

Three Phase Roll Steel Motors

Foot Mount ODP

Applications:

General purpose use on pumps, fans, blowers, compressors, conveyors, and other industrial machinery installed in damp, dusty, or dirty environments. Additionally, cast iron frame motors may be suitable for the process industries.

Features:

- TEFC Roll Steel Construction
from 1/3HP - 20Hp
- 3600, 1800, 1200 RPM
- C-Flange With Welded Feet as Standard
- Open Drip Proof (Ip23)
- Class F Insulation System
- Class B Rise at Full Load
- F1, F2 Convertible
- 1.15 Service Factor @ 60 Hz
- 1.0 Service Factor @ 50 Hz
- Sealed Bearings thru 215T Frame
- 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 230/460V	SHIP WT. (lbs)
¼	3600	115/230	48	RT142D01	68.1	1.11/0.55	17
	1800	115/230	48	RT144D01	60.2	1.25/0.63	19
1/3	3600	115/230	48	RT132D01	72	1.15/0.57	21
		115/230	56	RT132D02	72	1.16/0.58	23
	1800	115/230	48	RT134D01	67	1.32/0.66	23
		115/230	56	RT134D02	67	1.38/0.67	22
½	3600	115/230	48	RT122D01	74	1.53/0.76	23
		115/230	56	RT122D02	74	1.61/0.81	26
	1800	115/230	48	RT124D01	70	1.7/0.85	26
		115/230	56	RT124D02	70	1.84/0.82	23
¾	3600	115/230	56	RT342D01	76	2.34/1.17	30
	1800	115/230	56	RT344D01	74	2.57/1.28	25
1	3600	115/230	56	RTP12D01	77	2.91/1.46	36
	1800	115/230	56	RTP14D01	85.5	2.94/1.47	40
1 ½	3600	115/230	143T	RTP322D01	84	3.91/1.96	45
	1800	115/230	145T	RTP324D01	86.5	4.2/2.1	48
2	3600	115/230	56	RTP22D01	85.5	5.24/2.62	40
		115/230	145T	RTP22D02	85.5	5.24/2.62	51
	1800	115/230	56	RTP24D01	86.5	5.58/2.78	75
		115/230	145T	RTP24D02	86.5	5.58/2.78	77
3	3600	230	182T	RTP32D01	85.5	7.34/3.67	81
	1800	230	182T	RTP34D01	89.5	7.52/3.76	75
5	3600	230	184T	RTP52D01	86.5	12.4/6.2	97
	1800	230	184T	RTP54D01	89.5	12.7/6.35	90
7 ½	3600	230	213T	RTP72D01	88.5	17.7/8.86	86
	1800	230	213T	RTP74D01	91	19/9.5	126
10	3600	230	215T	RTP102D01	89.5	23.9/12	130
	1800	230	215T	RTP104D01	91.7	25.3/12.7	135

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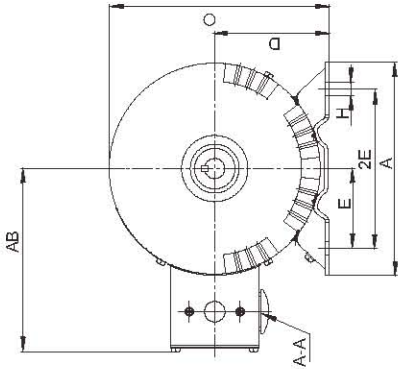
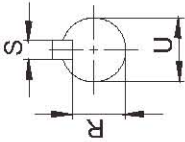
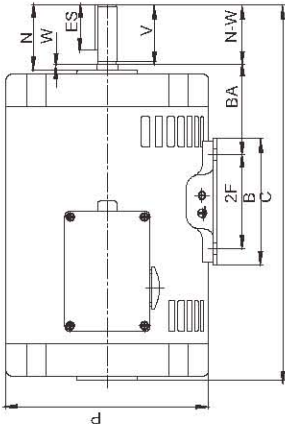
Three Phase Roll Steel Motors C Face ODP

