

Y-CHECK VALVE

FORGED CARBON STEEL / STAINLESS STEEL



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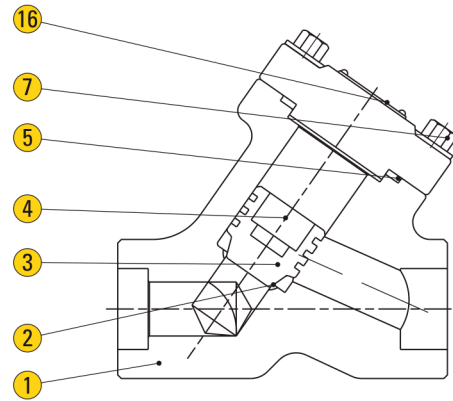


FIG GD-800YC

APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

Face To Face Dimension	ASME B16.10
Pressure Rating	Class 600 and 800
End To End Dimension	ASME B16.10
Flange End Dimension	ASME B16.5
BW End Dimension	ASME B16.25

CLASS 600 / 800

Unit : mm (inch)

Port	Valve Size	End to End	Center to Top	Dia. of Port Openings	Approx. Wt Kg (Lb)
Reduced	1/2	84 (3.31)	73 (2.87)	9.5 (0.37)	1.2 (3)
	3/4	95 (3.74)	85 (3.35)	12.7 (0.50)	1.6 (4)
	1	106 (4.17)	88 (3.47)	17.5 (0.69)	2.5 (6)
	1-1/4	137 (5.39)	121 (4.76)	22.5 (0.89)	5.5 (12)
	1-1/2	137 (5.39)	121 (4.76)	29.5 (1.16)	5.4 (12.0)
	2	172 (6.77)	174 (6.85)	35.0 (1.38)	7.8 (17)
Full	1/2	95 (3.74)	85 (3.35)	12.7 (0.50)	1.3 (3)
	3/4	106 (4.17)	88 (3.47)	17.5 (0.69)	2.3 (51)
	1	137 (5.39)	121 (4.76)	23.0 (0.91)	5.0 (11)
	1-1/4	172 (6.77)	174 (6.85)	29.5 (1.16)	7.0 (15)
	1-1/2	172 (6.77)	174 (6.85)	35.0 (1.38)	6.8 (15.0)
	2	200 (7.87)	208 (8.19)	45.5 (1.79)	10.6 (23)

LIFT / Y-CHECK VALVE

MATERIAL

Parts		ASTM Designation												
		A105N	A350		A182					A182				
			LF2	LF3	F304/L	F316/L	F321	F347	F51	F5	F9	F11	F22	F91
1	Body	A105N	LF2	LF3	F304/L	F316/L	F321	F347	F51	F5	F9	F11	F22	F91
2	Seat	Integral Hardfaced Stellite 6												
3	Disc	A276-410		A276-316+STL			A276 -321 +STL	A276 -347 +STL	UNS S31803 +STL	A276-410				
4	Spring	A276-316*					Inconel X-750*			A276-316*				
5	Gasket	304 Spiral Wound Graphite				316 SWG	321 SWG	347 SWG	Duplex SWG	304 Spiral Wound Graphite				
6	Cover	A105N	LF2	LF3	F304/L	F316/L	F321	F347	F51	F5	F9	F11	F22	F91
7	Cover Bolt	A193-B7	A320-L7		A193-B8					A193-B16				
16	Name Plate	Aluminium			304 Stainless Steel					Aluminium				

STL: Stellite 6 faced

SWG : Spiral Wound Graphite

A182-F304/L : Dual Certificate Material for A182-F304 & A182-F304L

A182-F316/L : Dual Certificate Material for A182-F316 & A182-F316L

DUPLEX : Duplex Stainless Steel

* Other materials also available on request

** Please mark your offer if require load spring

SWING CHECK VALVE

MATERIAL

Parts		ASTM Designation												
		A105N	A350		A182					A182				
			LF2	LF3	F304/L	F316/L	F321	F347	F51	F5	F9	F11	F22	F91
1	Body	A105N	LF2	LF3	F304/L	F316/L	F321	F347	F51	F5	F9	F11	F22	F91
2	Seat Ring	A276-410		A276-316+STL			A276 -321 +STL	A276 -347 +STL	UNS S31803 +STL	A276-410+STL				
3	Disc	A276-410		A276-316+STL			A276 -321 +STL	A276 -347 +STL	UNS S31803 +STL	A276-410				
4	Hinge	A351-CF8M												
5	Gasket	304 Spiral Wound Graphite				316 SWG	321 SWG	347 SWG	Duplex SWG	304 Spiral Wound Graphite				
6	Cover	A105N	LF2	LF3	F304/L	F316/L	F321	F347	F51	F5	F9	F11	F22	F91
7	Cover Bolt	A193-B7	A320-L7		A193-B8					A193-B16				
8	Retaining Washer	316 Stainless Steel												
9	Support Pin	316 Stainless Steel												
10	Support	316 Stainless Steel												
16	Name Plate	Aluminium			304 Stainless Steel					Aluminium				

STL: Stellite 6 faced

SWG : Spiral Wound Graphite

A182-F304/L : Dual Certificate Material for A182-F304 & A182-F304L

A182-F316/L : Dual Certificate Material for A182-F316 & A182-F316L

DUPLEX : Duplex Stainless Steel

* Other materials also available on request

*Specification given are subject to changed without further notice.