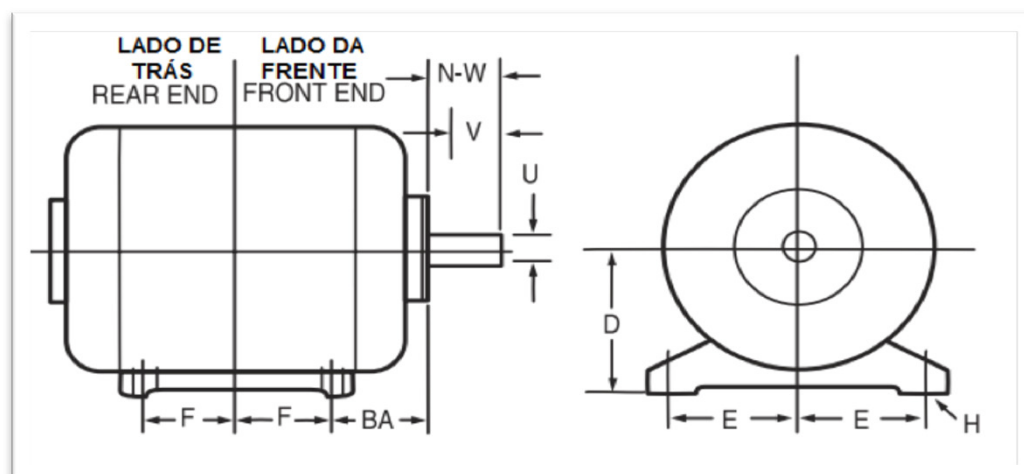




## NEMA - DIMENSÕES PADRONIZADAS DE MOTORES ELÉTRICOS

N E M A Standardized motor dimensions



NEMA Designação Tamanho	Dimensões por tamanho (polegadas)						
	D	E	2F	BA	N-W	V	U
NEMA Frame Designatio	Frame Dimensions (inches)						
	D	E	2F	BA	N-W	V	U
42	2 5/8	1 3/4	nov/16	2 1/16	1 1/8		3/8.
42C	2 5/8	1 3/4	nov/16	2 1/16	1 1/8		3/8.
48	3	2 1/8	2 3/4	2 1/2	1 1/2		1/2.
48C	3	2 1/8	2 3/4	2 1/2	1 1/2		1/2.
48H	3	2 1/8	4 3/4	2 1/2	1 1/2		1/2.
56	3 1/2	2 7/16	3	2 3/4	1 7/8		5/8.
56C	3 1/2	2 7/16		2 3/4	1 7/8		5/8.
56H	3 1/2	2 7/16	5	2 3/4	1 7/8		5/8.
56HZ	3 1/2	2 7/16	5	2 3/4	2 1/4	2	7/8.
56J	3 1/2	2 7/16		2 3/4	2 7/16		5/8.
66	4 1/8	2 15/16	5	3 1/8	2 1/4		3/4.
140T	3 1/2	2 3/4	4	2 3/4	2 1/4		7/8.
142AT	3 1/2	2 3/4	3 1/4	2 3/4	1 3/4	1 1/2	7/8.
143AT	3 1/2	2 3/4	4	2 1/4	1 3/4	1 1/2	7/8.
143JM	3 1/2	2 3/4	4	2 1/4			7/8.
143JP	3 1/2	2 3/4	4	2 1/4			7/8.
143T	3 1/2	2 3/4	4	2 1/4	2 1/4	2	7/8.
143TC	3 1/2	2 3/4	4	2 3/4	2 1/4		7/8.
143TR	3 1/2	2 3/4	4	2 1/4	2 5/8	1 3/4	7/8.
144AT	3 1/2	2 3/4	4 1/2	2 3/4	1 3/4	1 1/2	7/8.
145AT	3 1/2	2 3/4	5	2 3/4	1 3/4	1 1/2	7/8.
145JM	3 1/2	2 3/4	5	2 1/4			7/8.
145JP	3 1/2	2 3/4	5	2 1/4			7/8.
145T	3 1/2	2 3/4	5	2 1/4	2 1/4	2	7/8.
145TC	3 1/2	2 3/4	5	2 3/4	2 1/4		7/8.
145TR	3 1/2	2 3/4	5	2 1/4	2 5/8	1 3/4	7/8.
146AT	3 1/2	2 3/4	5 1/2	2 3/4	1 3/4	1 1/2	7/8.
146ATC	3 1/2	2 3/4	5 1/2	2 3/4	2 1/4		7/8.
147AT	3 1/2	2 3/4	6 1/4	2 3/4	1 3/4	1 1/2	7/8.
148AT	3 1/2	2 3/4	7	2 3/4	1 3/4	1 1/2	7/8.
149AT	3 1/2	2 3/4	8	2 3/4	1 3/4	1 1/2	7/8.
1410AT	3 1/2	2 3/4	9	2 3/4	1 3/4	1 1/2	7/8.
1411AT	3 1/2	2 3/4	10	2 3/4	1 3/4	1 1/2	7/8.
1412AT	3 1/2	2 3/4	11	2 3/4	1 3/4	1 1/2	7/8.
1412ATC	3 1/2	2 3/4	11	2 3/4	2 1/4		7/8.
162AT	4	3 1/8	4	2 1/2	1 3/4	1 1/2	7/8.
163AT	4	3 1/8	4 1/2	2 1/2	1 3/4	1 1/2	7/8.
164AT	4	3 1/8	2 1/2	2 1/2	1 3/4	1 1/2	7/8.
165AT	4	3 1/8	5 1/22 1/2	2 1/2	1 3/4	1 1/2	7/8.
166AT	4	3 1/8	6 1/4	2 1/2	1 3/4	1 1/2	7/8.
167AT	4	3 1/8	7	2 1/2	1 3/4	1 1/2	7/8.
168AT	4	3 1/8	8	2 1/2	1 3/4	1 1/2	7/8.
169AT	4	3 1/8	9	2 1/2	1 3/4	1 1/2	7/8.
1610AT	4	3 1/8	10	2 1/2	1 3/4	1 1/2	7/8.

