

Mycom 2 Phase/5 Phase Motors.

High Torque in compact package
 Virtually no Low speed resonance in 5 phase
 500(Full) / 1000 (half) steps per rev for 5 phase
 5 phase drive settable for full and half step
 5 phase Nano step drive upto 5,00,000 steps/rev

Drive accepts Step & Dir CW/CCW
 2 phase drive with 1/8 step(1600 steps/rev)
 200/400/800/1600 steps per rev option
 various current options available
 upto 95 Kgcm torque in 2 phase.
 2 Phase Nano. Step drive upto 2,00,000 steps/rev. .

Motor	Max	Phase	Rotor	Voltage	Motor	Suitable	Frame
Model	Holding torque	Current	Inertia	V	Weight	Drive	Size
	in Kgcm	A	gcm		Kg		
2 Phase Motors							
PF 443-03	1.6	0.31	35	12	0.26	IMS200-221	17(42mm)
PF 444-03	2.6	0.4	54	12	0.28	IMS200-221	17(42mm)
PS 445-01	2.2	1.2	36	4	0.26	IMS200-221	17(42mm)
PS 466-01	6	1.2	125	6	0.55	IMS200-221	23(56mm)
PF 466-01/02/03	9	1/2/3	280	5.7/2.8/1.9	0.7	IMS200-221	23(56mm)
PF 468-01/02/03	13.5	1/2/3	480	8.6/4.5/3	1	IMS200-221	23(56mm)
PS 499-01/02	22	4.5/2	1100	3/6	2.16	IMS200-221	34(85mm)
PF 496-01/02/03	22	2/3/4.5	1400	4.4/3/2	1.75	IMS200-221	34(85mm)
PS 4913-02	35	1.8	1800	12	3.6	IMS200-221	34(85mm)
PF 499-01/02/03	44	2/3/4.5	2700	6.4/4.2/2.8	2.8	IMS200-221	34(85mm)
PF 4913-01/02	66	2/4	4000	7.6/3.8	3.93	IMS200-221	34(85mm)
PF 4913-0395*	95	4.7	4000	4.2	3.93		34(85mm)
5Phase Motors							
PF 564 A(B)	4.2	1.4	175		0.5	IMS500-120	23(60mm)
PF 566 A(B)	8.3	1.4	280		0.75	IMS500-120	23(60mm)
PF 569 A(B)	16.6	1.4	560		1.3	IMS500-120	23(60mm)
PF 596 A(B)	20.9	1.4	1400		1.5	IMS500-120	34(85mm)
PF 599 A(B)	40.9	1.4	2700		2.5	IMS500-120	34(85mm)
PF 5913 A(B)	62.9	1.4	4000		3.5	IMS500-120	34(85mm)

Please Note IMS 200-221 is suitable for motors upto 2A per phase only.

Please Suffix A for single shaft option and B for double shaft option to the motor model.

*Dimension of 95 Kgcm motor is the same as the 66 Kgcm motor.

List of Popular Stepper Drives

2 Phase Drives

IMS 200-221 : 24V DC input, 2A per phase, Bipolar chopper drive, upto 1600 steps/rev.
 IMS 20-210 : 110V AC input, 2A per phase, Bipolar chopper drive, Full/Half steps/rev.
 INS 200-230 : 24V ~ 36V DC input, 2A per phase, Unipolar chopper drive, upto 2,00,000 steps/rev.

5 Phase Drives

IMS 500-120 : 24V~ 36V DC input, 1.4A per phase, Star Bipolar chopper drive, Full/Half steps/rev.
 IMS 50-110 : 110V AC input, 1.4A per phase, Star Bipolar chopper drive, Full/Half steps/rev.
 INS 500-120 : 24V~36V DC input, 1.4A per phase, Star Bipolar chopper drive, upto 500000 steps/rev.