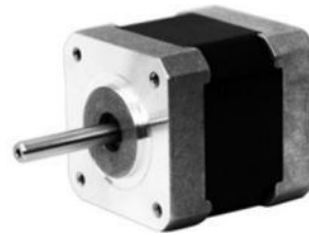


1.8° 42MM Hybrid Stepping Motor

Item	Specifications
Step Angle	1.8°
Step Angle Accuracy	±5% (full step noload)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	80°C Max. (rated current, 2 phase on)
Ambient Temperature	-20°C- +50°C
Insulation Resistance	100M Ω Min..500VDC
Dielectric Strength	500VAC/for one minute
Shaft Radial Play	0.02Max. (450g-load)
Shaft Axial Play	0.08Max. (450g-load)
Max,radial force	28N (20mm loom the flange)
Max.axial force	10N



Hybrid Stepping Motor Specifications

	Rated Voltage	Current /Phase	Resistance /Phase	Inductance	Holding Torque	# of Leads	Rotor Inertia	Weight	Detent Torque	Length
	V	A	W	mH	g-cm		g-	kg	g-cm	mm
XY42STH25-0404A	9.6	0.4	24.0	36	1.7	4	35	0.22	120	34
XY42STH34-0956A	4.0	0.95	4.2	2.5	1.6	6				
XY42STH34-0406A	9.6	0.4	24.0	15	1.6	6				
XY42S1H34-0316A	12.0	0.31	38.5	21	1.6	6				
XY42S1H34-1334A	2.8	1.33	2.1	2.5	2.2	4				
XY42STH40-1206A	4.0	1.2	3.3	3.2	2.6	6	54	0.28	150	40
XY42STH40-0806A	6.0	0.8	7.5	6.7	2.6	6				
XY42STH40-0406A	12.0	0.4	30.0	30	2.6	6				
XY42STH40-1684A	2.8	1.68	1.65	3.2	3.6	4				
XY42STH48-1206A	4.0	1.2	3.3	2.8	3.17	6	68	0.35	200	48
XY42STH48-0806A	6.0	0.8	7.5	6.3	3.17	6				
XY42STH48-0406A	12.0	0.4	30.0	25	3.17	6				
XY42STH48-1684A	2.8	1.68	1.65	2.8	4.4	4				
XY42STH60-1206A	7.2	1.2	6.0	7	6.5	6	102	0.5	280	60