NEMA Designação Tamanho	Dimensões por tamanho (polegadas)						
	D	E	2F	BA	N-W	V	U
NEMA Frame Designation	Frame Dimensions (inches)						
	D	E	2F	BA	N-W	V	U
203	5	4	5 1/2	3 1/8	2 1/4	2	3/4.
204	5	4	6 1/4	3 1/8	2 1/4	2	3/4.
213	5 1/4	4 1/4	5 1/2	3 1/2	3	2 3/4	1 1/8
213AT	5 1/4	4 1/4	5 1/2	3 1/2	2 3/4	2 1/2	1 3/8
213JM	5 1/4	4 1/4	5 1/2	3 1/2			7/8.
213JP	5 1/4	4 1/4	5 1/2	3 1/2			1 1/4
213T	5 1/4	4 1/4	5 1/2	3 1/2	3 3/8	3 1/8	1 3/8
213TC	5 1/4	4 1/4	5 1/2	3 1/2	3 3/8		1 3/8
213TR	5 1/4	4 1/4	5 1/2	3 1/2	4 1/8	2 5/8	1 3/8
214AT	5 1/4	4 1/4	6 1/4	3 1/2	2 3/4	2 1/2	1 3/8
215	5 1/4	4 1/4	7	3 1/2	3	2 3/4	1 1/8
215AT	5 1/4	4 1/4	7	3 1/2	2 3/4	2 1/2	1 3/8
215JM	5 1/4	4 1/4	7	3 1/2			7/8.
215JP	5 1/4	4 1/4	7	3 1/2			1 1/4
215T	5 1/4	4 1/4	7	3 1/2	3 3/8	3 1/8	1 3/8
215TC	5 1/4	4 1/4	7	3 1/2	3 3/8		1 3/8
215TR	5 1/4	4 1/4	7	3 1/2	4 1/8	2 5/8	1 3/8
216AT	5 1/4	4 1/4	8	3 1/2	2 3/4	2 1/2	1 3/8
217AT	5 1/4	4 1/4	9	3 1/2	2 3/4	2 1/2	1 3/8
218AT	5 1/4	4 1/4	10	3 1/2	2 3/4	2 1/2	1 3/8
219AT	5 1/4	4 1/4	11	3 1/2	2 3/4	2 1/2	1 3/8
219ATC	5 1/4	4 1/4	11	3 1/2	2 3/4		1 3/8
2110AT	5 1/4	4 1/4	12 1/2	3 1/2	2 3/4	2 1/2	1 3/8
2110ATC	5 1/4	4 1/4	12 1/2	3 1/2	2 3/4		1 3/8
224	5 1/2	4 1/2	6 3/4	3 1/2	3	2 3/4	1
225	5 1/2	4 1/2	7 1/2	3 1/2	3	2 3/4	1
253AT	6 1/4	5	7	4 1/4	3 1/4	3	1 5/8
254	6 1/4	5	8 1/4	4 1/4	3 3/8	3 1/8	1 1/8
254AT	6 1/4	5	8 1/4	4 1/4	3 1/4	3	1 5/8
254T	6 1/4	5	8 1/4	4 1/4	4	3 3/4	1 5/8
254TC	6 1/4	5	8 1/4	4 1/4	4		1 5/8
254TR	6 1/4	5	8 1/4	4 1/4	4 1/2	2 7/8	1 5/8
254U	6 1/4	5	8 1/4	4 1/4	3 3/4	3 1/2	1 5/8
255AT	6 1/4	5	9	4 1/4	3 1/4	3	1 5/8
256AT	6 1/4	5	10	4 1/4	3 1/4	3	1 5/8
256T	6 1/4	5	10	4 1/4	4	3 3/4	1 5/8
256TC	6 1/4	5	10	4 1/4	4		1 5/8
256TR	6 1/4	5	10	4 1/4	4 1/2	2 7/8	1 5/8
256U	6 1/4	5	10	4 1/4	3 3/4	3 1/2	1 3/8
257AT	6 1/4	5	11	4 1/4	3 1/4	3	1 5/8
258AT	6 1/4	5	12 1/2	4 1/4	3 1/4	3	1 5/8
259AT	6 1/4	5	14	4 1/4	3 1/4	3	1 5/8
283AT	7	5 1/2	8	4 3/4	3 1/4	3 1/2	1 7/8
284	7	5 1/2	9 1/2	4 3/4	3 3/4	3 1/2	1 1/4
284AT	7	5 1/2	9 1/2	4 3/4	3 3/4	3 1/2	1 7/8

