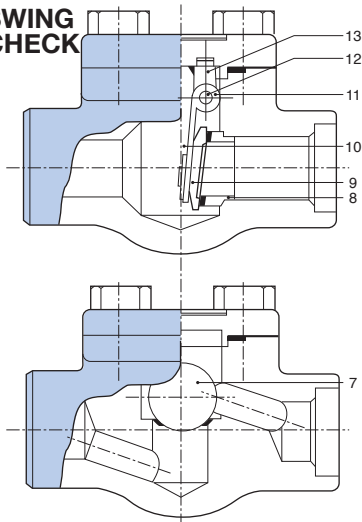


FORGED STEEL CHECK VALVE

016

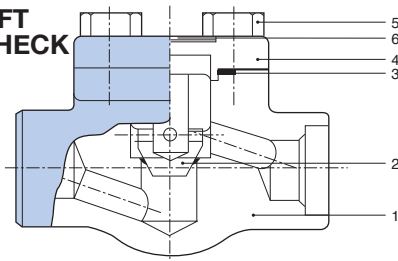
SWING CHECK



PART NAME

- 1.BODY
- 2.DISC (PISTON)
- 3.GASKET
- 4.COVER
- 5.COBER BOLT
- 6.NAME PLATE
- 7.BALL
- 8.SEAT RING
- 9.DISK
- 10.SEATING RING
- 11.HINGE
- 12.HINGE PIN
- 13.SUPPORT

LIFT CHECK



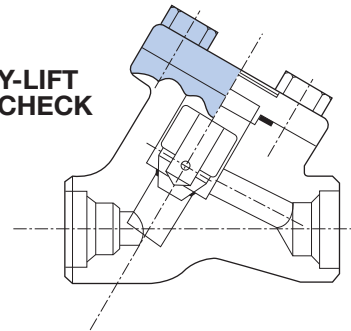
RATING [ASME/ANSI B 16.34]

- CARBON STEEL :TABLE 2-11
- ALLOY STEEL :TABLE 2-15—2-1.14
- STAINLESS STEEL :TABLE 2-2.1—2-2.5

END CONNECTIONS

- SOCKET WELD :ASME/ANSI B 16.11
- THREAD (NPT, PT) :ASME/ANSI B 1.20.1
- BUTT WELD :ASME/ANSI B 16.25

Y-LIFT CHECK



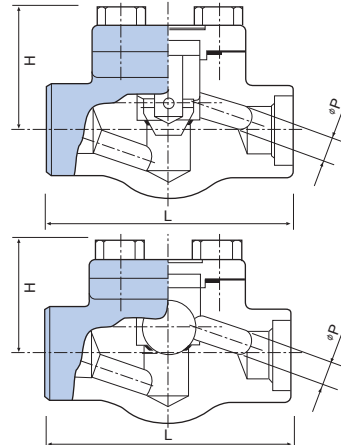
STANDARDS

- CONSTRUCTION:API 602
ASME/ANSI B 16.34

INSPECTION AND TEST

- :API 598
ASME/ANSI B 16.34

BOLTED COVER / SW, PT(NPT), BW, CLASS 800 / 1500 STANDARD BORE



LIFT CHECK / BALL CHECK

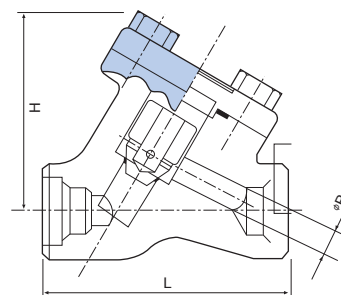
CL	VALVE SIZE	1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
800	L (mm/in)	76	3	76	3	76	3	92	3.62	104	4.09	140	5.5	140	5.5	146	5.75
	H (mm/in)	46	1.8	46	1.8	46	1.8	56	2.2	65	2.5	75	2.95	75	2.95	100	3.94
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	17.5	0.69	24	0.94	29.5	1.16	35	1.38
	Wt (kg/lb)	1	2.2	1	2.2	1	2.2	1.5	3.3	2	4.4	4.1	9	4.1	9	6.4	14.08
	Typical Cv Factor	0.7		1		1		2.7		5.4		16		18.5		20	
	Fig No.	B8*4R B8*5R															
1500	L (mm/in)	92	3.62	92	3.62	92	3.62	104	4.09	140	5.5	146	5.74	146	5.74	210	8.27
	H (mm/in)	56	2.2	56	2.2	56	2.2	65	2.5	75	2.95	100	3.94	100	3.94	125	4.92
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	10	0.63	22	0.87	27	1.06	35	1.38
	Wt (kg/lb)	1.5	3.3	1.5	3.3	1.5	3.3	2	4.4	4.1	9	6.4	14.08	6.4	14.08	9.8	21.6
	Typical Cv Factor	0.7		1		1		2.7		5.4		16		18.5		20	
	Fig No.	B15*4R B15*5R															

