




ACHECH VALVE

# GLOBE VALVE

-  BOLTED BONNET
-  PRESSURE SEAL BONNET
-  BELLOWS SEAL BONNET
-  CRYOGENIC SERVICE

# GLOBE VALVE

## GLOBE VALVE - BOLTED BONNET - ANSI CL. 150.300.600.900.1500

### FEATURES & STANDARDS

- ◆ OUTSIDE SCREW & YOKE-OS&Y
- ◆ BOLTED BONNET-B.B
- ◆ RISING STEM & HANDWHEEL
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS: BS 1873 & API600
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API 598 & ANSI B16.34

### TRIM NO. TABLE

NO	STEM/ BACK SEAT	WEDGE / DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

### MATERIAL LIST

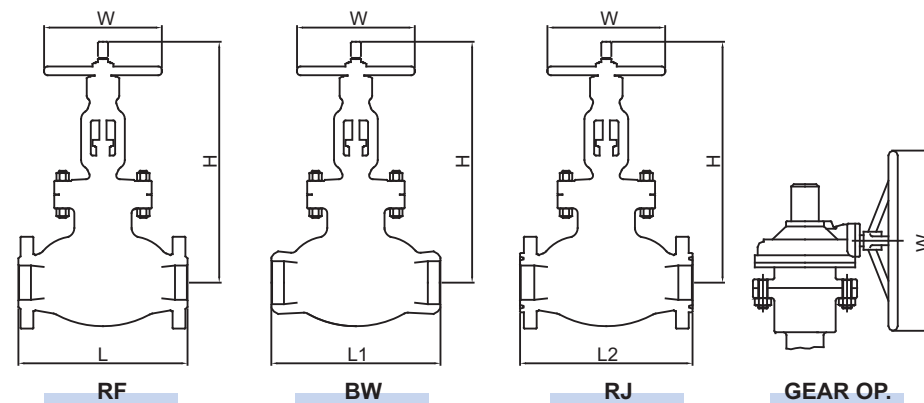
NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Bonnet	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
7	Disc Nut	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
8	Lantern Ring	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP316
11	Gland	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
12	Gland Flange	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
13	Bonnet Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
14	Bonnet Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
15	Gland Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
16	Gland Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
17	Eye Bolt Pin	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP304
18	Yoke Sleeve	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C
19	Handwheel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
20	Washer	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	AISI 304	AISI 304
21	Wheel Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	AISI 304	AISI 304
22	Thrust-Washer	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316

### GLAND PACKING & GASKET MATERIAL LIST

9	GASKET :	<input type="checkbox"/> F304+GRAPHOIL	<input type="checkbox"/> F316+GRAPHOIL	<input type="checkbox"/> F304+TEFLON	<input type="checkbox"/> F316+TEFLON
		<input type="checkbox"/> SOFT IRON (RJ)	<input type="checkbox"/> F304 (RJ)	<input type="checkbox"/> F316 (RJ)	<input type="checkbox"/> ALLOY STEEL (RJ)
10	GLAND PACKING :	<input type="checkbox"/> GRAPHOIL / GRAPHOIL + 304/316 WIRE	<input type="checkbox"/> TEFLON	<input type="checkbox"/>	<input type="checkbox"/>

SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.

## GLOBE VALVE DIMENSIONS - BOLTED BONNET



### CLASS 150 - FIG NO : 1GL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1	in	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00	38.50	38.50	51.00
(RF-BW)	mm	203	216	241	292	356	406	495	622	698	787	914	978	978	1295
L2	in	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50	39.02	39.02	51.50
(RJ)	mm	216	229	254	305	368	419	508	635	711	800	927	991	991	1308
H	in	13.43	14.45	14.76	19.02	21.14	20.35	23.23	29.69	37.05	42.72	38.03	38.82	41.14	47.24
(OPEN)	mm	341	367	375	483	537	517	590	754	941	1085	966	986	1045	1200
W	in	7.87	9.84	9.84	11.81	11.81	13.78	15.75	17.72	25.20	18.11*	18.11*	24.02*	27.95*	31.49*
	mm	200	250	250	300	300	350	400	450	640	460*	460*	610*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 300 - FIG NO:3GL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	585
L-L1	in	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
(RF-BW)	mm	267	292	318	356	400	444	559	622	711	838	864	977	1016	1346
L2	in	11.12	12.12	13.12	14.62	16.37	18.12	22.62	25.12	28.62	33.62	34.65	39.09	40.75	53.74
(RJ)	mm	283	308	333	371	416	460	575	638	727	854	880	993	1035	1365
H	in	13.74	14.80	16.93	19.13	22.05	24.33	36.89	37.36	39.17	39.84	42.20	47.64	56.30	67.32
(OPEN)	mm	349	376	430	486	560	618	937	949	995	1012	1072	1210	1430	1710
W	in	7.87	9.84	9.84	13.78	15.75	17.72	22.05	24.02*	27.95*	27.95*	27.95*	27.95*	31.49*	31.49*
	mm	200	250	250	350	400	450	560	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

# GLOBE VALVE

## GLOBE VALVE DIMENSIONS - BOLTED BONNET

### CLASS 600 - FIG NO : 6GL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	51	64	76	102	152	200	248	298	327	375
L-L1	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00
(RF-BW)	mm	292	330	356	432	559	660	787	838	889	991
L2	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.13
(RJ)	mm	295	333	359	435	562	664	791	841	892	994
H	in	16.73	19.76	20.51	24.41	34.88	36.69	40.94	50.39	62.20	74.41
(OPEN)	mm	425	502	521	620	886	932	1040	1280	1580	1890
W	in	9.84	11.81	13.78	17.72	24.02*	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	250	300	350	450	610*	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 900 - FIG NO : 9GL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	73	98	146	190	238	282
L-L1	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00
(RF-BW)	mm	368	419	381	457	610	737	838	965
L2	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.11
(RJ)	mm	371	422	384	460	613	740	841	968
H	in	18.82	19.76	24.17	31.06	34.88	36.69	40.94	48.31
(OPEN)	mm	478	502	614	789	886	932	1040	1227
W	in	13.78	15.75	17.72	24.02*	27.95*	27.95*	27.95*	31.49*
	mm	350	400	450	610*	710*	710*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

