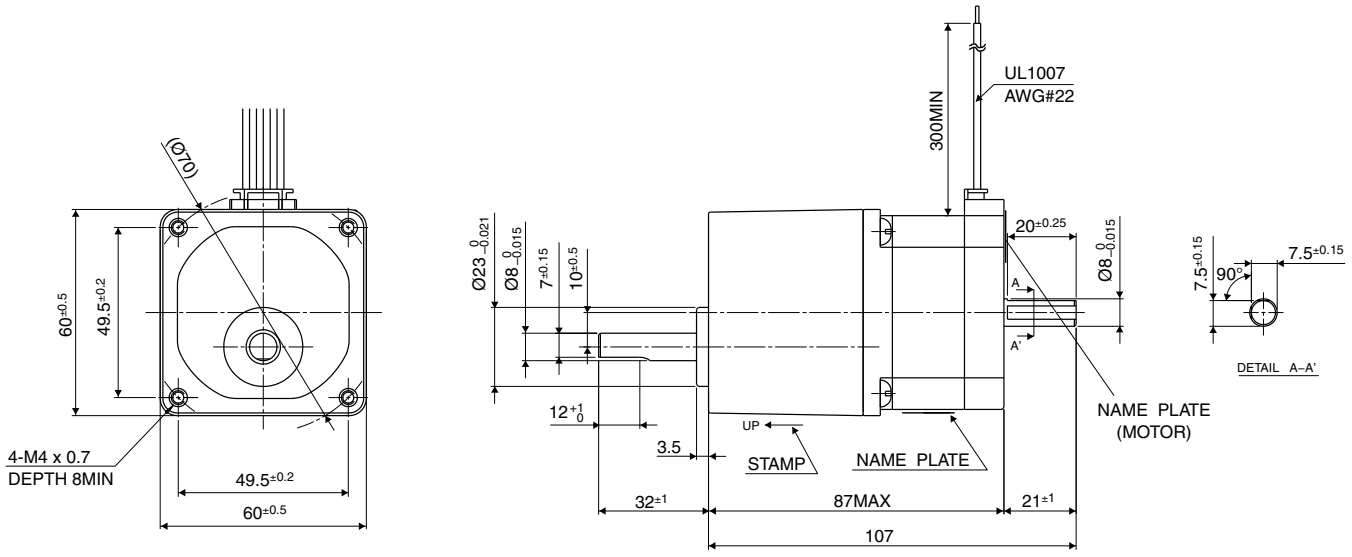
Hybrid Stepping Motor with Gearbox Low Backlash Type (GT series) 56□

Lineup

Model	Rated Current	Resistance	Step Angle	Gear Ratio	Permissible Torque	Permissible Speed Range	Backlash	Mass
	(A)	(Ohms)	(deg)	(1 : X)	(Nm (kgf • cm))	(r/min)	(min(deg))	(g)
GT0036-23M201	0.9	5.8	0.5	1 : 3.6	1.25 (12.7)	0 ～ 500	35 (0.584)	820
GT0072-23M201			0.25	1 : 7.2	2.5 (25.5)	0 ～ 250	15 (0.25)	820
GT0100-23M201			0.18	1 : 10	3.0 (30.6)	0 ～ 180	15 (0.25)	820
GT0200-23M201			0.09	1 : 20	3.5 (35.7)	0 ～ 90	10 (0.167)	850
GT0300-23M201			0.06	1 : 30	4.0 (40.8)	0 ～ 60	10 (0.167)	850

*Drive Sequence : Unipolar
*Leadwires will be supplied with the motor
*Direction of rotation of the motor and that of the gear output shaft are the same for the gear ratios 1:3.6, 1:7.2 and 1:10. It is the opposite for 1:20 and 1:30 gear ratio.

