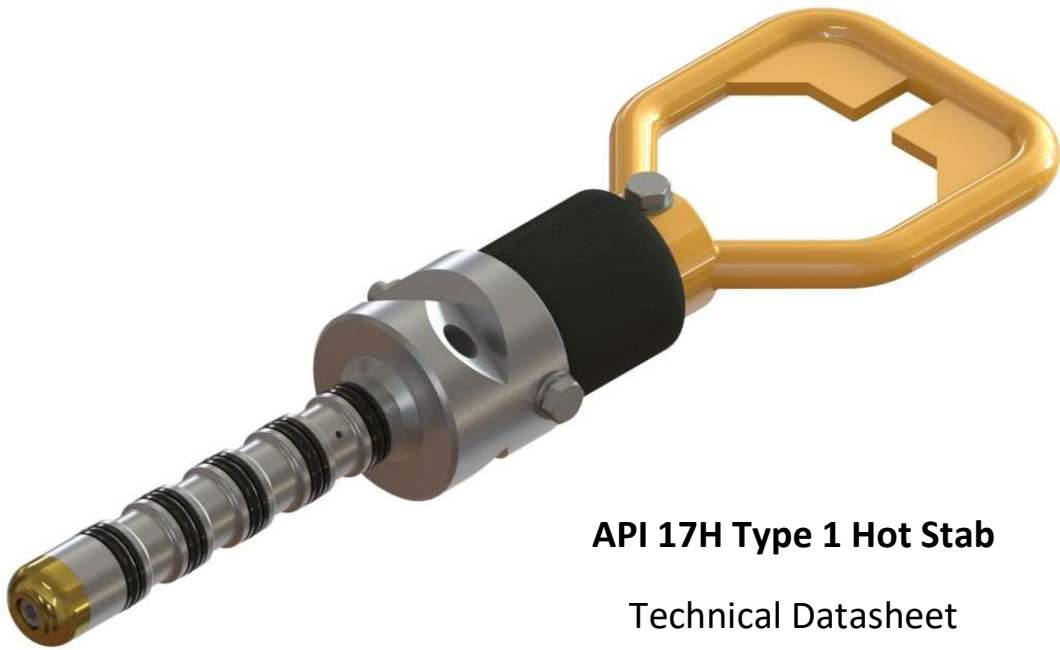


Secc



API 17H Type 1 Hot Stab

Technical Datasheet

 **CYGNET GROUP**
COMPANY

API 17H Type 1 Hot Stab and Receptacle Datasheet

DESIGN BASICS			
Coupling Type	API 17H Type 1 Hot Stab and Receptacle		
Coupling Size	1-3/8", 1-3/4"		
Stab Bore Ø	3.2 mm		
Pressure Rating	Up to 15,000 psi (1034 bar)	Test Pressure	Up to 22,500 psi (1551 bar)
Max Operating Depth	10,000 ft. (3048 m)	Operating Temperature	-18°C to +66°C
Flow Path	90°		
Design Code	API 17H / ISO 13628-8		
Material Classification	API 6A & API 17D PSL 3 PR2 for Other End Connectors (OEC) – PSL 3G available on request		
Quality Assurance	API material class FF (HH available) in accordance with NACE MR0175		
Certification Level	ISO 9001:2015 and full traceability		
Operational	EN 10204 3.1 (EN 10204 3.2 available on request)		
Breakaway Control	Passive		
Load to Disconnect	J-lock option. Pressure balanced		
Mounting	≈ 25kg		
Installation	Horizontal or vertical (mounting flange or side mounted receptacle design)		
Alignment Method	Via ROV handle (interface in-line with ISO 13628-8)		
Design Life	Anti-jamming nose, 360° rotation alignment		
Additional Features	25 years (metallic components)		
Options Available	High strength flexible handle mechanism		
	Xylan / Molybdenum protective coating, Stab soft guide nose		
HANDLE PERFORMANCE			
Maximum Force Applied in any Direction	2.2 kN	Maximum Torque	300 Nm
BASIC WEIGHT AND DIMENSIONS (QUAD PORT)			
Stab Dimensions	15,000 psi – Live Hot Stab w/D-Type Handle: 513 mm (L) x 153 mm (W) x 82 mm (D)	Receptacle Dimensions	15,000 psi – Live Receptacle: 159 mm (L) x 80 mm (W) x 80 mm (D)
Stab Weight in Air	5.9 kg	Receptacle Weight in Air	4.8 kg
CONNECTION DETAILS			
Connection Methods	ROV/Diver. D-type, T-bar, X-bar handles available		
Stab Inlet Connections	3/8" HP Autoclave – others available	Receptacle Outlet Connections	3/8" MP Autoclave – others available
MATERIALS			
Receptacle	SS316, SD S32760, Nitronic 50, Nitronic 60 or 17-4PH	Fasteners	Super Duplex S32760
Stab Elastomeric Seals	Super Duplex S32760 HNBR	Non-Pressure Bearing	Super Duplex S32760
TESTING REQUIREMENTS			
Pressure Test	API 6A PSL 3 (3G Available)	Impact Testing	ASTM A370
Qualification Test	API 6A, 17D PSL 3 PR2	Hardness Testing	ASTM E10 / ASTM E18
Ultrasonic	API 6A PSL 3	Magnetic Particle	API 6A PSL 3
Dye Penetrant	API 6A PSL 3	Radiography	As Required
Corrosion Testing	ASTM G48 Method A		
WITNESS REQUIREMENTS			
Customer Witness	Available	Third Party Witness	Available at additional cost
PAINTING REQUIREMENTS			
Painting Specification	Norsok M501 System 7	Colour	Handle - Orange RAL 2004
NOTES / ADDITIONAL REQUIREMENTS			