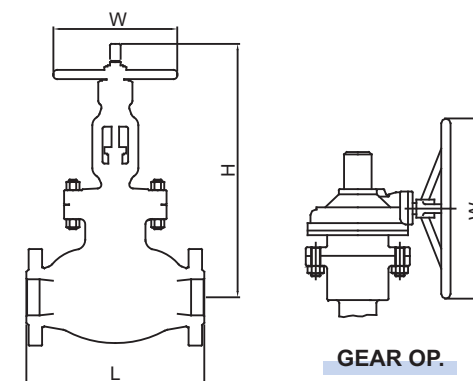
### CLASS 1500 - FIG NO : 15GL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	70	92	136	178	222	263
L-L1	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50
(RF-BW)	mm	368	419	470	546	705	832	991	1130
L2	in	14.62	16.62	18.62	21.62	28.00	33.13	39.37	45.12
(RJ)	mm	371	422	473	549	711	841	1000	1146
H	in	23.31	25.98	27.24	35.71	39.96	45.08	51.18	60.20
(OPEN)	mm	592	660	692	907	1015	1145	1300	1529
W	in	13.78	15.75	17.72	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	350	400	450	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

API.CE.ISO CERTIFIED

## DIN - GLOBE VALVE DIMENSIONS - BOLTED BONNET



### PN 16 - FIG NO : P1GL

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	340	355	390	460	520	580	648	850	995
W	200	250	250	300	350	400	400	450	560

UNIT:mm

### PN 25 - FIG NO : P2GL

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	391	433	460	515	628	692	856	960	1150
W	200	250	250	300	350	400	400	450	560

UNIT:mm

### PN 40 - FIG NO : P3GL

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	391	433	460	515	628	692	856	960	1150
W	200	250	250	350	350	450	450	460	610

UNIT:mm

### PN 64 - FIG NO : P4GL

DN	50	65	80	100	150	200
L	300	340	380	430	550	650
H	450	494	531	588	765	897
W	200	250	250	350	450	450

UNIT:mm

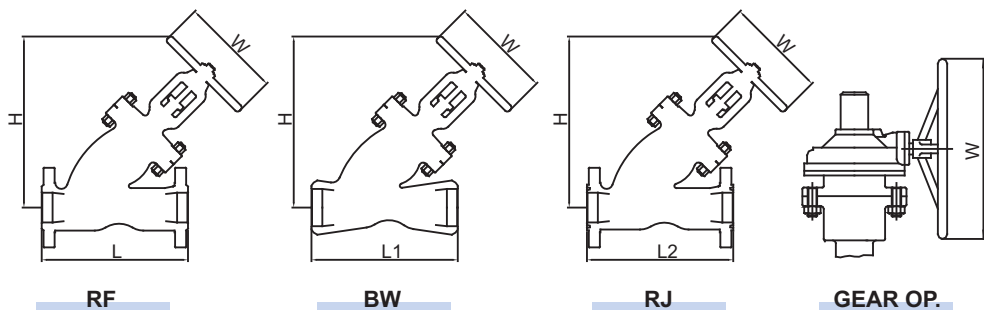
### PN 100 - FIG NO : P5GL

DN	50	65	80	100	150	200
L	300	340	380	430	550	650
H	480	574	621	678	855	988
W	250	300	350	400	500	560

UNIT:mm

# GLOBE VALVE

## Y - GLOBE VALVE DIMENSIONS - BOLTED BONNET



### CLASS 150 - FIG NO : 1YGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1	in	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00	38.50	38.50	51.00
(RF-BW)	mm	203	216	241	292	356	406	495	622	698	787	914	978	978	1295
L2	in	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50	39.02	39.02	51.50
(RJ)	mm	216	229	254	305	368	419	508	635	711	800	927	991	991	1308
H	in	10.07	10.84	11.07	14.27	15.86	15.26	17.42	22.27	27.79	32.04	28.52	29.12	30.86	35.43
(OPEN)	mm	256	275	281	362	403	388	443	566	706	814	725	740	784	900
W	in	7.87	9.84	9.84	11.81	11.81	13.78	15.75	17.72	25.20	18.11*	18.11*	24.02*	27.95*	31.49*
	mm	200	250	250	300	300	350	400	450	640	460*	460*	610*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 300 - FIG NO:3YGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	585
L-L1	in	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
(RF-BW)	mm	267	292	318	356	400	444	559	622	711	838	864	977	1016	1346
L2	in	11.12	12.12	13.12	14.62	16.37	18.12	22.62	25.12	28.62	33.62	34.65	39.09	40.75	53.74
(RJ)	mm	283	308	333	371	416	460	575	638	727	854	880	993	1035	1365
H	in	10.31	11.10	12.70	14.35	16.54	18.25	27.67	28.02	29.38	29.88	31.65	35.73	42.23	50.49
(OPEN)	mm	262	282	323	365	420	464	703	712	746	759	804	908	1073	1283
W	in	7.87	9.84	9.84	13.78	15.75	17.72	22.05	24.02*	27.95*	27.95*	27.95*	27.95*	31.49*	31.49*
	mm	200	250	250	350	400	450	560	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

## Y - GLOBE VALVE DIMENSIONS - BOLTED BONNET

### CLASS 600 - FIG NO : 6YGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	51	64	76	102	152	200	248	298	327	375
L-L1	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00
(RF-BW)	mm	292	330	356	432	559	660	787	838	889	991
L2	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.13
(RJ)	mm	295	333	359	435	562	664	791	841	892	994
H	in	12.55	14.82	15.38	18.31	26.16	27.52	30.71	37.79	46.65	55.81
(OPEN)	mm	319	377	391	465	665	699	780	960	1185	1418
W	in	9.84	11.81	13.78	17.72	24.02*	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	250	300	350	450	610*	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 900 - FIG NO : 9YGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	73	98	146	190	238	282
L-L1	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00
(RF-BW)	mm	368	419	381	457	610	737	838	965
L2	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.11
(RJ)	mm	371	422	384	460	613	740	841	968
H	in	14.12	14.82	18.13	23.30	26.16	27.52	30.71	36.23
(OPEN)	mm	359	377	461	592	665	699	780	920
W	in	13.78	15.75	17.72	24.02*	27.95*	27.95*	27.95*	31.49*
	mm	350	400	450	610*	710*	710*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

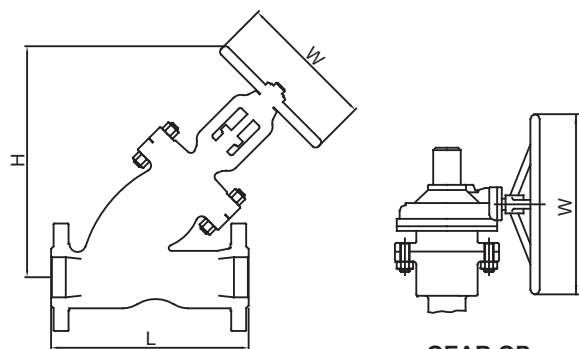
### CLASS 1500 - FIG NO : 15YGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	70	92	136	178	222	263
L-L1	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50
(RF-BW)	mm	368	419	470	546	705	832	991	1130
L2	in	14.62	16.62	18.62	21.62	28.00	33.13	39.37	45.12
(RJ)	mm	371	422	473	549	711	841	1000	1146
H	in	17.48	19.49	20.43	26.78	29.97	33.81	38.39	45.15
(OPEN)	mm	444	495	519	681	761	859	975	1147
W	in	13.78	15.75	17.72	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	350	400	450	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

# GLOBE VALVE

## DIN - Y-GLOBE VALVE DIMENSIONS - BOLTED BONNET



GEAR OP.

