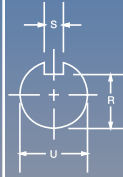
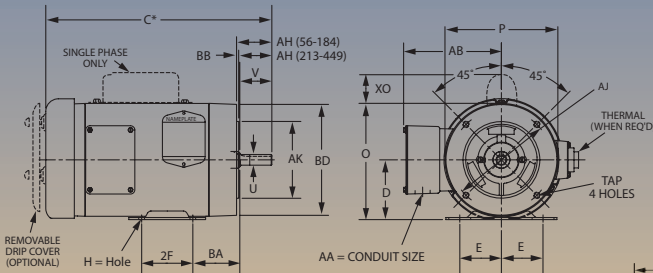


BALDOR®

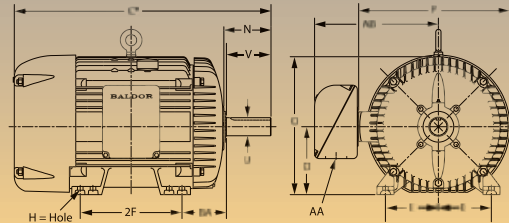
Leader in Energy Efficient Industrial Electric Motors and Drives



NEMA Shaft Dimensions		NEMA Shaft Dimensions	
(U)	(R)	(S)	(R)
3/8	21/64	FLAT	1-7/8
1/2	29/64	FLAT	2-1/8
5/8	33/64	3/16	2-3/8
7/8	49/64	3/16	2-1/2
1-1/8	63/64	1/4	2-7/8
1-3/8	1-13/64	5/16	3-3/8
1-5/8	1-13/32	3/8	3-7/8



Drawings represent standard TEFC general purpose motors
 Refer Data Section 502 for various models, OPEN or TEFC
 *Dimensions are for reference only.



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

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

NEMA QUICK REFERENCE CHART

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	11/32 SLOT	2-7/16	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	13/32	2-11/16	2-11/16	3-9/16	8-11/16	7-7/8	7/8	2-1/4	2-1/8	5-7/8	4-1/2	2-3/4	1/8	6-1/2	2-3/8	3/8-16
213 215 213T 215T	5-1/4	4-1/4	5-1/2	7	13/32	3-1/2	3-1/2	3-7/8	10-1/4	9-9/16	1-1/8	3	3/4	2-3/4	3-1/8	1/4	9	2-3/4	1/2-13	
254U 256JU 254T 256T	6-1/4	5	8-1/4	10	17/32	4-1/16	4-1/16	4-5/16	12-7/8	12-15/16	1-3/8	3-3/4	1	3-3/4	3-3/4	1/4	10	-	1/2-13	
284U 286U 284T 286T 284TS 286TS	7	5-1/2	9-1/2	11	17/32	5-1/8	5-1/8	4-7/8	14-5/8	14-5/8	1-5/8	4-7/8	1-1/2	4-3/8	4-3/8	1/4	11-1/4	-	1/2-13	
324U 326U 324T 326T 324TS 326TS	8	6-1/4	10-1/2	12	21/32	5-7/8	5-7/8	5-1/2	16-1/2	16-1/2	1-7/8	5-5/8	2	5-5/8	5-5/8	1/4	13-3/8	-	5/8-11	
364U 365U 364T 365T 364TS 365TS	9	7	11-1/4	12	21/32	6-3/4	6-3/4	6-1/4	18-1/2	18-1/4	2-1/8	6-3/8	2-1/2	6-3/8	6-3/8	1/4	13-3/8	-	5/8-11	
404U 405U 404T 405T 404TS 405TS	10	8	12-1/4	13	13/16	7-3/16	7-3/16	7-5/16	20-5/16	20-1/8	2-3/8	7-1/8	3	7-1/8	7-1/8	1/4	13-7/8	-	5/8-11	
444U 445U 444T 445T 447T 449T 444TS 445TS 447TS 449TS	11	9	14-1/2	15	13/16	8-5/8	8-5/8	8-1/2	22-7/8	22-3/8	2-7/8	8-5/8	3	8-5/8	8-5/8	1/4	16-3/4	-	5/8-11	

Both Baldor and Reliance products are shown in this catalog. There are slight differences in dimensions between the two product designs, primarily in the O and P dimensions. The above chart reflects Baldor dimensions. For more exact dimensional data, please check the specific drawing for the specific catalog number.

5000 FRAME	D	E	2F	H	O	P	U	V	AA	AB	BA
5007S	12-1/2	10	22	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5007L	12-1/2	10	22	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5009S	12-1/2	10	28	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5009L	12-1/2	10	28	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2
5011S	12-1/2	10	36	15/16	26-27/32	30	2-1/2	6-1/2	4-NPT	26-7/8	8-1/2
5011L	12-1/2	10	36	15/16	26-27/32	30	3-7/8	11-1/8	4-NPT	26-7/8	8-1/2

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

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

Frame	NEMA FRAMES PRIOR TO 1953							
	D	E	F	N	U	V	BA	BA
66	4-1/8	2-15/16	2-1/2	2-1/4	3/4	2-1/4	3-1/8	3-1/8
203	5	4	2-3/4	2-7/16	3/4	2	3-1/8	3-1/8
204	5	4	3-1/4	3-3/8	1	3	3-1/2	3-1/2
224	5-1/2	4-1/2	3-3/4	3-1/4	1	3	3-1/2	3-1/2
225	5-1/2	4-1/2	3-3/4	3-1/4	1	3	3-1/2	3-1/2
254	6-1/4	5	4-1/8	3-7/16	1-1/8	3-3/8	4-1/4	4-1/4
284	7	5-1/2	4-3/4	4-1/4	1-1/4	3-3/4	4-3/4	4-3/4
324	8	6-1/4	5-1/4	5-3/8	1-5/8	4-7/8	5-1/4	5-1/4
326	8	6-1/4	5-1/4	5-3/8	1-5/8	4-7/8	5-1/4	5-1/4
364	9	7	6-1/8	5-5/8	1-7/8	5-3/8	5-7/8	5-7/8
365	9	7	6-1/8	5-5/8	1-7/8	5-3/8	5-7/8	5-7/8
404	10	8	6-1/8	6-3/8	2-1/8	6-1/8	6-5/8	6-5/8
405	10	8	6-1/8	6-3/8	2-1/8	6-1/8	6-5/8	6-5/8
444	11	9	7-1/4	7-1/8	2-3/8	6-7/8	7-1/2	7-1/2
445	11	9	7-1/4	7-1/8	2-3/8	6-7/8	7-1/2	7-1/2
504	12-1/2	10	8	8-5/8	2-7/8	8-3/8	8-1/2	8-1/2
505	12-1/2	10	8	8-5/8	2-7/8	8-3/8	8-1/2	8-1/2

