

AV-314 F.C.S. Horizontal Lift Check Valve, Flanged, Class-600

Features

Standard Bore, Bolted Cover, Renewable Seat & Disc, SS Trim
Flanges as per ASME B 16.5 CL-600 R.F. (Drilled)
Product Standard: API-602/EN-15761

Test Pressure

Body : 153 Bar (Hyd.)
Seat : 112 Bar (Hyd.)
Testing Standard : API-598/ BSEN-12266-1

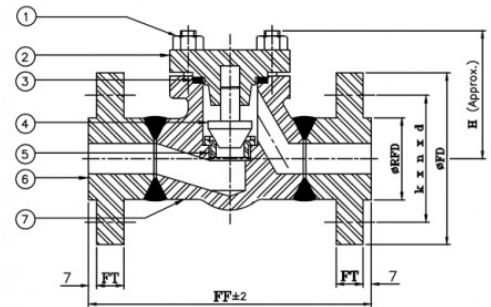
Suitability

Water, Steam, Oil



Material Combination

P.No.	Name of Part	Material	Specification
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 Filled	-
4	Disc	Stainless Steel	ASTM A182 Gr. F6a/ASTM A276 Type 410
5	Body Seat Ring	Stainless Steel	ASTM A182 Gr. F6a/ASTM A276 Type 410
6	Welded on Flanges	Forged Carbon Steel	ASTM A105
7	Body	Forged Carbon Steel	ASTM A105



Dimensional Data

Nominal Size (mm)	FF ±2	ØFD	FT	ØRFD	H	k	n	Ød
15	165	95	14.3	34.9	62	66.7	4	15.9
20	190	115	15.9	42.9	75	82.6	4	19.1
25	216	125	17.5	50.8	98	88.9	4	19.1
32	229	135	20.7	63.5	98	98.4	4	19.1
40	241	155	22.3	73	120	114.3	4	22.2
50	292	165	25.4	92.1	150	127	8	19.1

k - P.C.D; n - Number of Holes; Ød - Diameter of Holes