### PN 16 - FIG NO : P1YGL

UNIT:mm

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	255	266	293	345	390	435	486	638	746
W	200	250	250	300	350	400	400	450	560

### PN 25 - FIG NO : P2YGL

UNIT:mm

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	293	325	345	386	471	519	642	720	863
W	200	250	250	300	350	400	400	450	560

### PN 40 - FIG NO : P3YGL

UNIT:mm

DN	50	65	80	100	125	150	200	250	300
L	230	290	310	350	400	480	600	730	850
H	293	325	345	386	471	519	642	720	863
W	200	250	250	300	350	400	450	460	610

### PN 64 - FIG NO : P4YGL

UNIT:mm

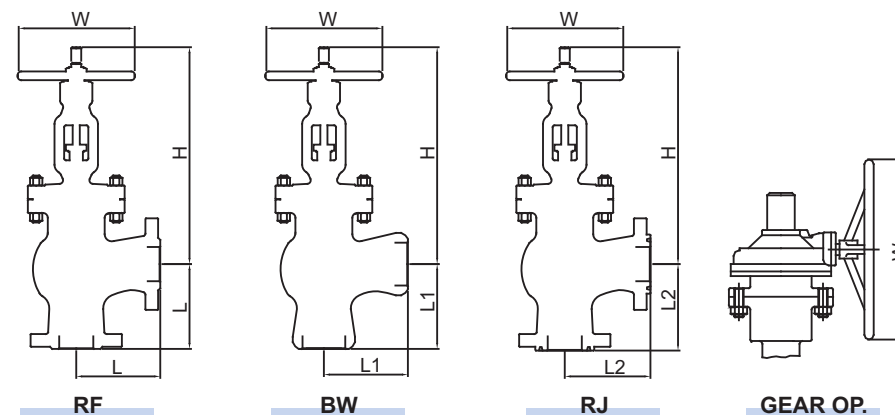
DN	50	65	80	100	150	200
L	300	340	380	430	550	650
H	338	371	398	441	574	673
W	200	250	250	350	450	450

### PN 100 - FIG NO : P5YGL

UNIT:mm

DN	50	65	80	100	150	200
L	300	340	380	430	550	650
H	360	431	466	509	641	741
W	250	300	350	400	500	560

## ANGLE GLOBE VALVE DIMENSIONS - BOLTED BONNET



RF

BW

RJ

GEAR OP.

### CLASS 150 - FIG NO : 1AGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1	in	4.00	4.25	4.75	5.75	7.00	8.00	9.75	12.25	13.75	15.50	18.00	19.25	19.25	25.50
(RF-BW)	mm	102	108	121	146	178	203	248	311	349	394	457	489	489	648
L2	in	4.25	4.50	5.00	6.00	7.25	8.25	10.00	12.50	14.00	15.75	18.25	19.51	19.51	25.75
(RJ)	mm	108	115	127	153	184	210	254	318	356	400	464	496	496	654
H	in	13.43	14.45	14.76	19.02	21.14	20.35	23.23	29.69	37.05	42.72	38.03	38.82	41.14	47.24
(OPEN)	mm	341	367	375	483	537	567	590	754	941	1085	966	986	1045	1200
W	in	7.87	9.84	9.84	11.81	11.81	13.78	15.75	17.72	25.20	18.11*	18.11*	24.02*	27.95*	31.49*
	mm	200	250	250	300	300	350	400	450	640	460*	460*	610*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 300 - FIG NO:3AGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	585
L-L1	in	5.25	5.75	6.25	7.00	7.88	8.75	11.00	12.25	14.00	16.50	17.00	19.25	20.00	26.50
(RF-BW)	mm	134	146	159	178	200	222	280	311	356	419	432	489	508	673
L2	in	5.56	6.06	6.56	7.31	8.19	9.06	11.31	12.56	14.31	16.81	17.33	19.55	20.38	26.87
(RJ)	mm	142	154	167	186	208	230	288	319	364	427	440	497	518	683
H	in	13.74	14.80	16.93	19.13	22.05	24.33	36.89	37.36	39.17	39.84	42.20	47.64	56.30	67.32
(OPEN)	mm	349	376	430	486	560	618	937	949	995	1012	1072	1210	1430	1710
W	in	7.87	9.84	9.84	13.78	15.75	17.72	22.05	24.02*	27.95*	27.95*	27.95*	27.95*	31.49*	31.49*
	mm	200	250	250	350	400	450	560	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.



# GLOBE VALVE

## ANGLE GLOBE VALVE DIMENSIONS - BOLTED BONNET

### CLASS 600 - FIG NO : 6AGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	51	64	76	102	152	200	248	298	327	375
L-L1	in	5.75	6.50	7.00	8.50	11.00	13.00	15.50	16.50	17.50	19.50
(RF-BW)	mm	146	165	178	216	280	330	394	419	445	496
L2	in	5.81	6.56	7.06	8.56	11.06	13.06	15.56	16.56	17.56	19.57
(RJ)	mm	148	167	180	218	281	332	396	421	446	497
H	in	16.73	19.76	20.51	24.41	34.88	36.69	40.94	50.39	62.20	74.41
(OPEN)	mm	425	502	521	620	886	932	1040	1280	1580	1890
W	in	9.84	11.81	13.78	17.72	24.02*	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	250	300	350	450	610*	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 900 - FIG NO : 9AGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	73	98	146	190	238	282
L-L1	in	7.25	8.25	7.50	9.00	12.00	14.50	16.50	19.00
(RF-BW)	mm	184	210	191	229	305	369	419	483
L2	in	7.31	8.31	7.56	9.06	12.06	14.56	16.56	19.06
(RJ)	mm	186	211	192	230	307	370	421	484
H	in	18.82	19.76	24.17	31.06	34.88	36.69	40.94	48.31
(OPEN)	mm	478	502	614	789	886	932	1040	1227
W	in	13.78	15.75	17.72	24.02*	27.95*	27.95*	27.95*	31.49*
	mm	350	400	450	610*	710*	710*	710*	800*

