RD-1 Rotary Drive



0-180° Fully Adjustable



3.56

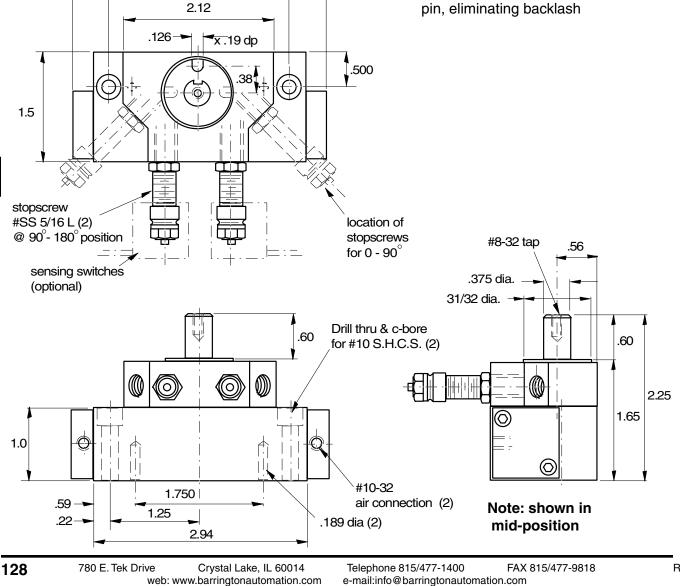
2.50

Dimensions

Μ

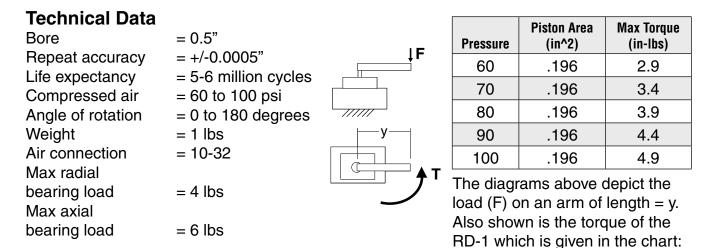
Features

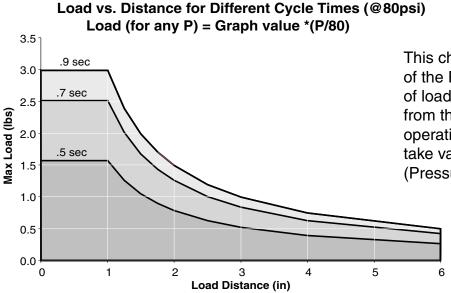
- Angle of rotation adjusted with built in stop screws with fine threads
- Stop screws are compatible with sensing switches
- Designed for production rates and long life
- Two sealed ball bearings at top and bottom of drive shaft
- Tapped holes and offset dowel pin area in shaft and driving flange allows higher torque transmittal and accuracy
- Bearings are positioned very close to the drive gear for rigidity, precision, wear resistance and accuracy.
- Shaft is stopped with an adjustable hard stopscrew against a hardened pin, eliminating backlash



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This chart shows how the cycle time of the RD-1 is affected by the amount of load and distance the load is from the shaft, for 180° rotation. For operating pressures other than 80, take value from graph and multiply by (Pressure in psi/80).

Μ

Options

Sensing switches are available as an option. They are mounted to the stopscrews as seen in the photo to the right. For specifications on sensing please see page 143.

