

Single Phase Roll Steel Motors

Foot Mount ODP

Applications:

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

Features:

- Roll Steel Construction from 1/3HP - 10Hp
- 3600, 1800, 1200 RPM
- C-Flange With Welded Foot as Standard
- Exceeds MG 1 Part 31
- Open Drip Proof (Ip23)
- Class F Insulation System
- Class B Rise at Full Load
- 1.15 Service Factor @ 60 Hz
- 1.0 Service Factor @ 50 Hz
- Sealed Bearings thru 215T Frame
- Stainless Steel Nameplate
- 40°C Ambient Continuous Duty



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Standard Full Line Motors



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HP	RPM	VOLTAGE	FRAME	CATALOG NUMBER	FULL EFF. 100%	FULL AMPS 115/230V	SHIP WT.
1/4	3600	115/230	48C	RS412D01	58	3.8/1.9	17
	1800	115/230	48C	RS144D01	61	4.6/2.3	19
1/3	3600	115/230	48C	RS132D01	62	4.8/2.4	18
		115/230	56C	RS132D02	58	5.2/2.6	20
	1800	115/230	48C	RS134D01	65	5.4/2.7	23
		115/230	56C	RS134D02	65	4.8/2.4	23
1/2	3600	115/230	48C	RS122D01	68	6.2/3.1	20
		115/230	56C	RS122D02	65	6.6/3.3	23
	1800	115/230	48C	RS124D01	69	7.6/3.8	26
		115/230	56C	RS124D02	69	6.4/3.2	26
3/4	3600	115/230	56C	RS342D01	70	8.6/4.3	28
	1800	115/230	56C	RS344D01	73	8.8/4.4	32
1	3600	115/230	56C	RS12D01	73	10.8/5.4	33
	1800	115/230	56C	RS14D01	75	11.2/5.6	35
1 1/2	3600	115/230	143TC	RS322D01	74	13.8/6.9	34
	1800	115/230	145TC	RS324D01	76	13.4/6.7	39
2	3600	115/230	145TC	RS22D01	76	18/9	40
	1800	115/230	145TC	RS24D01	77	17.8/8.9	47
3	3600	230	182TC	RS32D01	78	13.1	86
	1800	230	182TC	RS34D01	79	13.1	87
5	3600	230	184TC	RS52D01	80	21.3	97
	1800	230	184TC	RS54D01	82	20.8	100
7 1/2	3600	230	213T	RS72D01	83	30.9	150
	1800	230	213T	RS74D01	84	30.5	170
10	3600	230	215T	RS102D01	85	40.2	165
	1800	230	215T	RS104D01	86	41	185

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Single Phase Roll Steel Motors C Face ODP

HP	RPM	VOLTAGE	FRAME	CATALOG NUMBER		SF	FULL EFF. 100%	FULL LOAD AMPS 115/230V	WT.
				FOOTED	FOOTLESS				
¼	3600	115/230	48C	RS142D11	RS142D21	1.15	58	3.8/1.9	17
	1800	115/230	48C	RS144D11	RS144D21	1.15	61	4.6/2.3	19
1/3	3600	115/230	48C	RS132D11	RS132D21	1.15	62	4.8/2.4	18
	3600	115/230	56C	RS132D12	RS132D22	1.15	58	5.2/2.6	20
	1800	115/230	48C	RS134D11	RS134D21	1.15	65	5.4/2.7	23
	1800	115/230	56C	RS134D12	RS134D22	1.15	65	4.8/2.4	23
½	3600	115/230	48C	RS122D11	RS122D21	1.15	68	6.2/3.1	20
	3600	115/230	56C	RS122D12	RS122D22	1.15	65	6.6/3.3	23
	1800	115/230	48C	RS124D11	RS124D21	1.15	69	7.6/3.8	26
	1800	115/230	56C	RS124D12	RS124D22	1.15	69	6.4/3.2	26
¾	3600	115/230	56C	RS342D11	RS342D21	1.15	70	8.6/4.3	28
	1800	115/230	56C	RS344D11	RS344D21	1.15	73	8.8/4.4	32
1	3600	115/230	56C	RS12D11	RS12D21	1.15	73	10.8/5.4	33
	1800	115/230	56C	RS14D11	RS14D21	1.15	75	11.2/5.6	35
1 ½	3600	115/230	143TC	RS322D11	RS322D21	1.15	74	13.8/6.9	34
	1800	115/230	145TC	RS324D11	RS324D21	1.15	76	13.4/6.7	39
2	3600	115/230	145TC	RS22D11	RS22D21	1.15	76	18/9	40
	1800	115/230	145TC	RS24D11	RS24D21	1.15	77	17.8/8.9	47
3	3600	230	182TC	RS32D11	RS32D21	1.15	78	13.1	86
	1800	230	182TC	RS34D11	RS34D21	1.15	79	13	87
5	3600	230	184TC	RS52D11	RS52D21	1.15	80	21.3	87
	1800	230	184TC	RS54D11	RS54D21	1.15	82	20.8	100
7.5	3600	230	213T	RS72T11	RS72T21	1.15			
	1800	230	213T	RS74T11	RS74T21	1.15			
10	3600	230	215T	RS102T11	RS102T21	1.15			
	1800	230	215T	RS104T11	RS104T21	1.15			

