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PSC Direct-Drive Blower/Fan Motors

- Rotation: CW/CCW, except 7E667 is CWSE
 - Thermal protection: auto
 - Service factor: 1.0
 - Insulation: Class B
 - Bearings: sleeve, except 3LU87 to 3LU90, 7E678, 6GC95 are ball
 - Body dia.: 5 3/8"
 - Duty: continuous
 - Ring dia.: 2 1/4"
 - Stud pattern: 3 3/8" x 3 3/8"
- Motors have quick-reversing leads. Energy-efficient models feature a

typical energy savings of 10% over standard-efficiency motors. Dayton motors include split ring adapter. Capacitor mounting hardware sold separately on Grainger.com. T-Flex Bracket 2MEY7 (included with 7E647 to 7E682) helps isolate and prevent torsional vibrations from reaching blower housing and causing noise. No preassembly; bracket clamps to motor shell. Included plastic inserts aid in adapting bracket to a NEMA 42 frame.

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Ring to Ring Center	Shaft Dia.	Shaft Length	Length Less Shaft	Max. Ambient Temp.	Brand	Mfr. Model	Item No.	Capacitor Req.
3-Speed, Open Air-Over, Stud Mounting, Standard Efficient													
1/4	1,075	48	115V AC	4.1	4 1 1/8 in	1/2 in	4 1/2 in	5 3/8 in	40 °C	Century	DL1026	4KA32	2MDV4
	1,075	48	208-230V AC	2.00	4 1 1/8 in	1/2 in	4 1/2 in	5 3/8 in	40 °C	Century	D1026	4KA33	2MDV4
1/3	1,075	48	115V AC	5.0	5 1/8 in	1/2 in	4 1/2 in	5 1/2 in	40 °C	Century	DL1036	4KA34	2MDV6
	1,075	48	208-230V AC	2.1	4 1 1/8 in	1/2 in	4 1/2 in	5 3/8 in	40 °C	Century	D1036	4KA35	2MDV4
1/2	1,075	48	115V AC	7.0	5 3/8 in	1/2 in	4 1/2 in	6 in	40 °C	Century	DL1056	4KA36	2MDV7
	1,075	48	208-230V AC	3.6	5 3/8 in	1/2 in	4 1/2 in	5 1/2 in	40 °C	Century	D1056	4KA37	2MDV6
3/4	1,075	48	115V AC	9.1	6 3/8 in	1/2 in	4 1/2 in	6 3/8 in	50 °C	Century	DL1076	4KA38	2MDV9
	1,075	48	208-230V AC	5.1	6 3/8 in	1/2 in	4 1/2 in	6 3/8 in	40 °C	Century	D1076	4KA39	2MDV7

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Ring to Ring Center	Shaft Dia.	Shaft Length	Length Less Shaft	Max. Ambient Temp.	Brand	MOTOR ONLY Item No.	MOTOR W/2MEY7* T-Flex Bracket Item No.	Capacitor Req.
3-Speed, Open Air-Over, Ring/Stud Mounting Standard Efficient													
1/4	1,075	48YZ	115V AC	4.2	4 3/4 in	1/2 in	4 in	5 3/8 in	40 °C	Dayton	—	7E647	2MDV4
	1,075	48YZ	208-230V AC	1.5	5 1/4 in	1/2 in	4 in	5 1 1/8 in	40 °C	Dayton	—	7E648	2MDV4
1/3	1,075	48YZ	115V AC	5.0	5 1/4 in	1/2 in	4 in	5 1 1/8 in	40 °C	Dayton	—	7E649	2MDV4
	1,075	48YZ	208-230V AC	2.4-2.4	5 1/4 in	1/2 in	4 in	5 1 1/8 in	40 °C	Dayton	—	7E650	2MDV4
1/2	1,075	48YZ	115V AC	9.0	6 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	—	7E651	2MDV4
	1,075	48YZ	208-230V AC	4.0-4.0	5 3/4 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	—	7E652	2MDV4
3/4	1,075	48YZ	115V AC	11.5	6 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	—	7E653	2MDV9
	1,075	48YZ	208-230V AC	4.6	6 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	—	7E654	2MDV7

