

AV-306 F.C.S. (A105) Horizontal Lift Check Valve, Class-800

Features

Reduced Bore, Bolted Cover, Renewable Seat & Disc, SS Trim
Socket Welded Ends as Per ASME B-16.11
Product Standard : API-602/ EN-15761

Test Pressure

Body - 207 Bar (Hyd.)
Seat - 152 Bar (Hyd.)
Testing Standard : API-598/ BSEN-1266-1

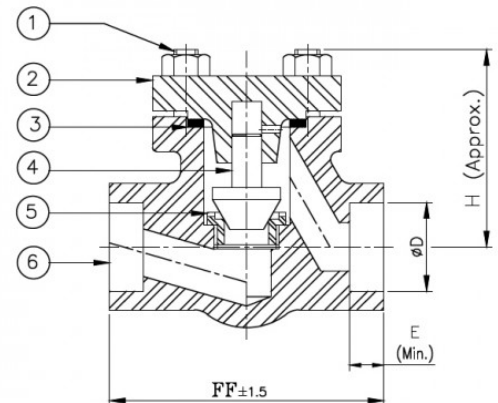
Suitability

Water, Steam, Oil



Material Combination

P.No.	Name of Part	Material	Specification
		A105	A105
1	Studs and Nuts	Alloy Steel, H.T. Steel	ASTM A193 Gr. B7, ASTM A194 Gr. 2H
2	Cover	Forged Carbon Steel	ASTM A105
3	Gasket	Spiral Wound S.S. 304 Graphoil Filler	-
4	Disc	Stainless Steel	ASTM A182 Gr. F6a/ ASTM A276 Type 410
5	Body Seat Ring	Stainless Steel	ASTM A276 TYPE 410
6	Body	Forged Carbon Steel	ASTM A105



SOCKET WELDED ENDS
AS PER ASME B16.11

Dimensional Data

Nominal Size (mm)	FF ±1.5	H	ØD	E (Min.)
10	80	58	17.6/18.0	9.5
15	80	55	21.8/22.2	9.5
20	88	62	27.2/27.6	12.5
25	100	85	33.9/34.3	12.5
40	145	98	48.8/49.2	12.5
50	170	120	61.2/61.7	16