

# TUBULAR MOTOR



PAT, a dedicated tubular motor manufacturer, emerges as an industry expert of distinction. The company invests heavily in R&D to lift its products into a league that competes with international industry leaders. It has successfully implemented a management system compliant with ISO9001 standards throughout all levels of the company's operation to ensure an output of highest quality and consistency that withstands most rigorous scrutiny.

PAT tubular motors are the driving force behind many roller shutters, awnings and garage doors. The products emit minimal noise when in operation, are easy to conceal, compact in size and a whisk to install. They surely meet people's need in their



230V / 50Hz		Rated Torque	Rated Speed	Tube Diameter	Rated Voltage	Rated Frequency	Rated Power Input	Rated Current	Running Time	Degree of Protection	Max Number of Turns	L / L2
<b>DM45M</b> Manual	DM45M - 20/15	20	15	45	230	50	205	0.92	4	IP44	23	615/597
	DM45M - 20/26	20	26	45	230	50	292	1.29	4	IP44	45	615/597
	DM45M - 30/15	30	15	45	230	50	230	1.10	4	IP44	23	665/647
	DM45M - 40/15	40	15	45	230	50	292	1.29	4	IP44	23	665/647
	DM45M - 50/15	50	15	45	230	50	205	0.92	4	IP44	23	665/647
	DM45M - 50/12	50	12	45	230	50	308	1.41	4	IP44	23	665/647
230V / 50Hz		Rated Torque	Rated Speed	Tube Diameter	Rated Voltage	Rated Frequency	Rated Power Input	Rated Current	Running Time	Degree of Protection	Max Number of Turns	L / L2
<b>DM59M</b> Manual	DM59M - 60/15	60	15	59	230	50	370	1.60	4	IP44	22	717/702
	DM59M - 80/15	80	15	59	230	50	430	2.00	4	IP44	22	717/702
	DM59M - 100/12	100	12	59	230	50	491	2.32	4	IP44	22	717/702
230V / 50Hz		Rated Torque	Rated Speed	Tube Diameter	Rated Voltage	Rated Frequency	Rated Power Input	Rated Current	Running Time	Degree of Protection	Max Number of Turns	L / L2
<b>DM92M</b> Manual	DM92M - 140/12	140	12	92	230	50	620	3.10	4	IP44	30	512/497
	DM92M - 230/12	230	12	92	230	50	850	4.10	4	IP44	30	512/497
	DM92M - 300/9	300	9	92	230	50	850	4.10	4	IP44	30	542/527