

DIRTY WORK PACK

GEN-2 COMPACT
ISOLATED HYDRAULIC
POWERPACK



Description

This Dirty Work 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 bellhousing, pressure and return line 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.

Can also be delivered with compensated reservoir and electric/hydraulic operated directional valve as option.

Features

- 207 / 345 Bar pump supply
- 45 L/min pump flow
- Integrated flow control valve
- Compact and ROV friendly design (Gen-2)
- Mineral oil or water based fluid
- Rated to 3000 MSW
- Bulkhead connection
- Steel protection housing

SPECIFICATIONS

ISOLATED HYDRAULIC POWER UNIT

General Technical Specifications

Type	Isolated Hydraulic Power Unit
Part Number	116584
Dimensions	mm 589 x 284 x 269
Weight (in air / submerged)	kg ~61 / ~47

Hydraulic

Max. Input Pressure	Bar 207
Max. Output Pressure	Bar 207 or 345
Max. Input Flow	L/min 90
Max. Output Flow	L/min 45

Fluid Compatibility** Output Mineral oil, Control Fluid and Water based glycol

Connection ROV pressure	JIC #12
Connection ROV return	JIC #12
Connection ROV drain	JIC #8
Connection DWP supply	JIC #16
Connection DWP case drain	JIC #8
Connection DWP suction	JIC #20
Connection DWP ext. regulator	JIC #4

General Features

Depth rating MSW 3000

** Please contact us for more information regarding fluid compatibility.

