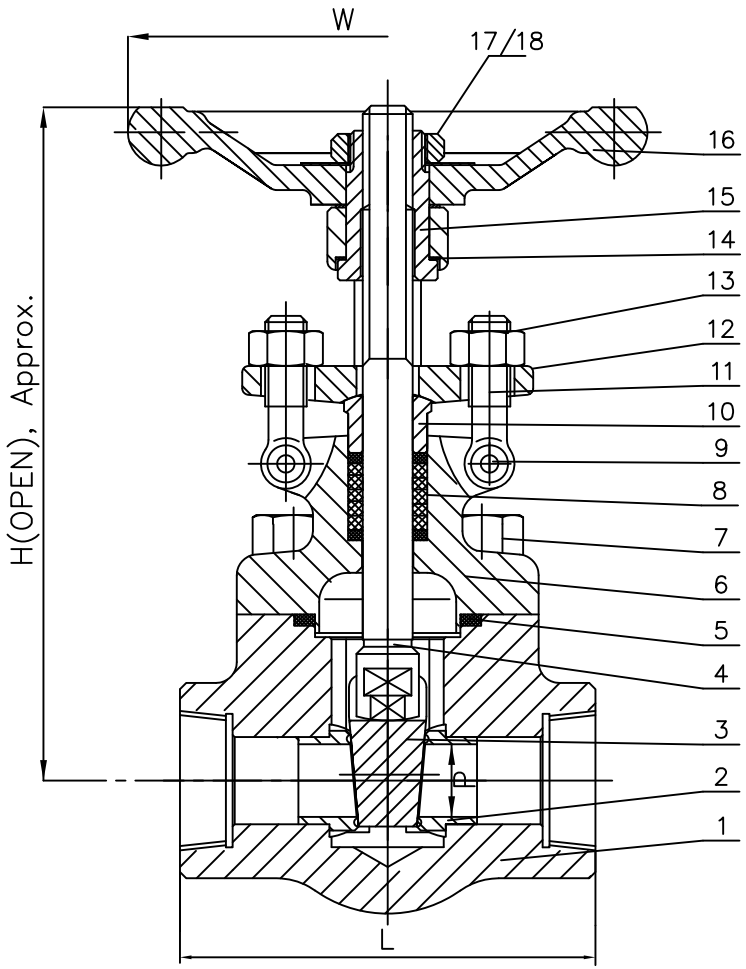


NOTE:

1. NACE: MR0175 Ed:2002, MR0103

BILL OF MATERIAL

No.	Parts	Materials	Remark
1.	BODY	A105N	
2.	SEAT RING	A276–410 + Stellite	
3.	WEDGE	A276–410	
4.	STEM	A182–F6	
5.	GASKET	Spiral Wound Type 304+Graphite	
6.	BONNET	A105N	
7.	BONNET BOLT	A193–B7M	
8.	GLAND PACKING	Flexible Graphite	
9.	Pin	A276–410	
10.	GLAND	A276–410	
11.	GLAND BOLT	A193–B7M	
12.	GLAND FLANGE	A105	
13.	GLAND NUT	A194–2HM	
14.	SLEEVE WASHER	A276–410	
15.	YOKE SLEEVE	A276–410	
16.	HANDWHEEL	A197	
17.	NAME PLATE	St/St	
18.	H/W NUT	1035+Zin	

D I M E N S I O N (mm)

NPS (inch)	H	L	W	Port Dia P	Ends B	Ends C	Ends d1	Ends S	Weight (kg)	Q'TY (pcs)	Fig No.
1/2	158	79	100	9.6					2.0		GAC800–8
3/4	169	92	100	12.7					2.3		GAC800–8
1	197	111	125	18.0					4.3		GAC800–8
1¼	236	120	160	28.6					5.9		GAC800–8
1½	246	120	160	28.6					6.9		GAC800–8
2	285	140	180	37.5					11.1		GAC800–8

Design : ANSI B16.34/API 602/EN ISO 15761		
Ends Connection	☐ Socket Weld (ASME B16.11) ☐ NPT–F(ASME B 1.20.1)	
	☐ Socket Weld x NPT–F	
Test (API 598)	Shell	Hydrostatic : 2975 psig(210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : 80 psig(6 kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	☐ Stellited (#6) ■ Hardened (Q.T)
Coating	☐ Phosphatized ☐ Epoxy painted ■ NACE	
	☐ Aluminum painted ■ Non–Application	

