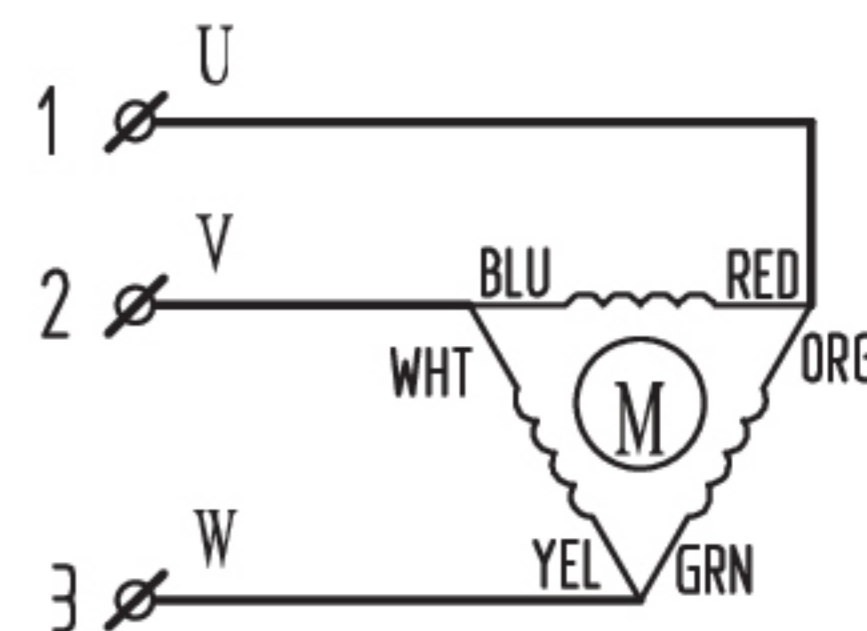


57mm 3 Phase Hybrid Stepping Motor

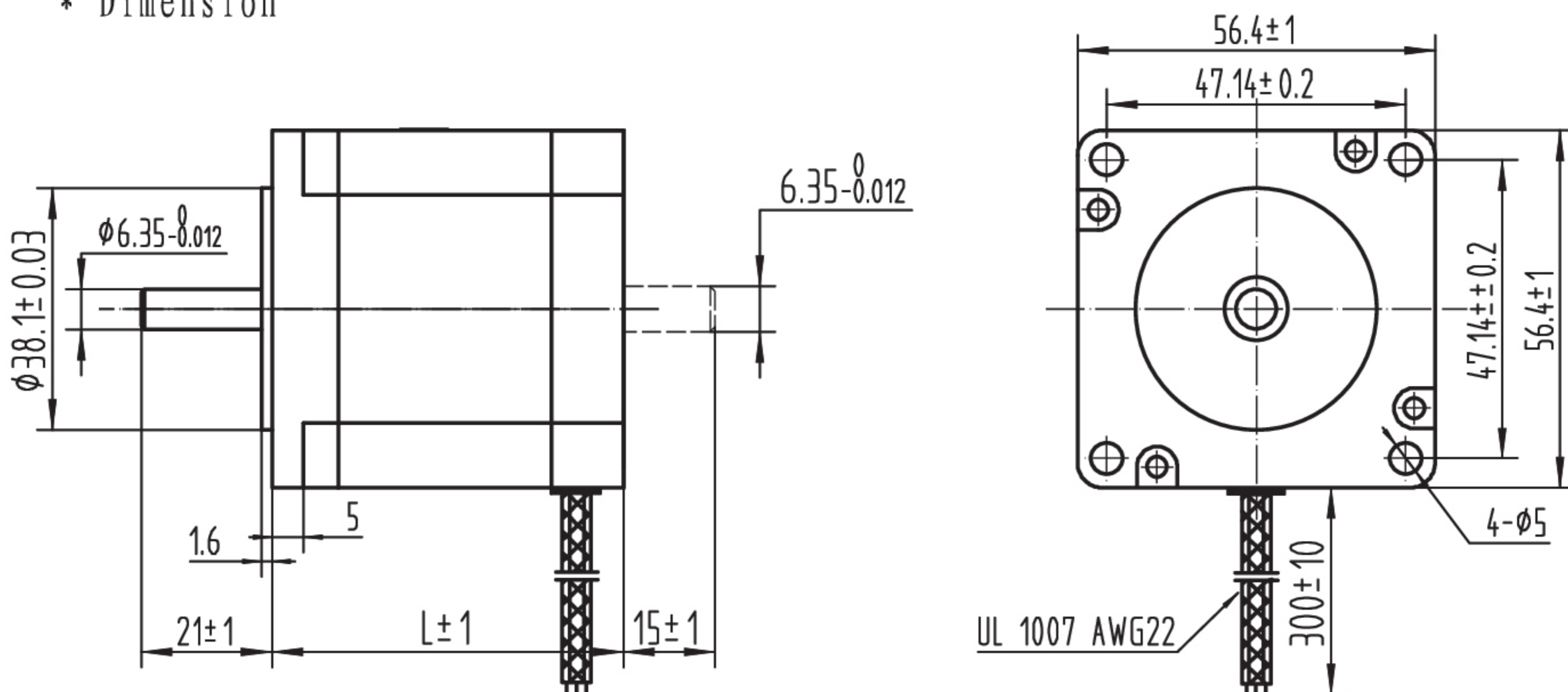
Step Angle	----	1.2°
Step Angle Accuracy	----	±5% (full step, no load)
Resistance Accuracy	----	±10%
Inductance Accuracy	----	±20%
Insulation Resistance	----	500VDC 100MΩMin
Dielectric Strength	----	500VAC 1 minute
Ambient Temperature	----	-20℃-- +50℃
Temperature Rise	----	80℃ Max(rated current)
Shaft Axial Play	----	0.08mm Max(450g load)
Shaft Radial Play	----	0.02mm Max(450g load)
Max Axial Force	----	15N
Max Radial Force	----	75N(20mm from the flange)
Insulation Class	----	B



