AV-306 Drop Forged Steel Horizontal Lift Check Valve, Socket Welded Ends, Class-800

Features

Product Standard	API 602 / BS EN-15761
Testing Standard	API-598
Pressure / Class Rating	Class-800
Body Material Cum Standard	Forged Carbon Steel (ASTM A105)
Product Description	Standard Bore, Bolted Cover
Type of Seat	Renewable Seat
Type of Disc	Renewable Disc
Trim	13% Cr. (SS 410)
End Details	Socket Welded Ends as per ASME B-16.11
Test Pressure	Body: 207 Bar (Hyd.), Seat: 152 Bar (Hyd.)
Max. Working Temperature	425°C



Notes

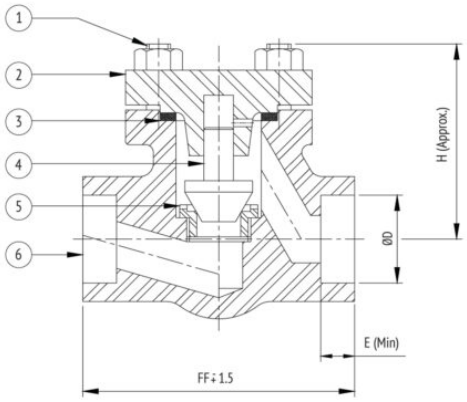
Test Certificate in Form III-C as per IBR is furnished with every supply.

Suitability

Water, Steam, Oil

Material Combination

S.No	Description	No.	Material	Specifications
1	Studs & Nuts	1	Alloy Steel / H.T. Steel	ASTM A193 Gr. B7 / ASTM A194 Gr. 2H
2	Cover	1	Forged Carbon Steel	ASTM A105
3	Gasket	1	Spiral Wound S.S. 304 Graphite Filler	–
4	Disc	1	Stainless Steel	ASTM A182 Gr. F6a / ASTM A276 Type 410
5	Body Seat Ring	1	Stainless Steel	ASTM A276 Type 410
6	Body	1	Forged Carbon Steel	ASTM A105



Dimensional Data

Size (mm)	FF	H	ØD	E
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

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