5-phase stepping motor

106mm cir.

103H8958□-6□□□
CE marked
0.72˚/step

●Applicable drivers

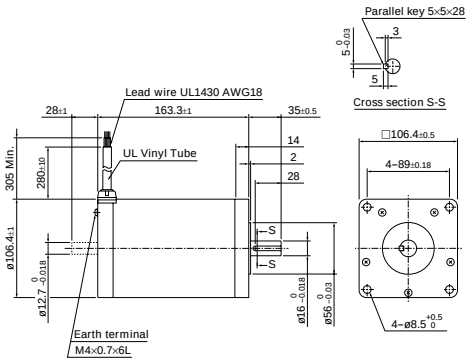
PMM-MA 50034 | PMM-MA 50064

Specifications

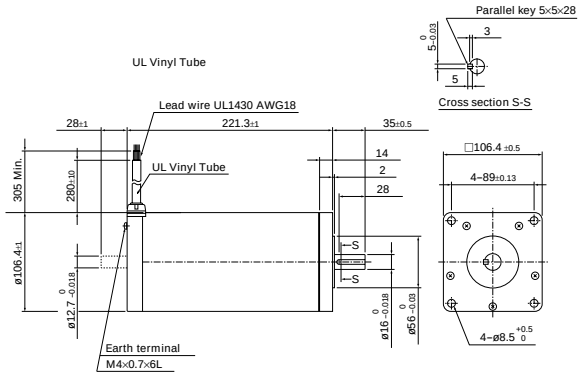
Model number		Holding torque at 5-phase energization	Rated current	Wiring resistance	Wiring inductance	Rotor inertia	Weight
Single-axis	Dual-axis	N.m or more	A/phase	Ω/phase	mH/phase	x 10^{-4}kg-m^2	kg
103H89582-6050	-6020	10.8	0.75	9	90	14.6	7.5
103H89582-6250	-6220	10.8	1.5	2	26	14.6	7.5
103H89583-6050	-6020	16	0.75	12.5	125	22	10.5
103H89583-6250	-6220	16	1.5	2.9	33.4	22	10.5

Dimensions (unit: mm)

103H89582-6050/6250 (Single shaft)
103H89582-6020/6220 (Double shaft)

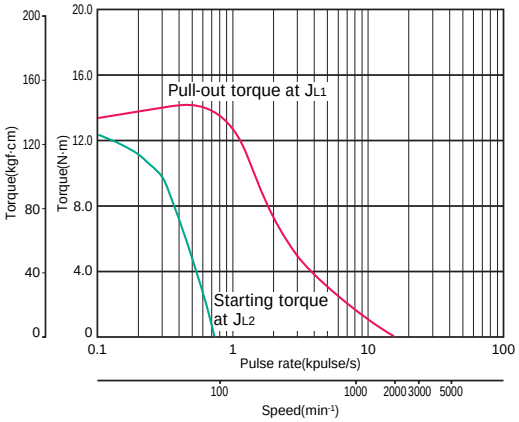


103H89583-6050/6250 (Single shaft)
103H89583-6020/6220 (Double shaft)



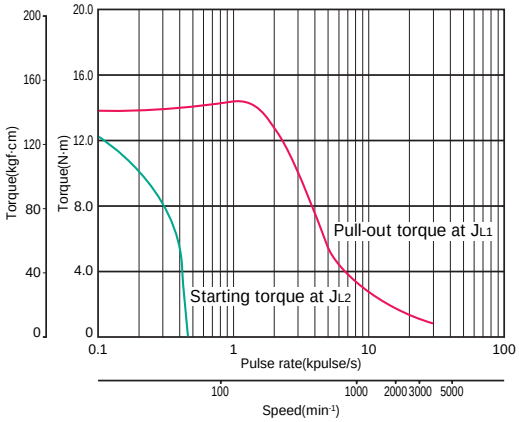
Pulse rate-torque characteristics

●103H89582-6050



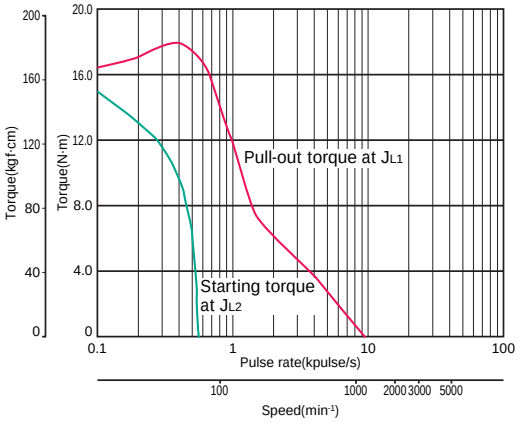
Sanyo constant current circuit
Source voltage : 100V AC・Winding current : 0.75A/phase
5-phase excitation (Full step)
$J_{L1}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)
$J_{L2}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)

●103H89582-6250



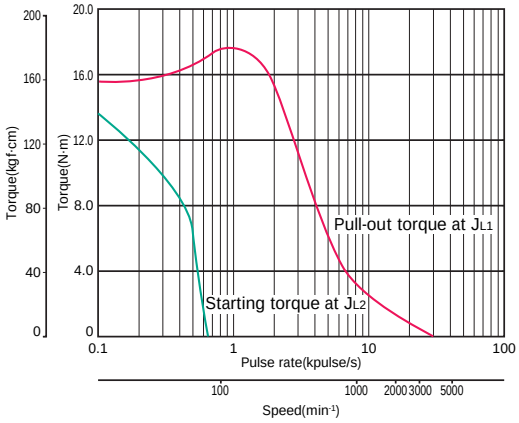
Sanyo constant current circuit
Source voltage : 100V AC・Winding current : 1.5A/phase
5-phase excitation (Full step)
$J_{L1}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)
$J_{L2}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)

●103H89583-6050



Sanyo constant current circuit
Source voltage : 100V AC・Winding current : 0.75A/phase
5-phase excitation (Full step)
$J_{L1}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)
$J_{L2}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)

●103H89583-6250



Sanyo constant current circuit
Source voltage : 100V AC・Winding current : 1.5A/phase
5-phase excitation (Full step)
$J_{L1}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)
$J_{L2}=43\times10^{-4}kg\cdot m^2$ (With rubber coupling)