

Tooling Selector Valve

The HLK-60120 Tooling Selector Valve is a cost effective and lightweight solution for the control of hydraulic tooling. Rated for an operational depth 3000msw, it is ideally suited for use on all types of submersible systems.

The standard configuration utilises a single bi-directional solenoid valve with a full open port centre stage to allow an open centre flow path in the idle state that provides a system or pump unload function to aid in power management within the hydraulic system power architecture.

Other valve types are available on request.



Features

- Compact and lightweight at only 1.7kg (3.7lb)
- Constructed from corrosion resistant materials
- Suitable for all types of industrial, marine or subsea applications

Technical Specifications

General

Number of Valves	1
Valve Type(s)	4/3 DCV Solenoid Spool Cartridge
Materials	6082 Aluminium
Product Finish	Hard Anodised
Work Ports	1/4" BSPP (ISO 1179)
Compensation Ports	7/16" SAE (SAE J1926-1)
Dimensions	(H) 208mm x (D) 68mm (8.2" x 2.7")
Weight in Air (kg)	1.7kg (3.7lb)
Weight in Water (kg)	1kg (2.2lb)
Electrical Connector Type & Pin	Subconn MCBH3M 3 Pin

Hydraulic Performance

Max. Working Pressure	207bar (3000psi)
Flow (lpm)	11.4lpm (3gpm)
Fluid Type	Mineral: DIN 51524, ISO 11158, ISO 6743-4 Synthetic: Panolin Atlantis, HLP-Synth
Viscosity	16cSt to 220cSt. VG 22-32 Recommended
Fluid Temperature	5-60°C (41-140°F)
Cleanliness Requirements	ISO 4406:17/15/12, NAS 1638:6, AS4059:7A/6B/6C

Electrical Requirements

Supply Voltage	24Vdc
Current Draw	1.5A Nom.
Communications	Direct to Coil

Environmental

Operational Depth (msw)	3000msw (9,840ft)
Operating Temp (C)	5-60°C (41-140°F)
Storage Temp (C)	0-70°C (32-158°F)
Humidity (%)	0% to 100% Condensing