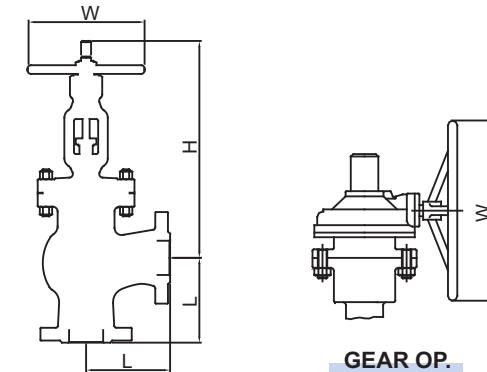
\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 1500 - FIG NO : 15AGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
d	mm	47	57	70	92	136	178	222	263
L-L1	in	7.25	8.25	9.25	10.75	13.88	16.38	19.50	22.25
(RF-BW)	mm	184	210	235	273	353	416	496	565
L2	in	7.31	8.31	9.31	10.81	14.00	16.57	19.69	22.56
(RJ)	mm	186	211	237	275	356	421	500	573
H	in	23.31	25.98	27.24	35.71	39.96	45.08	51.18	60.20
(OPEN)	mm	592	660	692	907	1015	1145	1300	1529
W	in	13.78	15.75	17.72	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	350	400	450	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

## DIN - ANGLE GLOBE VALVE DIMENSIONS - BOLTED BONNET



### PN 16 - FIG NO : P1AGL

DN	50	65	80	100	125	150	200	250	300
L	125	145	155	175	200	225	275	325	375
H	340	355	390	460	520	580	648	850	995
W	200	250	250	300	350	400	400	450	560

UNIT:mm

### PN 25 - FIG NO : P2AGL

DN	50	65	80	100	125	150	200	250	300
L	125	145	155	175	200	225	275	325	375
H	391	433	460	515	628	692	856	960	1150
W	200	250	250	300	350	400	400	450	560

UNIT:mm

### PN 40 - FIG NO : P3AGL

DN	50	65	80	100	125	150	200	250	300
L	125	145	155	175	200	225	275	325	375
H	391	445	460	515	628	692	856	960	1150
W	200	250	250	350	350	450	450	460	610

UNIT:mm

### PN 64 - FIG NO : P4AGL

DN	50	65	80	100	150	200
L	150	170	190	215	275	325
H	450	494	531	588	765	897
W	200	250	250	350	450	450

UNIT:mm

### PN 100 - FIG NO : P5AGL

DN	50	65	80	100	150	200
L	150	170	190	215	275	325
H	480	574	621	678	855	988
W	250	300	350	400	500	560

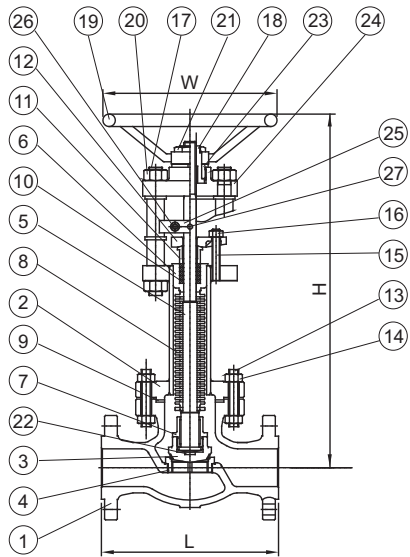
UNIT:mm

# GLOBE VALVE ZERO LEAK!!



## BELLOWS SEAL GLOBE VALVE - BOLTED BONNET - ANSI CL. 150.300.600

## GLOBE VALVE DIMENSIONS - BELLOWS SEAL TYPE



### FEATURES & STANDARDS

- ◆ OUTSIDE SCREW & YOKE-OS&Y
- ◆ BOLTED BONNET-B.B
- ◆ NON-RISING HANDWHEEL-RISING STEM
- ◆ LONG BELLOWS SEAL DESIGN
- ◆ BELLOWS SEAL LIFE: OVER 30000 TIMES
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS: BS 1873 & API600 & MSS-SP-117
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE: ANSI B16.5
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API 598 & ANSI B16.34



TRIM NO. TABLE			
NO	STEM / BACK SEAT	WEDGE / DISC	SEAT
5	13Cr	Stellite No.6	Stellite No. 6
9	Monel	Monel	Monel
H1	Hastelloy-C	Hastelloy-C	Hastelloy-C
16	316	Stellite No.6	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

### MATERIAL LIST

NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Bonnet	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A352-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
7	Disc Nut	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
8	Bellows	A182-F316L	A182-F316L	A182-F316L	A182-F316L	A182-F316L	A182-F316L	A182-F316L	A182F316L
11	Gland	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
12	Gland Flange	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
13	Bonnet Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
14	Bonnet Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
15	Gland Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
16	Gland Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
17	Yoke Bolt	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	A276TP304	A276TP304
18	Yoke Sleeve	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C
19	Handwheel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
20	Yoke Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	AISI 304	AISI 304
21	Wheel Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	AISI 304	AISI 304
22	Thrust-Washer	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
23	Yoke Cap	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	A351-CF8	A351-CF8
24	Yoke Cover	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	A351-CF8	A351-CF8
25	Guide	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	A351-CF8	A351-CF8
26	Fix Bolt	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	A276TP304	A276TP304
27	Fix Pin	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304

### GLAND PACKING & GASKET MATERIAL LIST

- 9 GASKET :  F304+GRAPHOIL  F316+GRAPHOIL  F304+TEFLON  F316+TEFLON  
 SOFT IRON (RJ)  F304 (RJ)  F316 (RJ)  ALLOY STEEL (RJ)  \_\_\_\_\_
- 10 GLAND PACKING :  GRAPHOIL / GRAPHOIL + 304/316 WIRE  TEFLON  \_\_\_\_\_