182	4 1/2	3 3/4	4 1/2	2 3/4	2 1/4	2	7/8.
L182ACY	4 1/2	3 3/4	4 1/2	2 3/4	2 1/4	2	7/8.
182AT	4 1/2	3 3/4	4 1/2	2 3/4	2 1/4	2	1 1/8
L182AT	4 1/2	3 3/4	4 1/2	2 3/4		2	1 1/8
182JM	4 1/2	3 3/4	4 1/2	2 3/4			7/8.
182JP	4 1/2	3 3/4	4 1/2	2 3/4	2 3/4		7/8.
182T	4 1/2	3 3/4	4 1/2	2 3/4	2 3/4	2 1/2	1 1/8
182TC	4 1/2	3 3/4	4 1/2	2 3/4	3 3/8		1 1/8
182TR	4 1/2	3 3/4	4 1/2	2 3/4	2 1/4	2 1/4	1 1/8
183AT	4 1/2	3 3/4	5	2 3/4	2 1/4	2	1 1/8
184	4 1/2	3 3/4	5 1/2	2 3/4	2 1/4	2	7/8.
184AT	4 1/2	3 3/4	5 1/2	2 3/4	2 1/4	2	1 1/8
184JM	4 1/2	3 3/4	5 1/2	2 3/4			7/8.
184JP	4 1/2	3 3/4	5 1/2	2 3/4			7/8.
184TC	4 1/2	3 3/4	5 1/2	2 3/4	2 3/4		1 1/8
184T	4 1/2	3 3/4	5 1/2	2 3/4	2 3/4	2 1/2	1 1/8
184TR	4 1/2	3 3/4	5 1/2	2 3/4	3 3/8	2 1/4	1 1/8
185AT	4 1/2	3 3/4	6 1/4	2 3/4	2 1/4	2	1 1/8
186ACY	4 1/2	3 3/4	7	2 3/4	2 1/4	2	7/8.
186AT	4 1/2	3 3/4	7	2 3/4	2 1/4	2	1 1/8
L186AT	4 1/2	3 3/4	7	2 3/4	2 1/4	2	1 1/8
186ATC	4 1/2	3 3/4	7	2 3/4	2 1/4		1 1/8
187AT	4 1/2	3 3/4	8	2 3/4	2 1/4	2	1 1/8
188AT	4 1/2	3 3/4	9	2 3/4	2 1/4	2	1 1/8
189AT	4 1/2	3 3/4	10	2 3/4	2 1/4	2	1 1/8
189ATC	4 1/2	3 3/4	10	2 3/4	2 1/4		1 1/8
1810AT	4 1/2	3 3/4	11	2 3/4	2 1/4	2	1 1/8

