

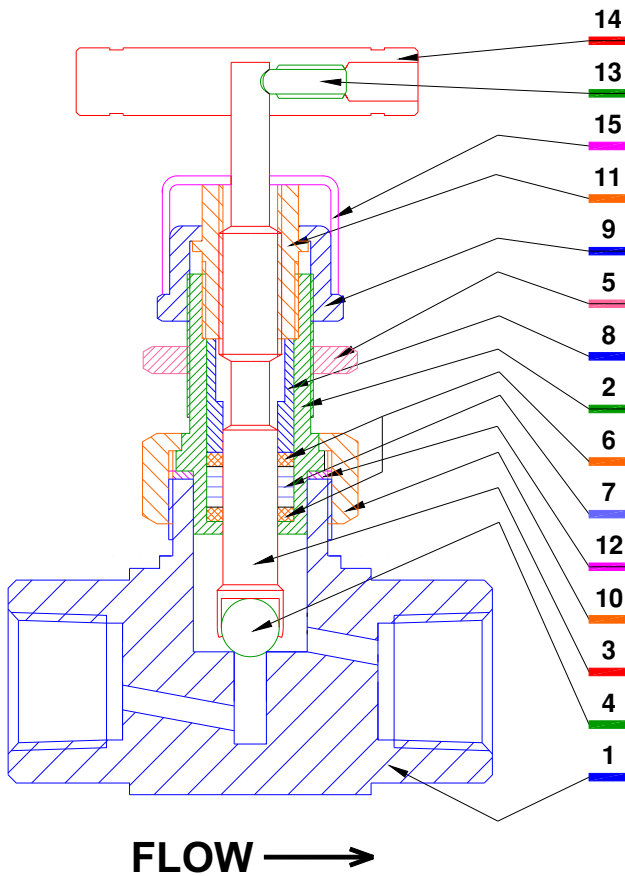


S.D. INDUSTRIES

UNION BONNET NEEDLE VALVE

HIGH PRESSURE - SEVERE SERVICE

MODEL : UNVS 



NO	DESCRIPTION	QTY	MATERIAL
1	BODY	1	SS 316
2	BONNET	1	SS 316
3	STEM	1	SS 316
4	BALL TIP	1	SS 316
5	PANNEL NUT	1	SS 316
6	PACKING SUPPORT	2	GLASS FILLED PTFE
7	PACKING	4	PTFE/GRAFOIL
8	GLAND BUSH	1	SS 316
9	LOCK NUT	1	SS 316
10	UNION NUT	1	SS 316
11	PACKING BOLT	1	SS 416 - NICKEL CADMIUM PLATED
12	BONNET SEAL	1	PTFE
13	GRUB SCREW	1	SS
14	HANDLE	1	SS 304
15	DUST CAP	1	PLASTIC

FEATURES

Design

Union bonnet

Packing bolt

packing adjustment in open or close position.

Silver plated for anti galling freezing for increased stem cycle life.

Dust Cap

Protects stem threads from ingrease of contamination.

Bonnet

Prevents accidental valve disassembly

Back seated blow out proof

Stem

Rolled stem operating threads.

Self centering non rotating ball tip, regulating & soft seated

Handle

Low torque operating

Sealing

Leak tight seal for easy operation of valve.

SPECIFICATION

Size

1/8" to 1"

End ports

NPT, BSPT, buttweld, socket weld, ODT

Version

Straight & angle

Max. Std. Pressure

10000 Psi (700 Bar)

Temperature Rating

PTFE 450° F (232° C)

Grafoil 700° F (371° C)

Material

SS 316, SS 304, C.S., F11, Hastelloy, Monel

Stem Packing

PTFE, Grafoil

Standard seat

Ø4, Ø6.4 & Ø11.1

Panel mount option

All valves are 100% Factory tested prior to shipment.