

FORGED SWING VALVE

Class 600 LBS

Basic design features

Design	ISO 15761-API 602
Face to face	ASME B16.10
ENDS DIMENAIIONS	SW according to ANSI B16.11/ NPT-F according to ASME B1.20.1
Testing	API 598
Bore	REDUCED-FULL
Bonnet	BOLTED
Marking	CE - PED
Certificates	EN 10204 - 3.1 / 3.2
Rating	600 LBS

Test Pressure to API 598

Class	600 LBS
Shell (Water)	153 bar
Seat (Water)	113 bar
Seat (Air)	6.0 bar

BILL OF MATERIALS STANDARD ACCORDING TO ASTM

	PART NAME	A105	A350 LF2	A182 F11	A182 F316
10	BODY	ASTM A 105N	ASTM A 350 LF2	ASTM A 182 F11	ASTM A182 F316
11	COVER	ASTM A105N	ASTM A 350 LF2	ASTM A 182 F11	ASTM A182 F316
13	SWING	ASTM A182 F6a	ASTM A 182 F316+STL	ASTM A 182 F6a + STL	ASTM A182 F316
14	SEAT	ASTM A 182 F6a	ASTM A 182 F316+STL	ASTM A 182 F6a + STL	ASTM A182 F316
22	GASKET	316+ GRAPHITE	316 + GRAPHITE	316+GRAPHITE	316+GRAPHITE
24	BODY SCREW	ASTM A 193 B7	ASTM A 193 B8	ASTM A 193 B16	ASTM A193 B8
30	SWING HINGE PIN	ASTM A 182 F6a	ASTM A 182 F316	ASTM A 182 F6a	ASTM A182 F316
31	SWING HINGE	ASTM A 182 F6a	ASTM A 182 F316	ASTM A 182 F6a	ASTM A182 F316
32	SWING PIN	SS 316	SS 316	SS 316	SS 316
33	SWING NUT	SS 316	SS 316	SS 316	SS 316
50	NAMEPLATE	ALLUMINIUM	ALLUMINIUM	ALLUMINIUM	ALLUMINIUM

*Body Material available in: A182 F5 - A182 F22 - A182 F91 - A182 F304 - A182 F347- A182 F321 - A182 F44 - A182 F51 - A182 F53

On request TRIM: with Stellite , Monel, Hastelloy, Inconel, Alloy, other material

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FORGED SWING VALVE
Class 600 LBS
REDUCED BORE)

SIZE INCH	Ff (MM)	FI (MM)	Bi (MM)	Ht (MM)
1/4"	/	/	/	/
3/8"	/	/	/	/
1/2"	165,1	95,3	14	57
3/4"	190,5	117,3	19	72
1"	215,9	124	24,3	92
1-1/4"	/	/	/	/
1-1/2"	241,3	,155,4	38	111
2"	292,1	165,1	49	140

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