXD 3134	84.09	B78E
747623	SDXD 3136	-	B78E
747625	SDXD 3138	45.45	B78E
747624	SDXD 3040	36.36	B78E
747626	SDXD 3140 / 3044	145.45	B78E
747627	SDXD 3048	-	B78E
747628	SDXD 3144	-	B78E
747629	SDXD 3148 / 3052	40.91	B78E
747631	SDXD 3152	68.18	B78E
747630	SDXD 3056	127.27	B78E
747632	SDXD 3156 / 3060	113.64	B78E
747634	SDXD 3160	136.36	B78E
747633	SDXD 3064	45.45	B78E
747636	SDXD 3164	136.36	B78E
747635	SDXD 3068	-	B78E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
Seals, end covers / Dichtungen, Abschlußdeckel / Etanchéités, couvercles / Obturaciones, tapas / Tenute, coperchi			
747150	SR 280x10 STAB RING	13.18	B78E
747154	SR 300x10 STAB RING	5.16	B78E
747156	SR 320x10 STAB RING	0.05	B78E
747157	SR 340x10 STAB RING	0.05	B78E
747162	SR 370x10 STAB RING	-	B78E
747164	SR 400x10 STAB RING	1.36	B78E
747170	SR 460x10 STAB RING	1.05	B78E
747173	SR 500x10 STAB RING	0.57	B78E
747155	SR 310x20 STAB RING	-	B78E
747161	SR 360x24 STAB RING	-	B78E
747167	SR 420x30 STAB RING	-	B78E
747172	SR 480x30 STAB RING	-	B78E
747174	SR 520x32 STAB RING	-	B78E
747681	TS-23134	-	B78E
747683	TS-23138	1.45	B78E
747684	TS-23140	3.36	B78E
747667	TS-23044	-	B78E
747686	TS-23148	3.68	B78E
747669	TS-23052	-	B78E
747688	TS-23156	2.73	B78E
747671	TS-23060	-	B78E
747690	TS-23164	-	B78E

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Applications: Used primarily in fans and blowers or other critical applications such as emergency generators.

Features: Two piece split plummer block housing made of cast iron has oil conveying ring lubrication. Available in direct or adapter mount with 22200 or 22300 bearings. Designed specifically for applications where reliability and long maintenance-free intervals are required. Lubrication is conveyed to the bearing by means of a rotating oil conveying ring. An oil level gauge is supplied with all housings. Uses labyrinth seals. End covers are optional.

HFO Complete Assemblies / Komplette Einheiten /
Paliers complets / Unidades completas / Soporti con cuscinetti a rulli conici

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HFO (GG25) Housings / Gehäuse / Paliers / Soportes / Soporti			
720643	HFO 217 A F/L	33.11	B75E
720647	HFO 217 B F/L	33.11	B75E
720653	HFO 218 A F/L	42.15	B75E
720659	HFO 218 B F/L	50.00	B75E
720669	HFO 219 A F/L	45.15	B75E
720671	HFO 219 B F/L	45.15	B75E
720675	HFO 220 A F/L	55.19	
720683	HFO 220 B F/L	55.19	B75E
720692	HFO 222 A F/L	70.23	B75E
720695	HFO 222 B F/L	70.23	B75E
720702	HFO 224 A F/L	95.32	B75E
720708	HFO 224 B F/L	95.32	B75E
720718	HFO 226 A F/L	100.34	B75E
720724	HFO 226 B F/L	104.55	B75E
720733	HFO 228 A F/L	125.43	B75E
720741	HFO 228 B F/L	125.43	B75E
720754	HFO 230 A F/L	140.48	B75E
720763	HFO 230 B F/L	140.00	B75E
720773	HFO 232 A F/L	165.56	B75E
720780	HFO 232 B F/L	165.56	B75E
720788	HFO 234 A F/L	215.73	B75E
720797	HFO 234 B F/L	215.73	B75E
720805	HFO 236 A F/L	277.27	B75E
720810	HFO 236 B F/L	681.82	B75E
720817	HFO 238 A F/L	245.84	B75E
720820	HFO 238 B F/L	245.84	B75E
720825	HFO 240 A F/L	321.09	B75E
720830	HFO 240 B F/L	321.09	B75E
720840	HFO 244 A F/L	376.28	B75E
720846	HFO 244 B F/L	377.27	B75E
745878	HFO 248 B F/L	509.09	B75E
720940	HFO 517 A F/L	43.18	B75E

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720945	HFO 517 B F/L	34.09	B75E
720950	HFO 518 A F/L	45.00	B75E
720956	HFO 518 B F/L	45.00	B75E
720960	HFO 519 A F/L	45.00	B75E
720962	HFO 519 B F/L	45.00	B75E
720965	HFO 520 A F/L	45.45	B75E
720970	HFO 520 B F/L	56.82	B75E
720973	HFO 522 A F/L	73.18	B75E
720975	HFO 522 B F/L	73.18	B75E
720978	HFO 524 A F/L	101.82	B75E
720982	HFO 524 B F/L	101.82	B75E
720987	HFO 526 A F/L	105.00	B75E
720993	HFO 526 B F/L	109.09	B75E
739229	HFO 528 A F/L	145.45	B75E
721005	HFO 528 B F/L	125.00	B75E
721010	HFO 530 A F/L	150.00	B75E
721014	HFO 530 B F/L	150.00	B75E
721016	HFO 532 A F/L		B75E
721022	HFO 532 B F/L	180.00	B75E
721026	HFO 534 A F/L	225.00	B75E
721030	HFO 534 B F/L	225.00	B75E
721034	HFO 536 A F/L	255.00	B75E
721040	HFO 536 B F/L	255.00	B75E
721044	HFO 538 B F/L	300.00	B75E
721046	HFO 540 A F/L	340.00	B75E
721049	HFO 540 B F/L	340.00	B75E
721053	HFO 544 A F/L	395.00	B75E
721057	HFO 544 B F/L	395.00	B75E
720854	HFO 310 A F/L	20.07	B75E
720856	HFO 310 B F/L	20.07	B75E
720859	HFO 311 A F/L	24.08	B75E
720861	HFO 311 B F/L	24.09	B75E
720864	HFO 312 A F/L	25.09	B75E
720866	HFO 312 B F/L	25.09	B75E
720869	HFO 314 A F/L	30.10	B75E
720871	HFO 314 B F/L	30.10	B75E
720875	HFO 316 A F/L	35.12	B75E
720877	HFO 316 B F/L	56.82	B75E
720880	HFO 318 A F/L	65.23	B75E
720882	HFO 318 B F/L	65.23	B75E
720884	HFO 320 A F/L	98.34	B75E
720886	HFO 320 B F/L	98.34	B75E
720889	HFO 322 A F/L	100.34	B75E
720891	HFO 322 B F/L	100.34	B75E
720894	HFO 324 A F/L	130.45	B75E
720896	HFO 324 B F/L	130.45	B75E
720899	HFO 326 B F/L	155.55	B75E
720903	HFO 328 A F/L	210.73	B75E
720909	HFO 328 B F/L	95.45	B75E
720915	HFO 330 B F/L	214.73	B75E
720919	HFO 332 A F/L	246.86	B75E
720925	HFO 332 B F/L	246.82	B75E
720930	HFO 334 A F/L	288.95	B75E
720933	HFO 334 B F/L	289.00	B75E
720938	HFO 336 B F/L	383.32	B75E

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721061	HFO 610 B F/L	10.91	B75E
721063	HFO 611 A F/L	11.36	B75E
721065	HFO 611 B F/L	11.36	B75E
721067	HFO 612 A F/L	11.82	B75E
721069	HFO 612 B F/L	11.82	B75E
721071	HFO 614 A F/L	15.00	B75E
721074	HFO 614 B F/L	15.00	B75E
721077	HFO 616 A F/L	18.18	B75E
721079	HFO 616 B F/L	18.18	B75E
721081	HFO 618 A F/L	32.73	B75E
721083	HFO 618 B F/L	32.73	B75E
721085	HFO 620 B F/L	44.55	B75E
721087	HFO 622 A F/L	49.55	B75E
721089	HFO 622 B F/L	49.55	B75E
721091	HFO 624 A F/L	57.27	B75E
721093	HFO 624 B F/L	57.27	B75E
721096	HFO 628 A F/L	84.09	B75E
721100	HFO 628 B F/L	84.09	B75E
721104	HFO 630 B F/L	95.45	B75E
721107	HFO 632 A F/L	109.09	B75E
721111	HFO 632 B F/L	109.09	B75E
721114	HFO 634 B F/L	127.27	B75E
HFO MOD Kits			
745145	HFO 218 A F/L MOD S=8	42.15	B75E
496360	HFO 218 B F/L MOD S=8	42.15	B75E
745747	HFO 220 A F/L MOD S=9	55.19	B75E
745155	HFO 220 B F/L MOD S=9	55.19	B75E
496353	HFO 222 A F/L MOD S=9	70.24	B75E
745647	HFO 222 B F/L MOD S=9	70.24	B75E
744558	HFO 224 A F/L MOD S=12	95.32	B75E
496361	HFO 224 B F/L MOD S=12	95.32	B75E
496354	HFO 226 A F/L MOD S=12	100.34	B75E
496355	HFO 228 A F/L MOD S=15	125.43	B75E
745448	HFO 228 B F/L MOD S=15	125.43	B75E
496356	HFO 230 A F/L MOD S=13	140.48	B75E
746620	HFO 230 B F/L MOD S=13	140.48	B75E
496362	HFO 232 B F/L MOD S=15	165.56	B75E
744774	HFO 234 A F/L MOD S=15	215.73	B75E
739274	HFO 234 B F/L MOD S=15	215.73	B75E
496357	HFO 236 A F/L MOD S=15	235.79	B75E
496363	HFO 236 B F/L MOD S=15	235.80	B75E
496358	HFO 238 A F/L MOD S=17	245.84	B75E
496364	HFO 238 B F/L MOD S=17	245.84	B75E
496359	HFO 240 A F/L MOD S=17	321.09	B75E
744533	HFO 240 B F/L MOD S=17	321.09	B75E
742524	HFO 218 A F/L MOD KS	42.15	B75E
742520	HFO 218 B F/L MOD KS	42.15	B75E
745543	HFO 220 B F/L MOD KS	55.19	B75E
744515	HFO 222 A F/L MOD KS	70.24	B75E
741249	HFO 222 B F/L MOD KS	70.24	B75E
746211	HFO 224 B F/L MOD KS	-	B75E
738640	HFO 226 B F/L MOD KS	100.34	B75E
744400	HFO 228 A F/L MOD KS	131.82	B75E

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744012	HFO 228 B F/L MOD KS	136.36	B75E
745728	HFO 232 B F/L MOD KS	165.45	B75E
744014	HFO 234 B F/L MOD KS	215.91	B75E
745752	HFO 236 B F/L MOD KS	235.91	B75E
HFO Housing Assembly (GG25) without Seals			
496150	HFO 217 B	13.64	B75E
496151	HFO 218 B	14.68	B75E
496188	HFO 219 B	19.55	B75E
496154	HFO 220 B	17.86	B75E
496157	HFO 222 B	27.32	B75E
496159	HFO 224 B	31.82	B75E
496162	HFO 226 B	40.91	B75E
496165	HFO 228 B	46.36	B75E
496168	HFO 230 B	55.82	B75E
496171	HFO 232 B	62.68	B75E
496173	HFO 234 B	60.36	B75E
496176	HFO 236 B	286.36	B75E
496179	HFO 238 B	111.36	B75E
496182	HFO 240 B	81.82	B75E
496185	HFO 244 B	112.18	B75E
496187	HFO 248 B	135.91	B75E
496189	HFO 310 B	9.09	B75E
496190	HFO 311 B	20.65	B75E
496191	HFO 312 B	-	B75E
496192	HFO 314 B	27.18	B75E
496193	HFO 316 B	16.82	B75E
496194	HFO 318 B	-	B75E
496195	HFO 320 B	54.55	B75E
496196	HFO 322 B	52.27	B75E
496197	HFO 324 B	122.27	B75E
496198	HFO 326 B	195.45	B75E
496199	HFO 328 B	95.45	B75E
496201	HFO 330 B	97.27	B75E
496202	HFO 332 B	258.00	B75E
496204	HFO 334 B	295.00	B75E
496206	HFO 336 B	173.64	B75E
HFO Housing Assembly (GGG40) with Seals			
496152	HFO 218 GGG B	0.23	B75E
496155	HFO 220 GGG B	26.36	B75E
496160	HFO 224 GGG B	40.91	B75E
496163	HFO 226 GGG B	50.00	B75E
496166	HFO 228 GGG B	36.36	B75E
496169	HFO 230 GGG B	47.73	B75E
496172	HFO 232 GGG B	-	B75E
496174	HFO 234 GGG B	84.09	B75E
496177	HFO 236 GGG B	93.18	B75E
496180	HFO 238 GGG B	72.73	B75E
496183	HFO 240 GGG B	127.27	B75E
496186	HFO 244 GGG B	136.36	B75E
HFO Seals			
713043	FR HFO 217 83	0.56	B75E
713044	FR HFO 217 85	0.46	B75E
713045	FR HFO 217 85K	0.20	B75E

