



# PLATFORM EQD

## Vessel Platform Transfer Emergency Quick Disconnect

Flint Subsea are experienced in the design, supply and qualification of vessel – platform transfer couplings. We have supplied complete disconnection systems for operations from FPSO to wellhead platforms, downlines from service vessels and vessel to subsea templates.



### OPERATION

The pressure balanced breakaway connector can be mounted on deck or mid-line in a hose. It is held together with pre-stressed 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 eye bolt sockets supplied as standard on all breakaway connectors. The unit is also available with hydraulic override capability allowing it to be included into an ESD system.

### Testing/Documentation

- 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 cost.

### Materials

The materials of construction depend upon service. Our standard designs incorporate the following:

- Body/Flange : Super Duplex 32760
- Stab : Super Duplex 32760
- Trim : Stainless Steel 316
- Fasteners : A4 Class 70 Stainless Steel
- Seals : HNBR

Nominal Bore Size (inches)	Pressure Rating (Bar)	Length (mm)	Diameter (mm)	Total Weight (kg)	Male Weight (kg)	Female Weight (kg)
2	345	583	162	56	34.0	16.7
2	690	583	162	75	45.5	22.4
4	345	700	250	120	72.8	35.8
6	100	850	325	150	87.5	62.5