



FULL PRODUCT SPECIFICATION

Individual male and female self sealing hydraulic couplings which allow deployment and intervention using a work class free flying ROV.

The male fixed coupling is attached to the sub-sea structure and is self sealing with a metal poppet. The female free coupling is a self-sealing metal poppet with dual resilient seals on the retrievable half. Seal selection is dependent on chemical / fluid types. The couplings are designed for system pressure make and break by R.O.V.

DESIGN FEATURES

- Coated ROV handle for visibility / durability subsea
- Carrier frame for jumper
- Parking receptacles
- Long term dummies

Handle Types :

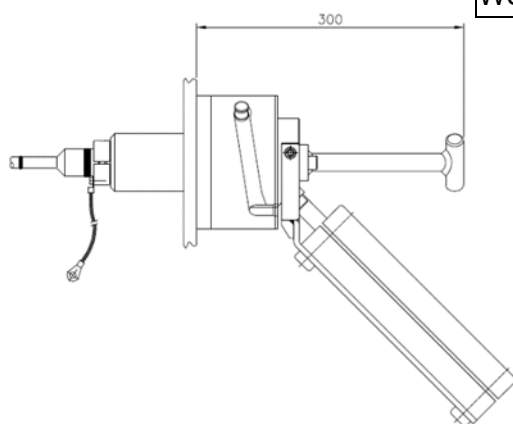
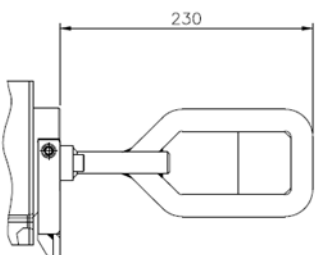
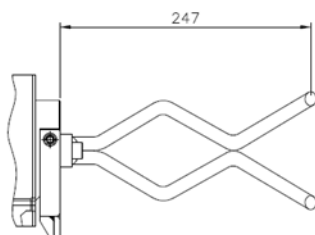
1. T-Type
2. D-Type
3. Fishtail

Coupling Types :

1. Non-Vented
2. Vented
3. Poppetless

Seal Materials:

1. Nitrile 90°
2. Elast-o-lion
3. Chemraz 510
4. Kalrez 4079
5. Kalrez 0090
6. Viton



GENERAL	
Maximum Working Pressure	690 BAR / 10000 PSI
Break Out Force	1000m Depth + 1.7 kN
Nominal Bore Size	3/8" (9.52mm)
CV (Depending on End Fitting)	1.9 Max
Make up Force—No line Pressure	150N Spring Force
Separation Force	160 x Line Pressure (N/mm)
Seawater Break Open	15 BAR

MATERIALS	
Male	Nitronic 50 HS
Female	ST STL 316L

WEIGHT & DIMENSIONS	
Male Location Ring	Ø150mm
Weight Female (Ex. Carrier frame)	6 kg
Weight Male	8.5 kg