AC Motors

DC Motors &
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AC Drives

Gearing

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713046	FR HFO 218 88	0.56	B75E
713048	FR HFO 218 90	0.68	B75E
713050	FR HFO 218 90K	0.05	B75E
713052	FR HFO 219 93	0.77	B75E
713053	FR HFO 219 95	0.77	B75E
713054	FR HFO 219 95K	0.33	B75E
713055	FR HFO 220 100	0.58	B75E
713057	FR HFO 220 100K	0.28	B75E
713058	FR HFO 220 98	0.73	B75E
713061	FR HFO 222 108	0.91	B75E
713062	FR HFO 222 110	0.79	B75E
713063	FR HFO 222 110K	0.38	B75E
713064	FR HFO 224 118	1.82	B75E
713065	FR HFO 224 120	1.42	B75E
713066	FR HFO 224 120 K	0.49	B75E
713067	FR HFO 226 128	1.14	B75E
713068	FR HFO 226 130	1.55	B75E
713069	FR HFO 226 130 K	0.51	B75E
713071	FR HFO 228 138	5.00	B75E
713073	FR HFO 228 140	5.00	B75E
713075	FR HFO 228 140K	0.77	B75E
713078	FR HFO 230 148	0.11	B75E
713079	FR HFO 230 150	0.11	B75E
713080	FR HFO 230 150K	0.11	B75E
713082	FR HFO 232 158	3.08	B75E
713084	FR HFO 232 160	2.95	B75E
713086	FR HFO 232 160K	1.08	B75E
713087	FR HFO 234 168	4.09	B75E
713089	FR HFO 234 170	3.77	B75E
713091	FR HFO 234 170K	1.39	B75E
713092	FR HFO 236 177	5.27	B75E
713093	FR HFO 236 180	4.29	B75E
713094	FR HFO 236 180K	1.82	B75E
713096	FR HFO 238 188	5.65	B75E
713097	FR HFO 238 190	5.25	B75E
713098	FR HFO 238 190K	1.80	B75E
713099	FR HFO 240 198	5.89	B75E
713100	FR HFO 240 200	5.59	B75E
713101	FR HFO 240 200K	5.55	B75E
713103	FR HFO 244 218	3.32	B75E
713104	FR HFO 244 220	-	B75E
713105	FR HFO 244 220K	7.41	B75E
744338	FR HFO 248 238	22.73	B75E
744337	FR HFO 248 240	22.73	B75E
713153	FR HFO 517 75K	0.58	B75E
713154	FR HFO 517 75L	0.91	B75E
713155	FR HFO 518 80K	0.67	B75E
713156	FR HFO 518 80L	0.78	B75E
713157	FR HFO 519 85K	0.79	B75E
713158	FR HFO 519 85L	1.82	B75E
713159	FR HFO 520 90K	45.45	B75E
713160	FR HFO 520 90L	45.45	B75E
713161	FR HFO 522 100K	0.99	B75E
713162	FR HFO 522 100L	1.25	B75E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
713163	FR HFO 524 110K	1.69	B75E
713164	FR HFO 524 110L	1.98	B75E
713165	FR HFO 526 115K	1.86	B75E
713166	FR HFO 526 115L	2.18	B75E
713167	FR HFO 528 125K	2.40	B75E
713168	FR HFO 528 125L	1.36	B75E
713169	FR HFO 530 135K	2.27	B75E
713170	FR HFO 530 135L	2.98	B75E
713171	FR HFO 532 140K	3.52	B75E
713172	FR HFO 532 140L	4.37	B75E
713174	FR HFO 534 150K	4.59	B75E
713175	FR HFO 534 150L	4.55	B75E
713176	FR HFO 536 160K	2.27	B75E
713178	FR HFO 536 160L	4.55	B75E
713181	FR HFO 538 170K	6.64	B75E
713182	FR HFO 538 170L	7.36	B75E
713183	FR HFO 540 180K	6.82	B75E
713184	FR HFO 540 180L	7.32	B75E
713185	FR HFO 544 200K	7.76	B75E
713186	FR HFO 544 200L	9.14	B75E
713107	FR HFO 310 49	0.21	B75E
713108	FR HFO 310 50	0.20	B75E
713109	FR HFO 310 50K	0.11	B75E
713110	FR HFO 311 53	0.50	B75E
713111	FR HFO 311 55	0.18	B75E
713112	FR HFO 311 55K	0.11	B75E
713113	FR HFO 312 58	0.50	B75E
713114	FR HFO 312 60	0.50	B75E
713115	FR HFO 312 60K	0.18	B75E
713116	FR HFO 314 65	0.59	B75E
713117	FR HFO 314 70	0.36	B75E
713118	FR HFO 314 70K	0.24	B75E
713119	FR HFO 316 78	0.77	B75E
713120	FR HFO 316 80	0.68	B75E
713121	FR HFO 316 80K	0.77	B75E
713122	FR HFO 318 88	0.95	B75E
713123	FR HFO 318 90	0.88	B75E
713124	FR HFO 318 90K	0.37	B75E
713125	FR HFO 320 100	1.28	B75E
713126	FR HFO 320 100K	0.31	B75E
713128	FR HFO 322 108	2.14	B75E
713129	FR HFO 322 110	2.14	B75E
713130	FR HFO 322 110K	2.14	B75E
713131	FR HFO 324 118	2.50	B75E
713132	FR HFO 324 120	2.09	B75E
713133	FR HFO 324 120K	0.81	B75E
713134	FR HFO 326 128	3.05	B75E
713135	FR HFO 326 130	0.34	B75E
713136	FR HFO 328 138	3.64	B75E
713137	FR HFO 328 140	3.64	B75E
713138	FR HFO 328 140K	1.64	B75E
713140	FR HFO 330 148	3.43	B75E
713141	FR HFO 330 150	3.32	B75E
713144	FR HFO 332 158	2.05	B75E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
713145	FR HFO 332 160	2.73	B75E
713146	FR HFO 332 160K	0.95	B75E
713147	FR HFO 334 168	3.64	B75E
713148	FR HFO 334 170	3.64	B75E
713149	FR HFO 334 170 K	1.14	B75E
713151	FR HFO 336 178	5.48	B75E
713152	FR HFO 336 180	5.36	B75E
713187	FR HFO 610 45K	-	B75E
713188	FR HFO 610 45L	-	B75E
713189	FR HFO 611 50K	0.03	B75E
713190	FR HFO 611 50L	0.03	B75E
713191	FR HFO 612 55K	-	B75E
713192	FR HFO 612 55L	-	B75E
713193	FR HFO 614 60K	-	B75E
713194	FR HFO 614 60L	-	B75E
713195	FR HFO 616 70K	2.27	B75E
713196	FR HFO 616 70L	0.04	B75E
713197	FR HFO 618 80K	-	B75E
713198	FR HFO 618 80L	-	B75E
713199	FR HFO 620 90K	-	B75E
713200	FR HFO 620 90L	-	B75E
713201	FR HFO 622 100K	-	B75E
713202	FR HFO 622 100L	-	B75E
713203	FR HFO 624 110K	-	B75E
713204	FR HFO 624 110L	-	B75E
713205	FR HFO 628 125K	-	B75E
713206	FR HFO 628 125L	-	B75E
713207	FR HFO 630 135K	-	B75E
713208	FR HFO 630 135L	-	B75E
713209	FR HFO 632 140K	-	B75E
713210	FR HFO 632 140L	-	B75E
713211	FR HFO 634 150K	-	B75E
713212	FR HFO 634 150L	-	B75E
711121	FD HFO 217 LA	-	B75E
711130	FD HFO 218 LA	-	B75E
711136	FD HFO 219 LA	-	B75E
711144	FD HFO 220 LA	2.74	B75E
711150	FD HFO 222 LA	-	B75E
711156	FD HFO 224 LA	-	B75E
711162	FD HFO 226 LA	-	B75E
711168	FD HFO 228 LA	-	B75E
711177	FD HFO 230 LA	-	B75E
711186	FD HFO 232 LA	-	B75E
711206	FD HFO 236 LA	-	B75E
711212	FD HFO 238 LA	-	B75E
711220	FD HFO 240 LA	-	B75E
711230	FD HFO 244 LA	-	B75E
711241	FD HFO 311 LA	-	B75E
711247	FD HFO 312 LA	-	B75E
711255	FD HFO 314 LA	-	B75E
711263	FD HFO 316 LA	-	B75E
711269	FD HFO 318 LA	-	B75E

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711274	FD HFO 320 LA	-	B75E
711280	FD HFO 322 LA	-	B75E
711286	FD HFO 324 LA	-	B75E
711296	FD HFO 328 LA	-	B75E
711307	FD HFO 332 LA	-	B75E
711312	FD HFO 334 LA	-	B75E
065984	HFO 218 KS Kit AL	10.91	B75E
065986	HFO 228 KS Kit AL	20.45	B75E
065970	HFO 218 KS Kit	7.73	B75E
065971	HFO 220 KS Kit	25.00	B75E
065972	HFO 222 KS Kit	12.27	B75E
065973	HFO 224 KS Kit	22.73	B75E
065974	HFO 226 KS Kit	22.73	B75E
065975	HFO 228 KS Kit	22.73	B75E
065976	HFO 230 KS Kit	19.09	B75E
065977	HFO 232 KS Kit	21.36	B75E
065978	HFO 234 KS Kit	31.82	B75E
065979	HFO 236 KS Kit	31.82	B75E
065980	HFO 238 KS Kit	31.82	B75E
065982	HFO 244 KS Kit	-	B75E
065983	HFO 248 KS Kit	12.30	B75E
496311	HFO 222 AL EXP KIT S=9	18.18	B75E
496312	HFO 224 AL EXP KIT S=12	38.64	B75E
496313	HFO 226 AL EXP KIT S=12	13.64	B75E
496314	HFO 228 AL EXP KIT S=15	28.00	B75E
496315	HFO 230 AL EXP KIT S=13	45.45	B75E
496316	HFO 232 AL EXP KIT S=15	42.18	B75E
496317	HFO 234 AL EXP KIT S=15	-	B75E
496318	HFO 236 AL EXP KIT S=15	-	B75E
496319	HFO 238 AL EXP KIT S=17	35.36	B75E
496320	HFO 240 AL EXP KIT S=17	73.50	B75E
496333	HFO 218 BL EXP KIT S=8	9.09	B75E
496334	HFO 220 BL EXP KIT S=9	20.91	B75E
496335	HFO 222 BL EXP KIT S=9	9.09	B75E
496336	HFO 224 BL EXP KIT S=12	18.64	B75E
496337	HFO 226 BL EXP KIT S=12	20.91	B75E
496338	HFO 228 BL EXP KIT S=15	28.50	B75E
496339	HFO 230 BL EXP KIT S=13	29.59	B75E
496340	HFO 232 BL EXP KIT S=15	59.09	B75E
496341	HFO 234 BL EXP KIT S=15	51.00	B75E
496342	HFO 236 BL EXP KIT S=15	54.50	B75E
496343	HFO 238 BL EXP KIT S=17	64.50	B75E

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DC Motors &
Drives

AC Drives

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Bearings / Lager / Roulements / Rodamientos / Cuscinetti

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Spherical roller bearings / Pendelrollenlager / Roulements à rotule à rouleaux cylindriques / Rodamientos oscilantes de rodillos / Cuscinetti orientabili a rulli			
422137	22210EK1.C3	0.66	B75E
422123	22211EK1.C3	0.87	B75E
422978	22212EK1.C3	1.09	B75E
422124	22213EK1.C3	1.56	B75E
422001	22215EK1.C3	1.73	B75E
422003	22216EK1.C3	2.14	B75E
422005	22217EK1.C3	2.68	B75E
422009	22220EK1.C3	4.96	B75E
422011	22222EK1.C3	7.04	B75E
422013	22224EK1.C3	8.86	B75E
422025	22236EK1.C3	28.65	B75E
421274	22230E1.C3	18.09	B75E
421277	22236E1.C3	27.73	B75E
703689	23038EASK.M.C3	7.55	B75E
703694	23040EASK.M.C3	10.00	B75E
703711	23044K.MB.C3	35.00	B75E
703831	23134K.M.C3	22.73	B75E
703840	23136ESKTVPB.C3	27.27	B75E
703873	23148BK.MB.C3	140.91	B75E
739329	23218K.C3	5.68	B75E
703941	23220K.C3	6.82	B75E
703951	23222K.C3	6.25	B75E
703967	23224EASK.M.C3	1.14	B75E
703971	23226K.C3	1.14	B75E
703982	23228K.C3	1.14	B75E
703989	23230K.C3	11.36	B75E
703996	23232K.C3	2.27	B75E
703943	23220E.C3	2.77	B75E
703976	23226.C3	17.05	B75E
741031	23228.C3	7.77	B75E
703990	23230.C3	9.18	B75E
746057	BRG13SS55.M	0.89	B75E
746058	BRG14SS60.M	1.02	B75E
746059	BRG15SS65.M	1.21	B75E
746060	BRG16SS70.M	1.44	B75E
746061	BRG17SS75.M	1.85	B75E
746062	BRG18SS80.M	2.25	B75E
746063	BRG19SS85.M	2.64	B75E
746064	BRG20SS90.M	2.95	B75E
746065	BRG26SS115.M	6.71	B75E

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Self-aligning ball bearings / Pendelkugellager / Roulements à rotule à billes / Rodamientos oscilantes de bolas / Cuscinetti orientabili a sfere			
701503	1205KTV.C3	0.06	B75E
701532	1207K.C3	0.23	B75E
701549	1208KTV.C3	0.16	B75E
702754	2205K.C3	0.07	B75E
702769	2206K.C3	0.45	B75E
702785	2207K.C3	0.19	B75E
739149	2208K.C3	0.21	B75E
739150	2209K.C3	0.23	B75E
702830	2210K.C3	0.25	B75E
702844	2211K.C3	0.33	B75E
702857	2212K.C3	1.36	B75E
702867	2213K.C3	0.62	B75E
739154	2218K.C3	1.50	B75E
702904	2219K.M.C3	4.55	B75E
702907	2220K.M.C3	2.28	B75E

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DC Motors &
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AC Drives

