



Capacitor-Start/Run NEMA Frame Cradle & Rigid Base-Mount Motors

- Rotation: CW/CCW
- Bearings: ball
- Max. ambient temp.: 40°C

These motors run with higher operating efficiency than standard capacitor-start motors. They power medium- to high-torque applications such as air conditioners, conveyors, fans, or pumps.

HP	Nameplate RPM	Frame	Motor Thermal Protection	Voltage	Full Load Amps	Motor Service Factor	Ins. Class	Nom. Efficiency†	Shaft Dia.	Shaft Length	Overall Length	Brand	Mfr. Model	Item No.
1-Speed														
Open Dripproof with Cradle Base-Mount 30PT82														
¼	3.450	482	Auto	115/230V AC	2.7/1.30	1.35	B	66.6 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT45	30PT45
	1.725	482	Auto	115/230V AC	3.1/1.50	1.35	B	68.5 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT46	30PT46
	1.725	482	None	115/230V AC	3.1/1.50	1.35	B	68.5 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT49	30PT49
	1.725	56	Auto	115/230V AC	3.1/1.50	1.35	B	68.5 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT47	30PT47
	1.725	56	None	115/230V AC	3.1/1.50	1.35	B	68.5 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT48	30PT48
	1.140	56	Auto	115/230V AC	3.7/1.90	1.35	B	62.2 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT50	30PT50
½	1.140	56	None	115/230V AC	3.7/1.90	1.35	B	62.2 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT51	30PT51
	3.450	482	Auto	115/230V AC	3.7/1.80	1.35	B	70.5 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT52	30PT52
	1.725	482	Auto	115/230V AC	3.8/1.90	1.35	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT55	30PT55
	1.725	482	None	115/230V AC	3.8/1.90	1.35	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT56	30PT56
	1.725	56	Auto	115/230V AC	4.0-3.8/2.0-1.90	1.35	B	70.2 %	¾ in	1 ½ in	10 ¾ in	Marathon	5KCR46JN0086X	1K101
	1.725	56	Auto	115/230V AC	3.9/1.9	1.35	B	72.4 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT54	30PT54
¾	1.725	56	Manual	115/230V AC	3.9/1.9	1.35	B	72.4 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT57	30PT57
	1.725	56	None	115/230V AC	3.8/1.90	1.35	B	72.4 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT53	30PT53
	1.140	56	Auto	115/230V AC	4.4/2.3	1.35	B	66.6 %	¾ in	1 ½ in	11 ½ in	Dayton	30PT59	30PT59
	1.140	56	None	115/230V AC	4.4/2.3	1.35	B	66.6 %	¾ in	1 ½ in	11 ½ in	Dayton	30PT58	30PT58
	3.450	482	None	115/230V AC	5.0/2.5	1.25	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT61	30PT61
	3.450	56	Auto	115/230V AC	5.0/2.5	1.25	B	72.4 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT60	30PT60
1	1.725	482	Auto	115/230V AC	5.0/2.6	1.25	B	76.2 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT65	30PT65
	1.725	482	None	115/230V AC	5.0/2.6	1.25	B	76.2 %	½ in	1 ½ in	10 ¾ in	Dayton	30PT64	30PT64
	1.725	56	Auto	115/230V AC	5.0/2.6	1.25	B	76.2 %	¾ in	1 ½ in	10 ¾ in	Dayton	30PT62	30PT62
	1.725	56H	Auto	115/230V AC	5.0/2.6	1.25	B	76.2 %	¾ in	1 ½ in	11 ½ in	Dayton	30PT66	30PT66
	1.140	56	Auto	115/230V AC	4.8/2.4	1.25	B	76.2 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT68	30PT68
	1.140	56	None	115/230V AC	4.8/2.4	1.25	B	76.2 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT67	30PT67
1 ½	3.450	56	Auto	115/230V AC	7.0/3.6	1.25	B	76.2 %	¾ in	1 ½ in	11 ¾ in	Dayton	30PT89	30PT89
	3.450	56	None	115/230V AC	7.0/3.6	1.25	B	76.2 %	¾ in	1 ½ in	11 ¾ in	Dayton	30PT90	30PT90
	1.725	56	Auto	115/230V AC	7.0/3.5	1.25	B	81.8 %	¾ in	1 ½ in	11 ¾ in	Dayton	30PT69	30PT69
	1.725	56	None	115/230V AC	7.0/3.5	1.25	B	81.8 %	¾ in	1 ½ in	11 ¾ in	Dayton	30PT70	30PT70
	1.725	56H	Auto	115/230V AC	7.0/3.5	1.25	B	81.8 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT71	30PT71
	1.140	56	Auto	115/230V AC	6.6/3.4	1.15	B	80.2 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT73	30PT73
2	1.140	56	None	115/230V AC	7.4/3.7	1.15	B	80.2 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT72	30PT72 †
	3.450	56	Auto	115/230V AC	9.3/4.3	1.25	B	80.4 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT74	30PT74
	3.450	56	None	115/230V AC	9.3/4.3	1.25	B	80.4 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT75	30PT75
	1.725	56	Auto	115/230V AC	8.8/4.4	1.15	B	82.6 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT77	30PT77