### CLASS 150 - FIG NO : 1BGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1	in	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00	38.50	38.50	51.00
(RF-BW)	mm	203	216	241	292	356	406	495	622	698	787	914	978	978	1295
L2	in	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50	39.02	39.02	51.50
(RJ)	mm	216	229	254	305	368	419	508	635	711	800	927	991	991	1308
H(	in	18.78	20.24	20.67	26.61	29.61	28.50	32.52	41.54	51.85	59.84	61.15	62.25	67.57	72.89
OPEN)	mm	477	514	525	676	752	724	826	1055	1317	1520	1552	1580	1715	1850
W	in	7.87	9.84	9.84	9.84	11.81	13.78	15.75	17.72	25.20	18.11*	18.11*	24.02*	27.95*	31.49*
	mm	200	250	250	250	300	350	400	450	640	460*	460*	610*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 300 - FIG NO : 3BGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	585
L-L1	in	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
(RF-BW)	mm	267	292	318	356	400	444	559	622	711	838	864	977	1016	1346
L2	in	11.12	12.12	13.12	14.62	16.37	18.12	22.62	25.12	28.62	33.62	34.65	39.09	40.75	53.74
(RJ)	mm	283	308	333	371	416	460	575	638	727	854	880	993	1035	1365
H	in	19.25	20.71	23.70	26.77	30.87	34.06	51.61	52.28	54.84	55.75	59.06	66.69	75.98	90.94
(OPEN)	mm	489	526	602	680	784	865	1311	1328	1393	1416	1500	1694	1930	2310
W	in	7.87	9.84	9.84	13.78	15.75	17.72	22.05	18.11*	27.95*	27.95*	27.95*	27.95*	31.49*	31.49*
	mm	200	250	250	350	400	450	560	460*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 600 - FIG NO : 6BGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	51	64	76	102	152	200	248	298	327	375
L-L1	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00
(RF-BW)	mm	292	330	356	432	559	660	787	838	889	991
L2	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.13
(RJ)	mm	295	333	359	435	562	664	791	841	892	994
H	in	23.43	27.64	28.70	34.17	48.82	51.38	57.32	70.55	83.46	97.64
(OPEN)	mm	595	702	729	868	1240	1305	1456	1792	2120	2480
W	in	9.84	11.81	13.78	17.72	24.02*	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	250	300	350	450	610*	610*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

OTHER PRESSURE CLASS ARE AVAILABLE ON REQUEST.

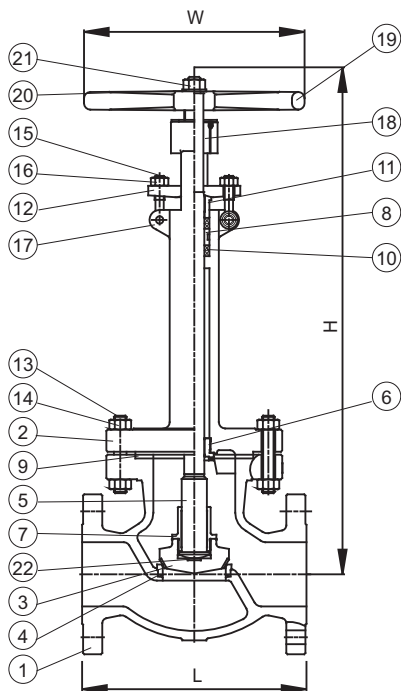
# GLOBE VALVE *LOW TEMP!!*



## CRYOGENIC GLOBE VALVE - BOLTED BONNET - ANSI CL. 150.300.600

### FEATURES & STANDARDS

- ◆ OUTSIDE SCREW & YOKE-OS&Y
- ◆ BOLTED BONNET-B.B
- ◆ RISING STEM & HANDWHEEL
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS: BS 1873 & API600 & BS6364
- ◆ FACE TO FACE: ANSI B16.10
- ◆ FLANGE FACE : ANSI B16.5
- ◆ BUTT WELD ENDS :ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API 598 & ANSI B16.34



TRIM NO. TABLE			
NO	STEM / BACK SEAT	WEDGE / DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

MATERIAL LIST				
NO	PART NAME	LCB	CF8	CF8M
1	Body	A352-LCB	A351-CF8	A351-CF8M
2	Bonnet	A352-LCB	A351-CF8	A351-CF8M
3	Disc	A352-LCB	A351-CF8	A351-CF8M
4	Seat	A350-LF2	A182-F304	A182-F316
7	Disc Nut	A276TP410	A276TP304	A276TP316
8	Lantern Ring	A276TP304	A276TP304	A276TP316
11	Gland	A276TP410	A276TP304	A276TP316
12	Gland Flange	A352-LCB	A351-CF8	A351-CF8M
13	Bonnet Stud	A320-L7	A193-B8	A193-B8
14	Bonnet Nut	A194-4	A194-8	A194-8
15	Gland Stud	A320-L7	A193-B8	A193-B8
16	Gland Nut	A194-4	A194-8	A194-8
17	Eye Bolt Pin	A276TP410	A276TP304	A276TP304
18	Yoke Sleeve	A493-D2C	A493-D2C	A493-D2C
19	Handwheel	Carbon Steel	Carbon Steel	Carbon Steel
20	Washer	Carbon Steel	AISI 304	AISI 304
21	Wheel Nut	Carbon Steel	AISI 304	AISI 304
22	Thrust-Washer	A276TP410	A276TP304	A276TP316

### GLAND PACKING & GASKET MATERIAL LIST

- 9 GASKET :  F304+GRAPHOIL  F316+GRAPHOIL  F304+TEFLON  F316+TEFLON  
 SOFT IRON (RJ)  F304 (RJ)  F316 (RJ)  ALLOY STEEL (RJ)  \_\_\_\_\_
- 10 GLAND PACKING :  GRAPHOIL / GRAPHOIL + 304/316 WIRE  TEFLON  \_\_\_\_\_

## GLOBE VALVE DIMENSIONS - CRYOGENIC SERVICE

### CLASS 150 - FIG NO :1CGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	438	489	591
L-L1	in	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00	38.50	38.50	51.00
(RF-BW)	mm	203	216	241	292	356	406	495	622	698	787	914	978	978	1295
L2	in	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50	39.02	39.02	51.50
(RJ)	mm	216	229	254	305	368	419	508	635	711	800	927	991	991	1308
H	in	27.20	28.11	28.54	32.80	34.92	34.13	40.94	47.40	54.76	60.43	55.75	56.89	59.65	68.90
(OPEN)	mm	691	714	725	833	887	867	1040	1204	1391	1535	1416	1445	1515	1750
W	in	7.87	9.84	9.84	11.87	11.81	13.78	15.75	17.72	25.20	18.11*	18.11*	24.02*	27.95*	31.49*
	mm	200	250	250	300	300	350	400	450	640	460*	460*	610*	710*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 300 - FIG NO : 3CGL

