

Single Phase Roll Steel Motors

Foot Mount TEFC

Applications: ---

General purpose use on pumps, fans, blowers, compressors, conveyors, and other general use equipment in the agricultural industries.

Features: ---

- 1/3 HP to 10 HP
- 1.15 and up Service Factor @ 60 Hz
- Rolled Steel Frame Construction;
Aluminum Endbells for frames
56-145, cast iron Endbells for
frames 182-215
- C-Flange With Welded Feet as
Standard
- Vacuum Pressure Impregnation for
all Windings
- Class F Insulation System,
Class B Rise at Full Load
- TEFC Enclosure
- Sealed Bearings
- Shaft Slinger
- IP55 Protection
- Suitable for use with
Variable Frequency Drives
- 40°C Ambient Continuous Duty



NEMA

Standard Full Line Motors



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HP	RPM	Voltage	Frame	Catalog Number	Full Eff. 100%	Full Amps 115/230 V	Ship Wt. (lbs)
1/4	3600	115/230	48	RS142T01	61	3.4/1.7	17
	1800	115/230	48	RS144T01	65	4.2/2.1	19
1/3	3600	115/230	48	RS132T01	65	4.2/2.1	18
		115/230	56	RS132T02	58	5.2/2.6	20
	1800	115/230	48	RS134T01	68	5.2/2.6	23
		115/230	56	RS134T02	65	4.8/2.4	23
1/2	3600	115/230	48	RS122T01	69	5.8/2.9	20
		115/230	56	RS122T02	65	6.6/3.3	23
	1800	115/230	48	RS124T01	71	7.2/3.6	26
		115/230	56	RS124T02	69	6.4/3.2	26
3/4	3600	115/230	56	RS342T01	70	8.6/4.3	28
	1800	115/230	56	RS344T01	73	8.8/4.4	32
1	3600	115/230	56	RS12T01	73	10.8/5.4	33
	1800	115/230	56	RS14T01	75	11.2/5.6	35
1 1/2	3600	115/230	143T	RS322T01	74	13.8/6.9	34
	1800	115/230	145T	RS324T01	76	13.4/6.7	39
2	3600	115/230	56	RS22T01	76	18/9	40
		115/230	145T	RS22T02	76	18/9	41
	1800	115/230	56	RS24T01	77	17.8/8.9	46
		115/230	145T	RS24T02	77	17.8/8.9	47
3	3600	230	182T	RS32T01	78	13.1	90
	1800	230	182T	RS34T01	80	13	92
5	3600	230	184T	RS52T01	80	21.3	110
	1800	230	184T	RS54T01	82	20.8	112
7 1/2	3600	230	213T	RS72T01	83	30.9	144
	1800	230	213T	RS74T01	84	30.5	170
10	3600	230	215T	RS102T01	85	40.2	160
	1800	230	215T	RS104T01	86	41	188

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Single Phase Roll Steel Motors C Face TEFC

HP	RPM	Voltage	Frame	Catalog Number		Full Eff. 100%	Full Amps 115/230 V	Ship Wt. (lbs)
				Footed	Footless			
1/4	3600	115/230	48C	RS142T11	RS142T21	61	3.4/1.7	17
	1800	115/230	48C	RS144T11	RS144T21	65	4.2/2.1	19
1/3	3600	115/230	48C	RS132T11	RS132T21	65	4.2/2.1	18
		115/230	56C	RS132T12	RS132T22	58	5.2/2.6	20
	1800	115/230	48C	RS134T11	RS134T21	68	5.2/2.6	23
		115/230	56C	RS134T12	RS134T22	65	4.8/2.4	23
1/2	3600	115/230	48C	RS122T11	RS122T21	69	5.8/2.9	20
		115/230	56C	RS122T12	RS122T22	65	6.6/3.3	23
	1800	115/230	48C	RS124T11	RS124T21	71	7.2/3.6	26
		115/230	56C	RS124T12	RS124T22	69	6.4/3.2	26
3/4	3600	115/230	56C	RS342T11	RS342T21	70	8.6/4.3	28
	1800	115/230	56C	RS344T11	RS344T21	73	8.8/4.4	32
1	3600	115/230	56C	RS12T11	RS12T21	73	10.8/5.4	33
	1800	115/230	56C	RS14T11	RS14T21	75	11.2/5.6	35
1 1/2	3600	115/230	143TC	RS322T11	RS322T21	74	13.8/6.9	34
	1800	115/230	145TC	RS324T11	RS324T21	76	13.4/6.7	39
2	3600	115/230	56C	RS22T11	RS22T21	76	18/9	40
		115/230	145TC	RS22T12	RS22T22	76	18/9	41
	1800	115/230	56C	RS24T11	RS24T21	77	17.8/8.9	46
		115/230	145TC	RS24T12	RS24T22	77	17.8/8.9	47
3	3600	230	182TC	RS32T11	RS32T21	78	13.1	90
	1800	230	182TC	RS34T11	RS34T21	79	13	92
5	3600	230	184TC	RS52T11	RS52T21	80	21.3	110
	1800	230	184TC	RS54T11	RS54T21	82	20.8	112
7 1/2	3600	230	213TC	RS72T11	RS72T21	83	30.9	144
	1800	230	213TC	RS74T11	RS74T21	84	30.5	170
10	3600	230	215TC	RS102T11	RS102T21	85	40.2	160
	1800	230	215TC	RS104T11	RS104T21	86	41	188

