hybrid stepping motor
MOONS'

34HD Series

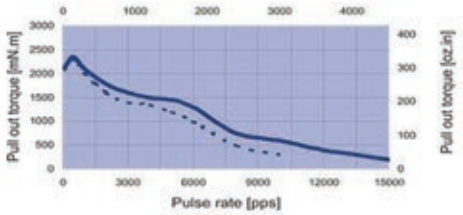
RoboPardaz.com
مرجع دیتاشیت و اطلاعات رباتیک

- High Torque
- High Accuracy
- Smooth Movement

8-Leadwire Motors

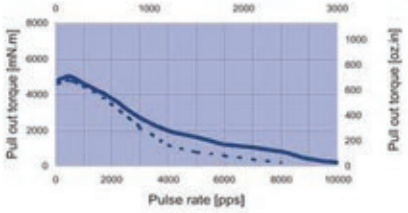
Model Number	Type of Polar	Resistance per Phase	Inductance per Phase	Rated Current	Holding Torque		Detent Torque		Rotor Inertia	
		ohm	mH	A	mNm	oz-in	mNm	oz-in	g.cm²	oz-in²
34HD0801	Bi-polar Parallel	0.24	1.4	6.3	3100	439.09	150	21.25	1100	6.05
	Bi-polar Series	0.96	5.6	3.18	3100	439.09	150	21.25	1100	6.05
	Unipolar	0.48	1.4	4.5	2200	311.61	150	21.25	1100	6.05
34HD1801	Bi-polar Parallel	0.33	2.7	6.3	6200	878.19	250	35.41	1850	10.18
	Bi-polar Series	1.32	10.8	3.18	6200	878.19	250	35.41	1850	10.18
	Unipolar	0.66	2.7	4.5	4400	623.23	250	35.41	1850	10.18
34HD2801	Bi-polar Parallel	0.485	5.4	5.6	8900	1260	350	49.58	2750	15.13
	Bi-polar Series	1.94	21.6	2.8	8900	1260	350	49.58	2750	15.13
	Unipolar	0.97	5.4	4.0	6400	906	350	49.58	2750	15.13

WIRING DIAGRAM AND DRIVING



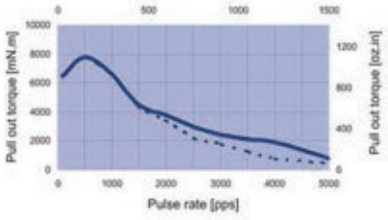
34HD0801 Bi-polar parallel

Conditions: Bi-polar Constant Current Driver
IC: AMA MS7080M
Mode:Full Step
Speed [r/min]
6.3A(Peak) 48V
6.3A(Peak) 60V



34HD1801 Bi-polar parallel

Conditions: Bi-polar Constant Current Driver
IC: AMA MS7080M
Mode:Full Step
Speed [r/min]
6.3A(Peak) 48V
6.3A(Peak) 60V



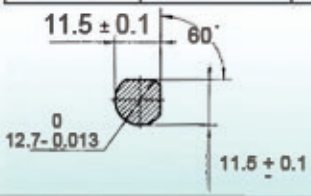
34HD2801 Bi-polar parallel

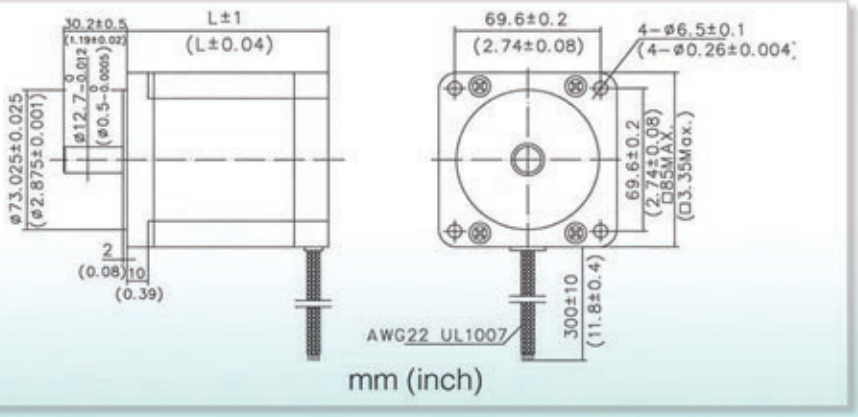
Conditions: Bi-polar Constant Current Driver
IC: AMA MS7080M
Mode:Full Step
Speed [r/min]
5.6A(Peak) 48V
5.6A(Peak) 60V

DIMENSION

DIMENSION (UNIT : mm)

Model Number	L	Mass
	mm (in.)	kg (lb.)
34HD0**	66.5 (2.59)	1.6 (3.52)
34HD1**	96 (3.74)	2.7 (5.94)
34HD2**	125.5 (4.89)	3.8 (8.36)





mm (inch)

● To customize motors, please contact with us or our agent.