

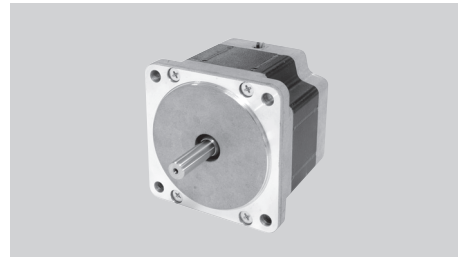


KLS ELECTRONIC CO.,LTD

KLS23-34HD SERIES 1.8°

Key Features

- High Torque
- High Efficiency
- High Accuracy



General Specifications

- Bi-polar

Series & Length	Model Number	Holding Torque		Rated Current	Resistance per Phase	Inductance per Phase	Detent Torque		Rotor Inertia	
		N.m Typ.	oz-in Typ.	A	ohms ± 10%@20°C	mH Typ.	mN.m	oz-in	g.cm ²	oz-in ²
34HD0 66.5 mm (2.62 in.)	ML34HD0L4210-01	3.6	510.8	2.1	1.9	16	80	11.3	915	5.03
	ML34HD0L4318-01			3.18	0.9	7.8				
	ML34HD0L4630-01			6.3	0.24	1.9				
	ML34HD0L4900-01			9.0	0.12	0.85				
34HD1 96 mm (3.78 in.)	ML34HD1L4210-01	6.8	964.8	2.1	2.9	30	140	19.8	1480	8.14
	ML34HD1L4318-01			3.18	1.3	11.8				
	ML34HD1L4630-01			6.3	0.32	2.9				
	ML34HD1L4900-01			9.0	0.16	1.5				
34HD2 125.5 mm (4.94 in.)	ML34HD2L4140-01	9.6	1362	1.4	9.2	91	170	24.1	2200	12.10
	ML34HD2L4280-01			2.1	2	23				
	ML34HD2L4560-01			5.6	0.48	5.7				
	ML34HD2L4630-01			6.3	0.38	4.9				
	ML34HD2L4900-01			9.0	0.22	2.2				

- Bi-polar

Series & Length	Model Number	Holding Torque		Rated Current	Resistance per Phase	Inductance per Phase	Detent Torque		Rotor Inertia	
		N.m Typ.	oz-in Typ.	A	ohms ± 10%@20°C	mH Typ.	mN.m	oz-in	g.cm ²	oz-in ²
34HD0 66.5 mm (2.62 in.)	PL34HD0L4210-01	4.4	624.3	2.1	1.9	13	120	17.0	915	5.03
	PL34HD0L4318-01			3.18	0.9	6.5				
	PL34HD0L4630-01			6.3	0.24	1.6				
	PL34HD0L4900-01			9.0	0.12	0.7				
34HD1 96 mm (3.78 in.)	PL34HD1L4210-01	8.2	1163.5	2.1	2.9	24	260	36.8	1480	8.14
	PL34HD1L4318-01			3.18	1.3	9.5				
	PL34HD1L4630-01			6.3	0.32	2.4				
	PL34HD1L4900-01			9.0	0.16	1.2				
34HD2 125.5 mm (4.94 in.)	PL34HD2L4140-01	12	1702.6	1.4	9.2	70	370	52.4	2200	12.10
	PL34HD2L4280-01			2.8	2	18.3				
	PL34HD2L4560-01			5.6	0.48	4.6				
	PL34HD2L4630-01			6.3	0.38	3.8				
	PL34HD2L4900-01			9.0	0.22	1.8				