HP	RPM	VOLTAGE	FRAME	CATALOG NUMBER		FULL EFF. 100%	FULL LOAD AMPS 230/460V	SHIP WT. (lbs)
				FOOTED	FOOTLESS			
¼	3600	115/230	48C	RT142D11	RT142D21	68.1	1.11/0.55	17
	1800	115/230	48C	RT144D11	RT144D21	60.2	1.25/0.63	19
1/3	3600	115/230	48C	RT132D11	RT132D21	72	1.15/0.57	21
		115/230	56C	RT132D12	RT132D22	72	1.16/0.58	23
	1800	115/230	48C	RT134D11	RT134D21	67	1.32/0.66	23
		115/230	56C	RT134D12	RT134D22	67	1.38/0.67	22
½	3600	115/230	48C	RT122D11	RT122D21	74	1.53/0.76	23
		115/230	56C	RT122D12	RT122D22	74	1.61/0.81	26
	1800	115/230	48C	RT124D11	RT124D21	70	1.7/0.85	26
		115/230	56C	RT124D12	RT124D22	70	1.84/0.82	23
¾	3600	115/230	56C	RT342D11	RT342D21	76	2.34/1.17	30
	1800	115/230	56C	RT344D11	RT344D21	74	2.57/1.28	25
1	3600	115/230	56C	RTP12D11	RTP12D21	77	2.91/1.46	39
	1800	115/230	56C	RTP14D11	RTP14D21	85.5	2.94/1.47	42
1 ½	3600	115/230	143TC	RTP322D11	RTP322D21	84	3.91/1.96	51
	1800	115/230	145TC	RTP324D11	RTP324D21	86.5	4.2/2.1	50
2	3600	115/230	145TC	RTP22D11	RTP22D21	85.5	5.24/2.62	55
	1800	115/230	145TC	RTP24D11	RTP24D21	85.5	5.24/2.62	52
3	3600	230	182TC	RTP32D11	RTP32D21	86.5	5.58/2.78	53
	1800	230	182TC	RTP34D11	RTP34D21	86.5	5.58/2.78	83
5	3600	230	184TC	RTP52D11	RTP52D21	85.5	7.34/3.67	76
	1800	230	184TC	RTP54D11	RTP54D21	89.5	7.52/3.76	98
7 ½	3600	230	213T	RTP72D11	RTP72D21	86.5	12.4/6.2	87
	1800	230	213T	RTP74D11	RTP74D21	89.5	12.7/6.35	128
10	3600	230	215T	RTP102D11	RTP102D21	88.5	17.7/8.86	123
	1800	230	215T	RTP104D11	RTP104D21	91	19/9.5	136

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Mounting and overall dimensions **48/215T**