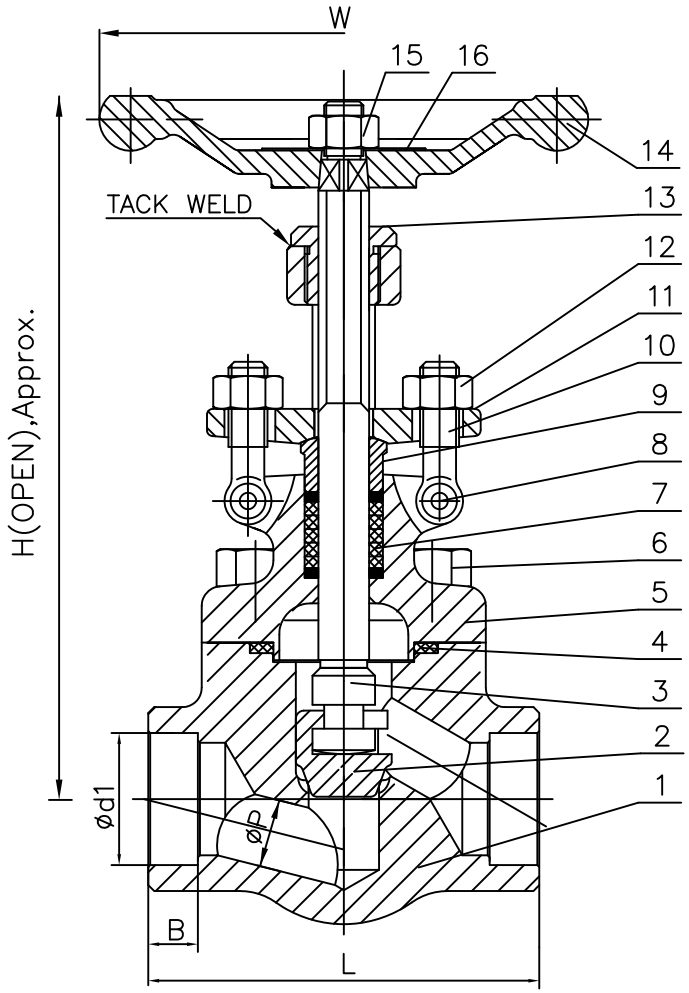
Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15.08.16			
0	First Issue	JULY/19/'04			

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TITLE CLASS 800 GATE BB OS&Y
A105N/13Cr/HFS (No 8)

Drawing No.	994–0719–01–04	Rev.	0



BILL OF MATERIAL

No.	Parts	Materials	Remark
1.	BODY	A105N + Stellite	
2.	DISC	A276–410	
3.	STEM	A182–F6a	
4.	GASKET	Spiral Wound Type 304+Graphite	
5.	BONNET	A105N	
6.	BONNET BOLT	A193–B7M	
7.	GLAND PACKING	Flexible Graphite	
8.	PIN	AISI 1035	
9.	GLAND	A276–410	
10.	EYE BOLT	A193 B7M	
11.	GLAND FLANGE	A105	
12.	NUT	A194–2HM	
13.	STEM NUT	A276–410	
14.	HANDWHEEL	A197	
15.	HANDWHEEL NUT	AISI 1035	
16.	NAME PLATE	Aluminum	

NOTE: According to NACE: MR0175 Ed:2002, MR0103

D I M E N S I O N (mm)

NPS (inch)	H	L	W	Port Dia P	Ends B	Ends C	Ends d1	Ends S	Weight (kg)	Q'TY (pcs)	Fig No.
1/2	166	79	100	9.5					1.9		GLC800–8
3/4	175	92	100	12.7					2.1		GLC800–8
1	207	115	125	17.5					3.5		GLC800–8
1 1/4	240	120	160	29.5					5.9		GLC800–8
1 1/2	275	152	160	29.5					7.5		GLC800–8
2	330	172	180	35.0					11.4		GLC800–8

Design : API 602/EN ISO 15761		
Ends Connection	■ Socket Weld (ASME B16.11) ■ NPT–F(ASME B 1.20.1)	
	□ Socket Weld x NPT–F	
Test (API 598)	Shell	Hydrostatic : 2975 psig(210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : – psig (– kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	□ Stellited (#6) ■ Hardened (Q.T)
Coating	■ Phosphatized □ Epoxy painted	
	□ Aluminum □ Non–Application	