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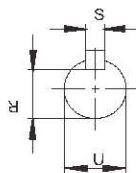
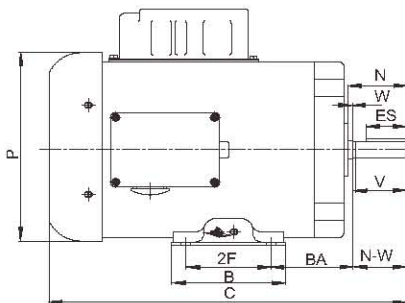
Standard Full Line Motors

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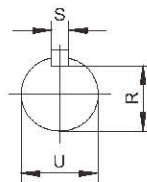
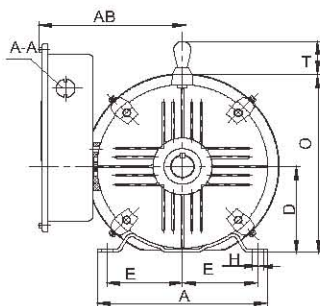
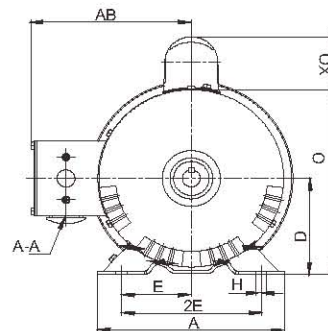
Foot Mount TEFC

