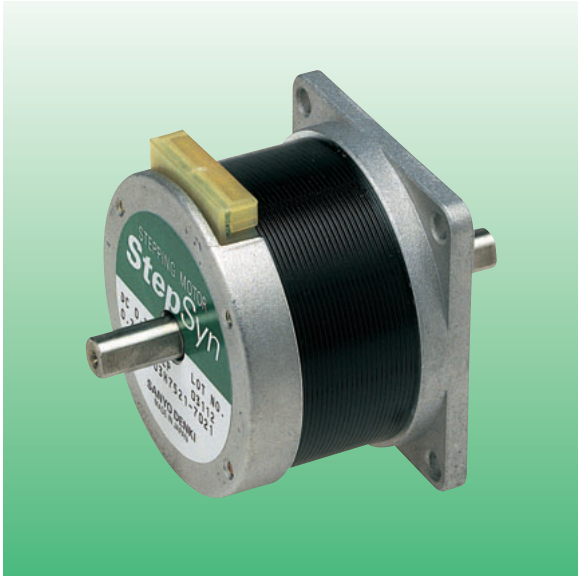


5-phase stepping motor

60mm cir. 103H752□-□□□□
0.72˚/step

●Applicable drivers

PMAPA 1S6B01 | PMM-MA 50034 | PMM-MA 50064 | PMM-BA 5603 5643 | PMM-BA 5604 5644 | PMDPB1S6P01

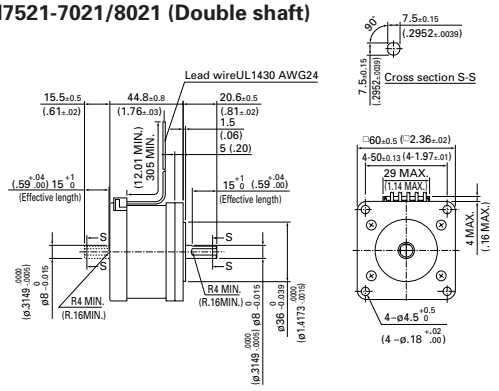
PMDPC1S3P01 | PMM-MD-53030 PMM-MD-53031 | PMM-BD-53130 PMM-BD-53131 | PMDPA1C3P50

Specifications

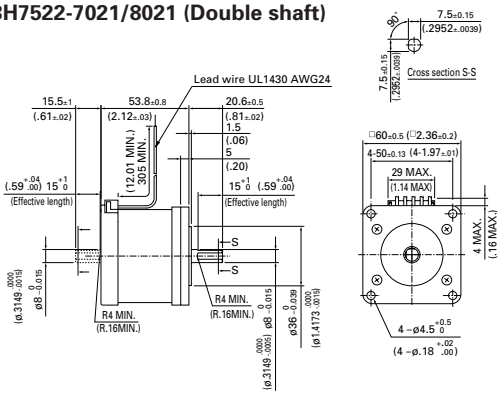
Model number		Holding torque at 5-phase energization	Rated current	resistance	inductance	Rotor inertia	Mass (Weight)
Single shaft	Double shaft	N.m(oz·in) MIN.	A/phase	Ω/phase	mH/phase	x10^{-4}kg·m^2(oz·in^2)	kg(lbs)
103H7521-7051	-7021	0.46(65.1)	0.75	2.4	4.3	0.148(0.81)	0.51(1.12)
103H7521-8051	-8021	0.46(65.1)	1.5	0.6	1.1	0.148(0.81)	0.51(1.12)
103H7522-7051	-7021	0.735(104.1)	0.75	3.3	7.5	0.18(0.98)	0.6(1.32)
103H7522-8051	-8021	0.735(104.1)	1.5	0.75	2	0.18(0.98)	0.6(1.32)
103H7523-7051	-7021	1.568(222.0)	0.75	5.2	21	0.423(2.31)	1.1(2.43)
103H7523-8051	-8021	1.568(222.0)	1.5	1.4	5.4	0.423(2.31)	1.1(2.43)

Dimensions [unit:mm(inch)]

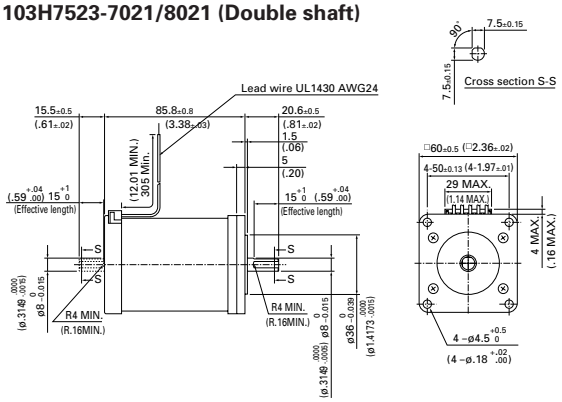
103H7521-7051/8051 (Single shaft)
103H7521-7021/8021 (Double shaft)



103H7522-7051/8051 (Single shaft)
103H7522-7021/8021 (Double shaft)

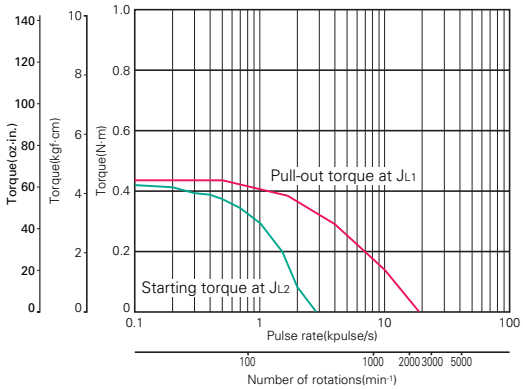


103H7523-7051/8051 (Single shaft)
103H7523-7021/8021 (Double shaft)



