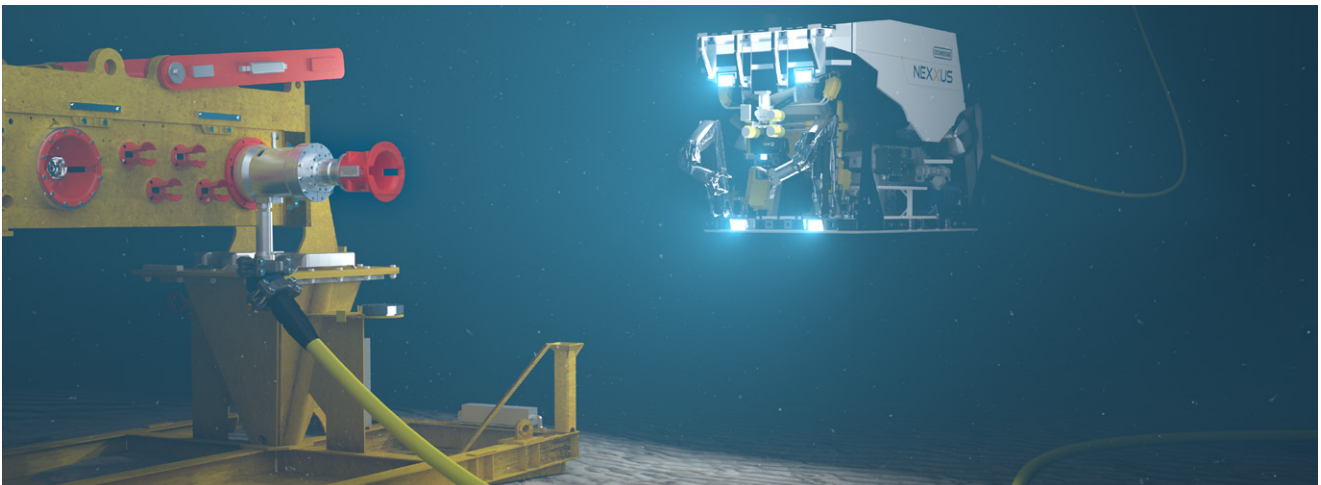


# Single Bore, High Volume Jumper

Complete solutions for high flow requirements



The Oceaneering<sup>®</sup> single bore, high volume jumper is a complete connection solution combining the required end fitting option with a crush and collapse resistant hose conduit. Jumper solutions are available for dynamic and static applications.

## FEATURES

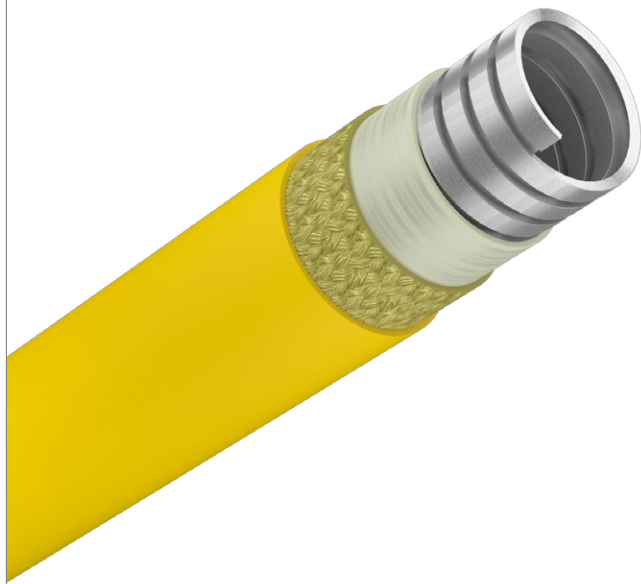
**Multiple end fitting options**

**Additional tensile strength options**

**Complete, recoverable jumper assembly**

# Single Bore, High Volume Jumper

Oceaneering recommends the use of a carcass lined hose paired with the termination necessary to meet project requirements when addressing jumper needs for high volume, deepwater applications. Oceaneering offers solutions for clamped jumpers, free hanging jumpers, and subsea to subsea jumper connections.

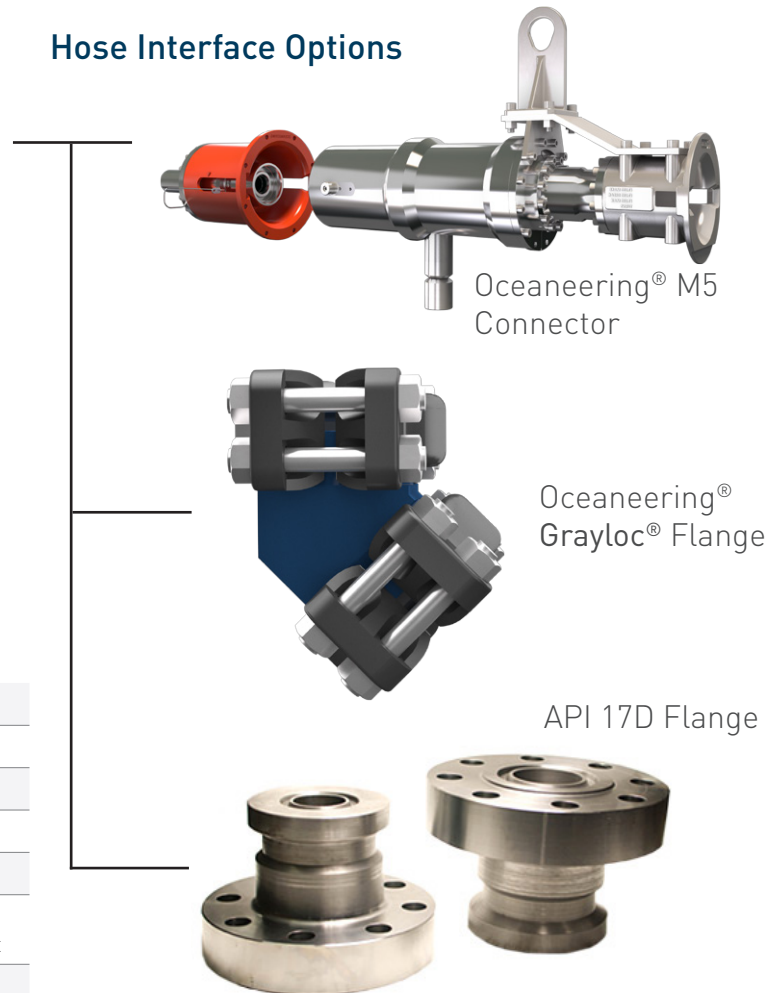


## Hose Technical Data

Bore size	2 in / 50.8 mm
Max working pressure	5,000 psi
Outer diameter	3 in / 75.5 mm
MBR of hose	49.21 in / 1.25 m
Bend stiffness	0.3 kNm <sup>2</sup>
Bend protection	Design may include BSR or VBR at hose connection point
Volumetric expansion at working pressure	12.7%
Hydrostatic collapse pressure	4,800 psi
Max temperature	104° F / 40° C
Fluid compatibility	Extensive list of fluids tested
Pressure reinforcement and outer protection	Double aramid fiber braided and oversheathed for abrasion resistance

Please note this is representative of one Oceaneering solution to meet the demands of high flow applications. Oceaneering has a diverse portfolio of options to meet all needs.

## Hose Interface Options



Single bore, high flow jumpers are used for applications including:

- » Gas lift
- » High-flow chemical injection and distribution
- » Well stimulation
- » Hydrate remediation
- » Flooding and venting operations
- » Chemical injection and scale squeeze