	1.725	56	None	115/230V AC	8.8/4.4	1.15	B	82.6 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT76	30PT76
	1.725	56H	Auto	115/230V AC	11.8-11.4/5.9-5.7	1.15	B	77.4 %	¾ in	1 ½ in	12 ¾ in	Marathon	5KCR48UN0105X	1K107
3	1.725	56H	Auto	115/230V AC	8.8/4.4	1.15	B	82.6 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT78	30PT78
	1.140	56	Auto	115/230V AC	8.9/4.6	1.15	B	81.1 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT79	30PT79 †
	1.140	56	None	115/230V AC	8.9/4.6	1.15	B	81.1 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT91	30PT91 †
	3.450	56	Auto	115/230V AC	13.3/6.7	1.15	B	81.5 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT80	30PT80
	3.450	56	None	115/230V AC	13.3/6.7	1.15	B	81.5 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT88	30PT88
	1.725	56	Auto	115/230V AC	13.4/6.7	1.15	B	83.8 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT82	30PT82
4	1.725	56	None	115/230V AC	13.4/6.7	1.15	B	83.8 %	¾ in	1 ½ in	12 ¾ in	Dayton	30PT81	30PT81
	1.725	56H	Auto	115/208-230V AC	16.4/8.4-8.2	1.15	B	77 %	¾ in	1 ½ in	11 ½ in	Marathon	5KCR49SN0150X	46N404
	1.725	56H	Auto	115/230V AC	13.4/6.7	1.15	B	83.8 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT83	30PT83
	3.450	56H	Auto	115/230V AC	17.3/8.7	1.15	B	82.9 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT84	30PT84
	3.450	56H	None	115/230V AC	17.3/8.7	1.15	B	82.9 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT85	30PT85
	1.725	56H	Auto	115/230V AC	17.0/8.5	1.15	B	84.5 %	¾ in	1 ½ in	13 ¾ in	Dayton	30PT86	30PT86
Open Dripproof with Rigid Base-Mount 6K854														
¼	1.725	48	Auto	115/208-230V AC	2.4/1.20-1.20	1.35	B	68.5 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL63	20CL63
	1.725	56	Auto	115/208-230V AC	2.4/1.20-1.20	1.35	B	68.5 %	¾ in	1 ½ in	10 ¾ in	Dayton	20VD04	20VD04
	1.725	56	None	115/208-230V AC	2.4/1.20-1.20	1.35	B	68.5 %	¾ in	1 ½ in	10 ¾ in	Dayton	20VD11	20VD11
	1.140	56	None	115/208-230V AC	2.4/1.20-1.20	1.35	B	62.2 %	¾ in	1 ½ in	12 in	Dayton	20VD16	20VD16
	3.450	48	Auto	115/208-230V AC	3.0/1.60-1.50	1.35	B	70.5 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL57	20CL57
	1.725	48	Auto	115/208-230V AC	3.8/1.90-1.90	1.35	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL64	20CL64
½	1.725	48	None	115/208-230V AC	3.8/1.90-1.90	1.35	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL61	20CL61
	1.725	56	Auto	115/208-230V AC	3.8/1.90-1.90	1.35	B	72.4 %	¾ in	1 ½ in	11 in	Dayton	20VD07	20VD07
	1.725	56	Manual	115/208-230V AC	3.8/1.90-1.90	1.35	B	72.4 %	¾ in	1 ½ in	11 in	Dayton	20VD09	20VD09
	1.725	56	None	115/208-230V AC	3.8/1.90-1.90	1.35	B	72.4 %	¾ in	1 ½ in	11 in	Dayton	20VD05	20VD05
	1.140	56	None	115/208-230V AC	3.4/1.80-1.70	1.35	B	66.6 %	¾ in	1 ½ in	12 in	Dayton	31TR95	31TR95
	3.450	48	Auto	115/208-230V AC	4.2/2.4-2.2	1.25	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL53	20CL53
¾	3.450	48	Manual	115/208-230V AC	4.2/2.4-2.2	1.25	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL62	20CL62
	3.450	48	None	115/208-230V AC	4.2/2.4-2.2	1.25	B	72.4 %	½ in	1 ½ in	10 ¾ in	Dayton	20CL54	20CL54
	3.450	56	Auto	115/208-230V AC	4.2/2.4-2.2	1.25	B	72.4 %	¾ in	2 in	11 in	Dayton	20VD17	20VD17
	3.450	56	Manual	115/208-230V AC	4.2/2.4-2.2	1.25	B	72.4 %	¾ in	1 ½ in	11 in	Dayton	20VD18	20VD18
	3.450	56	None	115/208-230V AC	4.2/2.4-2.2	1.25	B	72.4 %	¾ in	1 ½ in	11 in	Dayton	20VD19	20VD19
	1.725	48	Auto	115/208-230V AC	4.6/2.4-2.3	1.25	B	76.2 %	½ in	1 ½ in	11 ½ in	Dayton	20CL56	20CL56
1	1.725	48	None	115/208-230V AC	4.6/2.4-2.3	1.25	B	76.2 %	½ in	1 ½ in	11 ½ in	Dayton	20CL60	20CL60
	1.725	56	Auto	115/208-230V AC	4.6/2.4-2.3	1.25	B	76.2 %	¾ in	1 ½ in	11 ½ in	Dayton	20VD08	20VD08
	1.725	56	Manual	115/208-230V AC	4.6/2.4-2.3	1.25	B	76.2 %	¾ in	1 ½ in	11 ½ in	Dayton	20VD10	20VD10
	1.725	56	None	115/208-230V AC	4.6/2.4-2.3	1.25	B	76.2 %	¾ in	1 ½ in	11 ½ in	Dayton	20VD06	20VD06
	1.140	56	None	115/208-230V AC	5.6/3.0-2.8	1.25	B	76.2 %	¾ in	1 ½ in	12 ¾ in	Dayton	31TR96	31TR96

† Cradle with studs in a 4 1/8" square pattern. ‡ See page 5 for 2015 Energy Conservation Standards for Small Electric Motors information.

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