



Features

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

Product Overview

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.

Product 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	Stroke Lengths = 65mm (2.56")
Weight in Air	0.42kg (0.9lb)
Weight in Water	0.28kg (0.6lb)

Hydraulic Performances

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 Synthetic: Panolin Atlantis, HLP-Synth
Viscosity	16cSt to 220cSt. VG 22-32 Recommended
Temperature	5-60°C (41-140°F)
Cleanliness Requirements	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