SWING CHECK

CL	VALVE SIZE	1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
800	L (mm/in)	76	3	76	3	76	3	92	3.62	104	4.09	115	4.53	115	4.53	146	5.75
	H (mm/in)	46	1.8	46	1.8	46	1.8	56	2.2	65	2.5	75	2.95	75	2.95	100	3.94
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	18	0.71	28.6	1.13	28.6	1.13	37.5	1.48
	Wt (kg/lb)	1	2.2	1	2.2	1	2.2	1.5	3.3	2	4.4	4.1	9	4.1	9	6.4	14.08
	Typical Cv Factor	2.4		6		6		11.3		26.3		63		78		115	
	Fig No.	B8*3R															
1500	L (mm/in)	92	3.62	92	3.62	92	3.62	104	4.09	115	4.53	146	5.74	146	5.74	210	8.27
	H (mm/in)	56	2.2	56	2.2	56	2.2	65	2.5	75	2.95	100	3.94	100	3.94	125	4.92
	P (mm/in)	6.4	0.25	9.5	0.38	9.5	0.38	12.7	0.5	18	0.71	28.6	1.13	28.6	1.13	37.5	1.48
	Wt (kg/lb)	1.5	3.3	1.5	3.3	1.5	3.3	2	4.4	4.1	9	6.4	14.08	6.4	14.08	9.8	21.6
	Typical Cv Factor	2.6		6		6		11.3		26.3		63		78		115	
	Fig No.	B15*3R															

Y-LIFT CHECK / BALL CHECK

CL	VALVE SIZE	1/4		3/8		1/2		3/4		1		1-1/4		1-1/2		2	
800	L (mm/in)	76	3	76	3	76	3	90	3.55	102	4.02	124	4.89	124	4.89	152	5.98
	H (mm/in)	87	2.8	46	2.6	67	2.6	77	3	80	3.15	111	4.4	111	4.4	138	5.4
	P (mm/in)	6.4	0.25	9.5	0.38	12	0.47	15	0.59	18	0.71	24	0.94	30	1.18	36	1.42
	Wt (kg/lb)	12	2.6	1.2	2.6	1.2	2.6	1.4	3.1	2.4	5.3	5.2	11.5	5.2	11.44	7	15.4
	Typical Cv Factor	3.5		5.5		5.5		11.5		16.5		21		27		32	
	Fig No.	YB8*4R YB8*5R															
1500	L (mm/in)	90	3.55	90	3.55	90	3.55	102	4.02	124	4.89	152	5.99	152	5.98	200	7.87
	H (mm/in)	77	3	77	3	77	3	80	3.15	111	4.4	138	5.4	138	5.4	178	7.01
	P (mm/in)	6.4	0.25	9.5	0.38	12	0.47	15	0.59	20	0.79	23.5	0.93	31	1.22	38	1.5
	Wt (kg/lb)	1.4	3.1	1.4	3.1	1.4	3.1	2.4	5.3	5.2	11.5	7	15.4	7.1	15.62	10.3	22.7
	Typical Cv Factor	3.5		5.5		5.5		11.5		16.5		21		27		32	
	Fig No.	YB15*4R YB15*5R															



BALL VALVE

GATE VALVE

GLOBE VALVE

CHECK VALVE

OTHER VALVE

TECHNICAL DATA