

PART NUMBER **5718X-15P-HP50**

MOTOR SPECIFICATIONS

Part Number	5718X-15P
Step Angle	1.8°
Frame Size	NEMA 23
Body Length (Dim. A)	1.74 in. (44.2 mm)
Current	4.2 Amps/Phase
Holding Torque	100 oz-in (0.71 Nm)
Resistance	0.3 Ohms/Phase
Rotor Inertia	0.7 oz-in ²
Number of Leads	4
Lead length	24 in. (609.6 mm)
Connection	Parallel
Weight	1.05 lbs (0.48 kg)

GEARBOX SPECIFICATIONS

Part Number	HP50
Ratio	50:1
Nominal Output Torque (Nm)	50
Emergency Stop Torque (Nm)	3 times nominal output torque
Nominal Input Speed (RPM)	5000
Max Input Speed (RPM)	10000
Max Radial Load (N)	1377
Max Axial Load (N)	765
Efficiency η (%)	85
Backlash (arcmin)	<7
Protection Class	IP65 (gearbox), IP40 (motor)
Service Life (hr)	20000
Weight (kg)	1.6
Operating Temperature (°C)	-20 to 90
Lubrication	Grease
Noise (n=3000 rpm) dB(A)	58
Mass Movement of Inertia (kg-cm ²)	0.03



PERFORMANCE CURVE

5718X-15P GEARMOTOR TORQUE CURVES



