

[Products](#)[Services](#)[Applications](#)[About](#)[Resources](#)[Request Quote](#)[Contact Us](#)[PRODUCTS](#) > [STEPPER MOTORS](#) > [HYBRID STEPPER MOTORS](#) > [3518 SERIES](#) > [3518L 15P](#)

3518 SERIES

3518L-15P

HYBRID STEPPER MOTOR

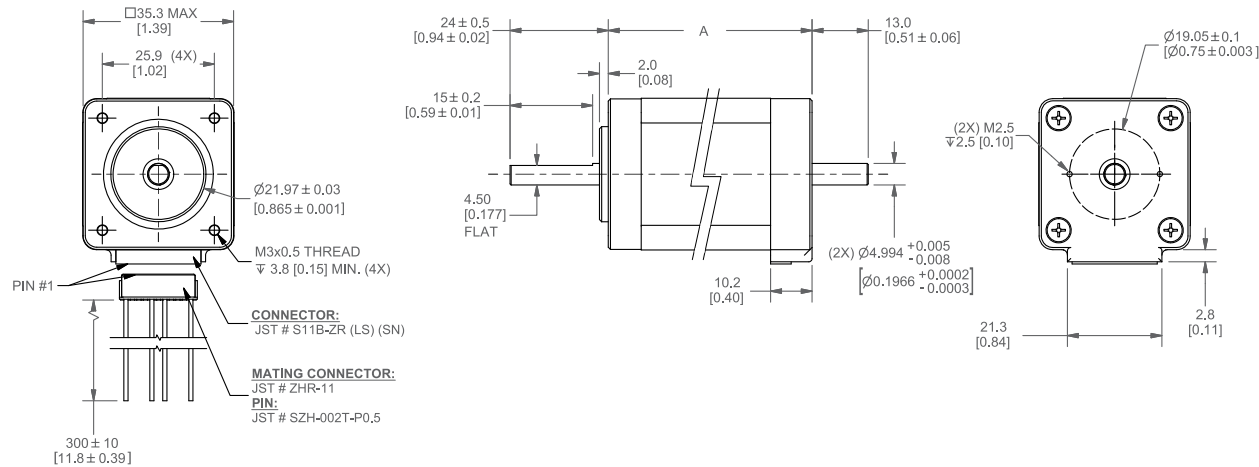
Specifications:

- NEMA 14 (35.3 mm) Frame Size
- 1.8° Step Angle
- 55.5 mm Length
- 0.4 Nm Holding Torque

