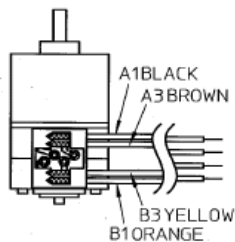
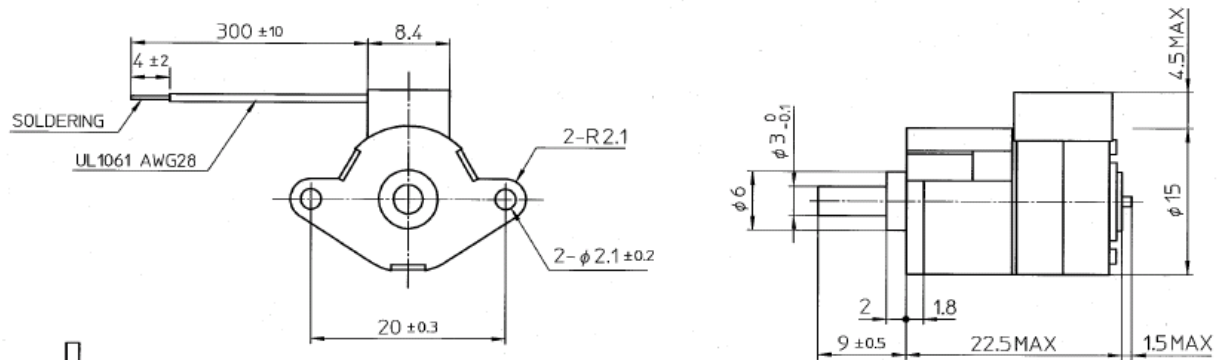


Standard PG Step Motors

PG15S-D20-HHB9

Model Specifications

Model:	PG15S-D20-HHB9
Step Angle:	0.176 °
Drive Voltage:	DC 15.0 V
Shaft Length:	9mm
Wire Length:	300mm fly leads (no connector)
Wire Holder:	90 deg. Left
Gear Ratio:	1/102.5
Electrical:	15V, 100mA
	Bipolar Constant Current



WIRE COLOR	MOTOR
BLACK	A1
BROWN	A3
ORANGE	B1
YELLOW	B3

WIRE COLOR CODE

COLOR	BLACK	BROWN	ORANGE	YELLOW
STEP 1	-	+	+	-
STEP 2	-	+	-	+
STEP 3	+	-	-	+
STEP 4	+	-	+	-

SWITCHING SEQUENCE
(VIEWED FROM MOUNTING SURFACE)

MARKING

PRINT MARK ON STATOR ASSY
BY INKJET PRINTER

NMB-MAT PG15S-D20-HHB9
JAPAN H0106
<JAPAN>

NMB-MAT PG15S-D20-HHB9
THAILAND TA0106
<THAILAND>

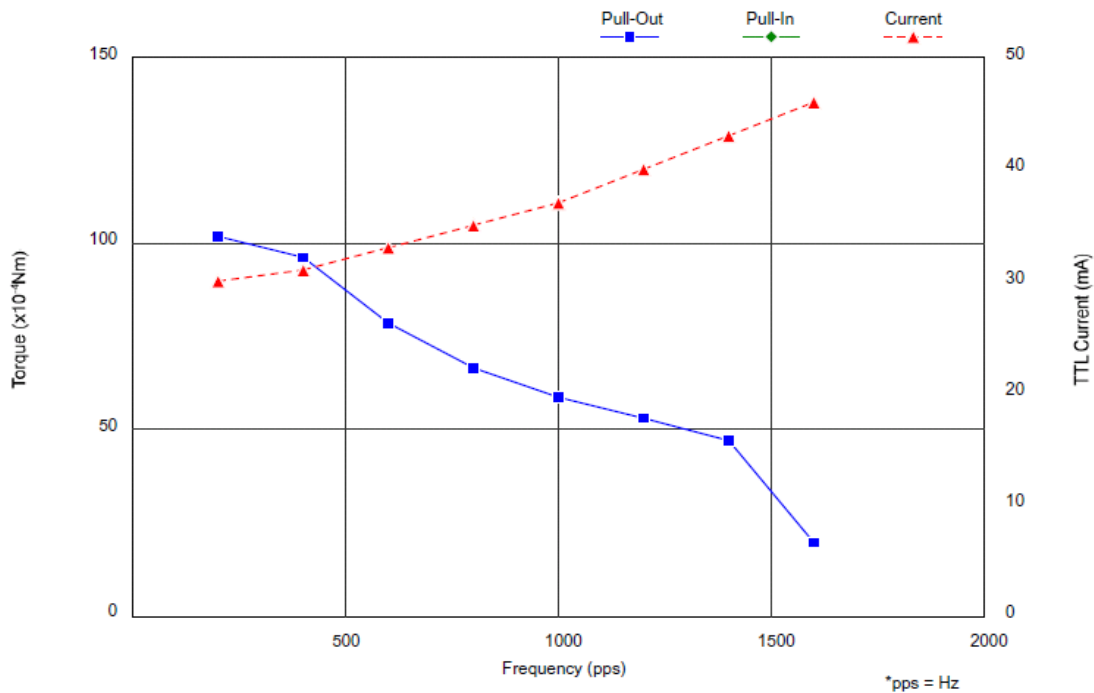
GEAR RATIO : 1 / 102.5

PG15S-D20-HHB9

DYNAMIC TORQUE CHARACTERISTICS (No. 63559)

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

Model : PG15S-D20-HHB9
 Drive Mode : BIPOLAR CHOPPER
 Drive Voltage : 15.0 V
 Method : 2-2P
 Drive IC : UDN2916B-V
 Surge/Current : / 100 mA / Phase (Peak)
 Coil Resistance : 10.0 Ω
 Magnet Material : MS70A
 Stator Material : SECC
 Note : Current adjust by 0 pps., GEAR RATIO 1/102.5
 MAES8U4 STA9Z03



Frequency (pps)	200	400	600	800	1000	1200	1400	1600
■ Pull-Out (x10 ⁻⁴ Nm)	102.0	96.1	78.5	66.7	58.8	53.0	47.1	19.6
◆ Pull-In (x10 ⁻⁴ Nm)	30	31	33	35	37	40	43	46
▲ Current (mA)								