These figures are based on known and estimated data. Secc reserves the right to change specifications without notice.

Figure 1 – Type 1 Quad Port Hot Stab and Receptacle with Handle Configurations

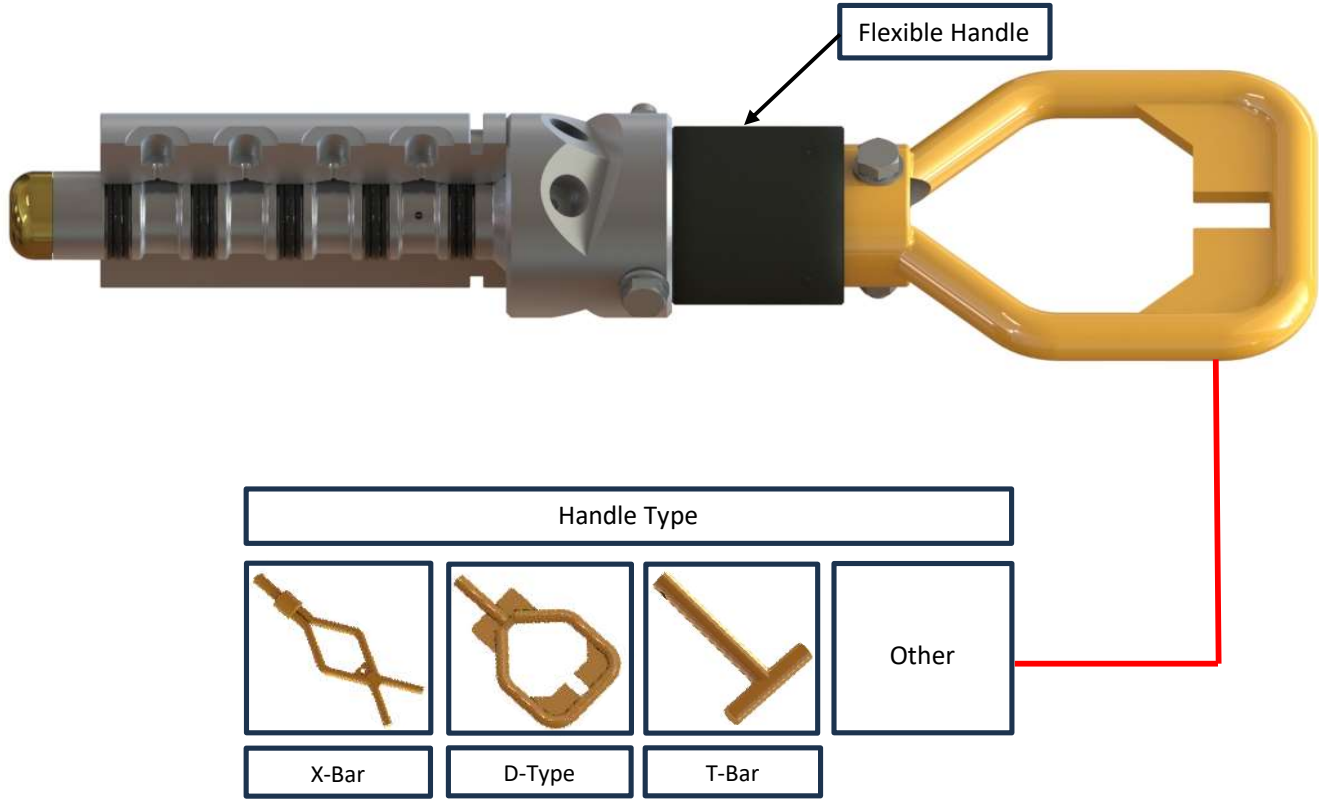


Figure 2 – Dummy Hot Stab (Pressure Retaining)



Figure 3 – Dummy Plug Stab (Non-Pressure Retaining)



Figure 4 – Quad Port Live Receptacle and Mounting Flange