SIZE	in	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
d	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	585
L-L1	in	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
(RF-BW)	mm	267	292	318	356	400	444	559	622	711	838	864	977	1016	1346
L2	in	11.12	12.12	13.12	14.62	16.37	18.12	22.62	25.12	28.62	33.62	34.65	39.09	40.75	53.74
(RJ)	mm	283	308	333	371	416	460	575	638	727	854	880	993	1035	1365
H	in	27.52	28.58	30.71	32.91	35.83	38.11	54.61	55.08	56.89	57.56	59.92	65.35	74.02	88.98
(OPEN)	mm	699	726	780	836	910	968	1387	1399	1445	1462	1522	1660	1880	2260
W	in	7.87	9.84	9.84	13.78	15.75	17.72	22.05	24.02*	27.95*	27.95*	27.95*	27.95*	31.49*	31.49*
	mm	200	250	250	350	400	450	560	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 600 - FIG NO : 6CGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
d	mm	51	64	76	102	152	200	248	298	327	375
L-L1	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00
(RF-BW)	mm	292	330	356	432	559	660	787	838	889	991
L2	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.13
(RJ)	mm	295	333	359	435	562	664	791	841	892	994
H	in	30.51	33.54	34.29	38.19	48.66	54.41	58.66	68.11	79.92	92.13
(OPEN)	mm	775	852	871	970	1236	1382	1490	1730	2030	2340
W	in	9.84	11.81	13.78	17.72	24.02*	24.02*	27.95*	27.95*	31.49*	31.49*
	mm	250	300	350	450	610*	610*	710*	710*	800*	800*

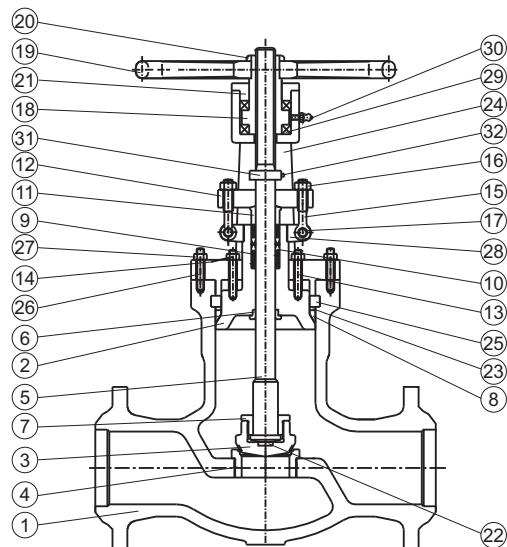
\*BEVEL GEAR OPERATOR IS RECOMMENDED.

OTHER PRESSURE CLASS ARE AVAILABLE ON REQUEST.

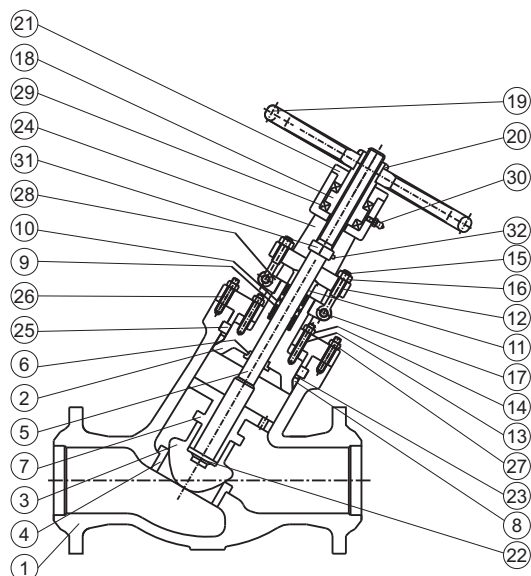


# GLOBE VALVE

## GLOBE VALVE - PRESSURE SEAL BONNET - ANSI CL. 600.900.1500.2500.4500



## Y - GLOBE VALVE - PRESSURE SEAL BONNET - ANSI CL. 600.900.1500.2500.4500



## GLOBE VALVE - PRESSURE SEAL BONNET - ANSI CL600.900.1500.2500.4500

### FEATURES & STANDARDS

- ◆ OUTSIDE SCREW & YOKE - OS&Y
- ◆ PRESSURE SEAL BONNET-PSB
- ◆ HORIZONTAL OR VERTICAL INSTALLATION
- ◆ FULL BORE OPENING
- ◆ DESIGN STANDARDS: ANSI B16.34
- ◆ FACE TO FACE: ANSIB16.10
- ◆ FLANGE FACE: ANSI B16.5
- ◆ BUTT WELD ENDS: ANSI B16.25
- ◆ P-T RATING: ANSI B16.34
- ◆ PRESSURE TEST: API598 & ANSI B16.34
- ◆ 100% X-RAY TEST AS PES ANSI B16.34

### TRIM NO. TABLE

NO	STEM/ BACK SEAT	WEDGE / DISC	SEAT
1	13Cr	13Cr	13Cr
2	304	304	304
5	13Cr	Stellite No.6	Stellite No. 6
8	13Cr	13Cr	Stellite No. 6
9	Monel	Monel	Monel
10	316	316	316
12	316	316	Stellite No. 6
16	316	Stellite No.6	Stellite No. 6
20	304	304	Stellite No. 6
15	304	Stellite No.6	Stellite No. 6

### MATERIAL LIST

NO	PART NAME	WCB	LCB	WC6	WC9	C5	C12	CF8	CF8M
1	Body	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
2	Bonnet	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
3	Disc	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
4	Seat	A105	A350-LF2	A182-F11	A182-F22	A182-F5	A182-F9	A182-F304	A182-F316
7	Disc Nut	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
10	Lantern Ring	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP316
11	Gland	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
12	Gland Flange	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
13	Bonnet Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
14	Bonnet Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
15	Gland Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
16	Gland Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
17	Eye Bolt Pin	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP304
18	Yoke Sleeve	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C	A493-D2C
19	Handwheel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
20	H.W.Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	AISI 304	AISI 304
21	Yoke Cap	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	A351-CF8	A351-CF8
22	Thrust-Washer	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP410	A276TP304	A276TP316
23	Thrust Ring	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316
24	Yoke	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
25	Back Up Ring	A217-CA15	A351-CF8	A217-CA15	A217-CA15	A217-CA15	A217-CA15	A351-CF8	A351-CF8M
26	Yoke Stud	A193-B7	A320-L7	A193-B16	A193-B16	A193-B16	A193-B16	A193-B8	A193-B8
27	Yoke Nut	A194-2H	A194-4	A194-4	A194-4	A194-4	A194-4	A194-8	A194-8
28	Clamp	A216-WCB	A352-LCB	A217-WC6	A217-WC9	A217-C5	A217-C12	A351-CF8	A351-CF8M
29	Bearing	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
30	Grease Nipple	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
31	Guide	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB	A351-CF8	A351-CF8
32	Guide Bolt	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP304	A276TP316