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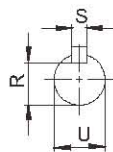
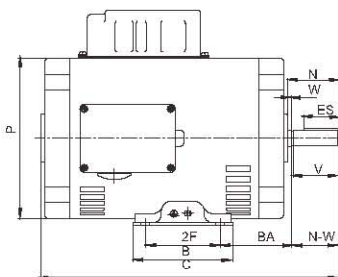
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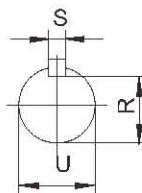
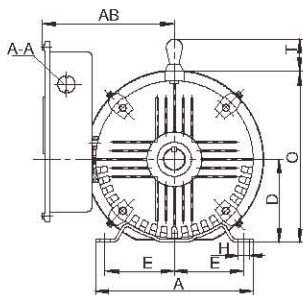
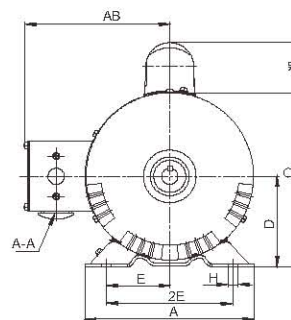
Foot Mount ODP

Mounting and overall dimensions

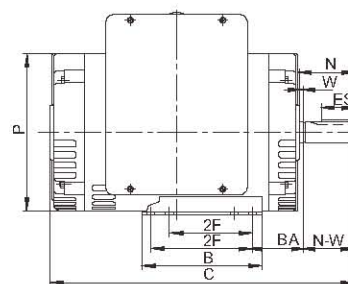
ODP 48-215T



48-56T



180-210T



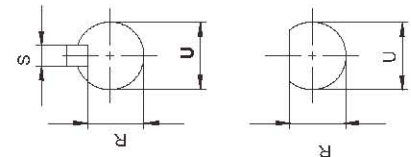
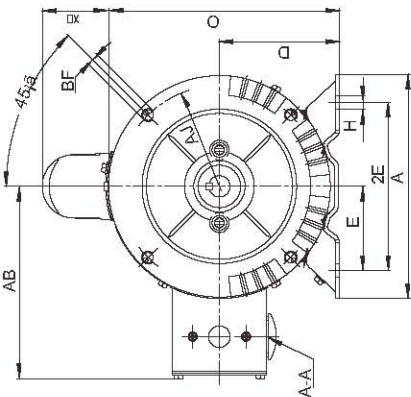
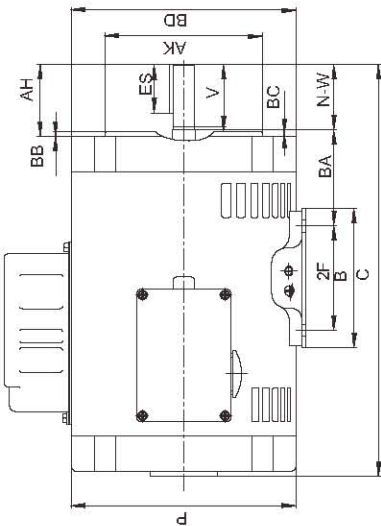
Frame size	AB	BA	MAX A	MAX B	C	D	E	2F	H	N	N-W	O	P	R	S	U	MIN V	MIN ES	MIN AA
48	5.3	2.5	6	3.8	10	3.	2.12	2.75	0.34	1.62	1.5	5.83	5.66	0.453		0.5	1.125		1/2
56	5.6	2.75	6.5	4.2	11.4	3.5	2.44	3	0.34	2.4	1.88	6.7	6.45	0.517	0.188	0.625	1.5	1.41	1/2
143T								4											
145T	5.6	2.25	7	6.18	13.3	3.5	2.75	5	0.34	2.46	2.25	6.7	6.45	0.771	0.188	0.875	2	1.41	3/4
182T								4.5											
184T	7.2	2.75	8.5	6.5	16.5	4.5	3.75	5.5	0.41	2.98	2.75	9.25	8.5	0.986	0.25	1.125	2.5	1.78	3/4
213T								5.5											
215T	7.5	3.5	9.5	8	18	5.25	4.25	7.0	0.41	3.66	3.38	9.84	9	1.201	0.312	1.375	3.12	2.41	1

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C Face ODP

Mounting and overall dimensions

ODP 48C-215TC



C	D	E	2F	N-W	O	P	R	S	U	MIN. ES	MIN. AA	BF	MAX BB	MAX BD	BC	AH	AJ	AK
10	3.0	2.12	2.75	1.5	5.83	5.66	0.453		0.5		1/2	1/2-20	0.16	5.625	0.19	1.69	3.75	3
11.4	3.5	2.44	3	1.88	6.7	6.45	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
13.3	3.5	2.75	4	2.25	6.7	6.45	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
13.3	3.5	2.75	5	2.25	6.7	6.45	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
16.5	4.5	3.75	4.5	2.75	9.25	8.5	0.986	0.25	1.125	1.78	3/4	1/2-13	0.25	9	0.12	2.62	7.25	8.5
16.5	4.5	3.75	5.5	2.75	9.25	8.5	0.986	0.25	1.125	1.78	3/4	1/2-13	0.25	9	0.12	2.62	7.25	8.5
18	5.25	4.25	5.5	3.38	9.84	9	1.201	0.312	1.375	2.41	1	1/2-13	0.25	9	0.25	3.12	7.25	8.5
18	5.25	4.25	7.0	3.38	9.84	9	1.201	0.312	1.375	2.41	1	1/2-13	0.25	9	0.25	3.12	7.25	8.5

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