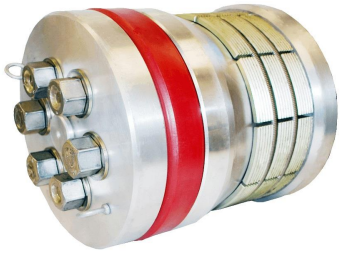
Unit no. GTRP-MAX-14P80-001

IKM Testing AS



TEST PLUG HYDROSTATIC 14" SCH 80

Dimensions

Lifting/ Transportation.....: Transportation on pallet

Construction year

Built.....: 2020

Area of use / certification

Onshore/offshore.....: Offshore

Type

Item type.....: Grip Tight Reverse Plug
Fabricator.....: Curtiss Wright
Model.....: GTRP-MAX-14P80-5575

Flow / Pressure / Volume

P-max (bar).....: 384,0
Nominal Pipe Size (Inches).....: 14.00
Nominal Pipe Schedule.....: 80
Plug Outside Ø (mm).....: 312.7
Clearance with pipe (mm).....: 4.8
Range of use - Minimum (Ø mm)....: 315.5
Range of use - Max recom.(Ø mm).: 327.2
Plug Length (mm).....: 342
Minimum temp. (GrC).....: -23
Max temp. (GrC).....: 82

P-max (PSI).....: 5575

Additional information

Equipment / Functions.....: Compatible Test Media: Water, Air, Glycol (Low Temperature Applications)

Installation:

Normal Installation Torque : 217 Nm
Maximum Installation Torque : 380 Nm

Eliminate concerns over inadequate joint strength when pressure testing welded flange connections.
Previous flange weld testing devices have been shown to apply only radial and hoop stresses to the weld location. Use of these devices for pressure testing will not adequately test or verify the longitudinal strength of the flange-to-pipe weld.

- The plug and test flange act independently of each other so that the weld joint is subjected to real world stresses during pressure testing
- Flange to pipe welds are tested without needing to pressurize the entire system
- Available for pipe sizes ranging from 2" to 12" (DN50 - DN300). Larger sizes available upon request.

FEATURES & BENEFITS:
- Real World Service Conditions – Provides a solution where the weld joint is subjected to 100% of the hydrotest stress – radial, hoop and longitudinal Test simulates.
- Sizes from 2" through 14" NPS from stock – larger or smaller sizes available.
- High Performance – Working pressures to 2,250 psig (154 Barg) - higher pressures available
- Safer – Uses proven GripTight – self gripping action
- Reduce Cost – Uses a minimal amount of water per test