



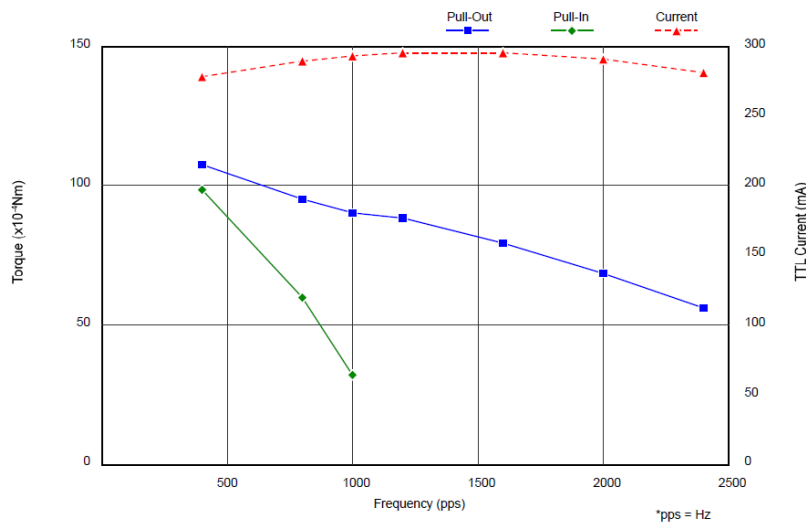
Standard PM Step Motors

PM20L-020-HHC3

DYNAMIC TORQUE CHARACTERISTICS (No. 62888)

(ALL VALUES ARE GAINED BY MEASUREMENT AND NOT SPECIFICATIONS VALUES)

Model : PM20L-020-HHC3
 Drive Mode : BIPOLAR CHOPPER
 Drive Voltage : 24.0 V
 Method : 2-2P
 Drive IC : UDN2916B-V
 Surge/Current : / 400 mA / Phase (Peak)
 Coil Resistance : 13.0 Ω
 Magnet Material : MS70A
 Stator Material : SUY/SPC(Ni)



(TTL Current = Over all current drawn by the driver)

| Frequency (pps) | 400 | 800 | 1000 | 1200 | 1600 | 2000 | 2400 |
|-----------------------------------|-------|------|------|------|------|------|------|
| ■ Pull-Out (x10 ⁻⁴ Nm) | 107.5 | 95.1 | 90.2 | 88.5 | 79.2 | 68.5 | 55.9 |
| ◆ Pull-In (x10 ⁻⁴ Nm) | | 98.3 | 59.8 | 32.0 | | | |
| ▲ Current (mA) | 278 | 289 | 293 | 295 | 295 | 291 | 281 |

Minebea Motor Manufacturing Corporation