### GLAND PACKING & GASKET MATERIAL LIST

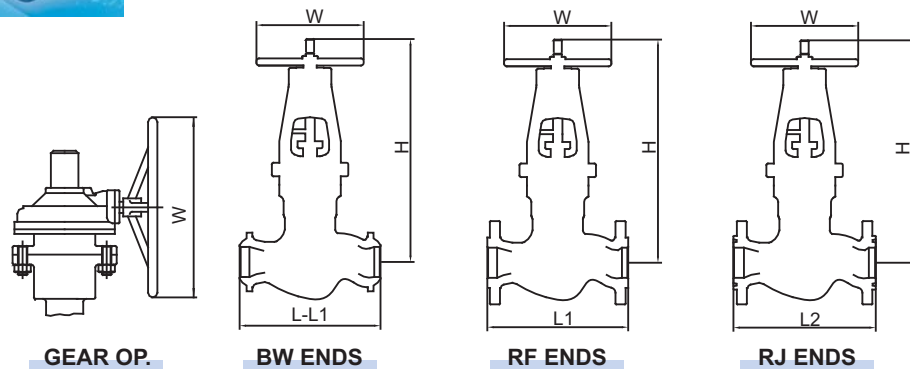
- 8 GASKET :  GRAPHOIL  F304  F316  ALLOY STEEL  \_\_\_\_\_  
 9 GLAND PACKING :  GRAPHOIL / GRAPHOIL + 304/316 WIRE  TEFLON  \_\_\_\_\_

 **SOUR OIL AND GAS SERVICE - NACE MR-01-75 : A193-B7M STUDS & A194-2HM NUTS ARE AS STANDARD.**

# GLOBE VALVE

API.CE.ISO CERTIFIED

## GLOBE VALVE DIMENSIONS - PRESSURE SEAL BONNET



### CLASS 600-FIG NO: 6PGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L-(SP)	mm	178	216	254	305	457	584	711	813	889	991
L1-(LP)	mm	292	330	356	432	559	660	787	838	889	991
L2	mm	295	333	359	435	562	664	791	841	892	994
H	mm	487	553	618	680	930	1101	1140	1380	1810	2170
W	mm	250	300	350	450	610*	610*	610*	710*	710*	710*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 900-FIG NO: 9PGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L-(SP)	mm	216	254	305	356	508	660	787	914	991	1092
L1-(LP)	mm	368	419	381	457	610	737	838	965	1029	1130
L2	mm	371	422	384	460	613	740	841	968	1038	1140
H	mm	618	641	721	850	1025	1150	1240	1550	1800	2110
W	mm	350	400	400	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 1500-FIG NO: 15PGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"
L-(SP)	mm	216	254	305	406	559	711	864	991	1067
L1-(LP)	mm	368	419	470	546	705	832	991	1130	1257
L2	mm	371	422	473	549	711	841	1000	1146	1276
H	mm	650	680	750	990	1230	1385	1542	1860	1940
W	mm	300	400	450	610*	710*	710*	800*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

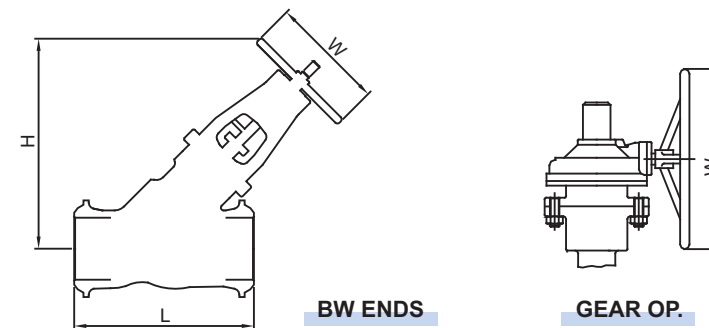
### CLASS 2500-FIG NO: 25PGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L-(SP)	mm	279	330	368	457	610	762	914	1041
L1-(LP)	mm	451	508	578	673	914	1022	1270	1422
L2	mm	454	514	584	683	927	1038	1292	1445
H	mm	700	880	900	1100	1280	1410	1740	1840
W	mm	400	450	610*	710*	710*	800*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

CLASS 4500 - FIG NO: 45PGL-OFFER DIMENSIONS ON REQUEST.

## Y-GLOBE VALVE DIMENSIONS - PRESSURE SEAL BONNET



### CLASS 600-FIG NO: 6YPGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L-(SP)	mm	178	216	254	305	457	584	711	813	889	991
L-(LP)	mm	292	330	356	432	559	660	787	838	889	991
H	mm	410	500	568	630	820	1030	1250	1380	1530	1830
W	mm	250	300	350	450	610*	610*	610*	710*	710*	710*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 900-FIG NO: 9YPGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L-(SP)	mm	216	254	305	356	508	660	787	914	991	1092
L-(LP)	mm	368	419	381	457	610	737	838	965	1029	1130
H	mm	520	540	620	750	890	1120	1270	1580	1680	1880
W	mm	350	400	400	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 1500-FIG NO: 15YPGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"
L-(SP)	mm	216	254	305	406	559	711	864	991	1067
L-(LP)	mm	368	419	470	546	705	832	991	1130	1257
H	mm	550	580	650	880	930	1220	1320	1680	1780
W	mm	300	400	450	610*	710*	710*	800*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 2500-FIG NO: 25YPGL

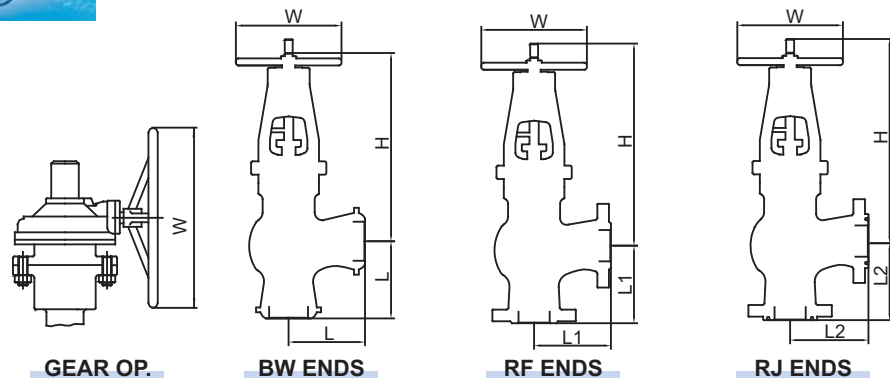
SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L-(SP)	mm	279	330	368	457	610	762	914	1041
L-(LP)	mm	451	508	578	673	914	1022	1270	1422
H	mm	550	720	800	920	995	1330	1460	1680
W	mm	400	450	610*	710*	710*	800*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

CLASS 4500 - FIG NO: 45YPGL-OFFER DIMENSIONS ON REQUEST.