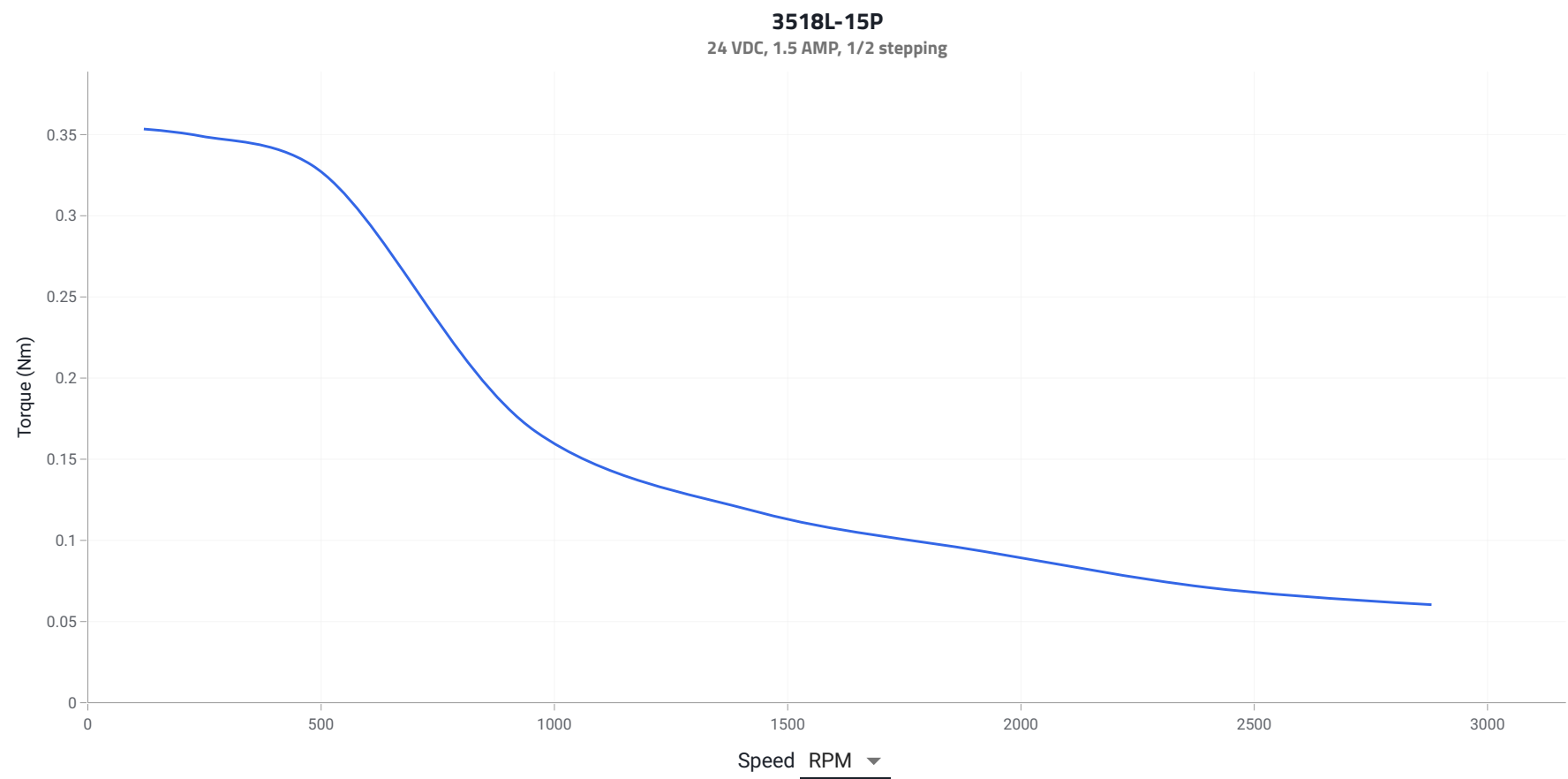
[Configure & Buy Prototype Online](#)[Looking For Higher Volume?](#)[Request OEM Quote](#)

Dimensions

| MODEL | DIM. A (LENGTH) MM |
|-----------|-----------------------|
| 3518L-15P | 55.5 mm |



Torque Curves



Motor Specifications

| | |
|------------------------|----------------------|
| Base Motor Part Number | 3518L-15P |
| Step Angle | 1.8° |
| Frame Size | 35.3 mm |
| NEMA Size | NEMA 14 |
| Body Length | 55.5 mm |
| Current (AMP) | 1.5 AMP |
| Holding Torque | 0.4 Nm |
| Resistance | 2.2 ohm |
| Rotor Inertia | 35 g-cm ² |
| Number of leads | 4 |
| Connection | Bipolar |
| Weight | 0.24 kg |

Operating Specifications

| | |
|---|-----------------------------|
| Radial Play | 0.03 mm @ 0.454 kg |
| End Play | 0.08 mm @ 1.361 kg |
| Shaft Run Out | 0.05 TIR |
| Concentricity of Mounting Pilot to Shaft | 0.08 TIR |
| Perpendicularity of Mounting Pilot to Face | 0.08 TIR |
| Max Radial Load at Dimension "K" from mounting face | 2.722 kg |
| Dimension "K" | 15.75 mm |
| Max Axial Load | 2.722 kg |
| Maximum Case Temperature | 80.00 °C maximum |
| Ambient Temperature | -20.00 °C to 50.00 °C |
| Storage Temperature | -20.00 °C to 100.00 °C |
| Humidity Range (%) | 85% or less, non-condensing |
| Magnet Wire Insulation | Class B 130 deg C |
| Insulation Resistance | 100M Ohm at 500 VDC |
| Dielectric Strength | 500 VDC for 1 min |