

Cylinders

HMI/HMD



- Tie rod cylinder for heavy duty applications
- Maximum working pressure 210 bar
- Standard bore sizes 25 mm to 200 mm
- Available in any practicable stroke length
- Mounting styles and dimensions to ISO 6020/2 and DIN 24 554
- Up to three rod sizes per bore
- Piston rod diameters 12 mm to 140 mm
- Up to three male and three female rod end threads per bore, plus custom designs
- Up to 12 standard mounting styles
- Detachable gland for easy maintenance
- Parker profiled cushion for increased performance and productivity
- Wide range of mounting accessories
- Single and double rod designs
- Seal types to suit a wide variety of operating environments

2H



- Tie rod cylinder for heavy duty applications
- Maximum working pressure 210 bar
- Standard bore sizes 38.1mm to 304.8 mm
- Piston rod diameters 15.9 mm to 215.9 mm
- Rod ends: three standard choices, specials to order
- Available in any practicable stroke length
- 17 standard mounting styles
- Detachable gland for easy maintenance
- Parker profiled cushion for increased performance and productivity

3L



- Tie rod cylinder for medium duty applications
- Maximum working pressure 70 bar
- Standard bore sizes 25.4 mm to 203.2 mm
- Rod diameters 12.7 mm to 139.7 mm
- Available in any practicable stroke length
- Rod ends: three standard choices, specials to order
- 15 standard mounting styles
- Detachable gland for easy maintenance
- Parker profiled cushion for increased performance and productivity

HMIX



- Cylinders with integral feedback devices designed for use with servo and proportional valves in closed-loop applications
- Maximum working pressures up to 210 bar
- Bolt-on and integral manifolds available
- Full range of transducer types
- Wide range of stroke lengths available
- Simplifies machine design and reduces number of hydraulic lines
- Eliminates need for limit switches, deceleration valves, shock absorbers and mechanical linkages in many applications
- Integrally mounted valves eliminate assembly time and fittings
- Intrinsically safe and explosion proof designs available

Cylinders

MMA/MMB



- Maximum working pressures 250 bar (MMA) and 160 bar (MMB)
- Heavy duty, flanged 'mill' cylinders with bore sizes up to 320 mm
- Fatigue-free at rated pressure
- Mounting styles and dimensions to ISO 6022 (MMA) and ISO 6020/1 (MMB)
- Two rod sizes per bore
- Strokes available in any practical length
- Piston rod diameters up to 220 mm
- Detachable gland for easy maintenance
- Seal types to suit a wide variety of operating environments
- Parker profiled cushions for increased performance and productivity
- Wide range of options including feedback and position sensing

Custom Cylinders



- Bore sizes up to 500 mm
- Any practicable stroke length
- Working pressures up to 600 bar
- Welded, threaded head and tie rod designs
- Telescopic and single stage cylinders
- Single and double acting designs
- Various materials and coatings:
 - Stainless steel
 - Electroless nickel
 - Nitriding
 - Epoxy paint
- Options include:
 - Load holding valves
 - Electrohydraulic transducers
 - End of stroke cushions
 - Stop tubes
 - Position switches
 - Flow controls, flow fuses