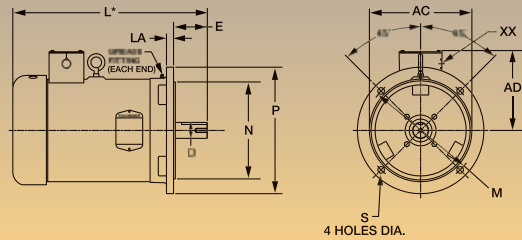
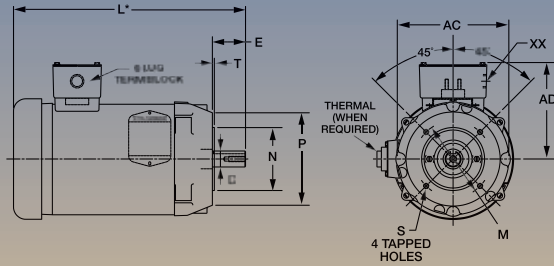


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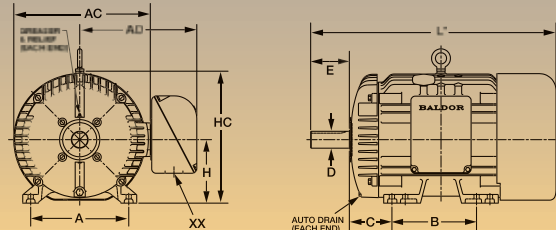
Leader in Energy Efficient Industrial Electric Motors and Drives



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

Drawings represent standard TEFC general purpose motors.

*Dimensions are for reference only.



*Contact your local Baldor office for "L" Dimensions.

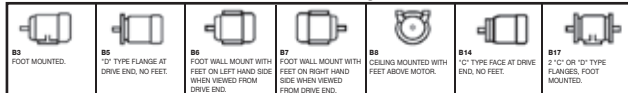
IEC QUICK REFERENCE CHART

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	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
		3.937	3.150	1.570	2.480	.433	.906	.313	4.528	3.740	5.512	.354	.118	2.953	2.362	3.540		0.98		4.690	4.760	5.00	22d
71	300 400	112	90	45	71	14	30	8	130	110	160	10	3.5	85	70	105	M6	2.5	+	119	102	131	18
		4.409	3.543	1.770	2.800	.551	1.181	.313	5.118	4.331	6.299	.393	.138	3.347	2.756	4.130		.098		4.690	4.760	5.140	22d
80	400 500	125	100	50	80	19	40	13	165	130	200	12	3.5	100	80	120	M6	3	+	145	116	152	22
		4.921	3.937	1.969	3.150	.748	1.575	.500	6.496	5.118	7.874	.472	.138	3.937	3.150	4.724		.118		5.690	4.510	6	.880
90	S L	140	100	56	90	24	50	13	165	130	200	12	3.5	115	95	140	M8	3	+	168	130	173	22
		5.511	3.937	2.205	3.543	.945	1.969	.500	6.496	5.118	7.874	.472	.138	4.530	3.740	5.512		.118		4.690	4.510	6	.880
100	S L	160	112	63	100	28	60	14	215	180	250	14	4	130	110	160	M8	3.5	+	200	149	173	22
		6.300	4.409	2.480	3.937	1.102	2.362	.562	8.465	7.087	9.840	.560	.160	5.108	4.331	6.299		.138		7.875	5.875	7.906	21d
112	S M	190	114	70	112	28	60	14	215	180	250	14	4	130	110	160	M8	3.5	+	243	149	214	27
		7.480	4.488	2.760	4.409	1.102	2.362	.562	8.465	7.087	9.840	.560	.160	5.108	4.331	6.299		.138		7.875	5.875	8.437	1.062
132	S M	216	140	89	132	38	80	14	265	230	300	14	4	165	130	200	M8	3.5	+	243	187	256	27
		8.504	5.512	3.504	5.197	1.496	3.150	.562	10.433	9.055	11.811	.560	.160	6.496	5.118	7.874		.138		9.562	7.375	10.062	1.062
160	M L	254	210	108	160	42	110	20	300	250	350	19	5	215	180	250	M12	4	+	329	242	329	35
		10	8.268	4.252	6.299	1.654	4.331	.787	11.811	9.840	13.780	.748	.200	8.465	7.087	9.840		.160		12.940	9.510	12.940	1.375
180	M L	279	241	121	180	48	110	20	300	250	350	19	5	215	180	250			+	395	333	372	51
		10.984	9.488	4.764	7.087	1.890	4.331	.787	11.811	9.840	13.780	.748	.200	8.465	7.087	9.840				15.560	13.120	14.640	2.008
200	M L	318	267	133	200	55	110	27	350	300	400	19	5	215	180	250			+	441	359	416	63
		12.520	10.512	5.236	7.874	2.165	4.331	1.062	13.780	11.811	15.748	.748	.200	8.465	7.087	9.840				17.375	14.125	16.375	2.500
225	S M	356	286	149	225	60	140	19	400	350	450	19	6	215	180	250			+	495	383	483	63
		14.016	11.260	5.866	8.858	2.362	5.512	.748	15.748	13.780	17.716	.748	.236	8.465	7.087	9.840				19.488	15.079	19.016	2.500
250	S M	406	311	168	250	65	140	25	400	350	450	19	6	215	180	250			+	520	457	513	63
		15.984	12.244	6.614	9.843	2.559	5.512		13.780	11.811	15.748	.748	.200	8.465	7.087	9.840				20.472	17.992	20.197	2.500
280	S M	457	368	190	280	75	140	30	400	350	450	19	6	215	180	250			+	616	497	581	63
		17.992	14.488	7.485	11.025	2.953	5.512		13.780	11.811	15.748	.748	.200	8.465	7.087	9.840				24.252	19.567	22.874	2.500
315	S M	508	406	216	315	80	170	35	400	350	450	19	6	215	180	250			+	759	683	682	102
		20	16	8.500	12.400	3.149	6.693		13.780	11.811	15.748	.748	.200	8.465	7.087	9.840				29.900	26.880	26.840	4

LEGEND

Metric (MM) Dimensions in Black
 Inch Dimensions in Red
 d = DC Motors
 1 mm = .03937" 1" = 25.40 mm

Horizontal Shaft Arrangements



Vertical Shaft Arrangements



IP Protection - Baldor Enclosures

- IP22** = Open Drip Proof AC or DC Motors.
- IP54** = All standard TEFC AC and DC Motors.
- IP55** = All 841 Chemical Processing, Dirty Duty, and Washdown Duty Motors

BALDOR ELECTRIC COMPANY
 P.O. BOX 2400
 FORT SMITH, ARKANSAS
 72902-2400 U.S.A.

SUMMARY OF IP PROTECTION NUMBERS

- | First #
Protection Against Solid Objects | Second #
Protection Against Liquids |
|---|--|
| IP TESTS | 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 ship decks, limited ingress.) |
| | 7 Protection against immersion. |
| | 8 Protection against submersion. |

