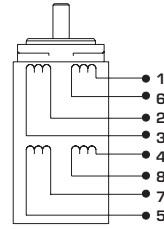


STEPPER SIZE 42^{CE}

1.8° HYBRID STEPPING MOTOR



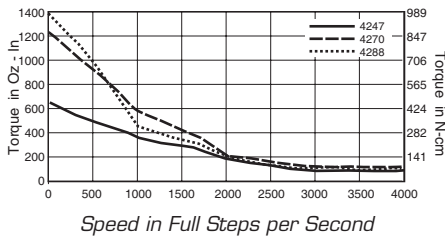
Motor Connection		
WIRE NO.	SERIES	PARALLEL
1	A	A
2	Connect Together	
6	A	\bar{A}
3		
4	B	B
7	Connect Together	
8	B	\bar{B}
5		

Part Number	Holding Torque oz-in (N-cm)	Phase Current Amps		Number of Leads	Phase Resistance ohms		Phase Inductance mH		Detent Torque oz-in (N-cm)	Rotor Inertia oz-in-sec ² (kg-cm ²)	L _{Max} Length inches (mm)	Weight oz (g)
		Series	Parallel		Series	Parallel	Series	Parallel				
M2-4247-[X]*	810 (572)	5.0	10.0	8	0.46	0.115	24.64	6.16	13.0 (9.2)	0.055 (3.8838)	5.39 (136.9)	216 (6125.6)
M2-4270-[X]*	1440 (1017)	5.0	10.0	8	0.88	0.220	29.81	7.45	26.0 (18.4)	0.114 (8.0502)	7.55 (191.8)	320 (9072)
M2-4288-[X]*	2100 (1483)	5.0	10.0	8	1.00	0.250	22.24	5.56	39.0 (27.5)	0.172 (12.1458)	9.72 (246.9)	424 (12020.4)

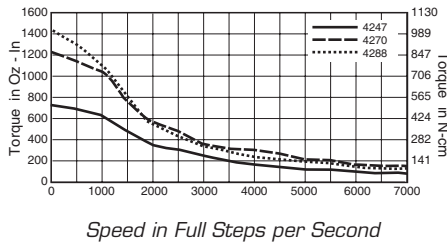
*Specify S for Single Shaft; D for Double Shaft

TORQUE-SPEED CURVES

Series: 5 Amps RMS, 75 VDC



Parallel: 9 Amps RMS, 75 VDC



MECHANICAL SPECIFICATIONS

Dimensions in Inches (mm)