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719368	H 205	0.05	B75E
719369	H 206	0.05	B75E
719370	H 207	0.09	B75E
719371	H 208	0.09	B75E
719372	H 209	0.34	B75E
719373	H 210	0.14	B75E
719374	H 211	0.14	B75E
719375	H 212	0.14	B75E
719376	H 213	0.18	B75E
719378	H 215	0.32	B75E
719379	H 216	0.36	B75E
719380	H 217	0.45	B75E
719381	H 218	0.55	B75E
719382	H 219	0.59	B75E
719383	H 220	0.68	B75E
719385	H 222	0.86	B75E
046710	H 2308-SNW-035M	0.23	B75E
046711	H 2309-SNW-040M	0.27	B75E
046712	H 2310-SNW-045M	0.34	B75E
046713	H 2311-SNW-050M	0.39	B75E
046714	H 2312-SNW-055M	0.45	B75E
046715	H 2313-SNW-060M	0.52	B75E
046717	H 2316-SNW-070M	1.20	B75E
046718	H 2317-SNW-075M	1.35	B75E
719400	H 2318	0.82	B75E
046719	H 2319-SNW-085M	1.82	B75E
046720	H 2320-SNW-090M	2.00	B75E
046721	H 2322-SNW-100M	2.75	B75E
046722	H 2324-SNW-110M	3.00	B75E
046723	H 2326-SNW-115M	4.36	B75E
719406	H 2328	2.45	B75E
053201	H 2330-SNW-135M	-	B75E
719408	H 2332	4.09	B75E
719419	H 3024	0.86	B75E
719421	H 3028	1.41	B75E
719422	H 3030	1.77	B75E
719423	H 3032	2.36	B75E
719425	H 3034	0.23	B75E
053088	H 3036-SNW-160M	0.00	B75E
719429	H 3038	3.68	B75E
719434	H 3044	-	B75E
719445	H 3060	-	B75E
719446	H 3064	-	B75E
719439	H 305	-	B75E
719444	H 306	0.05	B75E
719449	H 307	0.07	B75E
046331	H 309-SNW-040M	0.45	B75E
046332	H 310-SNW-045M	0.50	B75E

Catalog No. Teilenummer Référence Denominación Codice	Description Beschreibung Désignation Descripción Descrizione	Weight (Kg) Gewicht (Kg) Poids (Kg) Peso (Kg) Peso (Kg)	Mult. Symbol Preisgruppe Catégorie de prix Precio Grupo Cat. di prezzo
046219	H 311-SNW-050M	0.08	B75E
046333	H 312-SNW-055M	0.42	B75E
046221	H 313-SNW-060M	0.50	B75E
719474	H 314		
046222	H 315-SNW-065M	0.89	B75E
046223	H 316-SNW-070M	1.10	B75E
046224	H 317-SNW-075M	1.26	B75E
046225	H 318-SNW-080M	1.45	B75E
719499	H 319	0.69	B75E
046226	H 320-SNW-090M	1.81	B75E
046227	H 322-SNW-100M	2.28	B75E
046228	H 3124-SNW-110M	2.82	B75E
046229	H 3126-SNW-115M	3.18	B75E
046230	H 3128-SNW-125M	0.45	B75E
046231	H 3130-SNW-135M	9.09	B75E
046232	H 3132-SNW-140M	7.66	B75E
046233	H 3134-SNW-150M	8.65	B75E
046234	H 3136-SNW-160M	9.09	B75E
046235	H 3138-SNW-170M	10.35	B75E
046237	H 3144-SNW-200M	15.03	B75E
719480	H 3148	5.16	B75E
719485	H 3152	22.73	B75E
719489	H 3156 X	11.18	B75E
719491	H 3160	22.73	B75E
719492	H 3164	15.86	B75E
723378	KM 8	0.04	B75E
723338	KM 10	0.07	B75E
723340	KM 12	0.08	B75E
723344	KM 14	0.11	B75E
723346	KM 16	0.18	B75E
723347	KM 17	0.07	B75E
723348	KM 18	0.25	B75E
723349	KM 19	0.30	B75E
723352	KM 20	0.32	B75E
723355	KM 23	0.46	B75E
723356	KM 24	0.49	B75E
723357	KM 25	0.54	B75E
723359	KM 27	0.70	B75E
723361	KM 29	0.82	B75E
725874	MB 8	0.01	B75E
725832	MB 10	0.01	B75E
725834	MB 12	0.01	B75E
725837	MB 14	0.02	B75E
725838	MB 15	0.02	B75E
725839	MB 16	0.02	B75E
725840	MB 17	1.51	B75E
725841	MB 18	0.03	B75E
725842	MB 19	0.03	B75E
725845	MB 20	0.04	B75E
725846	MB 21	0.04	B75E
725848	MB 23	0.05	B75E
725849	MB 24	0.05	B75E

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725850	MB 25	0.05	B75E
725851	MB 26	0.05	B75E
725852	MB 27	0.07	B75E
725854	MB 29	0.08	B75E
725862	MB 36	0.12	B75E
725867	MB 48	0.18	B75E

Couplings

- Baldor•DODGE offers 10 different types of Elastomeric and Metallic couplings
- Torque ratings ranging up to 113,000+ Nm
- Bore sizes up to 300+ mm
- Shaft mounting available with clearance fit, interference fit, bushings (QD, TAPER-LOCK and GRIP-TIGHT)
- Application specific couplings: spacer, fly wheel, floating shaft, mill motor



Couplings / Kupplungen / Accouplements / Acoplamientos / Giunti

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DxFlex Flanges RSB / DxFlex Flansche RSB / Bride DxFlex RSB / Brida DxFlex RSB / Flangia DxFlex			
004976	D-FLEX 5S RSB FLG	0.59	C5
004977	D-FLEX 6S RSB FLG	1.18	C5
004978	D-FLEX 7S RSB FLG	1.65	C5
004979	D-FLEX 8S RSB FLG	2.61	C5
004980	D-FLEX 9S RSB FLG	4.07	C5
004981	D-FLEX 10S RSB FLG	6.36	C5
004982	D-FLEX 11S RSB FLG	10.79	C5
004983	D-FLEX 12S RSB FLG	15.53	C5
DxFlex Elements / DxFlex Elastikhülsen / Eléments DxFlex / Elementos DxFlex / Componenti DxFI			
004212	D-FLEX 5JE SLEEVE	0.10	C5
004214	D-FLEX 6JE SLEEVE	0.22	C5
004216	D-FLEX 7JE SLEEVE	0.32	C5
004218	D-FLEX 8JE SLEEVE	0.50	C5
004220	D-FLEX 9JE SLEEVE	0.83	C5
004222	D-FLEX 10JE SLEEVE	1.26	C5
004246	D-FLEX 5JES SLEEVE	0.10	C5
004248	D-FLEX 6JES SLEEVE	0.22	C5
004250	D-FLEX 7JES SLEEVE	0.33	C5
004252	D-FLEX 8JES SLEEVE	0.48	C5
004254	D-FLEX 9JES SLEEVE	0.80	C5
004256	D-FLEX 10JES SLEEVE	1.27	C5
022191	D-FLEX 5E SLEEVE	0.13	C5
022192	D-FLEX 6E SLEEVE	0.36	C5
022193	D-FLEX 7E SLEEVE	0.39	C5
022194	D-FLEX 8E SLEEVE	0.56	C5
022195	D-FLEX 9E SLEEVE	0.95	C5
022196	D-FLEX 10E SLEEVE	1.65	C5
022197	D-FLEX 11E SLEEVE	2.50	C5
022198	D-FLEX 12E SLEEVE	3.82	C5

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022183	D-FLEX 6H SLEEVE	0.24	C5
022184	D-FLEX 7H SLEEVE	0.37	C5
022185	D-FLEX 8H SLEEVE	0.57	C5
022186	D-FLEX 9H SLEEVE	0.90	C5
022187	D-FLEX 10H SLEEVE	1.42	C5
Flanges PX for T-L bushes / PX Flansche für T-L Buchsen / Bride PX pour moyeux amovibles T-L / Brida PX para bujes tensores T-L / Flange PX per bussola T-			
013095	PXM 40 H T-L	0.81	C10E
013096	PXM 40 F T-L	0.88	C10E
013040	PXM 50F T-L	1.05	C10E
013041	PXM 50H T-L	1.05	C10E
013042	PXM 60F T-L	1.97	C10E
013043	PXM 60H T-L	1.98	C10E
013044	PXM 70 T-L	2.32	C10E
013045	PXM 80 T-L	3.30	C10E
013046	PXM 90 T-L	4.84	C10E
013047	PXM 100 T-L	6.98	C10E
013048	PXM 110 T-L	9.80	C10E
013049	PXM 120 T-L (2517)	13.32	C10E
013050	PXM 140F T-L	28.80	C10E
013051	PXM 140H T-L	28.78	C10E
013052	PXM 160F T-L	46.50	C10E
013053	PXM 160H T-L	46.35	C10E
013054	PXM 200F T-L	87.73	C10E
013055	PXM 200H T-L	83.64	C10E
011164	PX 240F T-L	128.64	C10E
011144	PX 240H T-L	128.64	C10E
011455	PX 280F T-L	215.91	C10E
011456	PX 280H T-L	230.00	C10E
011472	PX 320F T-L	304.09	C10E
011471	PX 320H T-L	310.91	C10E
PX Rubber elements / PX Elastikreifen, Gummi / Bandage élastique PX / Anillo de goma PX / Elementi in gomma PX			
011529	PX40 PX ELEMENT	0.25	C10E
011105	PX50 PX ELEMENT	0.33	C10E
011106	PX60 PX ELEMENT	0.60	C10E
011107	PX70 PX ELEMENT	0.70	C10E
011108	PX80 PX ELEMENT	0.90	C10E
011109	PX90 PX ELEMENT	1.09	C10E
011110	PX100 PX ELEMENT	1.10	C10E
011111	PX110 PX ELEMENT	1.55	C10E
011112	PX120 PX ELEMENT	1.97	C10E
011114	PX140 PX ELEMENT	2.35	C10E
011117	PX160 PX ELEMENT	3.87	C10E
011120	PX200 PX ELEMENT	8.49	C10E
011124	PX240 PX ELEMENT	12.83	C10E
011457	PX280 PX ELEMENT	20.00	C10E
011463	PX320 PX ELEMENT	31.98	C10E
011296	PX50 PX Neoprene	0.35	C10E
011297	PX60 PX Neoprene	0.57	C10E
011298	PX70 PX Neoprene	0.80	C10E
011299	PX80 PX Neoprene	1.05	C10E
011300	PX90 PX Neoprene	1.19	C10E
011301	PX100 PX Neoprene	1.20	C10E

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011302	PX110 PX Neoprene	1.80	C10E
011303	PX120 PX Neoprene	2.21	C10E
011304	PX140 PX Neoprene	2.63	C10E
011305	PX160 PX Neoprene	4.31	C10E
011306	PX200 PX Neoprene	8.97	C10E
011312	PX240 PX Neoprene	13.27	C10E
011285	PX50 PX Cordless	0.35	C10E
011286	PX60 PX Cordless	0.52	C10E
011287	PX70 PX Cordless	0.59	C10E
011288	PX80 PX Cordless	0.91	C10E
011289	PX90 PX Cordless	0.91	C10E
011290	PX100 PX Cordless	1.10	C10E
011292	PX120 PX Cordless	2.05	C10E
POWERPLUS Reborable flanges / Flansche, vorgebohrt / Bride préalésé / Brida pre-taladrada / Flange da forare			
708383	DDK 58 T1	0.26	C7E
708389	DDK 68 T1	0.37	C7E
708399	DDK 80 T1	0.60	C7E
708420	DDK 95 T1	1.14	C7E
708079	DDK 110 T1	1.64	C7E
708110	DDK 125 T1	2.95	C7E
708151	DDK 140 T1	3.12	C7E
708188	DDK 160 T1	5.33	C7E
708223	DDK 180 T1	7.66	C7E
708252	DDK 200 T1	10.22	C7E
708280	DDK 225 T1	-	C7E
708300	DDK 250 T1	18.50	C7E
708322	DDK 280 T1	28.42	C7E
708337	DDK 315 T1	40.03	C7E
708347	DDK 350 T1	-	C7E
708357	DDK 400 T1	-	C7E
708367	DDK 440 T1	-	C7E
708375	DDK 480 T1	112.44	C7E
708385	DDK 58 T4	0.26	C7E
708391	DDK 68 T4	0.38	C7E
708403	DDK 80 T4	0.83	C7E
708425	DDK 95 T4	1.00	C7E
708086	DDK 110 T4	2.11	C7E
708118	DDK 125 T4	4.29	C7E
708158	DDK 140 T4	5.42	C7E
708195	DDK 160 T4	7.40	C7E
708230	DDK 180 T4	11.50	C7E
708260	DDK 200 T4	17.03	C7E
708289	DDK 225 T4	17.03	C7E
708308	DDK 250 T4	22.15	C7E
708331	DDK 280 T4	-	C7E
708083	DDK 110 T2+3	1.90	C7E
708115	DDK 125 T2+3	-	C7E
708155	DDK 140 T2+3	4.32	C7E
708192	DDK 160 T2+3	5.41	C7E
708227	DDK 180 T2+3	7.41	C7E
708256	DDK 200 T2+3	11.52	C7E
708284	DDK 225 T2+3	17.04	C7E

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708304	DDK 250 T2+3	22.15	C7E
708326	DDK 280 T2+3	25.05	C7E
708341	DDK 315 T2+3	35.07	C7E
708351	DDK 350 T2+3	-	C7E
708361	DDK 400 T2+3	-	C7E
708370	DDK 440 T2+3	-	C7E
708378	DDK 480 T2+3	-	C7E

POWERPLUS Rubber elements / Gummipakete / Tampons / Recambios de goma / Elementi in gomma Anzahl der Gummielemente / Stck -

		Anzahl der Gummielemente / Stck - # of elements per coupling		
719344	DDK 58	4.00	-	C7E
719345	DDK 68	5.00	-	C7E
719346	DDK 80	6.00	-	C7E
719347	DDK 95	6.00	-	C7E
719329	DDK 110	6.00	-	C7E
719330	DDK 125	6.00	-	C7E
719331	DDK 140	6.00	-	C7E
719332	DDK 160	7.00	-	C7E
719333	DDK 180	8.00	-	C7E
719334	DDK 200	8.00	-	C7E
719336	DDK 225	8.00	-	C7E
719337	DDK 250	8.00	-	C7E
719338	DDK 280	8.00	-	C7E
719339	DDK 315	9.00	-	C7E
719340	DDK 350	9.00	-	C7E
719341	DDK 400	10.00	-	C7E
719342	DDK 440	10.00	-	C7E
719343	DDK 480	10.00	-	C7E

Servo & Motion Control

Baldor offers a complete motion control offering, from the servo motor and gearhead, through to the drive and motion control. Both simple and complex motion control applications can be realized with Baldor's product range.