3-Speed, Open Air-Over, Stud Mounting Energy Efficient													
1/6	1,075	48YZ	277V AC	0.9	4 3/4 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	6GC93	7E657	2MDV3
	1,625	48YZ	115V AC	3.4	5 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	3LU73	7E658	2MDV7
1/4	1,625	48YZ	208-230V AC	1.75-1.75	5 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	3LU74	7E659	2MDV4
	1,075	48YZ	277V AC	2.0	5 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	3M712	7E662	2MDV3
1/3	1,625	48YZ	115V AC	5.1	5 1/4 in	1/2 in	6 in	5 1 1/8 in	40 °C	Dayton	3LU77	7E663	2MDV9
	1,625	48YZ	208-230V AC	2.2-1.90	5 3/4 in	1/2 in	6 in	6 1/8 in	40 °C	Dayton	3LU78	7E664	2MDV6
1/2	1,075	48YZ	277V AC	2.2	5 3/4 in	1/2 in	6 in	6 1/8 in	40 °C	Dayton	3M713	7E667	2MDV3
	1,625	48YZ	115V AC	5.5	5 3/4 in	1/2 in	6 in	6 1/8 in	40 °C	Dayton	3LU81	7E668	2MDV9
3/4	1,625	48YZ	208-230V AC	4.0-4.5	5 3/4 in	1/2 in	6 in	6 1/8 in	40 °C	Dayton	3LU82	7E669	2MDV6
	1,075	48YZ	277V AC	2.6	6 in	1/2 in	6 in	6 1 3/8 in	40 °C	Dayton	3M714	7E672	2MDV5
1	1,625	48YZ	115V AC	8.8	6 1/4 in	1/2 in	6 in	6 2 1/8 in	40 °C	Dayton	3LU85	7E673	2MDV9
	1,625	48YZ	208-230V AC	4.4-4.2	5 1 1/8 in	1/2 in	6 in	6 1/8 in	40 °C	Dayton	3LU86	7E674	2MDV7
1	1,075	48YZ	277V AC	4.1	6 3/4 in	1/2 in	6 in	7 3/8 in	40 °C	Dayton	6GC94	7E677	2MDV9
	1,625	48YZ	115V AC	10	6 3/4 in	1/2 in	6 in	7 3/8 in	40 °C	Dayton	3LU89	7E678	2MDW3
1	1,625	48YZ	208-230V AC	6.8-6.0	7 in	1/2 in	6 in	7 1/8 in	40 °C	Dayton	3LU90	7E679	2MDW2
	1,075	48YZ	277V AC	6.9	6 1 1/8 in	1/2 in	6 1/4 in	7 1 1/8 in	40 °C	Dayton	6GC95	7E682	2MDW4

Standard Efficient													
1/4	1,075	48YZ	115V AC	4.2	4 3/4 in	1/2 in	4 in	5 3/8 in	40 °C	Dayton	4M096	—	2MDV4
	1,075	48YZ	208-230V AC	1.5	5 1/4 in	1/2 in	4 in	5 1 1/8 in	40 °C	Dayton	4M097	—	2MDV4
1/3	1,075	48YZ	115V AC	5.0	5 1/4 in	1/2 in	4 in	5 1 1/8 in	40 °C	Dayton	4M098	—	2MDV4
	1,075	48YZ	208-230V AC	2.4-2.4	5 1/4 in	1/2 in	4 in	5 1 1/8 in	40 °C	Dayton	4M099	—	2MDV4
1/2	1,075	48YZ	115V AC	9.0	6 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	4M100	—	2MDV4
	1,075	48YZ	208-230V AC	4.0-4.0	5 3/4 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	4M101	—	2MDV4
3/4	1,075	48YZ	115V AC	11.5	6 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	4M183	—	2MDV9
	1,075	48YZ	208-230V AC	4.6	6 in	1/2 in	4 in	6 1/8 in	40 °C	Dayton	4M184	—	2MDV7

4-Speed, Open Air-Over, Stud Mounting Energy Efficient													
1/6	1,075	48YZ	115V AC	2.7	4 3/4 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	3LU71	7E655	2MDV3
	1,075	48YZ	208-230V AC	1.20-1.13	5 in	1/2 in	5 1 1/8 in	5 1 3/8 in	40 °C	Dayton	3LU72	7E656	2MDV4
1/4	1,075	48YZ	115V AC	3.8	5 3/8 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	3LU75	7E660	2MDV4
	1,075	48YZ	208-230V AC	1.80-1.70	5 in	1/2 in	6 in	5 3/8 in	40 °C	Dayton	3LU76	7E661	2MDV4
1/3	1,075	48YZ	115V AC	4.6	5 1/2 in	1/2 in	6 in	5 1 1/8 in	40 °C	Dayton	3LU79	7E665	2MDV6
	1,075	48YZ	208-230V AC	3.1-2.9	5 3/4 in	1/2 in	5 1 1/8 in	6 3/8 in	40 °C	Dayton	3LU80	7E666	2MDV5
1/2	1,075	48YZ	115V AC	7.1	5 3/4 in	1/2 in	6 in	6 3/8 in	40 °C	Dayton	3LU83	7E670	2MDV6
	1,075	48YZ	208-230V AC	3.3-3.1	6 in	1/2 in	6 in	6 1/8 in	40 °C	Dayton	3LU84	7E671	2MDV6
3/4	1,075	48YZ	115V AC	10.6	6 1/2 in	1/2 in	6 in	6 1 1/8 in	40 °C	Dayton	3LU87	7E675	2MDV9
	1,075	48YZ	208-230V AC	6.1-5.8	6 1/2 in	1/2 in	6 in	6 1 1/8 in	40 °C	Dayton	3LU88	7E676	2MDV7
1	1,075	48YZ	115V AC	15.8	7 in	1/2 in	6 in	7 1/8 in	40 °C	Dayton	3LU91	7E680	2MDW2
	1,075	48YZ	208-230V AC	6.8-5.8	7 in	1/2 in	6 in	7 1/8 in	40 °C	Dayton	3LU92	7E681	2MDW2

For NEMA Frame			For Motor Diameter			Brand		Item No.
Motor Mounting Bracket Kit NEMA 42, NEMA 48			5 in to 5 5/8 in			Dayton		2MEY7

*See above for details on T-Flex Bracket 2MEY7.