



■ FDD52 Series

■ FDD60 Series

■ FDD80 Series

■ FDD90 Series

■ FDK115 Series

PMDC Motor Typical Motor Performance(DC Permanent Magnet)

MODEL	Rated						weight (Kg)	Flange Size (mm)	Housing Size (mm)
	Voltage (V)	Output (W)	Current (A)	Speed (RPM)	Torque (kgf-cm)	Rating			
FDD52-F012005	12	5	0.56	3000	0.16	cont	0.4	∅ 52	∅ 52 x 77
FDD52-F012010	12	10	1.11	3000	0.32	cont	0.5	∅ 52	∅ 52 x 84
FDD52-F024010	24	10	0.56	3000	0.32	cont	0.5	∅ 52	∅ 52 x 84
FDD52-F024015	24	15	0.83	3000	0.49	cont	0.5	∅ 52	∅ 52 x 84
FDD52-F090010	90	10	0.15	3000	0.32	cont	0.4	∅ 52	∅ 52 x 77
FDD52-F090025	90	25	0.37	3000	0.81	cont	0.5	∅ 52	∅ 52 x 84
FDD60-F012010	12	10	1.2	3000	0.32	cont	0.8	□ 60	∅ 60 x 89
FDD60-F012015	12	15	1.8	3000	0.49	cont	1.0	□ 60	∅ 60 x 99
FDD60-F024030	24	30	1.8	3000	0.97	cont	1.0	□ 60	∅ 60 x 99
FDD60-F024050	24	50	3.0	3000	1.62	cont	1.2	□ 60	∅ 60 x 109
FDD60-F090050	90	50	0.8	3000	1.62	cont	1.0	□ 60	∅ 60 x 99
FDD60-F090080	90	80	1.2	3000	2.60	cont	1.2	□ 60	∅ 60 x 109
FDD80-F012025	12	25	2.5	3000	0.78	cont	1.5	□ 80	∅ 80 x 122
FDD80-F012040	12	40	4.2	3000	1.3	cont	1.9	□ 80	∅ 80 x 142
FDD80-F024040	24	40	2	3000	1.3	cont	1.9	□ 80	∅ 80 x 142
FDD80-F024060	24	60	3.2	3000	1.9	cont	1.9	□ 80	∅ 80 x 142
FDD80-F090060	90	60	0.95	3000	1.9	cont	1.9	□ 80	∅ 80 x 142
FDD80-F180090	180	90	0.7	3000	2.9	cont	2	□ 80	∅ 80 x 142
FDD80-F220120	220	120	0.72	3000	3.89	cont	1.9	□ 80	∅ 80 x 142
FDD90-F012040	12	40	4.2	3000	1.3	cont	2.1	□ 90	∅ 80 x 142
FDD90-F012090	12	90	10	3000	2.9	1 hour	2.9	□ 90	∅ 80 x 160
FDD90-F012120	12	120	12.5	3000	3.9	1 hour	3.2	□ 90	∅ 80 x 185
FDD90-F024060	24	90	3.2	3000	1.9	cont	2.1	□ 90	∅ 80 x 142
FDD90-F024120	24	120	6.7	3000	3.9	1 hour	2.9	□ 90	∅ 80 x 160
FDD90-F024200	24	200	10.4	3000	6.5	1 hour	3.4	□ 90	∅ 80 x 185
FDD90-F090250	90	250	4	3000	8	1 hour	3.4	□ 90	∅ 80 x 185
FDD90-F180300	180	300	2.5	3000	9.7	cont	3.5	□ 90	∅ 80 x 185
FDD90-F220350	220	350	2.4	3000	11	cont	3.7	□ 90	∅ 80 x 185
FDD95-F012090	12	90	10	3000	2.9	1 hour	3.2	□ 90	∅ 90 x 164
FDD95-F012120	12	120	13.4	3000	3.9	1 hour	3.6	□ 90	∅ 90 x 189
FDD95-F024150	24	150	8.3	3000	4.9	cont	3.6	□ 90	∅ 90 x 189
FDD95-F090300	90	300	4.5	3000	9.7	cont	3.6	□ 90	∅ 90 x 189
FDD95-F180500	180	500	3.7	3000	16.3	cont	3.6	□ 90	∅ 90 x 189
FDK115-F024400	24	400	20.8	1800	21.6	cont	6.5	□ 115	∅ 114x209
FDK115-F090500	90	500	6.9	1800	27	cont	6.5	□ 115	∅ 114x209
FDK115-F180500	180	500	3.7	1800	27	cont	5.1	□ 115	∅ 114x172
FDK115-F180700	180	700	5.2	1800	38	cont	6.5	□ 115	∅ 114x209

■ Please find the detailed **PMDC Motor Controller** specification at “Motor Drivers & Controllers” section or contact our sales dep. by telst@ms67.hinet.net for more detailed technical spec. data/drawing.