* Specifications

Model	Motor Codes	Voltage /Phase	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	NO. of Leads	Rotor Inertia	Weight	Detent Torque	Length
Units		V	A	Ω	mH	N. cm		g. cm ²	Kg	Kg-cm	mm
SY573P42-5206A	100042000	6.76	5.2	1.3	1.1	45	6	100	0.48	0.21	42
SY573P56-5606A	100056000	3.92	5.6	0.7	1.1	90	6	300	0.72	0.4	56
SY573P79-5806A	100079000	6.09	5.8	1.05	1.3	150	6	480	1.1	0.68	79

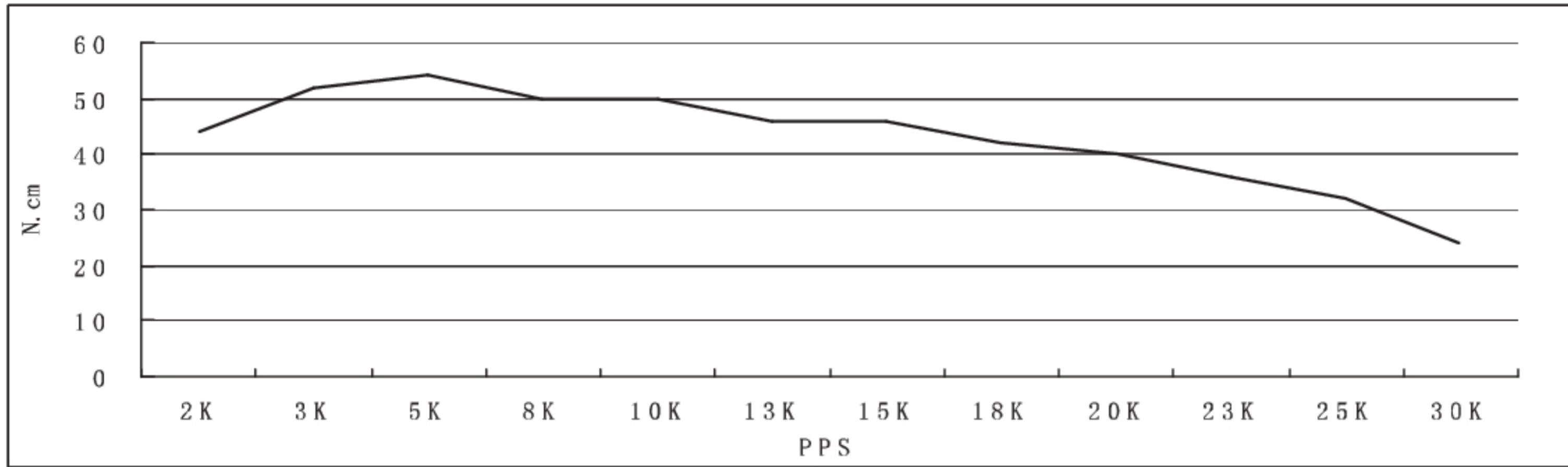
* Dimension



● Pull out torque curve:

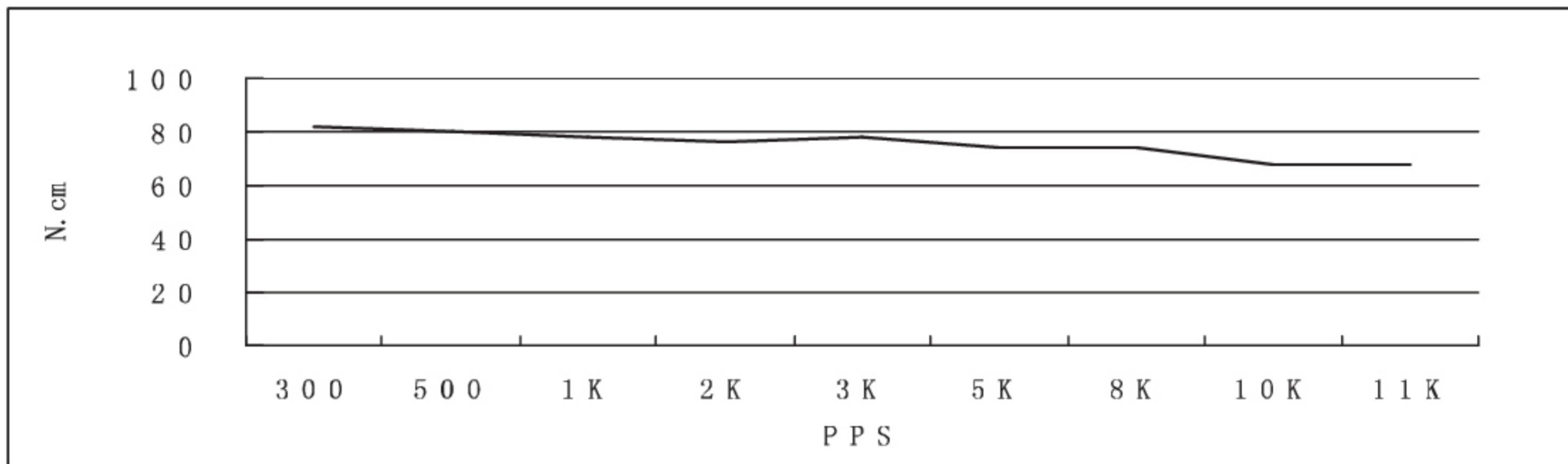
SY573P42-5206A Pull out torque curve:

VOLTAGE: 30VDC, CONSTANT CURRENT: 5.2A, HALF STEP



SY573P56-5606A Pull out torque curve:

VOLTAGE: 30VDC, CONSTANT CURRENT: 5.2A, HALF STEP



SY573P79-5806A Pull out torque curve:

VOLTAGE: 30VDC, CONSTANT CURRENT: 5.2A, HALF STEP