Baldor's motion control and programmable servo drives are complemented by the flexible and versatile motion programming language, Mint, offered free of charge with all products.

In addition to the motion controllers, servo drives and servo motors offered within this catalog, Baldor also offers the following products:



Our comprehensive motion control range includes

- Rotary AC and DC servo motors
- Servo gearheads
- Linear motors
- Servo drives
- Multi-axis motion controllers
- Inverter and vector drives



Linear Motors and Stages



Refer to catalog BR1202-G for complete information.

Used in thousands of applications worldwide, Baldor provides industry with the widest range of linear motors and linear stages. Linear motors provide unique speed and positioning performance advantages. The direct-coupled motion eliminates mechanical transmission devices and offer substantial improvements over applications using ball screws, timing belts, etc. The rugged mechanical design provides accurate motion and precision positioning for millions of cycles.



DC Servo Motors



Refer to catalog BR1202-F for complete information.

The Baldor family of DC servo motors (PMDC) provide continuous torques from 0.21Nm to 6.55Nm (1.8 lb.-in to 58 lb.-in.) These high performance motors are designed to meet the demanding requirements of industrial motion control. A wide variety of windings and feedback devices are available for your application needs.



Stainless Steel Servo Motors



Refer to catalog BR1202-F for complete information.

Baldor's range of brushless AC servo motors are complemented by a range of stainless steel motors, ideal for harsh washdown environments.



Servo Gearheads



Refer to catalog BR1202-F for complete information.

A complete range of servo gearheads to complement the Baldor servo motors are offered. The range of low backlash gearboxes are available in standard or stainless steel. A range of right angle gearheads are available.

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NextMove Multi-Axis Motion Control Range

NextMove controllers are available in a range of formats, from panel mount standalone controllers to PC based controllers, providing a flexible architecture for multi-axis machine control. On board digital and analog I/O can perform tasks usually associated with PLC devices and for many applications this allows

the PLC to be eliminated. The I/O is easily expanded using the standard CANopen port resident on the NextMove controller. I/O handling, motion and communication are easily intermixed within the same application program using the versatile Mint programming language.

NextMove e100 (Ethernet Enabled)



Catalog No.	Description	Mult. Sym.
NXE100-16xxDB	NextMove e100 - 8,12 or 16 Axis motion controller: Differential stepper outputs	E5
NXE100-16xxSB	NextMove e100 - 8,12 or 16 Axis motion controller: Single ended open collector stepper outputs for use with DSM integrated stepper/driver motors	E5
xx = 08, 12, or 16 for number of supported axes		

NextMove ESB-2



Catalog No.	Servo Axes	Serial Port	Stepper Axes	Mult. Sym.
NSB202-501	3	RS232	4 - Differential	E5
NSB202-502	3	RS485	4 - Differential	E5
NSB203-501	3	RS232	4 - Open Collector (1)	E5
NSB203-502	3	RS485	4 - Open Collector (1)	E5
NSB204-501	4	RS232	4 - Differential	E5
NSB204-502	4	RS485	4 - Differential	E5
NSB205-501	4	RS232	4 - Open Collector (1)	E5
NSB205-502	4	RS485	4 - Open Collector (1)	E5

(1) For use with DSM Stepper motors

NextMove ES



Catalog No.	Description	Mult. Sym.
NES002-501	NextMove ES controller with USB and RS232	E5
NES002-502	NextMove ES controller with USB and RS485	E5
BPL010-501	Non-isolated backplane	E5
BPL010-502	Isolated backplane PNP	E5
BPL010-503	Isolated backplane NPN	E5
CBL001-501	RS232 serial cable Note: 2m (6.6ft) USB cable supplied	E5

NextMove PCI-2



Catalog No.	Description	Mult. Sym.
PCI201-501 (-511)	NextMove PCI-2 1 axis servo/stepper controller PNP outputs (-NPN)	E5
PCI201-502 (-512)	NextMove PCI-2 2 axis servo/stepper controller PNP outputs (-NPN)	E5
PCI201-503 (-513)	NextMove PCI-2 3 axis servo/stepper controller PNP outputs (-NPN)	E5
PCI201-504 (-514)	NextMove PCI-2 4 axis servo/stepper controller PNP outputs (-NPN)	E5
PCI201-508 (-518)	NextMove PCI-2 8 axis (4 servo + 4 stepper) controller. PNP outputs (-NPN)	E5
PCI003-502	Breakout unit with two part screw terminals	E5
CBL021-501	1m (3ft) 100-pin cable (for use with controller and breakout)	E5
CBL021-502	1.5m (4.9ft) 100-pin cable	E5
CBL021-503	3m (9.8ft) 100-pin cable	E5

Shaded Catalog No's are stocked in Europe



Refer to BR1202-C for further information.

**Features:**

- Single phase AC servo drive
- 1, 3, 6, 9A nominal rating
- Encoder and SSI motor feedback. Resolver optional
- I/O for simple machine control
- RS232 or RS485 communications

MicroFlex

Input Voltage		105-230 VAC		
Bus Voltage		160-320 VDC		
Output Current Amps (rms)		Catalog No. RS232	Catalog No. RS485	Multiplier Symbol
Continuous	Peak			
Encoder/SSI Feedback				
1	2	FMH2A01TR-EN23	FMH2A01TR-EN43	E3
3	6	FMH2A03TR-EN23	FMH2A03TR-EN43	E3
6	12	FMH2A06TR-EN23 *	FMH2A06TR-EN43 *	E3
9	18	FMH2A09TR-EN23 *	FMH2A09TR-EN43 *	E3
Resolver Feedback				
1	2	FMH2A01TR-RN23	FMH2A01TR-RN43	E3
3	6	FMH2A03TR-RN23	FMH2A03TR-RN43	E3
6	12	FMH2A06TR-RN23 *	FMH2A06TR-RN43 *	E3
9	18	FMH2A09TR-RN23 *	FMH2A09TR-RN43 *	E3

NOTES: * Requires external ventilation. See fan kits.

(1) Order regen resistor separately. (2) Customer must supply +24 Vdc for I/O operation.

**Features:**

- Single phase AC servo drive
- 1, 3, 6, 9A nominal rating
- Ethernet Powerlink as standard
- Configurable for TCP/IP and Ethernet/IP
- Encoder, EnDat, BiSS and SSI motor feedback
- I/O for simple machine control
- Programmable capability via Mint

MicroFlex e100 (Ethernet)

Input Voltage		105-230 VAC	
Bus Voltage		160-320 VDC	
Output Current Amps (rms)		Catalog No.	Multiplier Symbol
Continuous	Peak		
3	6	MFE230A003B	E3
6	12	MFE230A006B *	E3
9	18	MFE230A009B *	E3

NOTE: Will accept either incremental or absolute encoder feedback (BiSS, EnDat, Hyperface, SSI)

(1) Order regen resistor separately. (2) Customer must supply +24 Vdc for I/O operation.

* Requires external ventilation. See fan kits.

Fan Kits for use with MicroFlex

Description	Catalog No.	Multiplier Symbol
Fan Assembly, 24 VDC	FAN001-024	E8

Shaded Catalog No's are stocked in Europe



Refer to BR1202-D and BR1202-I for further information.

**Features:**

- Three phase AC closed loop drive (servo & vector)
- From 1A to 65A nominal rating
- Ethernet Powerlink as standard
- Configurable for TCP/IP and Ethernet/IP
- Encoder, EnDat, BiSS and SSI motor feedback
- I/O for simple machine control
- Programmable capability via Mint
- I/O for simple machine control

MotiFlex e100 - 3 phase AC servo & vector drive

Input Voltage Bus Voltage Output Current Amps (rms)		180-528 VAC 50/60 Hz 325-650 VDC	
Continuous	Peak	Catalog No.	Multiplier Symbol
1.5	3	MFE460A001B (1)	E5
3	6	MFE460A003B (1)	E5
6	12	MFE460A006B (1)	E5
10.5	21	MFE460A010B (1)	E5
16	32	MFE460A016B (1)	E5
20	40	MFE460A020B (2)	E5
26	54	MFE460A026B (2)	E5
33.5	68	MFE460A033B (2)	E5
48	96	MFE460A048B (2)	E5
65	130	MFE460A065B (2)	E5

Cable management brackets and DC bus bars

Description	Catalog No.	Multiplier Symbol
AC power & motor power brackets	OPT-CM-001	E8
Signal & feedback cable bracket Size A	OPT-CM-002	E8
Signal & feedback cable bracket Size B	OPT-CM-003	E8
DC Bus Bars for A size drive (2 each)	OPT-MF-DC-A	E8
DC Bus Bars for B size drive (2 each)	OPT-MF-DC-B	E8

Regen Resistors

Description	Min Resistance (Ohms)	Power (Watts)	Drive Size (Amps)	Catalog No.	Multiplier Symbol	Weight (Kg)
Braking Resistor 60 Ohms 100W	60	100W	1.5/3/6A	RGJ160	E8	2.27
Braking Resistor 60 Ohms 200W	60	200W	1.5/3/6A	RGJ260	E8	2.27
Braking Resistor 60 Ohms 300W	60	300W	1.5/3/6A	RGJ360	E8	2.27
Braking Resistor 150 Ohms 100W	150	100W	1.5/3/6A	RGJ1150	E8	6.80
Braking Resistor 150 Ohms 200W	150	200W	1.5/3/6A	RGJ2150	E8	6.80
Braking Resistor 150 Ohms 300W	150	300W	1.5/3/6A	RGJ3150	E8	6.80
Braking Resistor 33 Ohms 500W	33	500W	11/16A	RGJ533	E8	2.27
Braking Resistor 68 Ohms 300W	68	300W	11/16A	RGJ368	E8	2.27
Braking Resistor 23 Ohms 500W	23	500W	21A	RGJ523	E8	2.27
Braking Resistor 15 Ohms 500W	15	500W	26/33.5A	RGJ515	E8	2.27

Shaded Catalog No's are stocked in Europe



Refer to BR1202-I for further information.

AC Line Reactors for use with MotiFlex e100

Control Current Rating	Catalog No.	Mult Sym
1 - 6	LRAC02502	E8
10 - 16	LRAC03502	E8
21 - 33.5	LRAC05502	E8

Plug in Option Cards for use with MotiFlex e100

Description	Catalog No.	Multiplier Symbol
Analog I/O 16 bit 4 off Inputs and 4 off Outputs Differential +/-10V	OPT-MF-001	E8
Digital I/O card 6 off digital inputs (AC optos), 4 off digital output	OPT-MF-005	E8
Incremental Encoder + Halls with simulated encoder out option	OPT-MF-011	E8
Universal Encoder + Halls with simulated encoder out option	OPT-MF-012	E8
Resolver with simulated encoder out option card	OPT-MF-013	E8
Simulated Encoder output option card	OPT-MF-014	E8
Option Card Blank Cover (Spare/Replacement)	OPT-MF-000	E8
Single Axis Mint Programming Module	OPT-MF-100	E5
4 Axis Mint Programming Module	OPT-MF-101	E5
Fieldbus Carrier option (required for ALL Field bus cards)	OPT-MF-030	E8
DeviceNet Fieldbus Option (1)	OPT-FB-001	E8
Profibus Fieldbus Option (1)	OPT-FB-002	E8
Modbus RTU Fieldbus Option (1)	OPT-FB-003	E8
Ethernet/IP Fieldbus Option (1)	OPT-FB-004	E8
Modbus TCP Fieldbus Option (1)	OPT-FB-005	E8
Profinet I/O Fieldbus Option (1)	OPT-FB-006	E8
CC-Link Fieldbus Option (1)	OPT-FB-007	E8
Powerlink Fieldbus Option (1)	OPT-FB-008	E8
EtherCAT Fieldbus Option (1)	OPT-FB-009	E8

NOTE: (1) OPT-MF-030 must be ordered with the Fieldbus option

Ethernet Cables

Shielded CAT5e RJ45

Length (m)	Catalog No.	Multiplier Symbol
0.2	CBL002CM-EXS	E8
0.5	CBL005CM-EXS	E8
1	CBL010CM-EXS	E8
2	CBL020CM-EXS	E8
5	CBL050CM-EXS	E8
10	CBL100CM-EXS	E8

Shaded Catalog No's are stocked in Europe



Features:

- Single phase AC EuroCard servo drive
- Rack mount with optional backplane
- 5A nominal rating, 15A peak
- Encoder feedback
- I/O for simple machine control
- RS485 communications

EuroFlex - AC Servo Drive

Description	Catalog No.	Multiplier Symbol
EuroFlex AC Servo Amplifier (RS485 communications)	EFL201-501	E3
EuroFlex backplane	BPL011-501	E3
EMC Filter	FI0015A02	E8

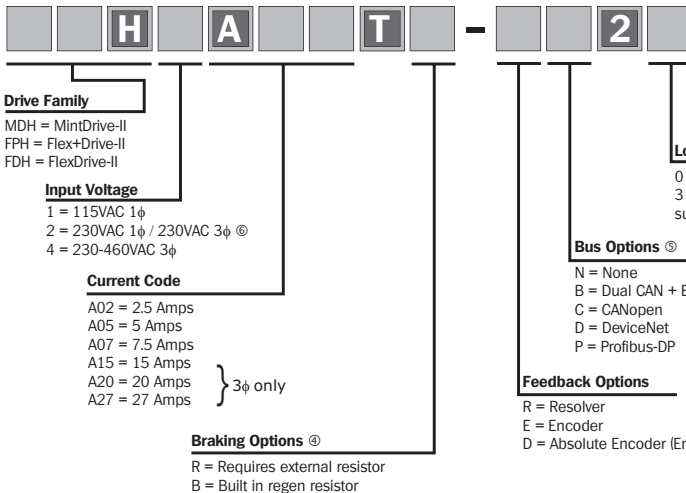
Shaded Catalog No's are stocked in Europe

Series-II - AC Servo Drives

MintDrive-II, Flex+Drive-II, FlexDrive-II

- AC servo drive for control of rotary and linear servo motors
- Single phase to 7.5A
- Three phase to 27.5A
- Choice of feedback options: resolver, encoder and EnDat absolute encoder
- Choice of fieldbus options: CANopen, DeviceNet and Profibus-DP
- Intuitive Windows-based front end for easy setup
- Indexing capability with Flex+Drive-II and MintDrive-II
- Mint programmable Flex+Drive-II
- Multitasking Mint programmable MintDrive-II

Series-II drives are built to order, usually within 10-working days.