284T	7	5 1/2	9 1/2	4 3/4	4 5/8	4 3/8	1 7/8
284TC	7	5 1/2	9 1/2	4 3/4	4 5/8		1 7/8
284TR	7	5 1/2	9 1/2	4 3/4	4 3/4	3 1/8	1 7/8
284TC	7	5 1/2	9 1/2	4 3/4	3 1/4	3	1 5/8
284U	7	5 1/2	9 1/2	4 3/4	4 7/8	4 5/8	1 5/8
285AT	7	5 1/2	10	4 3/4	3 3/4	3 1/2	1 7/8
286AT	7	5 1/2	11	4 3/4	3 3/4	3 1/2	1 7/8
286T	7	5 1/2	11	4 3/4	4 5/8	4 3/8	1 7/8
286TC	7	5 1/2	11	4 3/4	4 5/8		1 7/8
286TR	7	5 1/2	11	4 3/4	4 3/4	3 1/8	1 7/8
286TS	7	5 1/2	11	4 3/4	3 1/4	3	1 7/8
286U	7	5 1/2	11	4 3/4	4 7/8	4 5/8	1 7/8
287AT	7	5 1/2	12 1/2	4 3/4	3 3/4	3 1/2	1 7/8
288AT	7	5 1/2	14	4 3/4	3 3/4	3 1/2	1 7/8
289AT	7	5 1/2	16	4 3/4	3 3/4	3 1/2	1 7/8
323AT	8	6 1/4	9	4 3/4	4 1/4	4	2 1/8
324	8	6 1/4	10 1/2	5 1/4	4 7/8	4 5/8	1 5/8
324AT	8	6 1/4	10 1/2	5 1/4	4 1/4	4	2 1/8
324TR	8	6 1/4	10 1/2	5 1/4	5 1/4	3 1/2	2 1/8
324TS	8	6 1/4	10 1/2	5 1/4	3 3/4	3 1/2	1 7/8
324U	8	6 1/4	10 1/2	5 1/4	5 5/8	5 3/8	1 7/8
325AT	8	6 1/4	11	5 1/4	4 1/4	4	2 1/8
326	8	6 1/4	12	5 1/4	4 7/8	4 5/8	1 5/8
326AT	8	6 1/4	12	5 1/4	4 1/4	4	2 1/8
326T	8	6 1/4	12	5 1/4	5 1/4	5	2 1/8
326TR	8	6 1/4	12	5 1/4	5 1/4	3 1/2	2 1/8
326TS	8	6 1/4	12	5 1/4	3 3/4	3 1/2	1 7/8
326U	8	6 1/4	12	5 1/4	5 5/8	5 3/8	1 7/8
327AT	8	6 1/4	14	5 1/4	4 1/4	4	2 1/8
328AT	8	6 1/4	16	5 1/4	4 1/4	4	2 1/8
329AT	8	6 1/4	18	5 1/4	4 1/4	4	2 1/8
363AT	9	7	10	5 7/8	4 3/4	4 1/2	2 3/8
364	9	7	11 1/4	5 7/8	5 5/8	5 3/8	1 7/8
364AT	9	7	11 1/4	5 7/8	4 3/4	4 1/2	2 3/8
364S	9	7	11 1/4	5 7/8	3 1/4	3	1 5/8
364T	9	7	11 1/4	5 7/8	5 7/8	5 7/8	2 3/8
364TR	9	7	11 1/4	5 7/8	5 3/4	3 3/4	2 3/8
364TS	9	7	11 1/4	5 7/8	3 3/4	3 1/2	1 7/8
364U	9	7	11 1/4	5 7/8	6 3/8	6 1/8	2 1/8
365	9	7	12 1/4	5 7/8	5 5/8	5 3/8	1 7/8
365AT	9	7	12 1/4	5 7/8	4 3/4	4 1/2	2 3/8
365T	9	7	12 1/4	5 7/8	5 7/8	4 7/8	2 3/8
324T	8	6 1/4	10 1/2	5 1/4	5 1/4	5	2 1/8
365TR	9	7	12 1/4	5 7/8	5 3/4	3 3/4	2 3/8
365TS	9	7	12 1/4	5 7/8	3 3/4	3 1/2	1 7/8
365U	9	7	12 1/4	5 7/8	6 3/8	6 1/8	2 1/8
366AT	9	7	14	5 7/8	4 3/4	4 1/2	2 3/8
364AT	9	7	11 1/4	5 7/8	4 3/4	4 1/2	2 3/8
367AT	9	7	16	5 7/8	4 3/4	4 1/2	2 3/8
368AT	9	7	18	5 7/8	4 3/4	4 1/2	2 3/8
369AT	9	7	20	5 7/8	4 3/4	4 1/2	2 3/8

NEMA - National Electrical Manufacturers Association