

## PSC Direct-Drive Blower/Fan Motors

- Enclosure: open air-over
- Rotation: CW/CCW
- Thermal protection: auto
- Service factor: 1.0
- Insulation: Class B
- Mounting: ring/stud/band
- Bearings: sleeve, except No. 3LU87, 3LU89, and 3LU90 are ball
- Body dia.: 5 5/8"
- Duty: continuous
- Ring dia.: 2 1/4"
- Stud pattern: 3 5/8" x 3 5/8"

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®. Motors are UL Recognized and CSA Certified.



No. 4M098



T-Flex Bracket  
No. 2MEY7  
(Included w/Nos.  
7E647-7E682)



No. 3LU92

HP	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.
<b>Standard Efficient</b>													
<b>2 Speed</b>													
1/4	1075	48Y	115	3.5	4 1/16"	1/2"	4"	5 1/8"	40°C	Century	DL001	<b>4KA24</b>	2MDV4
	1075	48Y	208-230	1.8	4 1/16"	1/2"	4"	5 1/8"	40°C	Century	D0002	<b>4KA25</b>	2MDV4
1/3	1075	48Y	115	4.9	4 1/16"	1/2"	4"	5 3/8"	40°C	Century	DL003	<b>4KA26</b>	2MDV6
	1075	48Y	208-230	2.6	4 1/16"	1/2"	4"	5 3/8"	40°C	Century	D0004	<b>4KA27</b>	2MDV4
1/2	1075	48Y	115	6.5	5 1/16"	1/2"	4"	5 7/8"	40°C	Century	DL005	<b>4KA28</b>	2MDV7
	1075	48Y	208-230	3.2	5 1/16"	1/2"	4"	5 7/8"	40°C	Century	D0006	<b>4KA29</b>	2MDV6
3/4	1075	48Y	115	8.9	6 3/16"	1/2"	4"	6 3/8"	50°C	Century	DL007	<b>4KA30</b>	2MDV9
	1075	48Y	208-230	4.0	6 3/16"	1/2"	4"	6 3/8"	40°C	Century	D0008	<b>4KA31</b>	2MDV7