Notes

- ① Only available on single phase drives. Option 3 is recommended for Flex+Drive and MintDrive to maintain position during machine stop conditions
- ② Only provides CANopen and I/O on Flex+Drive-II. Not supported on FlexDrive-II
- ③ Limited support on FlexDrive-II
- ④ Select B for 2.5 and 5.0A drives
2.5A models have internal 20W 175 ohm (single phase) or 300W 200 ohm (3 phase) regen resistor
5.0A models have internal 20W 175 ohm (single phase) or 300W 200 ohm (3 phase) regen resistor
Select R for all other drives
- ⑤ May increase width of drive. See Page 26
- ⑥ 230VAC 3 phase drive available in 15A variant only. Specify FDH2A15TR-RN23 for example.

Example Catalog Numbers:

FDH2A05TB-RN23 - FlexDrive 230VAC single phase, 5A, resolver feedback, external 24V. No options.

FPH2A15TR-ED23 - Flex+Drive 230VAC 3 phase, 15A, encoder feedback, external 24V, DeviceNet option.

MDH4A15TR-EB23 - MintDrive 460VAC, 15A, encoder feedback, external 24V, CANopen + I/O option.

Regen Resistors

For use with MintDrive-II, Flex+Drive-II, FlexDrive-II, MicroFlex, MicroFlex e100, MotiFlex e100

Control Current Rating	Input Voltages								Mult. Sym.
	115 VAC		230 VAC 1 ϕ		230 VAC 3 ϕ		230-460 VAC 3 ϕ		
	Catalog No.	Watts	Catalog No.	Watts	Catalog No.	Watts	Catalog No.	Watts	
3	–	–	RG56	44	–	–	–	–	E8
6 - 9	–	–	RG39	100	–	–	–	–	E8
7.5	RG22	100	RG39	100	–	–	RG68	320	E8
15 - 20	–	–	–	–	RG10	320	RG27A	320	E8
27.5	–	–	–	–	–	–	RG11	640	E8

For use with MotiFlex e100 230-460 VAC 50/60 Hz

	Single Drive		Shared DC Bus		–	
1 - 6	RGJ160	100	RGJ1150	100	–	E8
	RGJ260	200	RGJ2150	200	–	E8
	RGJ360	300	RGJ3150	300	–	E8
10 - 16	RGJ533	500	–	–	–	E8
	–	–	RGJ368	300	–	E8
21 - 33.5	RGJ515	500	–	–	–	E8
	–	–	RGJ360	300	–	E8

CE Filters

For use with MintDrive-II, Flex+Drive-II, FlexDrive-II, MicroFlex, MicroFlex e100, MotiFlex e100

Control Continuous Current Rating	Input Voltages			Customer Supplied 24 VDC	Mult. Sym.
	115 VAC	230 VAC 1 ϕ	230-460 VAC 3 ϕ		
	Catalog No.	Catalog No.	Catalog No.	Catalog No.	
2.5, 3	FI0015A00	FI0015A00	FI0018A00	All models FI0014A00	E8
5, 6	FI0015A02	FI0015A02	FI0018A00		
7.5, 9	FI0029A00	FI0029A00	FI0018A00		
15, 20, 27.5	–	–	FI0018A01		

For use with MotiFlex e100 230-460 VAC 50/60 Hz

1 - 3	–	–	F10035A00	All models F10014A00	E8
6 - 10.5	–	–	F10035A01		
10 - 16	–	–	F10035A02		
20	–	–	F10035A03		
26	–	–	F10035A04		
33.5	–	–	F10035A05		

Shaded Catalog No's are stocked in Europe



24V Power Supplies

For use with NextMove ESB-2, MintDrivell, Flex+Drivell, FlexDrive, MicroFlex, MicroFlex e100, NextMove e100, MotiFlex e100

Continuous Current	Catalog No.	Mult. Sym.
3.2	DR-75-24	E8
5	DR-120-24	E8
10	DRP-240-24	E8

HMI Operator Panels



Features:

- Simple interface programmable in MInt
- CANopen and RS232/485 communications
- 4 line x 20 character display
- Numerical keypad + function keys
- Optional DS401 CANopen I/O modules: 4 Din and 4 Dout

Description	Catalog No.	Multiplier Symbol
CANopen/Serial 4x20 character LCD display (Mint programmable)	KPD202-501	E8
4 Dig In, 4 Dig Out I/O option for keypad	KPD-OPTIO-1	E8

Programmable Operator Panels



Features:

- Programmable operator panels
- Text display with keypads through to full color touch screen
- Serial interface as standard
- CANopen option or use with Baldor's motion controllers and programmable drives
- Ethernet standard on color touch screen

Description	Catalog No.	Multiplier Symbol
4x20 character LCD display	KPD-KG420-10	E8
4x20 character LCD + numeric keypad	KPD-KG420-20	E8
4x20 character LCD + numeric and function keypad)	KPD-KG420-30	E8
3.9" touch screen monochrome)	KPD-TS03M-10	E8
5.6" touch screen monochrome)	KPD-TS05M-10	E8
5.6" touch screen color TFT - with Ethernet	KPD-TS05C-30E	E8
10" touch screen color TFT - with Ethernet	KPD-TS10C-30E	E8
12.1" touch screen color TFT) with Ethernet	KPD-TS12C-30E	E8

Operator Panel Options

CANopen Module for HMI Panel	KPD-OPTC	E8
Gender Changer for use with HMI and RS232 Cable (order separately)	OPT033-501	E8
RS232 Cable from PC to any HMI Panel – 3 meters	CBL034-501	E8

Shaded Catalog No's are stocked in Europe



Features:

- Higher inertia, economical package
- 1.2 to 120 Nm torque
- Peak torque up to 3x
- Choice of feedback options
- Custom options available



BSM C - Series

Cont. Stall Torque N-m	Cont. Stall Amps	Nominal Bus Volts	Motor Speed (RPM)	Catalog No. With Resolver	Catalog No. With Encoder	Mult. Sym.
1.2	2.7	300	6000	BSM80C-150AA	BSM80C-150AF	E4
	1.9	300	4000	BSM80C-175AA	BSM80C-175AF	E4
2.4	5.2	300	6000	BSM80C-250AA	BSM80C-250AF	E4
	3.2	300	4000	BSM80C-275AA	BSM80C-275AF	E4
	1.6	600	4000	BSM80C-2150AA	BSM80C-2150AF	E4
2.1	2.1	300	2000	BSM90C-1150AA	BSM90C-1150AF	E4
3.6	7.8	200	4000	BSM80C-350AA	BSM80C-350AF	E4
	6.3	300	4000	BSM80C-375AA *	BSM80C375AF *	E4
	3.2	600	4000	BSM80C-3150AA	BSM80C-3150AF	E4
4.3	6.3	300	4000	BSM80C-475AA	BSM80C-475AF	E4
	3.1	600	4000	BSM80C-4150AA	BSM80C-4150AF	E4
5.0	4.0	300	2400	BSM100C-1150AA	BSM100C-1150AF	E4
	2.3	300	1200	BSM100C-1250AA	BSM100C-1250AF	E4
5.2	9.0	300	4000	BSM90C-275AA *	BSM90C-275AF *	E4
	4.4	300	2000	BSM90C-2150AA	BSM90C-2150AF	E4
	2.5	300	1200	BSM90C-2250AA	BSM90C-2250AF	E4
7.8	12.0	300	4000	BSM90C-375AA	BSM90C-375AF	E4
	6.0	600	4000	BSM90C-3150AA	BSM90C-3150AF	E4
	3.5	300	1200	BSM90C-3250AA	BSM90C-3250AF	E4
10.0	8.0	300	2400	BSM100C-2150AA	BSM100C-2150AF	E4
	5.0	300	1200	BSM100C-2250AA	BSM100C-2250AF	E4
14.2	11.4	300	2400	BSM100C-3150AA *	BSM100C-3150AF *	E4
	7.0	300	1200	BSM100C-3250AA	BSM100C-3250AF	E4
20.0	16.8	300	2400	BSM100C-4150AA	BSM100C-4150AF	E4
	10.6	300	1200	BSM100C-4250AA	BSM100C-4250AF	E4
25.0	21.0	600	4000	BSM100C-5150AA	BSM100C-5150AF	E4
	13.0	600	2400	BSM100C-5250AA	BSM100C-5250AF	E4
30.0	24.0	600	4000	BSM100C-6150AA	BSM100C-6150AF	E4
	14.0	600	2400	BSM100C-6250AA	BSM100C-6250AF	E4
53	37	650	3500	BSM132C-3200AA	BSM132C-3200AF	E4
70	43	650	3500	BSM132C-4200AA	BSM132C-4200AF	E4
87	58	650	3500	BSM132C-5200AA	BSM132C-5200AF	E4
105	71	650	3500	BSM132C-6200AA	BSM132C-6200AF	E4
114	75	650	3500	BSM132C-7200AA	BSM132C-7200AF	E4
124	80	650	3500	BSM132C-8200AA	BSM132C-8200AF	E4
134	88	650	3500	BSM132C-9200AA	BSM132C-9200AF	E4

Shaded Catalog No's are stocked in Europe

* Braked version available from stock. Replace AA with BA or AF with BF.

AC Motors

DC Motors &
Drives

AC Drives

Gearing

Bearings

Couplings

Motion Control

Servo Drives

Servo/Motion
Accessories

AC Servo
Motors

Info.



Features:

- Low inertia, high torque servo motors
- 0.45 to 40 Nm torque
- Peak torque up to 4x
- Neodymium Iron Boron magnets for maximum torque
- Choice of feedback options
- Custom options available



BSM N - Series

Cont. Stall Torque N-m	Cont. Stall Amps	Nominal Bus Volts	Motor Speed (RPM)	Catalog No. With Resolver	Catalog No. With Encoder	Mult. Sym.
0.45	1.49	160	4000	BSM50N-133AA	BSM50N-133AF	E4
	0.79	300	4000	BSM50N-175AA	BSM50N-175AF	E4
0.77	2.1	200	6000	BSM63N-133AA	BSM63N-133AF	E4
	1.9	200	4000	BSM63N-150AA	BSM63N-150AF	E4
	1.0	300	4000	BSM63N-175AA	BSM63N-175AF	E4
0.9	2.8	160	4000	BSM50N-233AA	BSM50N-233AF	E4
	1.4	160	2000	BSM50N-275AA *	BSM50N-275AF *	E4
1.36	4.5	160	4000	BSM50N-333AA	BSM50N-333AF	E4
	2.3	300	4000	BSM50N-375AA	BSM50N-375AF	E4
1.4	4.2	200	6000	BSM63N-233AA	BSM63N-233AF	E4
	3.0	200	4000	BSM63N-250AA	BSM63N-250AF	E4
	2.1	300	4000	BSM63N-275AA *	BSM63N-275AF *	E4
1.6	4.7	200	6000	BSM80N-133AA	BSM80N-133AF	E4
	3.0	300	6000	BSM80N-150AA	BSM80N-150AF	E4
	2.1	300	4000	BSM80N-175AA	BSM80N-175AF	E4
2	6.2	200	6000	BSM63N-333AA	BSM63N-333AF	E4
	4.4	200	4000	BSM63N-350AA	BSM63N-350AF	E4
	3.0	300	4000	BSM63N-375AA	BSM63N-375AF	E4
3.2	8.7	200	6000	BSM80N-233AA	BSM80N-233AF	E4
	5.6	200	4000	BSM80N-250AA	BSM80N-250AF	E4
	3.9	300	4000	BSM80N-275AA *	BSM80N-275AF *	E4
4.5	12.9	200	6000	BSM80N-333AA	BSM80N-333AF	E4
	8.6	200	4000	BSM80N-350AA	BSM80N-350AF	E4
	5.5	300	4000	BSM80N-375AA	BSM80N-375AF	E4
6	8.0	300	4000	BSM90N-175AA	BSM90N-175AF	E4
	4.1	300	2000	BSM90N-1150AA	BSM90N-1150AF	E4
	2.6	300	1200	BSM90N-1250AA	BSM90N-1250AF	E4
10	12.0	300	4000	BSM90N-275AA *	BSM90N-275AF *	E4
	6.3	300	2000	BSM90N-2150AA	BSM90N-2150AF	E4
	4.3	300	1200	BSM90N-2250AA	BSM90N-2250AF	E4
13.3	19	300	4000	BSM90N-375AA	BSM90N-375AF	E4
	8.6	300	2000	BSM90N-3150AA	BSM90N-3150AF	E4
	5.5	300	1200	BSM90N-3250AA	BSM90N-3250AF	E4
14.0	9.4	300	2000	BSM100N-1150AA	BSM100N-1150AF	E4
	5.9	300	1200	BSM100N-1250AA	BSM100N-1250AF	E4
23.0	15.5	300	2000	BSM100N-2150AA *	BSM100N-2150AF *	E4
	9.9	300	1200	BSM100N-2250AA	BSM100N-2250AF	E4
33.9	21	300	2000	BSM100N-3150AA	BSM100N-3150AF	E4
	14.7	300	1200	BSM100N-3250AA	BSM100N-3250AF	E4
40.0	27.0	300	2000	BSM100N-4150AA	BSM100N-4150AF	E4
	16.9	300	1200	BSM100N-4250AA	BSM100N-4250AF	E4

