



GENERAL VALVE TWIN SEAL

High Integrity Double Block & Bleed plug Valve 8000 SERIES

GENERAL VALVE TWIN-SEAL HIGH INTEGRITY DOUBLE BLOCK & BLEED NON LUBRICATED EXPANDING PLUG VALVE. The valve features perpendicular expansion and contraction of seating slips mounted independently on a rotating trunnion mounted taper plug, Turning the operator rotates the plug 90°. Resilient seals are permanently bonded into grooves in the slips. Plug electroless nickel coated and body internals chrome plated. The valve provides bubble-tight shut off on both upstream and downstream side. Slips are removable for maintenance without the need to remove the valve body from the line. Designed to conform to API6D, inspected and tested in accordance with API 598. Certified Fire Tested in accordance with API 6FA , BS6755 Part 2 and API 607 edition 4.

Features

The main characteristics of the double block & bleed valves for “fiscal control” are :

- Perfect seal
- Minimum friction between shutter and seat, avoiding the blocking problems
- Stem seal maintenance free
- Easy and quick handling
- Thanks to the perfect surfaces finishing and the particular seats profile a very good reliability is guaranteed. Allowing to compensate automatically possible weariness

Applications

The double block & bleed valve is specifically requested by the Italian and other countries Finance Ministry for the product transfer fiscal verifications, where it is foreseen a manufacturing tax, for example between a refinery and oil depot.

In order to guarantee, and to verify visually too, the effective closing of the line at the end of the transfer operation, the Italian Finance Ministry require the Twin Seal valve, which can be sealed in closing position.

STANDARD MATERIALS OF CONSTRUCTION

BODY	:	Cast carbon steel ASTM A216-WCC, Body Bore Chrome Plated
PLUG	:	Cast Ductile Iron ASTM A536 Grade 65-45-12, Manganese Phosphate Base Coating , P92 Intermediate Coat with Fluoropolymer Top Coat
BONNET **	:	Carbon steel ASTM A36 Plate
LOWER PLATE **	:	Carbon steel ASTM A36 Plate
STEM	:	410 SST, NACE Compliant
SLIPS	:	Cast Ductile Iron ASTM A536- 65-45-12, Manganese Phosphate Coated
PACKING GLAND	:	ASTM 17-4 PH, NACE Compliant
FYRE RING	:	Grafoil with Inconel 600 Twist
FYRE PACK	:	Grafoil with AISI 302 Live Loaded SS Cap
FASTENERS	:	ASTM A193-B7
O-RINGS & SLIPS SEALS	:	VITON

Other materials available upon request