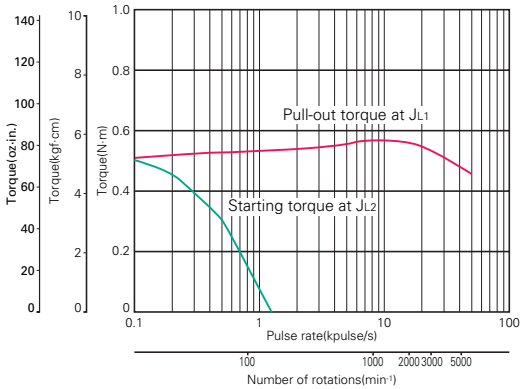
Pulse rate-torque characteristics

●103H7521-7051



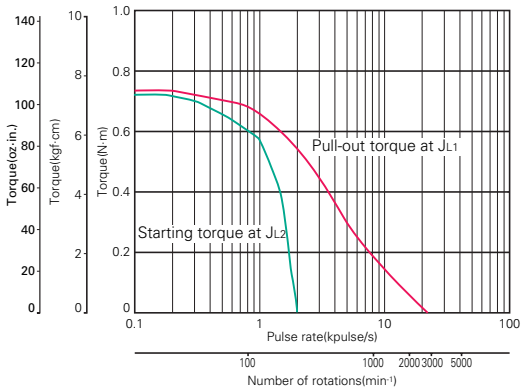
Sanyo constant current circuit
Source voltage : 24V DC·Operating current : 0.75A/phase
5-phase excitation (Full step)
J_{L1}=0.94×10^{-4}kg·m^2 [5.14 oz·in^2] (Use the rubber coupling)
J_{L2}=0.51×10^{-4}kg·m^2 [2.79 oz·in^2] (Pulley balancer system)

●103H7521-8051



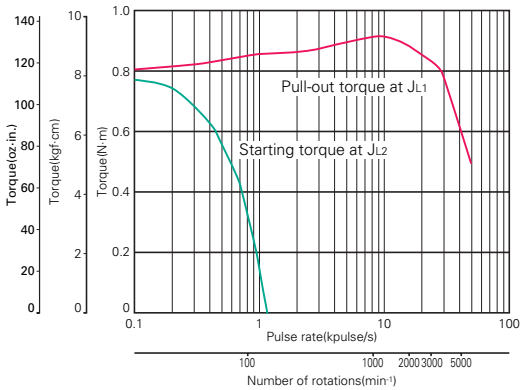
Sanyo constant current circuit
Source voltage : 100V AC·Operating current : 1.5A/phase
5-phase excitation (Full step)
J_{L1}=0.94×10^{-4}kg·m^2 [5.14 oz·in^2] (Use the rubber coupling)
J_{L2}=0.8×10^{-4}kg·m^2 [4.37 oz·in^2] (Use the direct coupling)

●103H7522-7051



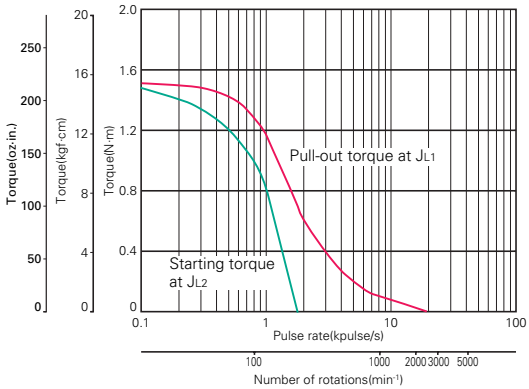
Sanyo constant current circuit
Source voltage : 24V DC·Operating current : 0.75A/phase
5-phase excitation (Full step)
J_{L1}=2.6×10^{-4}kg·m^2 [14.22 oz·in^2] (Use the rubber coupling)
J_{L2}=0.6×10^{-4}kg·m^2 [3.28 oz·in^2] (Pulley balancer system)

●103H7522-8051



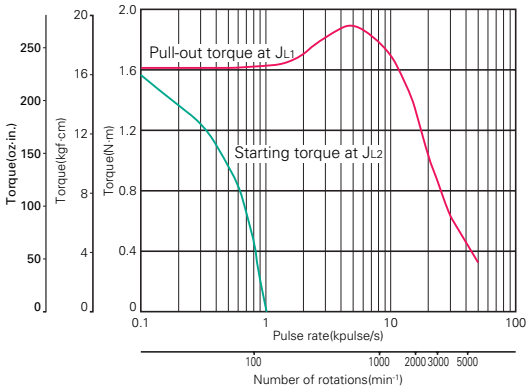
Sanyo constant current circuit
Source voltage : 100V AC·Operating current : 1.5A/phase
5-phase excitation (Full step)
J_{L1}=2.6×10^{-4}kg·m^2 [14.22 oz·in^2] (Use the rubber coupling)
J_{L2}=2.6×10^{-4}kg·m^2 [14.22 oz·in^2] (Use the direct coupling)

●103H7523-7051



Sanyo constant current circuit
Source voltage : 24V DC·Operating current : 0.75A/phase
5-phase excitation (Full step)
J_{L1}=7.4×10^{-4}kg·m^2 [40.46 oz·in^2] (Use the rubber coupling)
J_{L2}=1.1×10^{-4}kg·m^2 [6.01 oz·in^2] (Pulley balancer system)

●103H7523-8051



Sanyo constant current circuit
Source voltage : 100V AC·Operating current : 1.5A/phase
5-phase excitation (Full step)
J_{L1}=7.4×10^{-4}kg·m^2 [40.46 oz·in^2] (Use the rubber coupling)
J_{L2}=7.4×10^{-4}kg·m^2 [40.46 oz·in^2] (Use the direct coupling)