

Cylinders / Actuators

Multi-stage, Double-acting Telescopic with Mechanical Plunger and Load Holding Valve



Parker offers single- or double-acting single stage and telescopic mobile cylinders. Custom cylinders can be built in batch sizes from one piece to hundreds. We work with our customers to develop specifications in a wide range of sizes, pressures and mounting styles.

Multi-stage, Single-acting Telescopic



- Bore sizes up to 500 mm diameter
- Any practicable stroke length
- Operating pressures up to 500 bar
- Seal compounds to suit all standard fluids
- A wide range of materials and coatings
 - stainless steel
 - electroless nickel
 - nitriding
 - chrome and double-chrome plating
- Options include
 - loadholding valves
 - electro-hydraulic transducers
 - position switches
 - end of stroke hydraulic damping
 - protective rod boots
 - flow controls
 - flow fuses

MWA/MWB & HC20 Single Stage Cylinder



Double-sided Steering Cylinder



zc 01, zc 03

Cylinder	Cyl. Bore Ø mm	Pressure bar	Max Stroke mm	Load Holding Valves	Optional Seal Types	Position Switches	Customized Variants
MWA	50-200	250	4000	X	V	X	X
MWB	32-200	160	4000	X	X	X	X
HC20	25-200	160	2800	X	X	X	X

HTR Rotary Actuators



Rack and pinion rotary actuators deliver constant torque, in both directions. Parker offers single rack and double rack versions, with 'specials' to customer order.

- Output torques up to 68,000 Nm
- Standard rotations – 90°, 180°, 360°
- Specials up to five revolutions or more
- Up to 210 bar operating pressure



zc 02

