

Self Fill Tubing Tester Valve (SFTTV)

The SFTTV (Self Fill Tubing Tester Valve) provides a means of pressure testing tubulars while running in the hole. The flapper valve in the tool will only support pressure from above thereby allowing completion fluid to enter the test string via the bypass.

Specifications:

Working Pressure (psi/Mpa)	15,000psi/103.42 Mpa
Working Temperature (°F, °C)	350°F / 175°C
OD (in/mm)	5" / 127mm
ID (in/mm)	2.25"/57.2mm
Upper Thread connection	3 ¾" Stub Acme, 6 TPI
Lower Thread connection	3 ¾" Stub Acme, 6 TPI
Tensile Strength	350,000lb/155,600daN
Tensile strength at Max working Pressure	30,000lb/13,345daN
Tool Length (in/mm)	74in/1879mm
Tool Weight (lbs/kg)	572 lbs/ 260 kg
Service condition	H2S per Nace MR-01-75

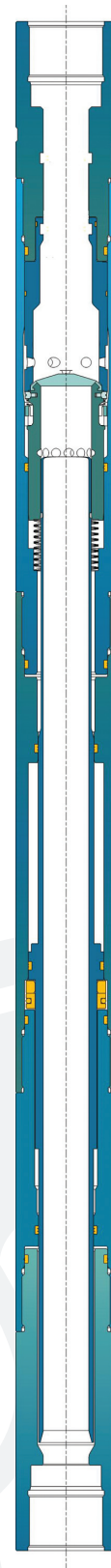
Operation:

When used in conjunction with permanent packer systems, the SFTTV will allow fluid bypass when both stringing into and out of the packer. This is possible by the incorporation of a normally open bypass port which enables multiple entry to permanent packers without operating the tool.

When required the SFTTV can be fired open by applied annulus pressure of circa 500psi.

The basic functions of the SFTTV are:

- To allow fluid fill of the tool string during entry
- To provide a method of testing the tool string during entry.



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