

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 hydralic 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
- Mineral oil or water based fluid
- Rated to 3000 MSW
- Bulkhead connection
- Steel protection cover



SPECIFICATIONS ISOLATED HYDRAULIC POWER UNIT

General Technical Specifications

Туре		Isolated Hydraulic Power Unit
Part Number		103319
Dimensions	mm	550 x 244 x 600
Weight (in air / submerged)	kg	~41 / ~32
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	#8
Connection ROV return	JIC	#12
Connection ROV drain	JIC	#6
Connection DWP Supply	JIC	#8
Connection DWP Case Drain	JIC	#6
Connection DWP Suction	JIC	SAE 1-1/4" Flange
Connection DWP Ext. Regulator	JIC	#6 (OPTIONAL)
General Features		
Depth rating	MSW	3000

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



The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement. Envirent AS, Robotvegen 16, 4340 Bryne, +47 477 77 500 post@envirent.no

