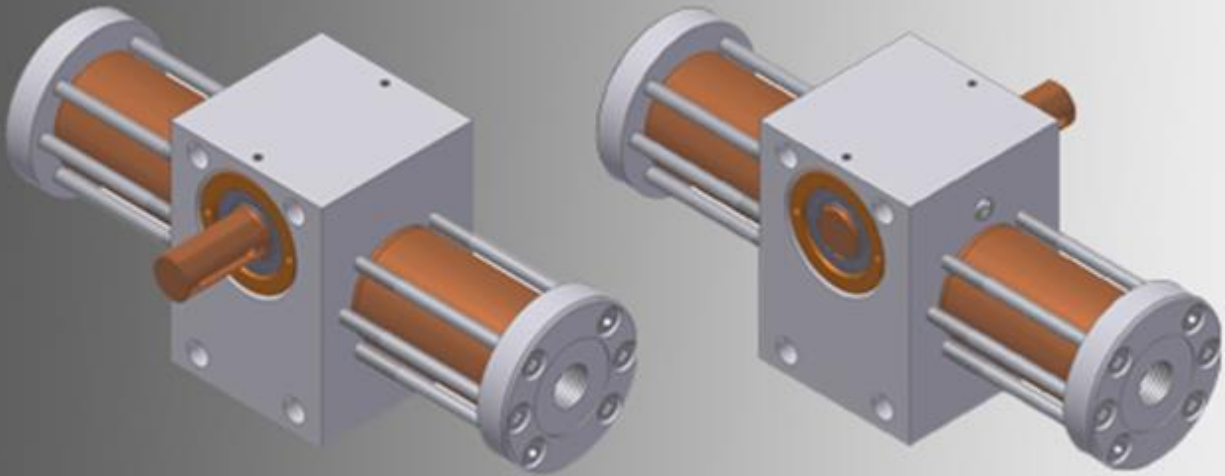


Hydraulic Rotary Drive, non-magnetic



Hydraulic rotary drives are used to generate rotary motions using hydraulic pressure. In the inside, a hydraulically driven, linear movement is converted into a rotational movement. Usually, this is done by a rack-and-pinion pairing.

Hydraulic rotary drives are characterized by the following features:

- Simple and compact design
- No additional lever mechanism necessary for generating the rotary motion
- High torque with low space requirement
- Constant torque in the entire work section

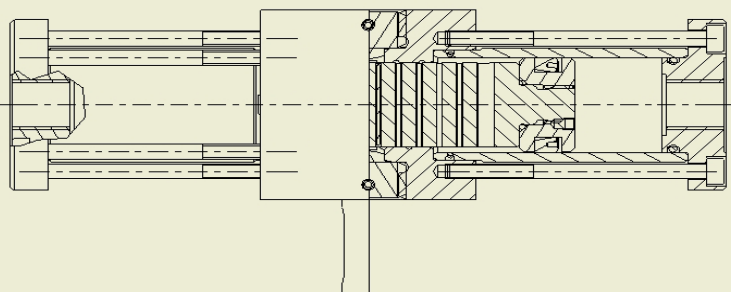
We will create an individual configuration of the drive according to your requirements with features such as:

- Necessary torque
- Required rotational angle
- Load-holding function on the entire rotational angle
- Detecting the position with the position measuring system or proximity switch
- Mounting method
- Connection options

We will be happy to advise you!



Hydraulic Rotary Drive, non-magnetic



- ▶ Compact dimensions
- ▶ Secure function
- ▶ High torque
- ▶ High positional accuracy
- ▶ Load-holding function

Example:

We individually developed this very compact hydraulic rotary drive built as a tie rod for the use in a processing machine. In addition to the compact dimensions, the materials used had to be non-magnetic so they don't interfere with internal processing procedures.

Technical Information:

Rotary Drive - SHDA.002.43.2.0-025-012-0180-0420	
Piston-Ø:	25 mm
Stroke Rack:	40 mm
Rotational Angle:	180 °
Torque:	max. 25 Nm
Operating Pressure:	125 bar
Test Pressure:	160 bar
Operating Mode:	double-acting
End Position Cushioning:	none
Piston Speed:	max. 0,5 m/s
Operating Fluid:	Hydraulic Oil HLP 46
Special Features:	<ul style="list-style-type: none">• All components are made of non-magnetic materials.• Load-holding function on the entire rotational angle