



Features

- Hard anodized motor body for corrosion resistance
- Utilises standard Hydro-Lek whip for commonality with SAAB Seaeeye vehicle platforms
- Water jetting performances of 12lpm @ 150bar

Product Overview

The HLK-31090 Water Jet has been developed to assist in cleaning tasks needed on many sub-sea structures before intervention. Driven by a 3-phase motor, the pump can deliver 12 litres per minute at 150 bar through an orbital nozzle.

The nozzle can be deployed by a manipulator or fixed on the ROV and directed by the ROV itself. The Water Jet system can also be fitted to a dedicated skid with tilt control.

General

Pump Type	Triplex Plunger
Motor Type	3 Phase AC Induction
Materials	6082 Aluminium, Bronze
Seal Materials	Nitrile/NBR/Buna-N, PTFE
Product Finish	Hard Anodised
Work Ports	Outlet = 3/8" BSPP (ISO 1179) Inlet = 1/2" BSPP (ISO 1179)
Compensation Ports	1/8" & 1/4" BSPP (ISO 1179)
Dimensions	(L) 482mm x (W) 220mm x (D) 190mm (19" x 8.7" x 7.5")
Weight in Air	34.2kg (75.4lb)
Weight in Water	26kg (57lb)
Electrical Connector Type & Pin	M2PL4M with 1.5mtr Whip

Electrical Requirements

Supply Voltage	660Vac \pm 10%
Electrical Power	4.56kW
Current Draw	4.2amps
Frequency	60Hz

Hydraulic Performances

Max. Output Pressure	150bar (2175psi)
Max. Flow	12lpm (3.17gpm)
Fluid Type	Fresh Water/Seawater

Environmental

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