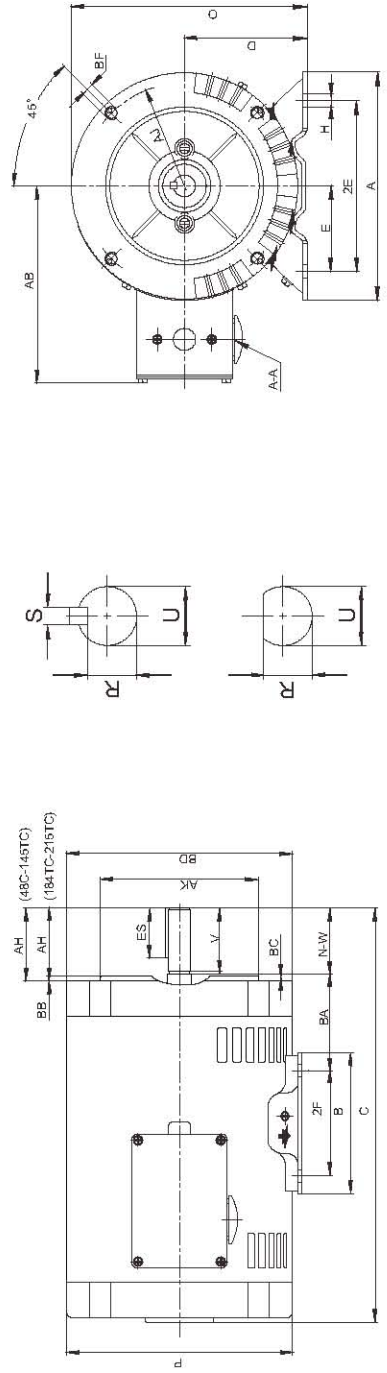
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FRAME	AB	BA	MAXA	MAXB	C	D	E	2F	N-W	O	P	R	S	U	MINES	MINAA	B F	MAXBB	MAXBD	BC	AH	AJ	AK
48	5.3	2.5	6	3.8	10	3	2.12	2.75	1.5	5.83	5.66	0.453	—	0.5		¾	¾-20	0.16	5.625	0.19	1.69	3.75	3
56	5.6	2.75	6.5	4.2	12.7	3.5	2.44	3	1.88	6.7	7.08	0.517	0.188	0.625	1.41	¾	3/8-16	0.16	6.5	0.19	2.06	5.875	4.5
143T	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	¾	¾-13	0.16	6.5	0.12	2.12	5.875	4.5
145T	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	¾	¾-13	0.16	6.5	0.12	2.12	5.875	4.5
182T	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	¾	¾-13	0.25	9	0.12	2.62	7.25	8.5
184T	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	¾	¾-13	0.25	9	0.12	2.62	7.25	8.5
213T	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	¾-13	0.25	9	0.25	3.12	7.25	8.5
215T	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	¾-13	0.25	9	0.25	3.12	7.25	8.5

Three Phase Roll Steel Motors

C Face ODP

Mounting and overall dimensions ODP 48C-215TC



FRAME	AB	BA	MAX A	MAX B	MAX BB	MAX BD	C	D	E	2F	H	N-W	O	P	R	S	U	MIN ES	MIN AA	AH	BF	BC	AJ	AK	MIN V
48C	5.3	2.5	6	3.8	0.16	5.625	10	3.0	2.12	2.75	0.34	1.5	5.83	5.66	0.453		0.5		1/2	1.69	1/4-20	0.19	3.75	3	1.125
56C	5.6	2.75	6.5	4.2	0.16	6.5	12.7	3.5	2.44	3	0.34	1.88	6.7	7.08	0.517	0.188	0.625	1.41	1/2	2.06	3/8-16	0.19	5.875	4.5	1.5
143TC	5.6	2.75	7	6.18	0.16	6.5	14.6	3.5	2.75	4	0.34	2.25	6.7	7.08	0.771	0.188	0.875	1.41	%	2.12	1/2-13	0.12	5.875	4.5	2.5
145TC	5.6	2.75	7	6.18	0.16	6.5	14.6	3.5	2.75	5	0.34	2.25	6.7	7.08	0.771	0.188	0.875	1.41	%	2.12	1/2-13	0.12	5.875	4.5	2.5
182TC	7.2	3.5	8.5	6.5	0.25	9	18.5	4.5	3.75	4.5	0.41	2.75	9.25	9.65	0.986	0.25	1.125	1.78	%	2.62	1/2-13	0.12	7.25	8.5	2.5
184TC	7.2	3.5	8.5	6.5	0.25	9	18.5	4.5	3.75	5.5	0.41	2.75	9.25	9.65	0.986	0.25	1.125	1.78	%	2.62	1/2-13	0.12	7.25	8.5	2.5
213TC	7.5	4.25	9.5	8	0.25	9	20.5	5.25	4.25	5.5	0.41	3.38	9.84	10.0	1.201	0.312	1.375	2.41	1	3.12	1/2-13	0.25	7.25	8.5	3.12
215TC	7.5	4.25	9.5	8	0.25	9	20.5	5.25	4.25	7.0	0.41	3.38	9.84	10.0	1.201	0.312	1.375	2.41	1	3.12	1/2-13	0.25	7.25	8.5	3.12