

## Double Acting Hydraulic Cylinder

The HLK-11060 series hydraulic cylinders are low-cost, general purpose products designed for use subsea use on ROV's, manipulators, hydraulic tooling and other submersible hydraulic systems.



## Features

- Manufactured from corrosion resistant materials
- Stroke length of 65mm as standard
- Compact and lightweight 25mm bore double acting cylinder

## Technical Specifications

### General

Cylinder Type	Double Acting
Materials	316 Stainless Steel, 6082 Aluminium
Product Finish	Hard Anodised
Ports	M8x1
Piston Diameter	25mm
Rod Diameter	15.87mm
Area Ratio	1.69
Dimensions	Stoke Lengths = 65mm (2.56")
Weight in Air	0.42kg (0.9lb)
Weight in Water	0.28kg (0.6lb)

### Hydraulic Performance

Maximum Working Pressure	207bar (3000psi)
Flow	0.5lpm to 6lpm (0.13gpm to 1.58gpm)
Fluid Type	Mineral: DIN 51524, ISO 11158, ISO 6743-4, ASTM D6158
Viscosity	Synthetic: Panolin Atlantis, HLP-Synth
Temperature	16cSt to 220cSt. VG 22-32 Recommended
Cleanliness Requirements	5-60°C (41-140°F) ISO 4406:19/17/14, NAS 1638:8, AS4059:9A/8B/8C

### Forces

Extend Force	10.2kN @ 207bar (2293lbf @ 3000psi)
Retract Force	6.0kN @ 207bar (1348lbf @ 3000psi)

### Environmental

Operational Depth	6000msw (19,680ft)
Operating Temperature	5-60°C (41-140°F)
Storage Temperature	0-70°C (32-158°F)
Humidity	0% to 100% Condensing

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SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE AND ARE SUBJECT TO SYSTEM CONFIGURATION