

LP Series

Low Profile meets High Torque

The Kinematics LP series was designed with one thing in mind: **Reduction**. The low-profile design reduces the amount of material used compared to our standard SE or KE series slewing drives. This means more savings for our customers without sacrificing performance. The LP design is available in four standard sizes.



Light Weight, Low Profile

LP actuators are lower profile and have over 10% less material than our standard SE or KE series. Lower overall weight helps to reach your Gross Vehicle Weight (GVW) goals, increasing payload and boom reach.

Performance and Value

Kinematics delivers cost-competitive global manufacturing with US-based engineering, sales, and customer support. Since 1996 we have been delivering reliable, innovative products.

Installation Ready

The LP Series comes ready to install and is an easy drop-in solution. The pre-greased worm and bearing, as well as a variety of motor mount options for hydraulic or electric motors, make this product ideal for commercial applications. It can be purchased with or without a motor.

Custom Engineering

Kinematics engineers thrive on solving your problem with a specialized solution. Remove the risk and guesswork by allowing us to provide an integrated solution of actuators, custom mounting solutions, motors, counterbalance valves, and position-sensing technology.

Drive Size	Raceway Diameter	Backwards Holding Torque	Overturning Moment
LP7	222.5mm	10.0 kN.m	13.5 kN.m
LP9	310.3mm	39.0 kN.m	33.9 kN.m
LP14	342.5mm	54.4 kN.m	67.8 kN.m
LP17	422.1mm	65.6 kN.m	135.6 kN.m