* Braked version available from stock. Replace AA with BA or AF with BF.
Threaded Connectors on BSM 50/63/80; Terminal Box on BSM 90/100/132

Shaded Catalog No's are stocked in Europe

Identification Matrix N and C Series

		B	S	M					—							
Blank = Std		Frame				Series				Motor Size		Winding Code				
SS = Stainless Steel Note: Not all options are available on all motors. Contact your local Baldor District Office.		IEC	NEMA		N				1		50					
		50	5N		C				2		75					
		63	6N						3		etc.					
		80	8N						4							
		90	9N													
		100														

Motor Options

Description	Connections				
	Standard (Metric) Threaded Style	Optional (Inch) Quick Connect	Cables (5)	Flying Leads (5)	Rotate-able (Metric) Threaded (9)
Motor (No Shaft Seal)	A	I	E	M	R
Motor & Brake	B	J	F	N	S
Motor with Shaft Oil Seal	C	K	G	O	T
Motor with Brake & Shaft Oil Seal	D	L	H	P	U

Feedback Options

- A = Resolver
- B = Absolute Encoder – Single-Turn (BISS)
- B2 = Absolute Encoder – Multi-turn (BISS)
- D = Absolute Encoder – Multi-turn (EnDat)
- D2 = Absolute Encoder – Single-turn (EnDat)
- D3 = Absolute Encoder – Single-turn (Hyperface)
- D4 = Absolute Encoder – Multi-turn (Hyperface)
- S1 = Absolute Encoder – Single-turn (SSI)
- S2 = Absolute Encoder – Multi-turn (SSI)
- E = Incremental Encoder w/Commutation (1000 ppr)
- F = Incremental Encoder w/Commutation (2500 ppr)
- H = Halls only
- V = Encoder mounting only
- Y = Resolver mounting only

Accessory Options

- Blank = No Option
- M = No Keyway
- N = DIN 42955-R
- O = DIN 42955-R & No Keyway
- P = Optional Motor Connector on BSM 90
(Note: This option available only if current less than 20 amps)
- X = Special Option (order by spec no. only)
- Z1 = Blower (115 VAC) (not available on all motors)
- Z2 = Blower (230 VAC) (not available on all motors)
- Z3 = Blower (24 VDC)
- Z4 = Blower (230/460 VAC) for BSM132 only.

NOTE:

- The standard BSM50/63/80 Series includes feedback, two threaded connectors for feedback and motor terminations, square mounting flange.
- The standard BSM90/100 Series includes feedback, one threaded connector for feedback termination, termination of motor lead wires on terminal block, square mounting flange.
- BSM Motors do not have shaft seal as standard. BSM motors are IP60. Motors with meet IP65 with shaft oil seal.
- SSBSM motors available with IEC mounting and include as standard a shaft seal. SSBSM motors are IP67.
- The standard BSM50 Series has as standard no keyway.
- Shielded cables and flying leads are one meter long as standard.
- Order motor power and feedback cable assemblies as separate items.
- Motors may be used with 115/230/400/460 volt controls. Verify that maximum speed is not exceeded.
- Rotate-able connectors not available on BSM50-Series
- Pricing for NEMA versions 5N, 6N, 8N, and 9N same as 50, 63, 80, and 90.
- Contact Baldor for special options.

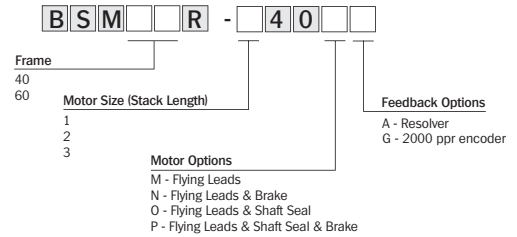


BSM R-Series

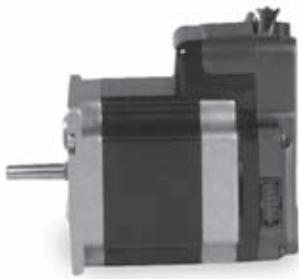
Features:

- 30, 50, 100, 200, 400 watt output
- Two frame sizes
- Torque sizes 0.095 to 1.27 Nm (0.84 - 11.24 lb-in)
- Resolver or Encoder feedback
- Optional 24 VDC brake
- Proven design - optional oil seal for IP65 rating

Continuous Stall Torque N-m	Watts	Cont Stall Amps	Feedback	Catalog No.	Multiplier Symbol
0.095	30	0.3	Encoder	BSM40R-140MG	E4
0.16	50	0.5	Encoder	BSM40R-240MG	E4
0.318	100	1.0	Encoder	BSM40R-340MG	E4
0.318	100	0.8	Encoder	BSM60R-140MG	E4
0.64	200	1.6	Encoder	BSM60R-240MG	E4
1.27	400	3.2	Encoder	BSM60R-340MG	E4



INTEGRATED STEPPER MOTORS/DRIVER



DSM Stepper Motors

Features:

- Integrated stepper motor and micro-stepping drive
- Three frame size: 17, 23, 34
- 22 to 529 N-cm torque
- 12 to 75V input voltage
- Pulse & Direction input
- Programmable micro-stepping
- Flying lead or pluggable connector
- Optional encoder and control knob

Torque n-cm	Voltage Range VDC	Catalog No.	Mult. Sym.
Flying Lead			
22.6	12-48	DSMS17F-1A	E3
42.4	12-48	DSMS17F-2A	E3
52.9	12-48	DSMS17F-3A	E3
64	12-75	DSMS23F-1B	E3
102	12-75	DSMS23F-2B	E3
169	12-75	DSMS23F-3B	E3
233	12-75	DSMS34F-1B	E3
353	12-75	DSMS34F-2B	E3
529	12-75	DSMS34F-3B	E3
Plug-in (P) Connector			
22.6	12-48	DSMS17P-1A	E3
42.4	12-48	DSMS17P-2A	E3
52.9	12-48	DSMS17P-3A	E3
64	12-75	DSMS23P-1B	E3
102	12-75	DSMS23P-2B	E3
169	12-75	DSMS23P-3B	E3
Accessories/Options			
Programming Cable		CBL055-501	E3
Manual control knob (add M)		DSMS***-**-M	E3

Shaded Catalog No's are stocked in Europe

Motion to Drive Feedback Cables

Description	Catalog No. (1)	Mult. Sym.
Encoder raw cable - no connectors (8.9mm (0.35") dia. 16 core)	CBLxxxRF-E	E8
Drive to NextMove PCI/PCI - connector both ends	CBLxxxMF-E3A	E8
Drive to NextMove e100/ESB/ESB-2/ES/BX-II	CBLxxxMF-E3B	E8

Motor Feedback Cables

Description	Catalog No. (1)	Stainless Steel Motor Connector (1)	Mult. Sym.
Raw Cable			
Encoder raw cable - no connectors (8.9mm (0.35") dia. 16 core)	CBLxxxRF-E	-	E8
EnDat raw cable - no connectors (8.65mm (0.34") dia. 11 core)	CBLxxxRF-D	-	E8
Resolver/SSI raw cable - no connectors (8.2mm (0.32") dia. 7 core.)	CBLxxxRF-R	-	E8
Encoder Cables			
Cable with motor connector only	CBLxxxSF-E	CBLxxxSF-ES	E8
Series-II drives - connectors both ends	CBLxxxSF-E1	CBLxxxSF-E1S	E8
MicroFlex drive - connectors both ends	CBLxxxSF-E2	CBLxxxSF-E2S	E8
EnDat Cables			
Cable with motor connector only	CBLxxxSF-D	CBLxxxSF-DS	E8
Series-II drives - connectors both ends	CBLxxxSF-D1	CBLxxxSF-D1S	E8
MicroFlex e100 / MotiFlex e100 - connectors both ends	CBLxxxSF-D2	CBLxxxSF-D2S	E8
Resolver Cables			
Cable with motor connector only	CBLxxxSF-R	CBLxxxSF-RS	E8
Connectors both ends	CBLxxxSF-R1	CBLxxxSF-R1S	E8
SSI Cables			
Cable with motor connector only	CBLxxxSF-S	CBLxxxSF-SS	E8
MicroFlex drives - connectors both ends	CBLxxxSF-S2	CBLxxxSF-S2S	E8

Motor Power Cables

Current Rating (A)	Description	Catalog No. (1)	Stainless Steel Motor Connector (1)	Mult. Sym.
Raw Cable				
6	9.9mm diam.	CBLxxxRP-6	-	E8
12	10.8mm diam.	CBLxxxRP-12	-	E8
20	12.7mm diam.	CBLxxxRP-20	-	E8
35	19.2mm diam.	CBLxxxRP-35	-	E8
50	22.8mm diam.	CBLxxxRP-50	-	E8
Cables with Connectors				
6	Motor connector only	CBLxxxSP-6	CBLxxxSP-6S	E8
12	Motor connector only	CBLxxxSP-12	CBLxxxSP-12S	E8
20	Motor connector only	CBLxxxSP-20	CBLxxxSP-20S	E8
35	Motor connector only	CBLxxxSP-35	CBLxxxSP-35S	E8

Cables Lengths

xxx	Length (m)
005 (2)	0.5
010 (2)	1.0
015 (2)	1.5
020 (2)	2.0
025	2.5
050 (2)	5.0
075	7.5
100	10.0
150	15.0
200	20.0

(1) Specify length xxx from the table.
For example, 2.5m power cable:

CBL250SP-12

(2) Motion to Drive Feedback cables standard lengths.

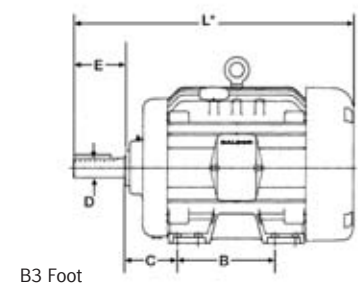
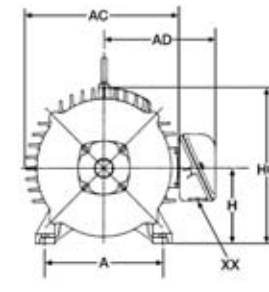
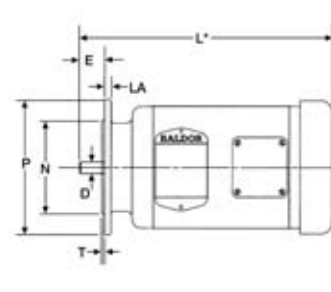
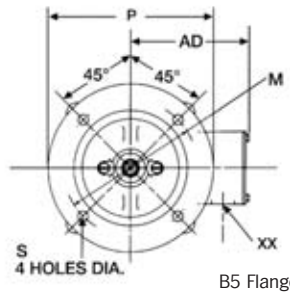
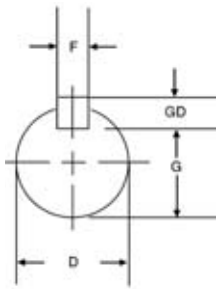
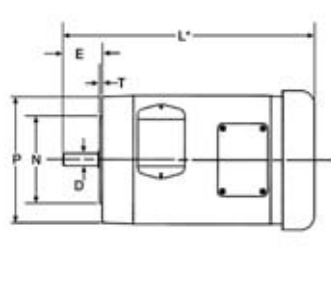
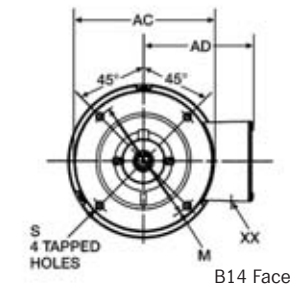
Custom lengths available. Contact your Baldor office for details.

