

# Hydraulic Short Stroke Cylinder HKZ 500



## Operating conditions

- Operating pressure:** 500 bar, please contact us for higher operating pressures.
- Operating fluids:** Hydraulic oil on the basis of mineral oils, for example H, HL, HLP-oils per DIN 51524/51525. Other operating fluids like fire resisting fluids or water may be used upon request.
- Operating temperature:** By default the Hydraulic Short Stroke Cylinder is equipped with seals for a temperature range from -20°C to +80°C. High temperature resistant seals can be fitted without changes in design. If required please add order-index "X6" when ordering (see special designs – type designations).
- Piston travel speed:** Maximum 0,5 m/s, please contact us for higher speeds.
- Cylinder stroke:** The strokes as listed in the table can be limited to any length by installation of a bushing. The Hydraulic Short Stroke Cylinders HKZ 500 are also available with larger strokes (see order-index "Xo" in the type designation section)
- Special designs:** The most common special equipment with the related order-index "X" is mentioned in the type designation section.  
Additional piston sizes upon request.

## Piston force diagram:

