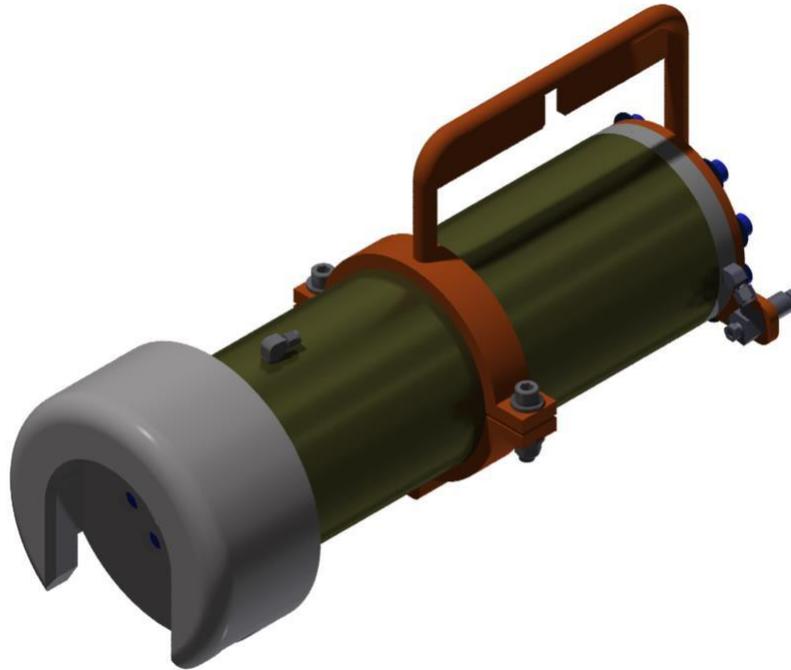


SSA-OMM-01

205 KIPS Linear Valve Override Tool



Type A, B, and C Interface 205 KIPS Linear Valve Override Tool P/N: SSA -001

The 205 KIPS Linear Valve Override Tool is designed to mechanically override linear actuator operated valves that have lost primary hydraulic control functions. The tool can integrate with an ROV operated lock out tool in order to permanently lock out the valve. The LVOT, via hydraulics, provides the necessary override force to override the valve in question. The tool can be configured to interface with ISO 13628-8/API 17H Type A, B, and C linear push interfaces.

PHYSICAL SPECIFICATIONS

Table 1: Physical Specifications

Attribute	Details
Shipping Dimensions	31 IN X 24 IN x 17.5 IN [787 MM X 609 MM X 444 MM]
Tool Dimensions	25.25 IN X 13.9 IN X 10 IN [641 MM X 332 MM X 254 MM]
Weight in Air	171 LBS / 78 KG
Weight in Water	142 LBS / 64 KG
Maximum Override Force	205,000 LBS
Stroke Length	Adjustable Between 11 IN
M.A.W.P	10,000 PSI

MATERIAL SPECIFICATIONS

Table 2: Material Specifications

P/N	Description	Material
ITH-02-0004-DWG-002	Main Body	TI-6AL-4V
ITH-02-0005-DWG-006	End Cap	Inconel 718
ITH-02-0005-DWG-013	ROV Handle	316 SS
ITH-02-0004-DWG-015	Piston	17-4 PH
ITH-02-0005-DWG-007	Type B Interface	17-4 PH

OPERATION SPECIFICATIONS

Table 3: Operational Specifications

Item	Operation Details
Input Pressure	✓ 10,000 PSI
Output Load	✓ 205,000 LBS
Maximum Holding Load	✓ 205,000 LBS
Bore Diameter	✓ 5.12 Inches
Output Load Equation	✓ Output Load = Input Pressure x 20.56