HP	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/ NO. 2MEY7* T-Flex Bracket Item No.	Capacitor Req.
<b>Standard Efficient</b>													
<b>3 Speed</b>													
1/4	1075	48YZ	115	4.2	4 3/4"	1/2"	4"	5 3/8"	40°C	Dayton	<b>4M096</b>	<b>7E647</b>	2MDV4
	1075	48YZ	208-230	1.5	5 1/4"	1/2"	4"	5 1/16"	40°C	Dayton	<b>4M097</b>	<b>7E648</b>	2MDV4
1/3	1075	48YZ	115	5.0	5 1/4"	1/2"	4"	5 1/16"	40°C	Dayton	<b>4M098</b>	<b>7E649</b>	2MDV4
	1075	48YZ	208-230	2.4-2.4	5 1/4"	1/2"	4"	5 1/16"	40°C	Dayton	<b>4M099</b>	<b>7E650</b>	2MDV4
1/2	1075	48YZ	115	9.0	6"	1/2"	4"	6 1/8"	40°C	Dayton	<b>4M100</b>	<b>7E651</b>	2MDV4
	1075	48YZ	208-230	4.0-4.0	5 3/4"	1/2"	4"	6 3/8"	40°C	Dayton	<b>4M101</b>	<b>7E652</b>	2MDV4
3/4	1075	48YZ	115	11.5	6"	1/2"	4"	6 1/8"	40°C	Dayton	<b>4M183</b>	<b>7E653</b>	2MDV9
	1075	48YZ	208-230	4.6	6"	1/2"	4"	6 1/8"	40°C	Dayton	<b>4M184</b>	<b>7E654</b>	2MDV7
<b>Energy Efficient</b>													
1/6	1075	48YZ	277	0.9	4 3/4"	1/2"	6"	5 3/8"	40°C	Dayton	<b>66C93</b>	<b>7E657</b>	2MDV3
	1625	48YZ	115	3.4	5"	1/2"	6"	5 1/8"	40°C	Dayton	<b>3LU73</b>	<b>7E658</b>	2MDV7
1/4	1625	48YZ	208-230	1.75-1.75	5"	1/2"	6"	5 1/8"	40°C	Dayton	<b>3LU74</b>	<b>7E659</b>	2MDV4
	1075	48YZ	277	2.0	5"	1/2"	6"	5 1/8"	40°C	Dayton	<b>3M712</b>	<b>7E662</b>	2MDV3
1/3	1625	48YZ	115	5.1	5 1/4"	1/2"	6"	5 1/16"	40°C	Dayton	<b>3LU77</b>	<b>7E663</b>	2MDV9
	1625	48YZ	208-230	1.9-2.2	5 3/4"	1/2"	6"	6"	40°C	Dayton	<b>3LU78</b>	<b>7E664</b>	2MDV6
1/2	1075	48YZ	277	2.2	5 3/4"	1/2"	6"	6 3/8"	40°C	Dayton	<b>3M713</b>	<b>7E667</b>	2MDV3
	1625	48YZ	115	5.5	5 3/4"	1/2"	6"	6 3/8"	40°C	Dayton	<b>3LU81</b>	<b>7E668</b>	2MDV9
3/4	1625	48YZ	208-230	4.0-4.5	5 3/4"	1/2"	6"	6 3/8"	40°C	Dayton	<b>3LU82</b>	<b>7E669</b>	2MDV6
	1075	48YZ	277	2.6	6"	1/2"	6"	6 1/8"	40°C	Dayton	<b>3M714</b>	<b>7E672</b>	2MDV5
1	1650	48YZ	115	8.8	6 1/4"	1/2"	6"	6 2 1/2"	40°C	Dayton	—	<b>7E673</b>	2MDV9
	1625	48YZ	115	8.8	6 1/4"	1/2"	6"	6 2 1/2"	40°C	Dayton	<b>3LU85</b>	—	2MDV9
3/4	1625	48YZ	208-230	4.4-4.2	5 1/4"	1/2"	6"	6 1/8"	40°C	Dayton	<b>3LU86</b>	<b>7E674</b>	2MDV7
	1075	48YZ	277	4.1	6 3/4"	1/2"	6"	7 5/8"	40°C	Dayton	<b>66C94</b>	<b>7E677</b>	2MDV9
1	1625	48YZ	115	10	6 3/4"	1/2"	6"	7 5/8"	40°C	Dayton	<b>3LU89</b>	<b>7E678</b>	2MDV3
	1625	48YZ	208-230	6.0-6.8	7"	1/2"	6"	7 1/8"	40°C	Dayton	<b>3LU90</b>	<b>7E679</b>	2MDV2
3/4	1075	48YZ	277	6.9	6 1/4"	1/2"	6"	7 1/8"	40°C	Dayton	<b>66C95</b>	<b>7E682</b>	2MDV4
<b>4 Speed</b>													
1/6	1075	48YZ	115	2.7	4 3/4"	1/2"	6"	5 3/8"	40°C	Dayton	<b>3LU71</b>	<b>7E655</b>	2MDV3
	1075	48YZ	208-230	1.13-1.2	5"	1/2"	5 1/16"	5 1/8"	40°C	Dayton	<b>3LU72</b>	<b>7E656</b>	2MDV4
1/4	1075	48YZ	115	3.8	5 5/8"	1/2"	6"	5 3/8"	40°C	Dayton	<b>3LU75</b>	<b>7E660</b>	2MDV4
	1075	48YZ	208-230	1.8-1.7	5"	1/2"	6"	5 1/8"	40°C	Dayton	<b>3LU76</b>	<b>7E661</b>	2MDV4
1/3	1075	48YZ	115	4.6	5 1/2"	1/2"	6"	5 1/16"	40°C	Dayton	<b>3LU79</b>	<b>7E665</b>	2MDV6
	1075	48YZ	208-230	2.9-3.14	5 3/4"	1/2"	5 1/16"	6 5/8"	40°C	Dayton	<b>3LU80</b>	<b>7E666</b>	2MDV5
1/2	1075	48YZ	115	7.1	5 3/4"	1/2"	6"	6 5/8"	40°C	Dayton	<b>3LU83</b>	<b>7E670</b>	2MDV6
	1075	48YZ	208-230	3.3-3.1	6"	1/2"	6"	6 1/8"	40°C	Dayton	<b>3LU84</b>	<b>7E671</b>	2MDV6
3/4	1075	48YZ	115	10.6	6 1/2"	1/2"	6"	6 1/8"	40°C	Dayton	<b>3LU87</b>	<b>7E675</b>	2MDV9
	1075	48YZ	208-230	6.1-5.8	6 1/2"	1/2"	6"	6 1/8"	40°C	Dayton	<b>3LU88</b>	<b>7E676</b>	2MDV7
1	1075	48YZ	115	15.8	7"	1/2"	6"	7 1/8"	40°C	Dayton	<b>3LU91</b>	<b>7E680</b>	2MDW2
	1075	48YZ	208-230	5.8-6.8	7"	1/2"	6"	7 1/8"	40°C	Dayton	<b>3LU92</b>	<b>7E681</b>	2MDW2

\*For details on Bracket No. 2MEY7 go to Grainger.com®.

## Find Your Replacement Motor on Grainger.com®

Use our online MotorMatch® product selection guide to quickly and easily find the motor that meets your exact specifications. Drop-down menus for Horsepower, Nameplate RPM, Voltage, Enclosure, Motor Type, Mounting Preference, Bearing Type, and other options help narrow your search from thousands of choices.

Go to [grainger.com/motors](http://grainger.com/motors) to locate your new or replacement motor today.