Mounting and overall dimensions

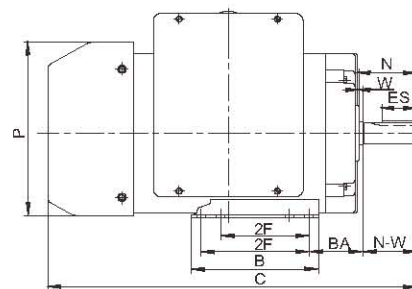
TEFC 48-215T



48-56T



180-210T



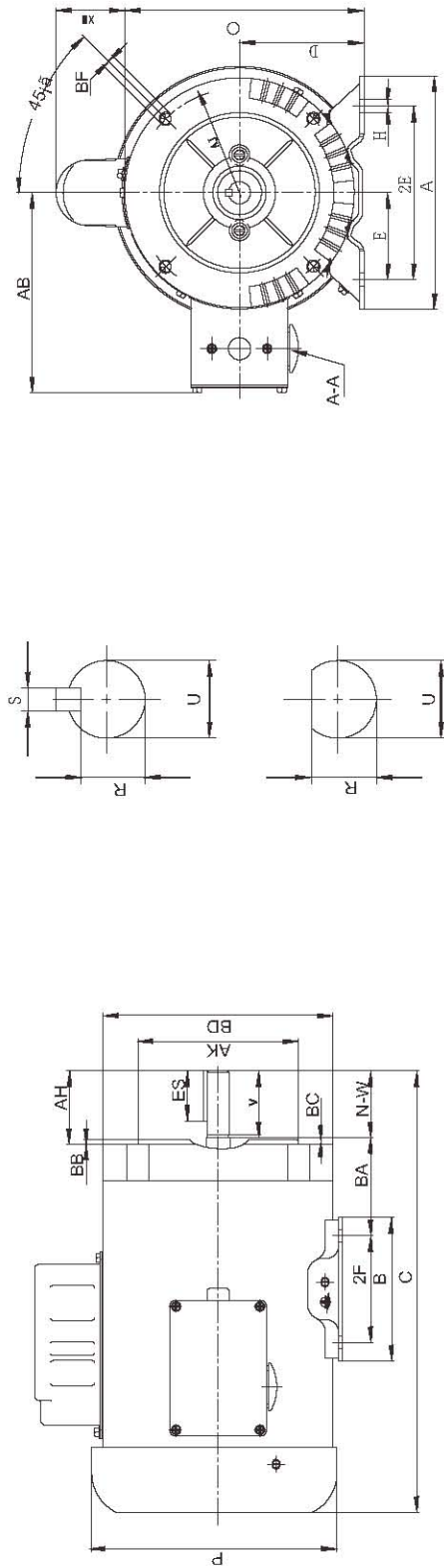
Type	AB	BA	MAX A	MAX B	C	D	E	2F	H	N	N-W	O	P	R	S	U	MIN V	MIN ES	MIN AA
48	5.3	2.5	6	3.8	10	3	2.12	2.75	0.34	1.62	1.5	5.83	5.66	0.453	—	0.5	1.125	—	½
56	5.6	2.75	6.5	4.2	12.7	3.5	2.44	3	0.34	2.4	1.88	6.7	7.08	0.517	0.188	0.625	1.5	1.41	½
143T	5.6	2.25	7	6.18	14.6	3.5	2.75	4	0.34	2.46	2.25	6.7	7.08	0.771	0.188	0.875	2	1.41	¾
145T	5.6	2.25	7	6.18	14.6	3.5	2.75	5	0.34	2.46	2.25	6.7	7.08	0.771	0.188	0.875	2	1.41	¾
182T	7.2	2.75	8.5	6.5	18.8	4.5	3.75	4.5	0.41	2.98	2.75	9.25	9.25	0.986	0.25	1.125	2.5	1.78	¾
184T	7.2	2.75	8.5	6.5	18.8	4.5	3.75	5.5	0.41	2.98	2.75	9.25	9.25	0.986	0.25	1.125	2.5	1.78	¾
213T	7.5	3.5	9.5	8	20.5	5.25	4.25	5.5	0.41	3.66	3.38	9.84	10	1.201	0.312	1.375	3.12	2.41	1
215T	7.5	3.5	9.5	8	20.5	5.25	4.25	7	0.41	3.66	3.38	9.84	10	1.201	0.312	1.375	3.12	2.41	1

Single Phase Roll Steel Motors

C Face TEFC

Mounting and overall dimensions

TEFC 48C-215TC



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FRAME	AB	BA	MAX A	MAX B	C	D	E	2F	N-W	O	P	R	S	U	MIN.ES	MIN.AA	B F	MAX BB	MAX BD	BC	AH	AJ	AK
48C	5.3	2.5	6	3.8	10	3	2.12	2.75	1.5	5.83	5.66	0.453	—	0.5		1/2	1/4-20	0.16	5.625	0.19	1.69	3.75	3
56C	5.6	2.75	6.5	4.2	12.7	3.5	2.44	3	1.88	6.7	7.08	0.517	0.188	0.625	1.41	1/2	3/8-16	0.16	6.5	0.19	2.06	5.875	4.5
143TC	5.6	2.75	7	6.18	14.6	3.5	2.75	4	2.25	6.7	7.08	0.771	0.188	0.875	1.41	3/4	1/2-13	0.16	6.5	0.12	2.12	5.875	4.5
145TC	5.6	2.75	7	6.18	14.6	3.5	2.75	5	2.25	6.7	7.08	0.771	0.188	0.875	1.41	3/4	1/2-13	0.16	6.5	0.12	2.12	5.875	4.5
182TC	7.2	3.5	8.5	6.5	18.8	4.5	3.75	4.5	2.75	9.25	9.65	0.986	0.25	1.125	1.78	3/4	1/2-13	0.25	9	0.12	2.62	7.25	8.5
184TC	7.2	3.5	8.5	6.5	18.8	4.5	3.75	5.5	2.75	9.25	9.65	0.986	0.25	1.125	1.78	3/4	1/2-13	0.25	9	0.12	2.62	7.25	8.5
213TC	7.5	4.25	9.5	8	20.5	5.25	4.25	5.5	3.38	9.84	10	1.201	0.312	1.375	2.41	1	1/2-13	0.25	9	0.25	3.12	7.25	8.5
215TC	7.5	4.25	9.5	8	20.5	5.25	4.25	7	3.38	9.84	10	1.201	0.312	1.375	2.41	1	1/2-13	0.25	9	0.25	3.12	7.25	8.5