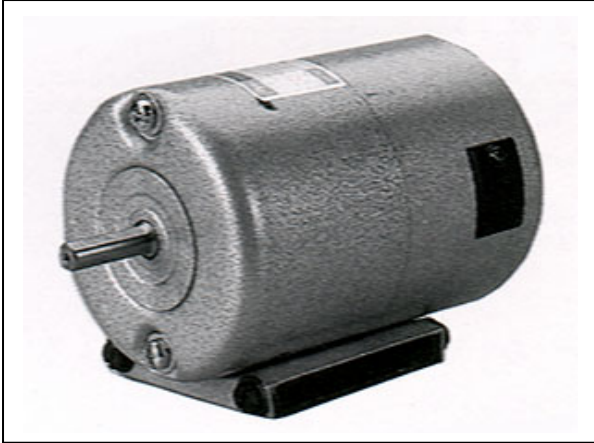
PMDC Geared Motor Typical Specification (DC Permanent Magnet)

MODEL	Rated						weight (Kg)	Gearbox Size (mm)	Motor Size (mm)
	Voltage (V)	Output (W)	Current (A)	Speed (RPM)	Torque (kgf-cm)	Rating			
FDG52-F012005	12	5	0.56	1-1000	0.5-30	cont	0.7	□60x30	§ 52 x 84
FDG52-F012010	12	10	1.11	1-1000	0.97-30	cont	0.8	□60x30	§ 52 x 84
FDG52-F024010	24	10	0.56	1-1000	0.97-30	cont	0.8	□60x30	§ 52 x 84
FDG52-F024015	24	15	0.83	1-1000	1.46-30	cont	0.8	□60x30	§ 52 x 84
FDG52-F090010	90	10	0.15	1-1000	0.97-30	cont	0.7	□60x30	§ 52 x 77
FDG52-F090025	90	25	0.37	1-1000	2.43-30	cont	0.8	□60x30	§ 52 x 84
FDG60-F012010	12	10	1.2	1-1000	0.98-30	cont	1.1	□60x30	§ 60 x 89
FDG60-F012015	12	15	1.8	1-1000	1.46-30	cont	1.3	□60x30	§ 60 x 99
FDG60-F024030	24	30	1.8	1-1000	2.92-30	cont	1.3	□60x30	§ 60 x 99
FDG60-F024050	24	50	3.0	1-1000	4.87-30	cont	1.5	□60x30	§ 60 x 109
FDG60-F090050	90	50	0.8	1-1000	4.87-30	cont	1.3	□60x30	§ 60 x 99
FDG60-F090080	90	80	1.2	1-1000	7.8-30	cont	1.5	□60x30	§ 60 x 109
FDG80-F012025	12	25	2.5	1-1000	2.34-80	cont	2.0	□80x32	§ 80 x 122
FDG80-F012040	12	40	4.2	1-1000	3.9-80	cont	2.4	□80x32	§ 80 x 142
FDG80-F024040	24	40	2	1-1000	3.9-80	cont	2.4	□80x32	§ 80 x 142
FDG80-F024060	24	60	3.2	1-1000	5.7-80	cont	2.4	□80x32	§ 80 x 142
FDG80-F090060	90	60	0.95	1-1000	5.7-80	cont	2.4	□80x32	§ 80 x 142
FDG80-F180090	180	90	0.7	1-1000	8.7-80	cont	2.3	□80x32	§ 80 x 142
FDG80-F220120	220	120	0.72	1-1000	11.67-80	cont	2.4	□80x32	§ 80 x 142
FDG90-F012040	12	40	4.2	1-1000	3.9-80	cont	3.1	□90x42	§ 80 x 142
FDG90-F012090	12	90	10	1-1000	8.7-300	1 hour	4.2	□90x65.5	§ 80 x 160
FDG90-F012120	12	120	12.5	1-1000	11.7-300	cont	4.5	□90x65.5	§ 80 x 185
FDG90-F024060	24	60	3.2	1-1000	5.7-80	cont	3.1	□90x42	§ 80 x 142
FDG90-F024120	24	120	6.7	1-1000	11.7-300	1 hour	4.2	□90x65.5	§ 80 x 160
FDG90-F024200	24	200	10.4	1-1000	19.5-300	1 hour	4.7	□90x65.5	§ 80 x 185
FDG90-F090250	90	250	3.7	1-1000	24.0-300	1 hour	4.7	□90x65.5	§ 80 x 185
FDG90-F180300	180	300	2.3	1-1000	29.1-300	cont	4.8	□90x65.5	§ 80 x 185
FDG90-F220350	220	350	2.4	1-1000	33.0-300	cont	5	□90x65.5	§ 80 x 185
FDG95-F012090	12	90	10	1-1000	8.7-300	1 hour	4.5	□90x65.5	§ 90 x 164
FDG95-F012120	12	120	13.4	1-1000	11.7-300	1 hour	4.9	□90x65.5	§ 90 x 189
FDG95-F024150	24	150	8.3	1-1000	14.7-300	cont	4.9	□90x65.5	§ 90 x 189
FDG95-F090300	90	300	4.5	1-1000	29.1-300	cont	4.9	□90x65.5	§ 90 x 189
FDG95-F180500	180	500	3.7	1-1000	48.9-300	cont	4.9	□90x65.5	§ 90 x 189

■ Please find the detailed **spur/planetary/worm gearhead** specification at "[Motor Accessories for industrial usage](#)" section or contact our sales dep. by telst@ms67.hinet.net for more detailed technical spec. data/drawing.

■ Please find the detailed **PMDC Motor Controller** specification at "[Motor Drivers & Controllers](#)" section or contact our sales dep. by telst@ms67.hinet.net for more detailed technical spec. data/drawing.

FORMOSA® PMDC HORSE POWER MOTOR FOR INDUSTRIAL USAGE



FEATURE:

- PMDC HORSE POWER ,100~440VDC , 4HP~20HP
- COMPACT SIZE (DIA230mm x 500mmL)
- IP54 Protection
- With IEC standard and easy for installing
- Practical design allows for easy maintenance

FOR OEM ORDERS ONLY !!

NOTICE : FORMOSA PMDC HORSE POWER Motor for industrial usage is only for Custom's OEM/ODM order, so pls contact with our sales engineer by telst@ms67.hinet.net before your samples order released !! Thank you very much !