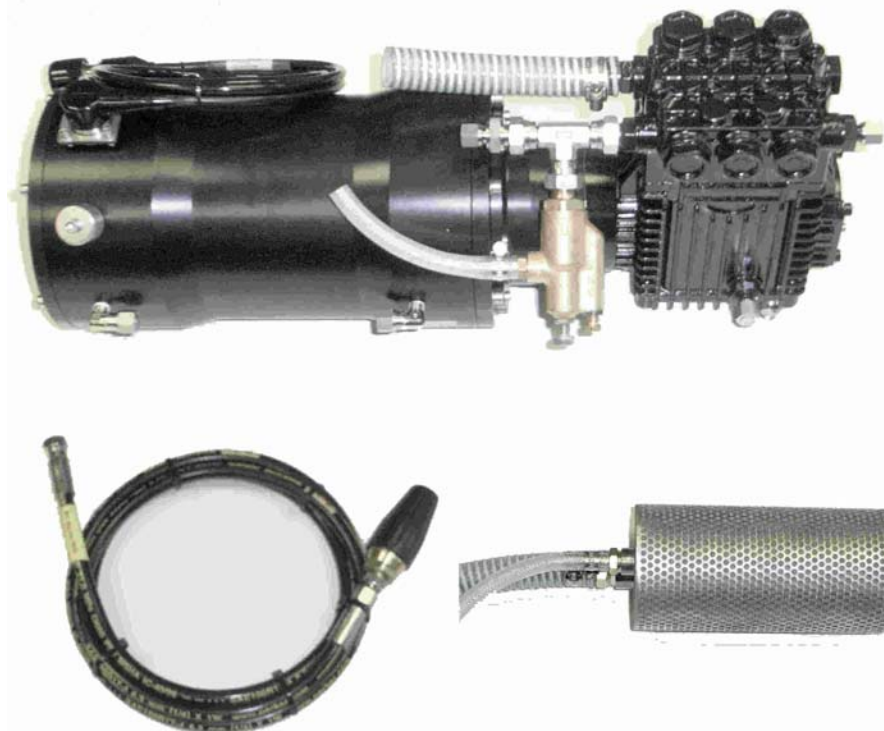




HYDRO-LEK

REMOTE HANDLING SPECIALISTS



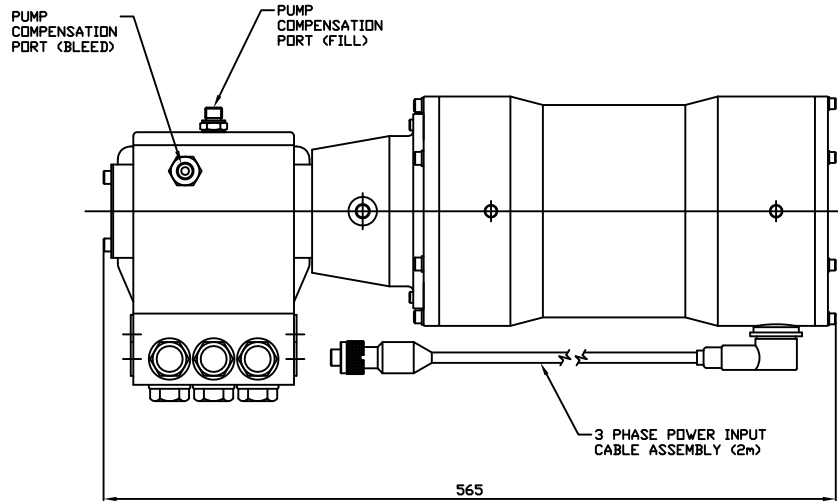
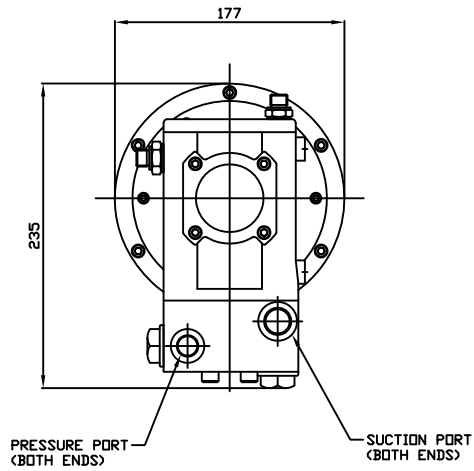
HLK-31020 Water Jet:

The HLK-31020 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 12.5 litres per minute at 110 BAR, though 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 is supplied with a stainless steel filter and an over pressure relief valve.

Specification:

Dimensions	Length	550mm
	Width	240mm
	Height	180mm
Electrical Power input		440 / 660V 3 Phase
		4.5KW (Nom)
Output		110 BAR at 12.5litre/min
Weight	Weight in air	38.0Kg
	Weight in water	27.0Kg
Construction		6082-T6 Hard anodised aluminium

ISS	DCN	DESCRIPTION	DATE	SIGN'	CHK'D
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SPECIFICATION

INPUT: VOLTAGE: 440 OR 660 VOLT 3-PHASE
POWER: 4.5kW (NOM)

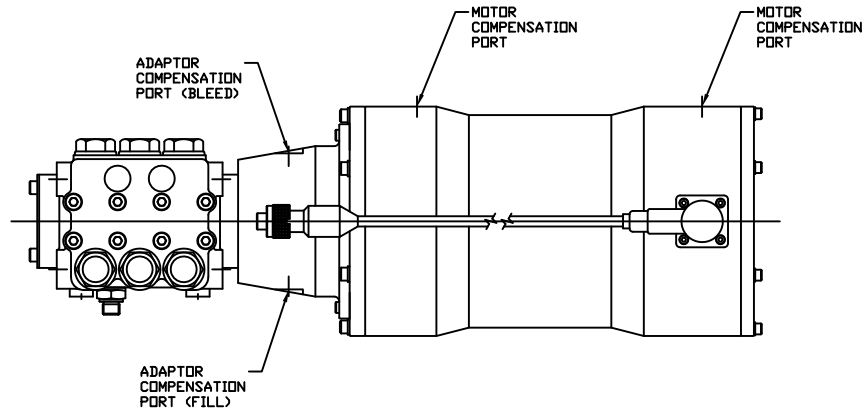
OUTPUT: PRESSURE: 110 bar
FLOW: 12.5 l/min

PORTS: PRESSURE: 3/8" BSPP (FEMALE)
SUCTION: 1/2" BSPP (FEMALE)
MOTOR COMP: 1/8" NPT (FEMALE)
ADAPTOR COMP: 1/8" NPT (FEMALE)
PUMP COMP: 1/4" BSPP (MALE)

DIMENSIONS: LENGTH: 565mm
WIDTH: 235mm
HEIGHT: 177mm
MOUNTING DIA: 164mm

WEIGHT: IN AIR: 38.0kg
IN WATER: 27.0kg

MATERIALS: ALUMINIUM ALLOY 6082-T6 (HE30)
HARD BLACK ANODIZED
STAINLESS STEEL - 316



Designed by JO	Checked by	Approved by -	File name HLK 31020-A Outline GA	Date 05/03/10	Scale 1:3
Hydro-Lek Limited Falcon House, Ivanhoe Road, Hogwood Lane Industrial Estate, Flinchamstead, Berks, RG40 4QQ. Tel: 0118 9736903			WATER JET - 3ph 4.5kW MOTOR		
			HLK 31020	Issue A	Sheet A3