

SR-309 (SPEED REDUCER GEARBOX, 3.09:1 RATIO)



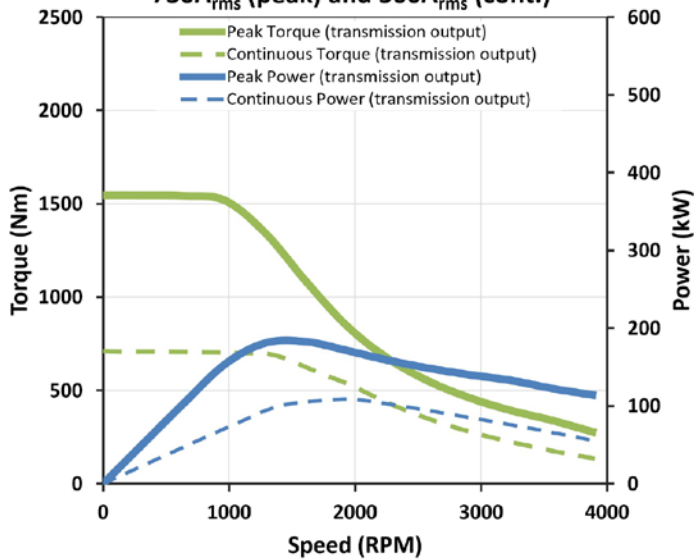
The SR-309 provides a 3.09:1 speed reduction (and torque multiplication) ratio. It's built using a pair of gears from the time-proven BorgWarner 31-03 gearbox. Added to that is a parking lock pawl and actuator. Integrated mounting features allow it to bolt right up to our iM-225, iM-375 and SS-250 products in two orientations: left offset or right offset.

FEATURES

- 3.09:1 gear ratio
- High-quality helical ground gears
- Perfect for use with iM-225, iM-375 or SS-250
- Can be installed in two orientations: right offset or left offset
- Fed by cooled oil from the motor mounting face, returning through that face
- Parking lock pawl and actuator included
- DC actuator motor is commanded via H-bridge control and provides analog position feedback
- Output flange mimics the I6-bolt motor face

Peak Input Torque	800Nm
Maximum Input Speed	12000rpm
Weight	26 kg
Cooling/Lube Fluid	Dexron VI or similar

When paired with iM-225DX-D:
Power and Torque Curves @ 350Vdc
730A_{rms} (peak) and 300A_{rms} (cont.)



When paired with iM-375DZ-D:
Power and Torque Curves @ 700Vdc