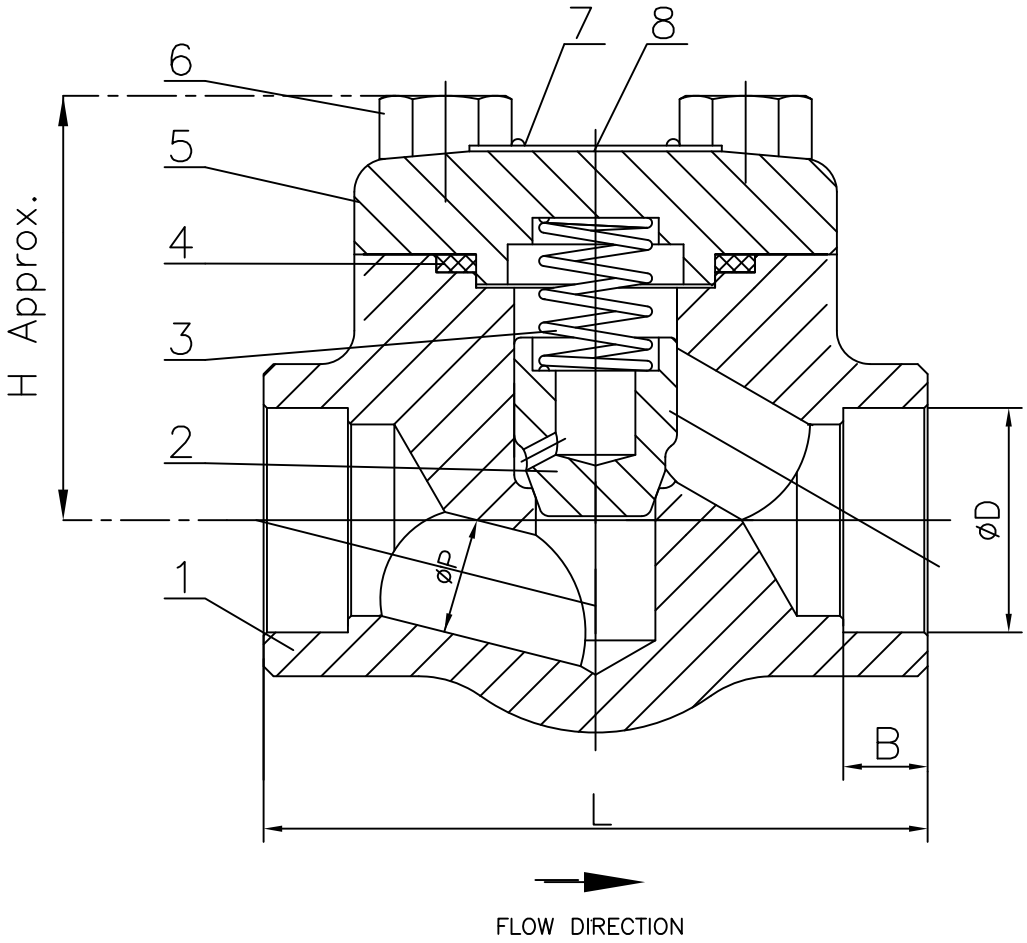
Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15/08/'16			
0	First Issue	MAY/21/'09			

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TITLE CLASS 800 GLOBE BB OS & Y (Reduced) A105N/13Cr/HFS (No 8)

Drawing No.	JP4–0722–01–02	Rev.	2



FLOW DIRECTION

BILL OF MATERIAL			
No.	Parts	Materials	Remark
1.	BODY	A105N + STL	
2.	DISC	A276-410	
3.	SPRING	Stainless Steel	
4.	GASKET	304 St/St + Graphite	
5.	BONNET	A105N	
6.	BOLT	A193 B7M	
7.	NAMEPLATE	St/St	
8.	RIVET	St/St	

NOTE: According to NACE: MR0175 Ed:2002, MR0103

D I M E N S I O N (mm)										
NPS (inch)	H	L	Port Dia P	Ends				Weight (kg)	Q'TY (pcs)	Valve No.
				B	C	d1	S			
1/2	61	79	9.5					1.2		CKPC800-8
3/4	65	92	12.7					1.5		CKPC800-8
1	79	111	17.5					3.1		CKPC800-8
1½	103	152	29.5					5.6		CKPC800-8
2	118	172	35.0					8.9		CKPC800-8

Design : ANSI B16.34/API 602/EN ISO 15761		
Ends Connection	■ Socket Weld (ASME B16.11) ■ NPT-F(ASME B 1.20.1)	
	□ Socket Weld x NPT-F	
Test (API 598)	Shell	Hydrostatic : 2975 psig(210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : – psig (– kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	□ Stellited (#6) ■ Hardened (Q.T)
Coating	■ Phosphatized	□ Epoxy painted
	□ Aluminum	□ Non-Application

Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15/08/'16			
0	First Issue	MAY/21/'09			

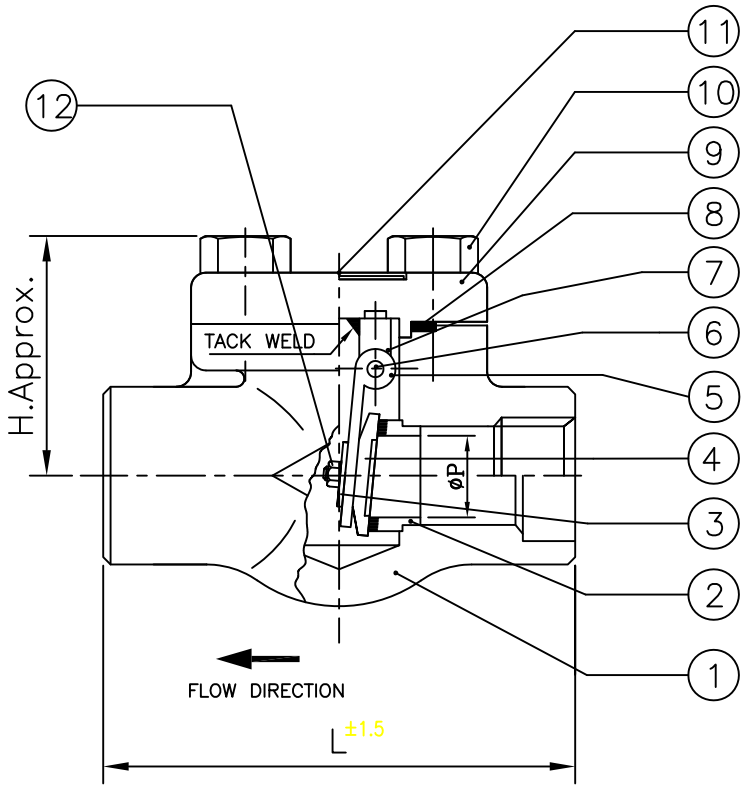
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TITLE

CL800 Lift Check BC
A105N/13Cr/HFS (No 8)

Drawing No.	JP4-0722-01-02	Rev.	2



BILL OF MATERIALS

No.	Parts	Materials	Remark
1.	BODY	A105N	
2.	SEAT RING	A276-410 + Stellite	
3.	DISC WASHER	Stainless Steel	
4.	DISC	A276-410	
5.	HINGE	A276-410	
6.	HINGE PIN	A276-420	
7.	SUPPORT	A276-410	
8.	GASKET	Spiral Wound Type 304+Graphite	
9.	COVER	A105N	
10.	COVER BOLT	A193-B7	
11.	NAME PLATE	Aluminum	
12.	DISC NUT	A194-2H	

NOTE: According to NACE: MR0175 Ed:2002, MR0103

D I M E N S I O N (mm)

NPS (inch)	H	L	Port Dia P	Ends B	C	d1	S	Weight (kg)	Q'TY (pcs)	Valve No.
1/2	61	79	9.6					1.0		CKC800-8
3/4	78	92	12.7					1.9		CKC800-8
1	84	111	18					3.9		CKC800-8
1¼	101	120	26					4.5		CKC800-8
1½	120	120	28					7.3		CKC800-8
2	133	140	37					9.8		CKC800-8

Design :	ANSI B16.34/API 602/EN ISO 15761	
Ends Connection	☐ Socket Weld (ASME B 16.11) ☐ NPT-F(ASME B 1.20.1) ☐ Socket Weld x NPT-F	
Test (API 598)	Shell	Hydrostatic : 2975 psig (210 kgf/cm²)
	Seat/ Backseat	Hydrostatic : 2175 psig (153 kgf/cm²)
		Pneumatic : N/A psig (N/A kgf/cm²)
Seat Surface	Seat or Seatring	■ Stellited (#6)
	Disc or Wedge	☐ Stellited (#6) ■ Hardened (Q.T)
Coating	■ Phosphatized ☐ Epoxy painted ☐ Aluminum painted ☐ Non-Application	

Rev.	Description	Date	Drawn by	Chk'd by	App'd by
2					
1	REV 2	15.08.16			
0	First Issue	JULY/22/'04			

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TITLE

CL800 Swing Check BC
A105N/13Cr/HFS (No 8)

Drawing No. 994-0722-01-03 Rev. 2