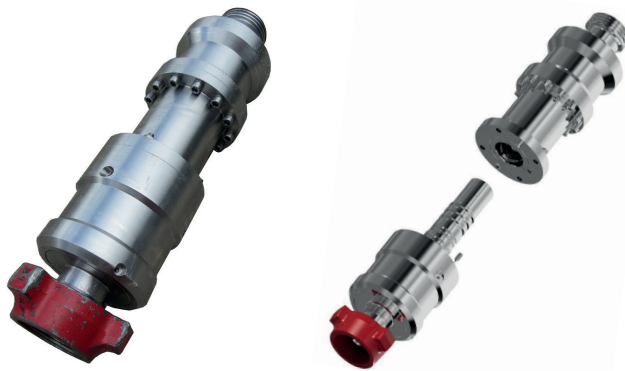




# MID LINE WEAK LINK

## Emergency Quick Disconnect (EQD)

The Mid-Line EQD is a full-bore, straight through, pressure balanced emergency quick disconnect (EQD) device suitable for operating up to 1000m. In the event of an overpull on the attached hose, the unit will separate and internal barriers will close off to prevent discharge of fluid to the marine environment.



### OPERATION

The pressure balanced breakaway connector can be mounted on deck or mid-line in a hose. It is held together with prestressed tension pins. When the line tension exceeds the pin strength, they break, initiating the disconnect sequence. Once disconnected, the valves seal preventing discharge from both ends of the connector. The design ensures that marine discharge is minimised in the cycle.

Hold back clamps are available with each connector.

The unit is also available with hydraulic override capability allowing it to be included into an ESD system.

### SPECIFICATIONS

- Maximum operating pressure, 345 Bar (5 ksi)/690 Bar (10ksi).
- Operating temperature range, -18°C to +82°C.
- Maximum operating depth, 3000m, API Class FF (Super Duplex).
- All products are supplied with EN 10204 3.1 certification as standard.
- Full pressure tests in accordance with API 6A 17D PSL 3 is supplied as standard. PSL3G can be supplied at additional cost.
- Full document packages are supplied with goods and include Certificate of Conformity and test report.
- Single easy to use documentation package.
- Full 3rd party witness inspection can be offered at additional.

Nominal Bore Size (inches)	Pressure Rating (Bar)	Length (mm)	Diameter (mm)	Total Weight (kg)	Male Weight (kg)	Female Weight (kg)
2	345	583	162	80	34.0	46.0
2	690	583	180	100	45.5	54.5
4	100	700	250	120	72.8	35.8