

MODEL MPH22

● RoHS Compliant

● General Specifications

Model No.	Code of Coupled Motor	Code of Reduction Gear	Coupled Potentiometer			Slipping Torque	Remarks
			Kind of Element	No. of Turns	Pot. Model No.	mN · m (gf · cm)	
MPH22	A B	5~11	Wirewound	1	CP22, CP50	20 to 30 (200 to 300)	Possible to mount turns-counting dials.
				10	22HP-10, 25HP-10	Approx. 50 (500)	
			Conductive Plastic	1	FCP22E, FCP22A, FCP30A, FCP50A	20 to 30 (200 to 300)	—



Model MPH22A7-FCP22E



Model MPH22B10-FCP22A



Model MPH22A10-22HPM-10N

● Rated Specifications of Coupled Motor

Code of Coupled Motor	Input Voltage	Max. Output	Starting Torque	Max. Efficiency	No-Load Speed
A	6V.D.C.	0.26W	0.52mN · m (5.2gf · cm)	65%	19,100 r.p.m.
B	6V.D.C.	0.43W	1.55mN · m (15.5gf · cm)	70%	10,700 r.p.m.

● Characteristics of Reduction Gear (using coupled motor A & B)

Reduction Gear	Reduction Gear Ratio	Response Time (Sec./F.S.) Approx.			
		Motor A (19,100r.p.m.)		Motor B (10,700r.p.m.)	
		1-turn pot.	10-turn pot.	1-turn pot.	10-turn pot.
5	1:41	—	—	0.6	4.9
6	1:76	—	—	0.7	6.2
7	1:141	0.9	7.8	1.0	9.8
8	1:262	1.2	11.2	1.6	15.7
9	1:485	1.8	17.9	2.9	28.1
10	1:900	3.2	31.2	6.0	60.0
11	1:1,670	5.6	55.7	9.4	93.8

● Specifications of Coupled Potentiometer

For further technical details of potentiometers, please refer to those of each potentiometer section in this catalog.

