

### DESCRIPTION

The Tubing Tester Valve (TTV) is an annular rupture disc controlled pressure test valve used to pressure test the tubing or drill string. As the TTV is run-in-hole, the tubing will automatically fill as the flapper mechanism acts as a check valve. At any depth the string can be pressure tested by applying tubing pressure. To lock open the TTV, annular pressure is applied rupturing a disc to shift the internal mandrel and hold open the flapper.

### APPLICATIONS

- Drill stem testing
- Tubing integrity tests
- Flex trips

### FEATURES

- Flapper-style check valve
- Precise rupture disc activation
- Debris cleared easily by reverse circulation
- Full-bore once activated
- Locked in place once activated
- Withstands high differential across flap
- No activation required before pressure testing
- Auto-fill feature via tubing or annulus

### SPECIFICATIONS

	3090BA	3090AS
O.D. in [mm]	5.0 [127]	3.125 [79]
I.D. in [mm]	2.25 [57]	1.125 [29]
LENGTH in [m]	63 [1.6]	72 [1.8]
WEIGHT lb [kg]	256 [116]	126 [57]
MAX TEMPERATURE degF [degC]	350 [177]	350 [177]
PRESSURE ABSOLUTE psi [kPa]	15,000 [103,421]	15,000 [103,421]
PRESSURE DIFFERENTIAL AGAINST FLAPPER psi [kPa]	15,000 [103,421]	15,000 [103,421]
PRESSURE DIFFERENTIAL (annulus/tubing) psi [kPa]	15,000 [103,421]	15,000 [103,421]
MAX TENSILE STRENGTH lbf [kN]	534,000 [2,375]	200,000 [890]
CONNECTIONS (premium connections available)	API or Premium Available	API or Premium Available
SERVICE	Standard or Sour Service (NACE MR0175)	Standard or Sour Service (NACE MR0175)



\*These specifications are guidelines only. Refer to the equipment technical manual, or contact Northstar for more information.