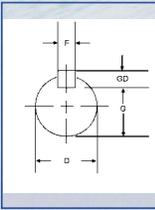
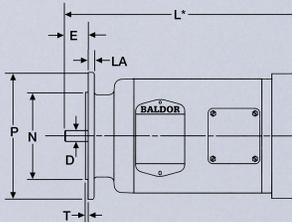
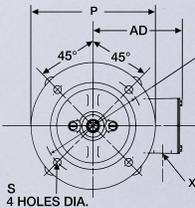
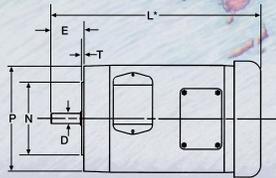
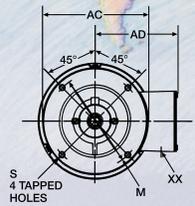
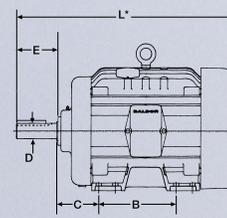
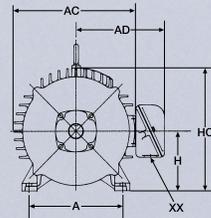


BALDOR® MOTORS AND DRIVES

Leader in Energy Efficient
Industrial Electric Motors and Drives



KEY AND KEYSAT 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	37	42	12	8							



Drawings represent standard TEFC general purpose motors. * Dimensions are for reference only

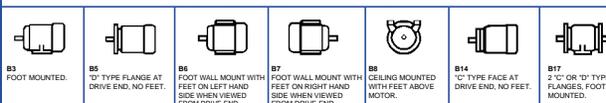
* CONTACT YOUR LOCAL BALDOR
OFFICE FOR "L" DIMENSIONS

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	AD	HC	XX
63	300	100 3.937	80 3.150	40 1.570	63 2.480	11 .433	23 .906	8 .313	115 4.528	95 3.740	140 5.512	9 .354	3 .118	75 2.953	60 2.362	90 3.540	M5	2.5 .098	*	119 4.690	102 116d 4.567d	121 136d 5.375d	13 .500 22d .880d
71	300 400	112 4.409	90 3.543	45 1.770	71 2.800	14 .551	30 1.181	8 .313	130 5.118	110 4.331	160 6.299	10 .393	3.5 .138	85 3.347	70 2.756	105 4.130	M6	2.5 .098	*	119 4.690 145d 5.690d	102 4 149d 5.880d	131 151d 5.880d	18 .690 21d .844d
80	400 500	125 4.921	100 3.937	50 1.969	80 3.150	19 .748	40 1.575	13 .500	165 6.496	130 5.118	200 7.874	11 .430	3.5 .138	100 3.937	80 3.150	120 4.724	M6	3 .118	*	145 5.690 168d 6.614d	116 4.510 130 5.120	152 162d 6.380d	22 .880 21d .844d
90	S L	140 5.511	100 3.937 125 4.921	56 2.205	90 3.543	24 .945	50 1.969	13 .500	165 6.496	130 5.118	200 7.874	12 .472	3.5 .138	115 4.530	95 3.740	140 5.512	M8	3 .118	*	168 6.614 144d 5.687d	130 5.120 107d 4.250d	173 180 6.810 165d 6.531d	22 .880 21d .844d
100	S L	160 6.300	112 4.409 140 5.512	63 2.480	100 3.937	28 1.102	60 2.362	14 .562	215 8.465	180 7.087	250 9.840	14 .560	4 .160	130 5.108	110 4.331	160 6.299	M8	3.5 .138	*	200 7.875	149 153d 6.060d	180 190 7.906 239d 9.440d	27 1.062
112	S M	190 7.480	140 5.512	70 2.760	112 4.409	28 1.102	60 2.362	14 .562	215 8.465	180 7.087	250 9.840	14 .560	4 .160	130 5.108	110 4.331	160 6.299	M8	3.5 .138	*	200 7.875	149 5.875	214 214 8.437	27 1.062
132	S M	216 8.504	178 7.008	89 3.504	132 5.197	38 1.496	80 3.150	14 .562	265 10.433	230 9.055	300 11.811	14 .560	4 .160	165 6.496	130 5.118	200 7.874	M8	3.5 .138	*	243 9.562	187 7.375	256 10.062	27 1.062
160	M L	254 10	210 8.268 254 10	108 4.252	160 6.299	42 1.654	110 4.331	20 .787	300 11.811	250 9.842	350 13.780	19 .748	5 .200	215 8.465	180 7.087	250 9.840	M12	4 .160	*	329 12.940	242 9.510	329 12.940	35 1.375
180	M L	279 10.984	241 9.488 279 10.984	121 4.764	180 7.087	48 1.890	110 4.331		300 11.811	250 9.842	350 13.780	19 .748	5 .200						*	395 15.560	333 13.120	372 14.640	51 2.008
200	L M	318 12.520	267 10.512 305 12.008	133 5.236	200 7.874	55 2.165	110 4.331		350 13.780	300 11.811	400 15.748	19 .748							*	441 17.375	359 14.125	416 16.375	63 2.500
225	S M	356 14.016	286 11.260 311 12.244	149 5.866	225 8.858	60 2.362	140 5.512		400 15.748	350 13.780	450 17.716	19 .748							*	495 19.488	383 15.079	483 19.016	63 2.500
250	S M	406 15.984	311 12.244 349 13.740	168 6.614	250 9.843	70 2.756	140 5.512												*	520 20.472	457 17.992	513 20.197	63 2.500
280	S M	457 17.992	368 14.488 419 16.496	190 7.485	280 11.025	80 3.150	170 6.693												*	616 24.252	497 19.567	581 22.874	63 2.500
315	S M	508 20	406 16 457 18	216 8.500	315 12.400	85 3.346	170 6.693												*	759 29.900	683 26.880	682 26.840	102 4
355	S L	610 24	500 19.690 630 24.800	254 10	355 13.980	85 3.346	170 6.693												*	759 29.900	683 26.880	719 28.320	102 4

LEGEND
METRIC (MM) DIMENSIONS IN BLACK
INCH DIMENSIONS IN RED
d = DC MOTORS
1mm = .03937" 1" = 25.40mm

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