

Low Cost PMDC - Round Sided



49.9mm Series

Applications

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|------------------|----------------------------|
| * Vacuum Cleaner | * Compressor/Bilge Blower |
| * String Trimmer | * Drill |
| * Traffic Light | * Toy |
| * Joystick | * Air Pump |
| * ABS | * Pollution Control Device |
| * Door Opener | * Windshield Wiper |



Specification

Model No.	Voltage		No-Load		At Maximum Efficiency					Stall Torque
	Operating Range	Nominal	Speed	Current	Speed	Current	Torque	Output	Efficiency	
	V	V	RPM	A	RPM	A	gf.cm	W	%	
PL50RS7-20-82	12.0~30.0	20.0	1880	0.15	1540	0.67	510.00	8.21	61.0	2831
PL50RS7-12-311	12.0~30.0	12.0	5110	1.03	4190	4.48	710.00	31.1	58.0	3944
PL50RS7-14-2262	10.0~15.0	14.0	21200	4.18	18300	24.5	1183.00	226.2	66.0	8453
PL50RS7-12-1504	15.0~15.0	12.0	14200	2.93	12200	18.6	1180.00	150.4	68.0	8426

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	V	V	RPM	A	RPM	A	gf.cm	W	%	
PL50RS12-230-870	100~230	230.0	16350	0.15	1328	0.59	650.00	87	64.2	3200
PL50RS12-120-1260	100~230	120.0	12000	0.22	10134	1.2	1213.00	126	88.0	7800
PL50RS12-12-1047	12.0~230	12.0	13700	3	11200	13.3	892.00	104.7	64.0	4954
PL50RS12-13-2038	12.0~230	13.0	19000	5.91	15400	24	1266.00	203.8	65.0	6665

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	V	V	RPM	A	RPM	A	gf.cm	W	%	
PL50RF3-12-189	10.0~30.0	12.0	2450	0.4	2090	2.37	865.00	18.9	66.0	5765
PL50RF3-24-502	10.0~30.0	24.0	5450	0.42	4740	2.91	1011.00	50.2	72.0	7776
PL50RF3-12-437D	10.0~30.0	12.0	5350	0.93	4550	5.48	918.00	43.7	67.0	6121
PL50RF3-12-2217V	10.0~30.0	12.0	18300	4.27	15900	27.5	1330.00	221.7	67.0	10230

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	V	V	RPM	A	RPM	A	gf.cm	W	%	
PL50RS12-230-820	12.0~230	230.0	9070	0.06	7894	0.42	1012.00	82	85.7	7809
PL50RS12-13-654	12.0~250	13.0	6280	0.99	5530	7.06	1131.00	65.4	71.0	9421
PL50RS12-13-740	12.0~230	13.0	7150	1.13	6290	8.12	1125.00	74	70.0	9371

