

FORGED STEEL SWING CHECK VALVES, PRESSURE SEAL BONNET – FIG 00.6

ASME CLASS 1500 / 2500 / (4500)
EN RATING B160 - B500 (B760)

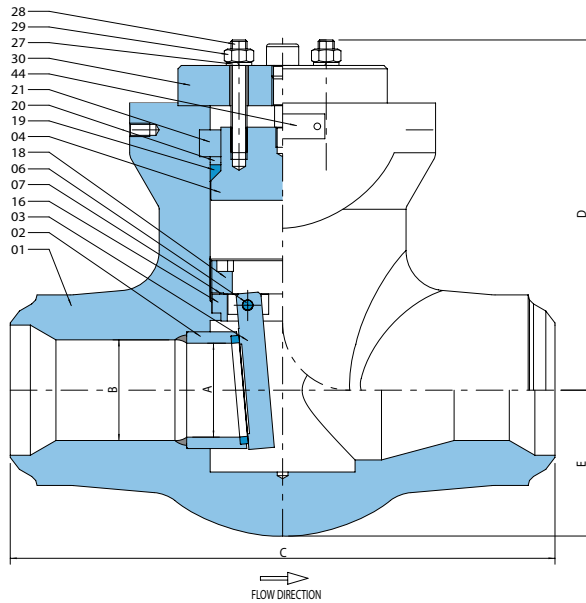


STANDARDS

DESIGN	ASME B16.34 - EN 12516 - (BS 1868) - API 6D
BUTTWELDING ENDS	ASME B16.25 - EN 12627 - DIN-EN 9692-1
END-TO-END DIMENSIONS	ASME B16.10 - EN 12982 / EN 558-2 - MANUFACTURER'S STANDARD
PRESSURE TESTING	ASME B16.34 - EN 12266 - API 598

MATERIALS

01 BODY	(S)A105N (SEE BELOW)
02 SEAT	A106 / STELLITED
03 DISC	F316 / STELLITED
04 BONNET	(S)A105N
06 DISC PIN	HARDENED STEEL
07 RING	MONEL K400
16 DISC HOLDER	AISI 304
18 RETAINING NUT	AISI 304
19 GASKET	GRAPHITE / 316
20 RING	ASTM-A182-F316
21 SEGMENTAL RING	1.4923
27 SPRINGWASHER	STEEL ZINC PLATED
28 BONNET BOLT	ASTM-A193-B7
29 BONNET NUT	ASTM-A194-2H
30 COVER	CARBON STEEL
44 NAMEPLATE	STAINLESS STEEL



FEATURES

DESIGN	CONSTRUCTION	SWING CHECK VALVE WITH PRESSURE SEAL BONNET
	ALTERNATIVES	TILTING DISC OR SPRING ASSISTED PISTON TYPE CHECK VALVES
	OPTIONS	AUXILIARY CONNECTIONS
MATERIALS	BODY / BONNET	(S)A105N - (S)A182-F22 - (S)A182-F91 - (S)A182-F92 - (S)A182-F316(L) (ALSO IN EN MATERIALS) (OTHERS ON REQUEST)

MAIN DIMENSIONS IN MM (INCH)

NOM. SIZE	A	B	C	D	E	Cv	WEIGHT KG
2-1/2" (1500LBS)	52 (2.1)	55 (2.2)	305 (12)	227 (8.9)	93 (3.7)	147	47 (103.6 LB)
3" (1500LBS)	62 (2.4)	65 (2.6)	305 (12)	227 (8.9)	93 (3.7)	210	45 (99.2 LB)
4" (1500LBS)	80 (2.76)	85 (2.95)	406 (16)	261 (10.3)	109 (4.3)	-	78.5 (173.1 LB)
2-1/2" (2500LBS)	52 (2.1)	55 (2.2)	305 (12)	227 (8.9)	93 (3.7)	147	47 (103.6 LB)
3" (2500LBS)	52 (2.1)	55 (2.2)	305 (12)	227 (8.9)	93 (3.7)	147	47 (103.6 LB)
4" (2500LBS)	70 (3.15)	75 (3.35)	406 (16)	261 (10.3)	109 (4.3)	-	81.2 (179 LB)

HP Valves Oldenzaal BV, P.O. Box 151, 7570 AD Oldenzaal, The Netherlands
Phone: +31 (0)541 519555, Fax: +31 (0)541 522045, E-mail: info@hpvalves.com
Website: www.hpvalves.com