# GLOBE VALVE

## ANGLE GLOBE VALVE DIMENSIONS - PRESSURE SEAL BONNET



### CLASS 600-FIG NO: 6APGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L	mm	146	165	178	216	280	330	394	419	450	496
L1	mm	146	165	178	216	280	330	394	419	450	496
L2	mm	148	167	180	218	281	332	396	421	446	497
H	mm	487	553	618	680	930	1101	1140	1380	1810	2170
W	mm	250	300	350	450	610*	610	610*	710*	710*	710*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 900-FIG NO: 9APGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"	16"
L	mm	184	210	191	229	305	369	419	483	515	565
L1	mm	184	210	191	229	305	369	419	483	515	565
L2	mm	186	211	192	230	307	370	421	484	519	570
H	mm	618	641	721	850	1025	1150	1240	1550	1800	2110
W	mm	350	400	400	610*	710*	710*	710*	710*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

### CLASS 1500-FIG NO: 15APGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"	14"
L	mm	184	210	235	273	353	416	496	565	629
L1	mm	184	210	235	273	353	416	496	565	629
L2	mm	186	211	237	275	356	421	500	573	638
H	mm	650	680	750	990	1230	1385	1542	1860	1940
W	mm	300	400	450	610*	710*	710*	800*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

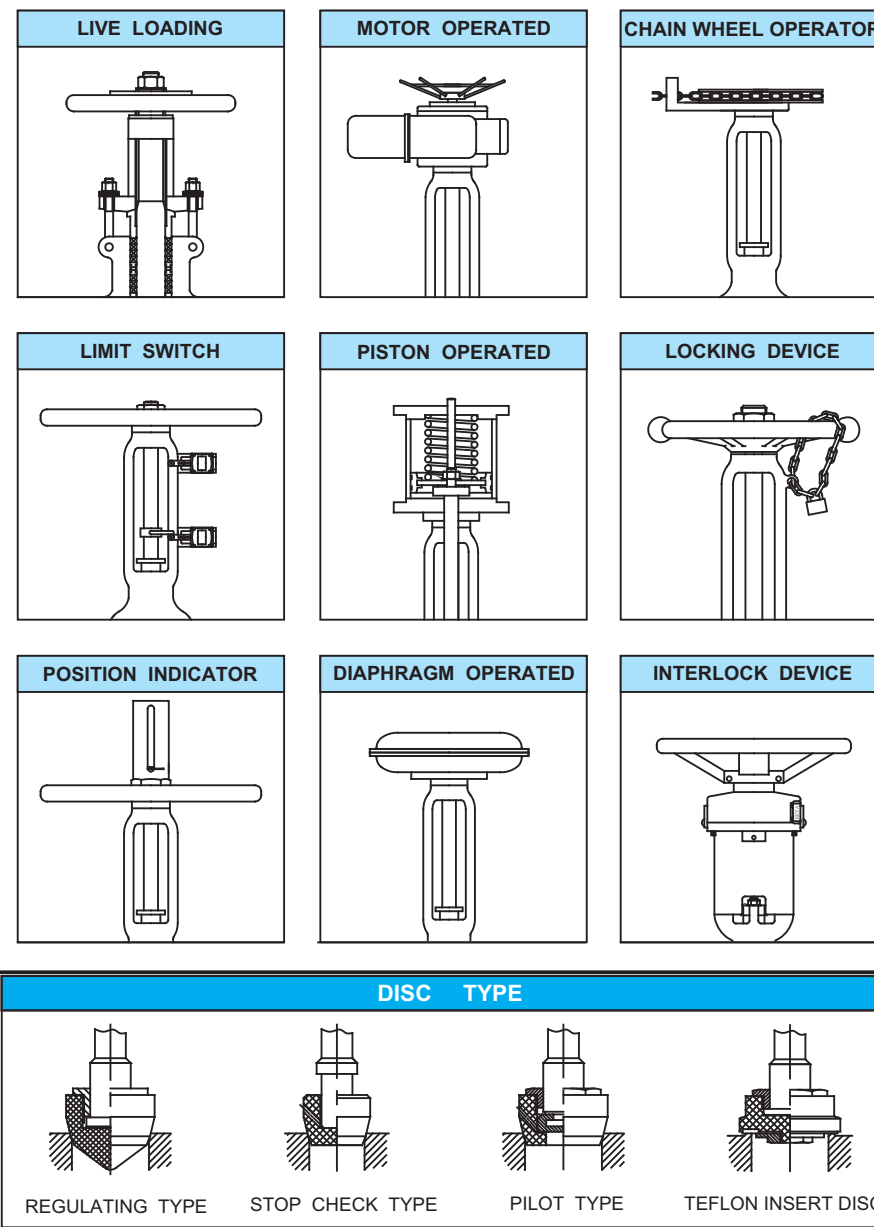
### CLASS 2500-FIG NO: 25APGL

SIZE	in	2"	2-1/2"	3"	4"	6"	8"	10"	12"
L	mm	226	254	289	337	457	511	635	711
L1	mm	226	254	289	337	457	511	635	711
L2	mm	227	257	292	342	464	519	646	723
H	mm	700	880	900	1100	1280	1410	1740	1840
W	mm	400	450	610*	710*	710*	800*	800*	800*

\*BEVEL GEAR OPERATOR IS RECOMMENDED.

CLASS 4500 - FIG NO:45APGL-OFFER DIMENSIONS ON REQUEST.

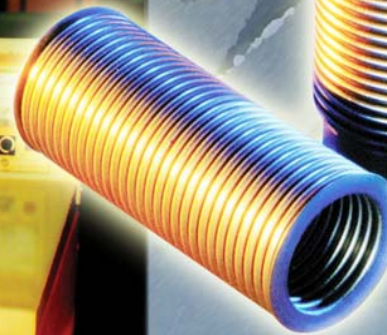
## OPTIONAL DEVICES FOR GLOBE VALVE





## ZERO LEAKAGE

- DOUBLE AND TRIPLE WALL BELLOWS
- 30000 CYCLES TEST FOR GLOBE
- 20000 CYCLES TEST FOR GATE
- LOOSE DISC DESIGN
- NON-ROTATING STEM



BELLOWS TEST