



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 Sales 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 145T 145T	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
182 182T 184T	4-1/2	3-3/4	4-1/2 5-1/2	13/32	2-11/16 3-9/16 3-9/16	8-11/16	7-7/8	7/8 1-1/8 1-1/8	2-1/4 2-3/4 2-3/4	3/4	5-7/8	2-1/8 5-7/8 2-5/8	5-7/8 7-1/4 7-1/4	4-1/2 4-1/2 8-1/2	2-3/4 1/4 1/4	1/8 1/4 9	6-1/2 6-1/2 9	1-9/16 2-3/8 1-2/13	1/4-20
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 3-7/8	10-1/4	9-9/16	1-1/8 1-1/8 1-3/8 1-3/8	3-3/4 3 3-3/8 3-3/8	1	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 5-1/8 4-7/8 4-7/8 3-3/8 3-3/8	14-5/8	14-5/8	1-5/8 1-5/8 4-7/8 4-5/8 1-7/8 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	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	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 5-14 5-14 3-3/4 3-3/4	2	14-1/8	5-3/8 5-3/8 5 5	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	19-1/2	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	18-1/16 18-1/16 18-1/16 18-1/16	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	21-5/16	22-1/2	2-3/8 2-3/8 2-7/8 2-7/8 2-1/8 2-1/8	7-1/8 7-1/8 7-1/4 7-1/4 4-1/4 4-1/4	3	19-1/4 19-1/4 19-5/16 19-5/16 19-5/16 19-5/16	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 8-9/16 8-9/16 8-9/16 8-9/16 4-13/16 4-13/16 4-13/16 4-13/16	23-3/8 23-3/8 34-3/16 34-3/16 28-3/4 28-3/4 28-3/4 28-3/4 28-3/4 28-3/4	25-1/4 25-1/4 28-3/4 28-3/4 3-3/8 3-3/8 2-3/8 2-3/8 2-3/8 2-3/8	7-7/8 7-7/8 8-3/8 8-3/8 8-3/8 8-3/8 4-5/8 4-5/8 4-5/8 4-5/8	8-5/8 8-5/8 8-3/8 8-3/8 8-3/8 8-3/8 8-1/2 8-1/2 8-1/2 8-1/2	3 3 4 4 4 4 4 4 4 4	22-3/16 22-3/16 24-5/8 24-5/8 24-5/8 24-5/8 24-1/2 24-1/2 24-5/8 24-5/8	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 14 14 14 14 14 16 16 16 16	16	1/4	16-3/4	-	5/8-11	

The above chart provides typical Baldor/Reliance motor dimensions. For more exact dimensional data, please check the specific drawing for each catalog number. Dimensional data for 444T through 449TS frame sizes reflect the use of a top mounted conduit box with a cantilevered mounting arm.

5000 FRAME	D	E	2F	H	O	P	U	V	AA	AB	BA
5008S	12-1/2	10	22	15/16	26-27/32	32.24	4.13	6.84	4-NPT	32.74	8-1/2
5008L	12-1/2	10	22	15/16	26-27/32	32.24	4.13	10.84	4-NPT	32.74	8-1/2
5010S	12-1/2	10	28	15/16	26-27/32	32.24	4.13	6.84	4-NPT	32.74	8-1/2
5010L	12-1/2	10	28	15/16	26-27/32	32.24	4.13	10.84	4-NPT	32.74	8-1/2
5012S	12-1/2	10	36	15/16	26-27/32	32.24	4.13	6.84	4-NPT	32.74	8-1/2
5012L	12-1/2	10	36	15/16	26-27/32	32.24	4.13	10.84	4-NPT	32.74	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

Frame	NEMA FRAMES PRIOR TO 1953					
	D	E	F	H	V	BA
66	4-1/8	2-15/16	2-1/2	2-1/4	3/4	2-1/4 3-1/8
203	5	4	2-3/4	2-7/16	3/4	2 3-1/8
204	5	4	3-1/4	2-7/16	3/4	2 3-1/8
224	5-1/2	4-1/2	3-3/8	3-1/4	1	3 3-1/2
225	5-1/2	4-1/2	3-3/4	3-1/4	1	3 3-1/2
254	6-1/4	5	4-1/8	3-7/16	1-1/8	3-3/8 4-1/4
284	7	5-1/2	4-3/4	4-1/4	1-1/4	3-3/4 4-3/4
324	8	6-1/4	5-1/4	4-1/4	1-1/4	4-7/8 5-1/4
326	8	6-1/4	5-1/4	4-1/4	1-1/4	4-7/8 5-1/4
384	9	7	5-5/8	5-5/8	1-7/8	5-3/8 5-7/8
385	9	7	6-1/8	6-3/8	2-1/8	6-1/8 6-5/8
404	10	8	6-1/8	6-3/8	2-1/8	6-1/8 6-5/8
405	10	8	6-7/8	6-3/8	2-1/8	6-1/8 6-5/8
444	11	9	7-1/4	7-1/8	2-3/8	6-7/8 7-1/2
445	11	9	8-1/4	7-1/8	2-3/8	6-7/8 7-1/2
504	12-1/2	10	8	8-5/8	2-7/8	8-3/8 8-1/2
505	12-1/2	10	9	8-5/8	2-7/8	8-3/8 8-1/2

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 FORT SMITH, ARKANSAS
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