Motor Connectors

Description	Catalog No.	Catalog No. Stainless Steel	Mult. Sym.
Power Connector for BSM 50/63/80	MCSP0W-08	MCSP0W-08S	E8
Feedback connector (Resolver/EnDat/SSI/BISS) - 12 pin	MCSRES-12	MCSRES-12S	E8
Feedback connector (Encoder) - 16 pin.	MCSENC-16	MCSENC-16S	E8

Shaded Catalog No's are stocked in Europe

Reference Information



IEC Key and Keyseat dimensions

FRAME	D	G	F	GD	FRAME	D	G	F	GD
63	11	8.5	4	4	160	37	42	12	8
71	14	11	5	5	180	48	42.5	14	9
80	19	15.5	6	6	200	55	49	16	10
90	24	20	8	7	225	60	53	18	11
100	28	24	8	7	250	70	67.5	20	12
112	28	24	8	7	280	80	71	22	14
132	38	33	10	8	315	85	76	22	14
					355	85	76	22	14

IEC Frame	Type	Foot mounting				Shaft			B5 flange					B14 face					General				
		A	B	C	H	D	E	LA	M	N	P	S	T	M	N	P	S	T	L	AC	AD	HC	XX
63	300	100	80	40	63	11	23	8	115	95	140	9	3	75	60	90	M5	2.5	*	119	102	121	13
71	300 400	112	90	45	71	14	30	8	130	110	160	10	3.5	85	70	105	M6	2.5	*	119 145d	102	131 149d	18 21d
80	400 500	125	100	50	80	19	40	13	165	130	200	11	3.5	100	80	120	M6	3	*	145 168d	116	152 162d	22 21d
90	S L	140	100 125	56	90	24	50	13	165	130	200	12	3.5	115	95	140	M8	3	*	168 144d	130	173 165d	22 21d
100	S L	160	112 140	63	100	28	60	14	215	180	250	14	4	130	110	160	M8	3.5	*	200	149	180 239d	27
112	S M	190	114 140	70	112	28	60	14	215	180	250	14	4	130	110	160	M8	3.5	*	200	149	214	27
132	S M	216	140 178	89	132	38	80	14	265	230	300	14	4	165	130	200	M8	3.5	*	243	187	256	27
160	M L	254	210 254	108	160	42	110	20	300	250	350	19	5	215	180	250	M12	4	*	329	242	329	35
180	M L	279	241 279	121	180	48	110	20	300	250	350	19	5						*	395	333	372	51
200	L M	318	267 305	133	200	55	110	27	350	300	400	19	5						*	441	359	416	63
225	S M	356	286 311	149	225	60	140	19	400	350	450	19	6						*	495	383	483	63
250	S M	406	311 349	168	250	70	140												*	520	457	513	63
280	S M	457	368 419	190	280	80	170												*	616	497	581	63
315	S M	508	406 457	216	315	85	170												*	759	683	682	102
355	S L	610	500 630	254	355	85	170												*	759	683	719	102

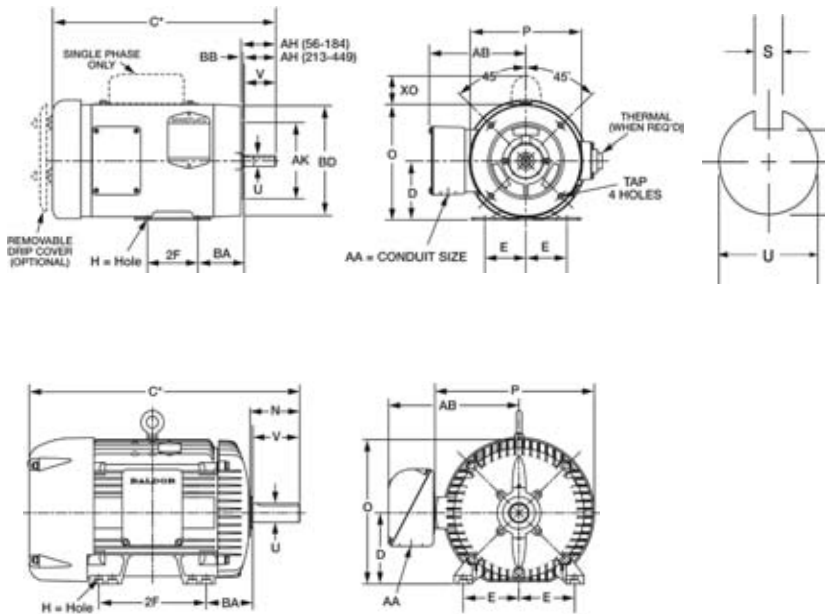
B3	B5	B6	B7	B8	B14
FOOT MOUNTED.	"D" TYPE FLANGE AT DRIVE END, NO FEET.	FOOT WALL MOUNT WITH FEET ON LEFT HAND SIDE WHEN VIEWED FROM DRIVE END.	FOOT WALL MOUNT WITH FEET ON RIGHT HAND SIDE WHEN VIEWED FROM DRIVE END.	CEILING MOUNTED WITH FEET ABOVE MOTOR.	"C" TYPE FACE AT DRIVE END, NO FEET.
V1	V3	V5	V6	V18	V19
"D" TYPE FLANGE AT DRIVE END, SHAFT DOWN, NO FEET.	"D" TYPE FLANGE AT DRIVE END, SHAFT UP, NO FEET.	VERTICAL FOOT, WALL MOUNTED, SHAFT DOWN.	VERTICAL FOOT, WALL MOUNTED, SHAFT UP.	"C" TYPE FACE AT DRIVE END, SHAFT DOWN, NO FEET.	"C" TYPE FACE AT DRIVE END, SHAFT UP, NO FEET.

IP Protection Baldor Enclosures	
IP22	Open Drip Proof AC or DC Motors
IP54	All standard TEFC AC and DC Motors
IP55	All TEFC Chemical Processing, Dirty Duty, and Washdown Duty Motors

Summary of IP protection numbers			
First number Protection against solid objects		Second number Protection against liquids	
0	NO PROTECTION	0	NO PROTECTION
1	Protection against solid objects up to 50 mm. (E.G. Accidental touch by hands.)	1	Protection against vertical drops of water. (E.G. Condensation.)
2	Protection against solid objects up to 12 mm. (E.G. Fingers)	2	Protection against falling water up to 15 degrees from the vertical.
3	Protection against solid objects over 2.5 mm. (E.G. Tools, Wires)	3	Protection against falling water up to 60 degrees from the vertical.
4	Protection against solid objects over 1 mm. (E.G. Tools, Wires, and Small Wires)	4	Protection against splashing water from all directions, limited ingress.
5	Protection against dust - limited ingress (No harmful deposits)	5	Protection against low pressure jets of water from all directions, limited ingress.
6	Totally protected against all dust.	6	Protection against strong jets of water. (E.G. Use on shipdecks, limited ingress.)
		7	Protection against immersion.
		8	Protection against submersion.

Drawings represent standard TEFC general purpose motors
 *Dimensions are for reference only. All dimensions in mm
 'L' dimension - see IEC motor sections in this catalogue for these

dimensions or contact your local Baldor sales office



Shaft diameter	Keyseat dimensions		Shaft diameter	Keyseat dimensions	
U	R	S	U	R	S
3/8	21/64	FLAT	1-7/8	1-19/32	1/2
1/2	29/64	FLAT	2-1/8	1-27/32	1/2
5/8	33/64	3/16	2-3/8	2-1/64	5/8
7/8	49/64	3/16	2-1/2	2-3/16	5/8
1-1/8	63/64	1/4	2-7/8	2-29/64	3/4
1-3/8	1-13/64	5/16	3-3/8	2-7/8	7/8
1-5/8	1-13/32	3/8	3-7/8	3-5/16	1

NEMA C-Face, BA dimensions	
NEMA Frame	BA
143-5TC	2-3/4
182-4TC	3-1/2
213-5TC	4-1/4
254-6TC	4-3/4

NEMA frame	D	E	2F	H	N	O	P	U	V	AA	AB	AH	AJ	AK	BA	BB	BD	XO	TAP
42	2-5/8	1-3/4	1-11/16	9/32 SLOT	1-1/2	5	4-11/16	3/8	1-1/8	3/8	4-1/32	1-5/16	3-3/4	3	2-1/16	1/8	4-5/8	1-9/16	1/4-20
48	3	2-1/8	2-3/4	11/32 SLOT	1-7/8	5-7/8	5-11/16	1/2	1-1/2	1/2	4-3/8	1-11/16	3-3/4	3	2-1/2	1/8	5-5/8	2-1/4	1/4-20
56 56H	3-1/2	2-7/16	3 5	11/32 SLOT	2-7/16 2-1/8	6-7/8	6-5/8	5/8	1-7/8	1/2	5	2-1/16	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-1/4	3/8-16
143T 145T	3-1/2	2-3/4	4 5	11/32	2-1/2	6-7/8	6-5/8	7/8	2-1/4	3/4	5-1/4	2-1/8	5-7/8	4-1/2	2-1/4	1/8	6-1/2	2-1/4	3/8-16
182 184 182T 184T	4-1/2	3-3/4	4-1/2 5-1/2 5-1/2	13/32	2-11/16 2-11/16 3-9/16 3-9/16	8-11/16	7-7/8	7/8	2-1/4 2-1/4 2-3/4 2-3/4	3/4	5-7/8	2-1/8 2-1/8 2-5/8 2-5/8	5-7/8 5-7/8 7-1/4 7-1/4	4-1/2 4-1/2 8-1/2 8-1/2	2-3/4	1/8 1/8 1/4 1/4	6-1/2 6-1/2 9 9	2-3/8	3/8-16 3/8-16 1/2-13 1/2-13
215 213 213T 215T	5-1/4	4-1/4	5-1/2 7 5-1/2 7	13/32	3-1/2 3-1/2 3-7/8 3-7/8	10-1/4	9-9/16	1-1/8 1-1/8 1-3/8 1-3/8	3 3 3-3/8 3-3/8	3/4	7-3/8	2-3/4 2-3/4 3-1/8 3-1/8	7-1/4	8-1/2	3-1/2	1/4	9	2-3/4	1/2-13
254U 256U 254T 256T	6-1/4	5	8-1/4 10 8-1/4 10	17/32	4-1/16 4-1/16 4-5/16 4-5/16	12-7/8	12-15/16	1-3/8 1-3/8 1-5/8 1-5/8	3-3/4 3-3/4 4 4	1	9-5/8	3-1/2 3-1/2 3-3/4 3-3/4	7-1/4	8-1/2	4-1/4	1/4	10	---	1/2-13
284U 286U 284T 286T 284TS 286TS	7	5-1/2	9-1/2 11 9-1/2 11 9-1/2 11	17/32	5-1/8	14-5/8	14-5/8	1-5/8 1-5/8 1-7/8 1-7/8 1-5/8 1-5/8	4-7/8 4-7/8 4-5/8 4-5/8 3-1/4 3-1/4	1-1/2	13-1/8	4-5/8 4-5/8 4-3/8 4-3/8 3 3	9	10-1/2	4-3/4	1/4	11-1/4	---	1/2-13
324U 326U 324T 326T 324TS 326TS	8	6-1/4	10-1/2 12 10-1/2 12 10-1/2 12	21/32	5-7/8 5-7/8 5-1/2 5-1/2 3-15/16 3-15/16	16-1/2	16-1/2	1-7/8 1-7/8 2-1/8 2-1/8 1-7/8 1-7/8	5-5/8 5-5/8 5-1/4 5-1/4 3-3/4 3-3/4	2	14-1/8	5-3/8 5-3/8 5 5 3-1/2 3-1/2	11	12-1/2	5-1/4	1/4	13-3/8	---	5/8-11
364U 365U 364T 365T 364TS 365TS	9	7	11-1/4 12-1/4 11-1/4 12-1/4 11-1/4 12-1/4	21/32	6-3/4 6-3/4 6-1/4 6-1/4 4 4	18-1/2	18-1/4	2-1/8 2-1/8 2-3/8 2-3/8 1-7/8 1-7/8	6-3/8 6-3/8 5-7/8 5-7/8 3-3/4 3-3/4	2-1/2	15-1/16	6-1/8 6-1/8 5-5/8 5-5/8 3-1/2 3-1/2	11	12-1/2	5-7/8	1/4	13-3/8	---	5/8-11
404U 405U 404T 405T 404TS 405TS	10	8	12-1/4 13-3/4 12-1/4 13-3/4 12-1/4 13-3/4	13/16	7-3/16 7-3/16 7-5/16 7-5/16 4-1/2 4-1/2	20-5/16	20-1/8	2-3/8 2-3/8 2-7/8 2-7/8 2-1/8 2-1/8	7-1/4	3	18	6-7/8 6-7/8 7 7 4 4	11	12-1/2	6-5/8	1/4	13-7/8	---	5/8-11
444U 445U 444T 445T 447T 449T 444TS 445TS 447TS 449TS	11	9	14-1/2 16-1/2 14-1/2 16-1/2 20 25 14-1/2 16-1/2 20 25	13/16	8-5/8 8-5/8 8-1/2 8-1/2 8-15/16 8-15/16 5-3/16 5-3/16 4-15/16 4-15/16	22-7/8 22-7/8 22-7/8 22-7/8 22-15/16 22-15/16 22-7/8 22-7/8 22-15/16 22-15/16	22-3/8 22-3/8 22-3/8 22-3/8 23-3/4 23-3/4 22-3/8 22-3/8 23-3/4 23-3/4	2-7/8 2-7/8 3-3/8 3-3/8 3-3/8 3-3/8 2-3/8 2-3/8 2-3/8 2-3/8	8-5/8 8-5/8 8-1/2 8-1/2 8-1/2 8-1/2 4-3/4 4-3/4 4-3/4 4-3/4	3	19-9/16 19-9/16 19-9/16 19-9/16 21-11/16 21-11/16 19-9/16 19-9/16 21-11/16 21-11/16	8-3/8 8-3/8 8-1/4 8-1/4 8-1/4 8-1/4 4-1/2 4-1/2 4-1/2 4-1/2	14	16	7-1/2	1/4	16-3/4	---	5/8-11

Drawings represent standard TEFC general purpose motors

*Dimensions are for reference only.

'C' dimension - See relevant NEMA sections of this catalogue for these dimensions or contact your local Baldor sales office

Dimensions N, O, P, AB AND XO are specific to Baldor.

All dimensions are in inches.

