

Dirty Oil Pack (IHPU)



This Dirty Oil Pack is an Isolated Hydraulic Power Unit (IHPU) that can be easily incorporated into a ROV hydraulic system to provide an isolated hydraulic supply for driving tooling and equipment that may potentially otherwise cause contamination to the main ROV hydraulic supply.

The Unit is a fully self-contained circuit incorporating hydraulic motor, pressure compensated pump, compensated reservoir, pressure and return line filters and multiple inlet/outlet connection points. Hook-up to the ROV is quick and simple by connecting a supply, return and drain line to a ROV valve pack function.

Specifications

DEPTH RATING	Full Ocean Depth
PUMP	Rexroth A10VSO 18cc Pressure Compensated
MOTOR	Parker F1-25cc Fixed Displacement
SAFETY VALVE	Adjustable Pressure Relief
WEIGHT IN AIR EMPTY	41.5kg (approx.)
WEIGHT IN WATER	31.5kg (approx.)
MAX OUTPUT PRESSURE	200 Bar
MAX OUTPUT FLOW @ 200 BAR	57.6 l/min
RESERVOIR CAPACITY	2.7 litres (additional compensators available)
MOTOR OPERATING PRESSURE REQUIREMENT	170 - 200 Bar, Max
MOTOR OPERATING FLOW REQUIREMENT	up to 80 l/min
ANALOGUE LEVEL SENSOR CONNECTOR (OPTIONAL)	Subconn MCBH-3M
PRESSURE MANIFOLD OUTLETS	6 x 3/4" SAE (3/4-18 UNF) and 1 x 11/16" SAE (11/16-12 UNF)
RETURN MANIFOLDS INLETS	6 x 3/4" SAE (3/4-18 UNF) and 1 x 11/16"
SAE	(11/16-12 UNF)

SUB-ATLANTIC PART NUMBERS

- Dirty Oil Pack: SA-H-4016-MAS
- Drawing Number: 4038-GA

FORUM SUBSEA TECHNOLOGIES

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