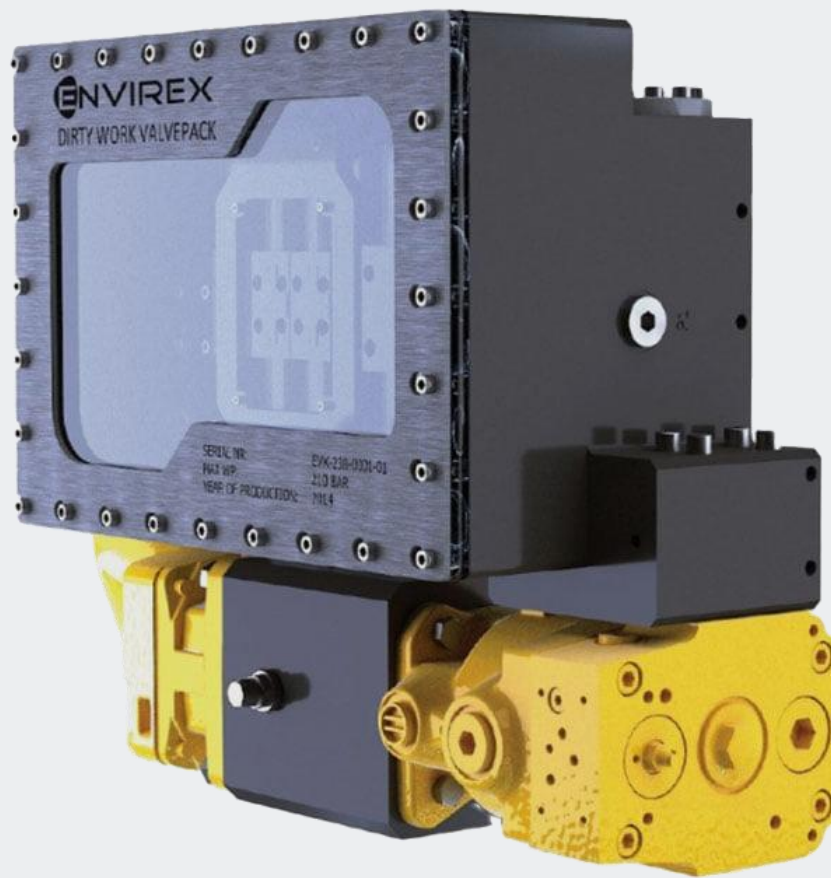


Dirty Work Valve Pack

ROV tooling hydraulic valve pack



- Integrated control system
- Integrated pressure intensifier
- Integrated pressure test arrangement
- 690 Bar Booster Supply (HP Output)
- RS232, 485 and Ethernet communication
- Integrated flowmeter
- Integrated pressure filter
- 207 Bar Pump Supply (LP Output)
- Rated to 3000MSW

Specifications

Dirty Work Valve Pack

General technical specifications

Type	Dirty Work Valve Pack (all-in-one unit)
Part number	102086
Weight in air	kg ~90
Dimensions (W x H x L)	mm 840 x 700 x 600
Depth rating	MSW 3000 meter
Operation temperature	-10°C / + 60°C (14°F / 122°F)

Hydraulic

Max. input pressure	Bar (PSI)	207 Bar (3.000 PSI)
Max. input flow	L/Min (USG)	75 (19.8)
Max. output pressure – LP	Bar (PSI)	275 (4.000)
Max. output pressure – HP	Bar (PSI)	690 (10.000)
Max. output flow	L/Min (USG)	40 (10.5)
Fluid compatibility **	Input	Mineral Oil (10 – 200 cSt / optimal 25 – 35 cSt)
	Output	Mineral Oil
		Water based Glycol *
Typical flow range – Output 1 and 2	L/Min (USG)	40 (10.5) (Pmax 275 Bar / 4.000PSI) – NG6
Typical flow range – Output 3, 4 and 5	L/Min (USG)	20 (5.25) (Pmax 275 Bar / 4.000PSI) – NG4

*Please contact us for more information regarding fluid compatibility

Connections

ROV pressure	3/4" BSP Female
ROV return	3/4" BSP Female
ROV Drain	1/2" BSP Male
Pump suction port	1-1/4" SAE Code 61
Pump return	3/4" BSP Female
Pump case drain	1/2" BSP Male
Output pressure LP (Output 1 to 5)	1/4" BSP Female
Outlet pressure HP	1/4" AE MP Female

Electrical

PCB	ixsys Control PWM PCB
Nominal voltage	20..30VDC
COMS	Ethernet (RS232 / 485 Optional)
Connector	55 series – Shell size 15 – 8-Pin

Note: 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.

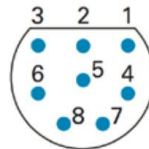
Specifications

Dirty Work Valve Pack

Pin-out (PWR & COMS)

Pin 01 – 0 VDC	Pin 05 – Ethernet TX+
Pin 02 – 24 VDC	Pin 06 – Ethernet TX-
Pin 03 – RS 485 + / RS 232 TX	Pin 07 – Ethernet RX+
Pin 04 – RS 485 - / RS 232 RX	Pin 08 – Ethernet RX -

Connector face view



- Connection ports for ROV, pressure return and drain from motor – 1
- Connection ports for external sensors – 2
- Connection ports for tooling – 3
- Connection port for pressure testing – 4