To convert from A to B, multiply by value in table

Rotary inertia

A \ B	gm-cm ²	oz-in ²	gm-cm-s ²	kg-cm ²	lb-in ²	oz-in-s ²	lb-ft ²	Kg-cm-s ²	lb-in-s ²
g-cm ²	1	5.46x10 ⁻³	1.01x10 ⁻³	10-3	3.417x10 ⁻⁴	1.41x10 ⁻⁵	2.37x10 ⁻⁶	1.01x10 ⁻⁶	8.85x10 ⁻⁷
oz-in ²	182.9	1	0.186	0.182	0.0625	2.59x10 ⁻³	4.34x10 ⁻⁴	1.86x10 ⁻⁴	1.61x10 ⁻⁴
g-cm-s ²	980.6	5.36	1	0.9806	0.335	1.38x10 ⁻²	2.32x10 ⁻³	10-3	8.67x10 ⁻⁴
kg-cm ²	1000	5.46	1.019	1	0.3417	1.41x10 ⁻²	2.37x10 ⁻³	1.019x10 ⁻³	8.85x10 ⁻⁴
lb-in ²	2.92x10 ³	16	2.984	2.926	1	4.14x10 ⁻²	6.94x10 ⁻³	2.98x10 ⁻³	2.59x10 ⁻³
oz-in-s ²	7.06x10 ⁴	386.08	72	70.615	24.13	1	0.1675	7.20x10 ⁻²	6.25x10 ⁻²
lb-ft ²	4.21x10 ⁵	2304	429.71	421.40	144	5.967	1	0.4297	0.3729
kg-cm-s ²	9.8x10 ⁵	5.36x10 ³	1000	980.66	335.1	13.887	2.327	1	0.8679
lb-in-s ²	1.129x10 ⁶	6.177x10 ³	1.152x10 ³	1.129x10 ³	386.08	16	2.681	1.152	1

Torque

A \ B	oz-in	kg-cm	lb-in	Nm	lb-ft	kg-m
oz-in	1	7.200x10 ⁻²	6.25x10 ⁻²	7.061x10 ⁻³	5.208x10 ⁻³	7.200x10 ⁻⁴
kg-cm	13.877	1	0.8679	9.806x10 ⁻²	7.233x10 ⁻²	10-2
lb-in	16	1.152	1	0.112	8.333x10 ⁻²	1.152x10 ⁻²
Nm	141.612	10.197	8.850	1	0.737	0.101
lb-ft	192	13.825	12	1.355	1	0.138
kg-m	1.388x10 ³	100	86.796	9.806	7.233	1

Power

A \ B	Watts	Kilowatts	ft.lb/sec	in-lb/sec	Hp
Watts (W)	1	1 x 10 ⁻³	0.74	8.85	1.34 x 10 ⁻³
Kilowatts (kW)	1000	1	738	8850	1.34
ft-lb/sec	1.35	1.36 x 10 ⁻³	1	12	1.82 x 10 ⁻³
in-lb/sec	0.113	1.13 x 10 ⁻⁴	8.3 x 10 ⁻²	1	1.52 x 10 ⁻⁴
Hp	746	0.746	550	6600	1

Length

A \ B	Inch (in)	Feet (ft)	Micron (μm)	Millimetre (mm)	Metre (m)
Inch (in)	1	8.33 x 10 ⁻²	2.54 x 10 ⁴	25.4	2.54 x 10 ⁻²
Feet (ft)	12	1	3.05 x 10 ⁵	305	0.305
Micron (μm)	3.937 x 10 ⁻⁵	3.28 x 10 ⁻⁶	1	0.001	1.0 x 10 ⁻⁶
Millimetre (mm)	3.937 x 10 ⁻²	3.28 x 10 ⁻³	1000	1	0.001
Metre (m)	39.37	3.28	1 x 10 ⁶	1000	1

Mass

A \ B	oz-m	lb-m	gm	kg
oz-m	1	6.25 x 10 ⁻¹	28.35	2.835 x 10 ⁻²
lb-m	16	1	453.6	0.453
gm	3.53 x 10 ⁻¹	2.205 x 10 ⁻³	1	0.001
kg	35.274	2.205	1000	1

Force

A \ B	oz-f	lb-f	Newtons	gm-f	Kg-f
oz-f	1	6.25 x 10 ⁻¹	0.278	28.35	2.835 x 10 ⁻²
lb-f	16	1	4.448	453.6	0.4535
Newtons	3.596	0.225	1	101.9	0.1019
gm-f	3.53 x 10 ⁻²	2.205 x 10 ⁻³	9.81 x 10 ⁻³	1	0.001
kg-f	35.3	2.205	9.81	1000	1

Linear speed

A \ B	in/sec	ft/sec	mm/sec	m/sec	inch/min	ft/min	m/min	km/hour	miles/hour
in/sec	1	0.083	25.4	2.54 x 10 ⁻²	60	5	1.524	0.091	5.7 x 10 ⁻²
ft/sec	12	1	304.8	0.3048	720	60	18.29	1.09	0.682
mm/sec	3.937 x 10 ⁻²	3.3 x 10 ⁻³	1	0.001	2.36	0.197	0.059	3.6 x 10 ⁻³	2.24 x 10 ⁻³
m/sec	39.37	3.281	1000	1	2362.2	197	60	3.6	2.24
inch/min	0.0167	1.39 x 10 ⁻³	0.42	4.2 x 10 ⁻⁴	1	8.33 x 10 ⁻²	2.54 x 10 ⁻²	1.52 x 10 ⁻³	9.5 x 10 ⁻⁴
ft/min	0.2	0.0167	5.08	5.08 x 10 ⁻³	12	1	0.3048	1.8 x 10 ⁻²	1.14 x 10 ⁻²
m/min	0.656	5.46 x 10 ⁻²	16.667	1.67 x 10 ⁻²	39.4	3.28	1	5.9 x 10 ⁻²	0.37
km/hour	10.936	0.911	277.8	0.2778	656	54.67	16.67	1	0.62
miles/hour	17.59	1.47	447	0.447	1056	88	26.8	1.609	1

Material Densities (D)

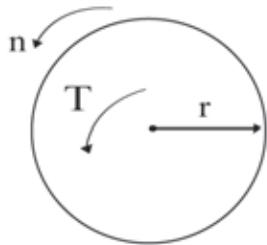
	oz/in ³	lb/in ³	gm/cm ³
Aluminum	1.57	0.098	2.72
Brass	4.96	0.31	8.6
Bronze	4.72	0.295	8.17
Copper	5.15	0.322	8.91
Plastic	0.64	0.04	1.11
Steel	4.48	0.28	7.75

Friction Coefficients (sliding)

Steel on Steel	0.58
Steel on Steel (Greased)	0.15
Aluminum on Steel	0.45
Copper on Steel	0.36
Brass on Steel	0.40
Plastic on Steel	0.20
Linear Bearings	0.001

Calculating power requirements - P

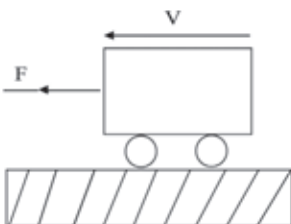
Rotational



$$P \text{ (kW)} = \frac{T(\text{Nm}) \times n \text{ (rpm)}}{9549}$$

$$P \text{ (Hp)} = \frac{T(1\text{b ft}) \times n \text{ (rpm)}}{5252}$$

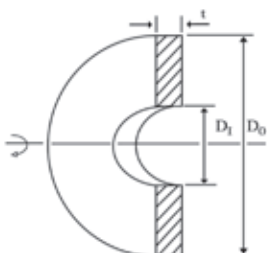
Linear



$$P \text{ (kW)} = \frac{F(\text{Nm}) \times V \text{ (m/s)}}{1000}$$

$$P \text{ (Hp)} = \frac{F(1\text{bf}) \times V \text{ (ft/s)}}{550}$$

Calculating Inertia



$$M = \frac{Tt \rho t \times (D_0^2 - D_1^2)}{4}$$

$$J = Mr^2 = \frac{Tt \rho t \times (D_0^4 - D_1^4)}{32}$$

$$J = Mr^2 = \frac{M \times (D_0^2 + D_1^2)}{8}$$

Mechanism Efficiencies %

Acme Screw (Bronze Nut)	40-65
Acme Screw (Plastic Nut)	50-85
Ball Screw	90-95
Helical Gear	96-98
Spur Gear	90
Timing Belt/Pulley	90-97
Worm Gears	60-85

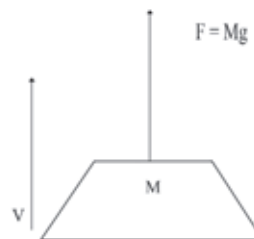
Temperature

$^{\circ}\text{F} =$	$(1.8 \times ^{\circ}\text{C}) + 32$
$^{\circ}\text{C} =$	$.555 (^{\circ}\text{F} - 32)$

Gravity (Acceleration Constant)

$g = 386 \text{ in/s}^2$	$= 32.2 \text{ ft/s}^2$	$= 9.8 \text{ m/s}^2$
--------------------------	-------------------------	-----------------------

Lifting



$$P \text{ (kW)} = \frac{M(\text{kg}) \times V \text{ (m/s)}}{102}$$

$$P \text{ (Hp)} = \frac{M(\text{lb}) \times V \text{ (ft/s)}}{550}$$

Calculating torque to accelerate in given time

$$T \text{ (Nm)} = \frac{J(\text{kgm}^2) \times \Delta N \text{ (rpm)}}{9.549 \times t \text{ (s)}}$$

Units

Do, D1, t, in metres m

p in Kilograms / metre³ kgm³

M in Kilograms kg

J = Kilograms /metre² kgm²

Limited Warranty

Scope of Warranty: All products are warranted against defects in workmanship and materials.

Warranty Period: All Baldor products are warranted against defects in materials and workmanship. Motor warranty varies depending on type of motor and application. For warranty information on a specific product, please visit our website at www.baldor.eu or contact your local Baldor District office.

All warranty claims must be submitted prior to the expiration of the warranty period.

Warranty Service Center Locations: Warranty service is available for all Baldor products from Authorized Service Centers. A list of Authorized Service Centers is available at www.baldor.com and from any Baldor District Office or by contacting us at the above location.

Procedure to Receive Warranty Service: Customers should take or ship prepaid the Baldor product requiring warranty service to an Authorized Service Center. Please include an explanation of the defect or problem, a description of the way in which the product is used, your name, address and telephone number.

Repair by Other than a Baldor Authorized Service Center: Customers who are unable to take or ship the Baldor product to an Authorized Service Center, or who desire a repair to be made by other than a Baldor Authorized Service Center, should contact the local Baldor District Office. A repair by anyone other than an Authorized Service Center must be approved in advance by Baldor Electric Company.

Repairs or Replacement Within the Scope of the Warranty: If a Baldor product is defective due to workmanship or materials and the defect occurs during the warranty period, then Baldor will either repair the product or replace it, whichever Baldor believes to be appropriate under the circumstances. Baldor is not responsible for removal and shipping of the product to the service center, the reinstallation of the product upon its return to the customer, or any incidental or consequential damages resulting from the defect, removal, reinstallation, shipment or otherwise.

Repairs Outside the Scope of the Warranty: Problems with Baldor products can be due to improper maintenance, faulty installation, non-approved additions or modifications, or other problems not due to defects in workmanship or materials. If the Baldor Authorized Service Center determines that the problem with a Baldor product is not due to defects in workmanship or materials, then the customer will be responsible for the cost of any necessary repairs. Customers not satisfied with a determination that a problem is outside of warranty coverage should contact the Baldor District Office for further consideration.

Intended Use: Baldor products are designed for industrial, commercial and agricultural use rather than household, family or personal use.

Product Specifications: All product specifications, applications and other information provided in Baldor's catalog and publications are subject to correction and change without notice and should be confirmed with the Baldor District Office prior to ordering.

Extended Warranties: Extended warranties are available for certain products. Contact your Baldor District office for additional information.

No Other Warranties and Liability Limitation: This Limited Warranty and Service Policy represents Baldor's sole and exclusive warranty obligation with respect to Baldor products. Baldor's liability to a customer or any other person shall not exceed the sales price of the applicable Baldor product. BALDOR DISCLAIMS ALL OTHER EXPRESSED AND IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY.

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Baldor has made every effort to make this catalog complete and accurate as of the time of printing. All pricing is subject to change or correction. Since products are continuously being improved, all data is subject to change or correction. The data presented here is for general information to provide an overview of Baldor's capabilities. For specific applications, installation and operating instructions, certified dimensions, capabilities and performance data, and pricing and availability, contact your Baldor District Sales Office.

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US Stock Product Catalog
BR501



Dodge Product Catalog
Form 1D



Custom Motors
BR401



Severe Duty Motors
BR420



NEMA Frame
AC Induction Motors
BR435



Super-E Premium
Efficient Motors
BR457



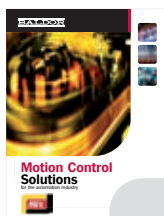
Explosion Proof Motors
BR454



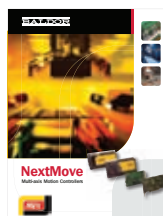
Washdown Duty
Products
BR455



Inverter Drive/Vector
Drive Motors
BR400



Motion Control
Solutions
BR1202-A



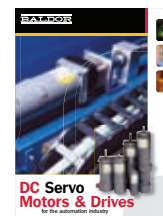
Nextmove Motion
Controllers
BR1202-C



AC Servo Drives
BR1202-D



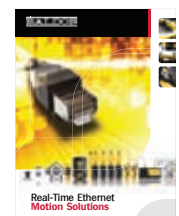
AC Servo Motors /
Servo Rated Gearheads
BR1202-E



DC Servo Motors &
Drives
BR1202-F



Linear Motors
BR1202-G



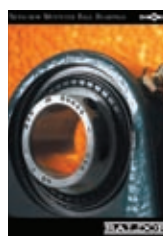
Real-Time Ethernet
Motion Solutions
BR1202-I



Dodge E-Z Kleen/Ultra
Kleen Ball Bearings
BR3001



Dodge ISN Bearings
BR3010



Setscrew Mounted
Ball Bearings
BR3002



Type E Roller Bearing
BR3008



Imperial Roller
Bearings
BR3005



Torque-Arm II™
BR1602



Mounted Bearings
(European)
CA3001

European Stock Product Catalog 501E

Baldor Value Formula

$$V_p = \frac{Q_p \times S_p}{C \times T}$$

Q = QUALITY S = SERVICE
C = COST T = TIME
P = PERCEIVED

The Baldor Value Formula is at the core of everything we do. From design to manufacturing, to sales and service, the Value Formula is the cornerstone from which we operate.

The formula illustrates the equal importance of four factors sharing our customers' perception of Value. We constantly make improvements in the Quality of our Products. We strive to improve the of Service to our customers, making their jobs easier. By improving Quality and Service while reducing the ownership Cost of our products and the Time it takes to deliver products to our customers, our Value (as perceived by the customer) continues to increase ... year after year.



Baldor's Mission Statement

To be the best, (as determined by our customers) designers, marketers and manufacturers of industrial electric motors, mechanical power transmission products, drives and generators



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