Outline

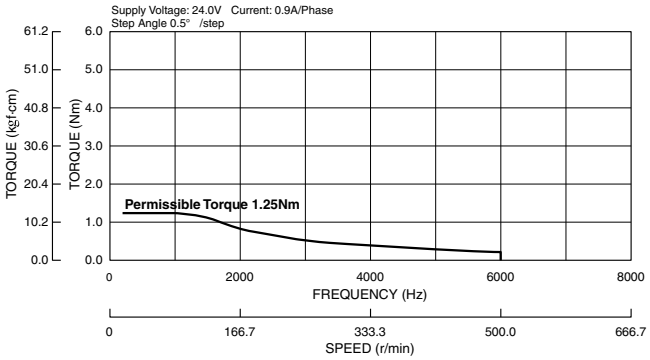


PIN NO. vs. PHASE

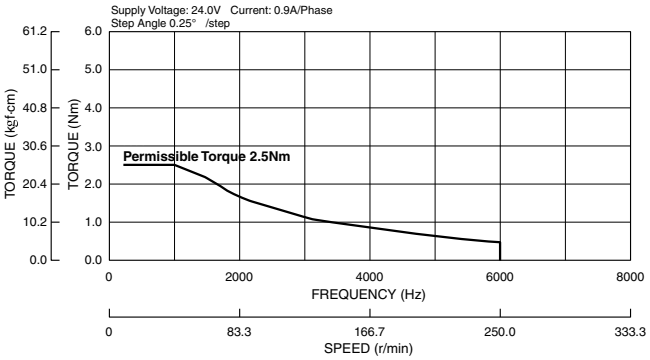
(PHASE)	A	A COM	$\bar{A}$	B	B COM	$\bar{B}$
(PIN NO.)	1	2	3	4	5	6

Torque Characteristics

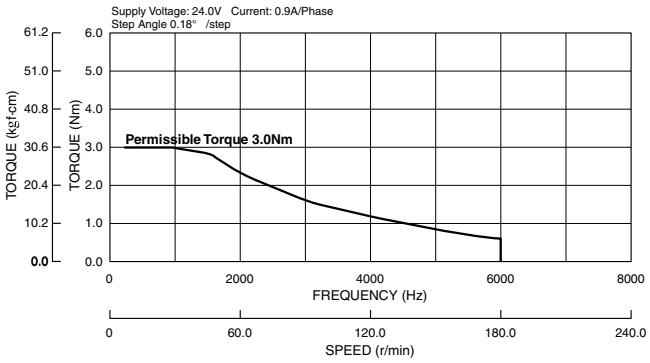
GT0036–23M201



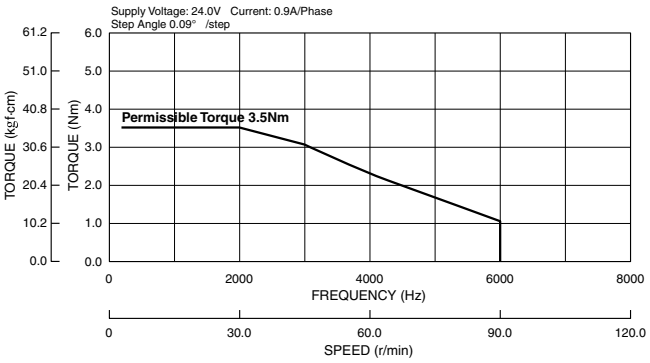
GT0072–23M201



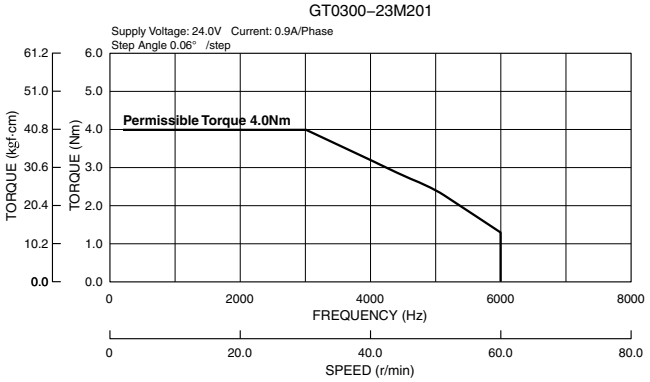
GT0100–23M201



GT0200–23M201



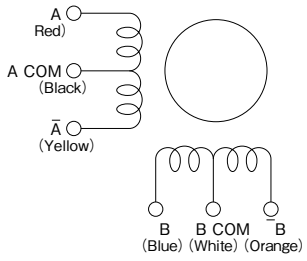
GT0300–23M201



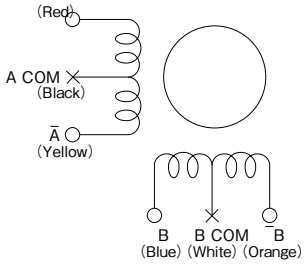
General Specifcations

Temperature Rise	80℃ MAX
Ambient Temperature Range	−10℃～+50℃
Insulation Resistance	100M Ω MIN. DC 500V
Dielectric Strength	AC 500V 1min
Permissible Radial Load (at 10mm from shaft end)	98.1N (10kgf)
Permissible Thrust Load	29.4N (3kgf)

UNI POLAR Wiring Connection Diagram



BI POLAR Wiring Connection Diagram A



* No need to connect A COM and B COM. Please insulate individually.

* Apply 70% of Unipolar rated current.