

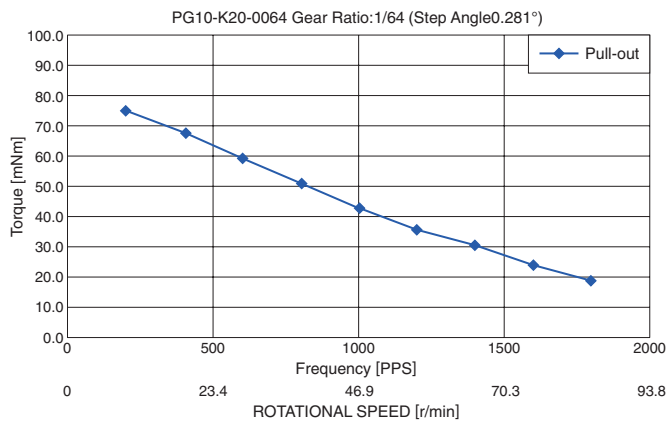
## PM Stepping Motor with GearBox

### Reference Characteristics

Drive Voltage	5 [V]
Drive Method	2 - 2 2 - 2 phase
Drive Circuit	BIPOLAR CONST.VOLT.
Resistance / Phase	21.5 [ $\Omega$ ]
IC Driver IC	LB1836M
Insulation Resistance	1 M [ $\Omega$ ] Min. at DC100 [V]
Dielectric Strength	AC 100 [V] 1 [min]
Class of Insulation	Class E (U < Except lead wire)
Ambient Temperature Range	- 10 [ $^{\circ}$ C] ~ + 50 [ $^{\circ}$ C]
Radial Play	0.1 [mm]
Axial Play	0.2 [mm]



### Torque Characteristics



### Application

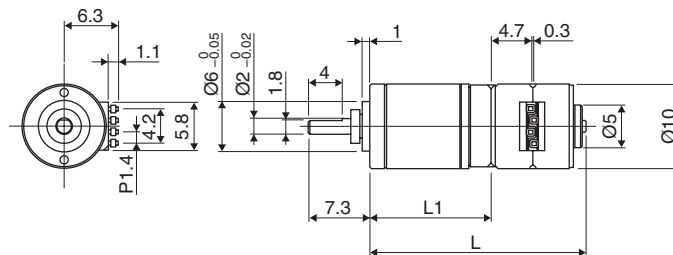
Optical Equipment : Projector / Security Camera

Medical Equipment : Blood Analyzer / Tube Pump

Industrial Equipment : Flow Control Valves /  
Antenna Adjustment Device

Power Tools : Drills / Drivers

### Outline



### Lineup

Model	Step Angle [deg]	Gear Ratio [1 : X]	Rated Torque [mNm (gf cm)]	Maximum Instantaneous Torque [mNm (gf cm)]	Gearhead length L1 [mm]	Full length L [mm]
PG10-K20-0004	4.500	1 : 4	20 (203)	30 (306)	14.4	25.6
PG10-K20-0016	1.125	1 : 16	40 (408)	60 (612)	17.3	28.5
PG10-K20-0064	0.281	1 : 64	60 (612)	80 (816)	20.2	31.4
PG10-K20-0256	0.070	1 : 256	75 (765)	120 (1224)	23.1	34.3
※ PG10-K20-1024	0.018	1 : 1024			26	37.2

※Please contact us due to speciality.