

LinMot Linear Rotary servo motor units



- All electric servo motor technology
- No air / reduce CO2
- Independent direct linear and direct rotary servo motors

- Programmable position and motions
- Programmable torque
- Programmable press force
- Speed, force, torque control and feedback

- Hollow shaft versions
- Stainless steel versions (AISI 316L)
- High torque versions
- More than 20 standard versions



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| | PR01-52x40-R/37x120F-HP-C-80 (-L) | PR01-52x60-R/37x120F-HP-C-100 (-L) | PR01-52x60-R/37x120F-HP-C-150 (-L) | PR01-84x80-C/48x240F-C-100 (-L) | PR01-84x80-C/48x360F-C-100 (-L) | PR01-84x80-C/48x240F-C-150 (-L) | PR01-84x80-C/48x360F-C-150 (-L) | PR01-84x80-C/48x240F-C-300 (-L) | PR01-84x80-C/48x240F-C-150(-L) | PR01-84x80-SSC-C/48x360F-C-150(-L) | PR01-84x80-SSC-C/48x240F-C-300(-L) | PR01-52x60-R/37x120F-HP-C-100-G.. | PR01-84x80-C-G/48x240F-C-150-G.. | PR01-84x80-C-G/48x360F-C-150-G.. |
|------------------------------|-----------------------------------|------------------------------------|------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|----------------------------------|----------------------------------|
| Linear Stroke | 3.15 in 80 mm | 3.93 in 100 mm | 5.90 in 150 mm | 5.11 in 130 mm | 5.11 in 130 mm | 5.90 in 150 mm | 5.90 in 150 mm | 11.80 in 300 mm | 5.90 in 150 mm | 5.90 in 150 mm | 11.80 in 300 mm | 3.93 in 100 mm | 5.90 in 150 mm | 5.90 in 150 mm |
| Peak Force | 57 lb 255 N | 57 lb 255 N | 57 lb 255 N | 128 lb 572 N | 230 lb 1024 N | 128 lb 572 N | 230 lb 1024 N | 128 lb 572 N | 128 lb 572 N | 230 lb 1024 N | 115 lb 514 N | 57 lb 255 N | 128 lb 572 N | 230 lb 1024 N |
| Linear Velocity | 153 in/s 3.9 m/s | 153 in/s 3.9 m/s | 153 in/s 3.9 m/s | 118 in/s 3.0 m/s | 82 in/s 2.1 m/s | 118 in/s 3.0 m/s | 82 in/s 2.1 m/s | 118 in/s 3.0 m/s | 118 in/s 3.0 m/s | 82 in/s 2.1 m/s | 118 in/s 3.0 m/s | 153 in/s 3.9 m/s | 118 in/s 3.0 m/s | 82 in/s 2.1 m/s |
| Peak Torque | 1.12 ft lb 1.53 Nm | 1.62 ft lb 2.2 Nm | 1.62 ft lb 2.2 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | 6.5 ft lb 8.9 Nm | ... 14 ft lb ... 20 Nm | ... 59 ft lb ... 80 Nm | ... 59 ft lb ... 80 Nm |
| Rotation | 1500 rpm | 1500 rpm | 1500 rpm | 1000 rpm | 1000 rpm | 1000 rpm | 1000 rpm | 1000 rpm | 1000 rpm | 1000 rpm | 1000 rpm | 100 rpm... | 100 rpm... | 100 rpm... |
| Hollow Shaft | available | available | available | available | available | available | available | available | available | available | available | N/A | N/A | N/A |
| Steel 316L | no | no | no | no | no | no | no | no | no | yes | yes | yes | no | no |
| Rotation Direct/ Gear | direct | direct | direct | direct | direct | direct | direct | direct | direct | direct | direct | Planetary Gear | Planetary Gear | Planetary Gear |