

FORGED SWING VALVES

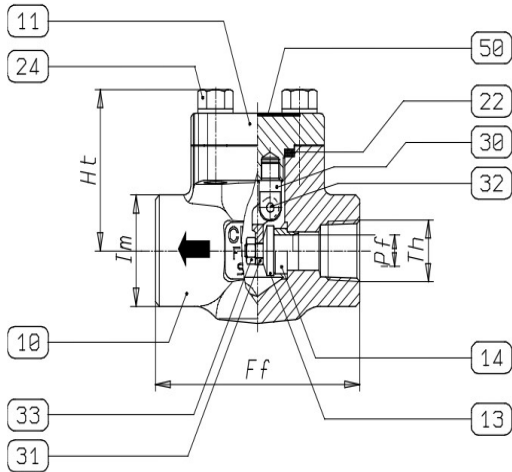
PRELIMINARY

AVAILABLE ARE ALSO VALVES ACCORDING TO OTHER STANDARDS, MATERIALS, PATTERNS, CLASSES, SIZES.

SWING 800

BASIC DESIGN STANDARDS

Basic Design	ISO 15761 - API 602
Wall Thickness / Pressure / Temperature	According to ANSI B16.34
Ends Dimensions	SW according to ANSI B16.11 / NPT-F according to ASME B1.20.1
Bore	Reduced & Full



TEST PRESSURE TO API 598 bar

Class	Shell (water)	Seat (water)	Seat (air)
800	211	155	6.0

BILL OF MATERIALS

STANDARD ACCORDING TO ASTM

N	Part Nam	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	NAMPLATE	ALLUMINIUM	ALLUMINIUM	ALLUMINIUM	ALLUMINIUM

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

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

DIM.MM (REDUCED BORE)	Ff(MM)	Im(MM)	Ht(MM)	Pf(MM)
1/4"	/	/	/	/
3/8"	/	/	/	/
1/2"	80	33	50	10
3/4"	90	39	57	14
1"	110	49	71	18
1-1/4"	127	64	88	24
1-1/2"	145	64	105	29
2"	170	78	131	36,5

DIM.MM (FULL BORE)	Ff(MM)	Im(MM)	Ht(MM)	Pf(MM)
1/4"	/	/	/	/
3/8"	/	/	/	/
1/2"	90	39	57	14
3/4"	110	49	71	18
1"	127	64	88	24
1-1/4"	145	64	102	30
1-1/2"	170	78	131	36,5
2"	210	83	142	48

