



GLOBE VALVES CATENA



CDG Valve Manufacturer

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CDG Valve Manufacturer

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COMPANY HISTORY

- 1963 : Founded CDG.
- 1985 : CDG brand creation.
- 1989 : Production of pneumatic actuators, and Italy FABIA to establish acooperation.
- 1992 : With the United States FAIRCHILD cooperation, Production of electric actuators.
- 2001 : Focus on the production and assembly of CDG.
- 2005 : Production of hydraulic actuators.
- 2006 : Production of valves.
- 2011 : Oil station development and use.
- 2016 : Set up a number of representative offices in China.

Company introduction

The CDG is a famous valve manufacturers, the company is headquartered in America's largest city, Detroit, Michigan is located in the northeastern United States, Canada, Detroit river north of Windsor an important port city. With strong industrial base and freight advantage.

CDG products have unique design, short delivery time, competitive price and excellent after-sales support. As a professional manufacturer of valves, it quickly became the industry leader.

CDG has more than 50 years experience in the valve industry. The r&d department USES these experiences to constantly design new products, improve existing products, and adapt to changing market demands and constantly improving international standards.

CDG can provide standard and non-standard solutions that can be customized according to customer needs.

CDG has created a wide range of reliable products. CDG is favored and admired by the world's leading EPC and oil and gas companies because of its high performance in extreme conditions. Its products are

used in power plant, petrochemical, metallurgy, papermaking, automobile and more Product certification based on customer requirements and government legislation is a guarantee of product quality. CDG USES advanced testing laboratories to ensure the durability of its products. Fire safety, high temperature and low temperature testing can be carried out under extreme conditions.

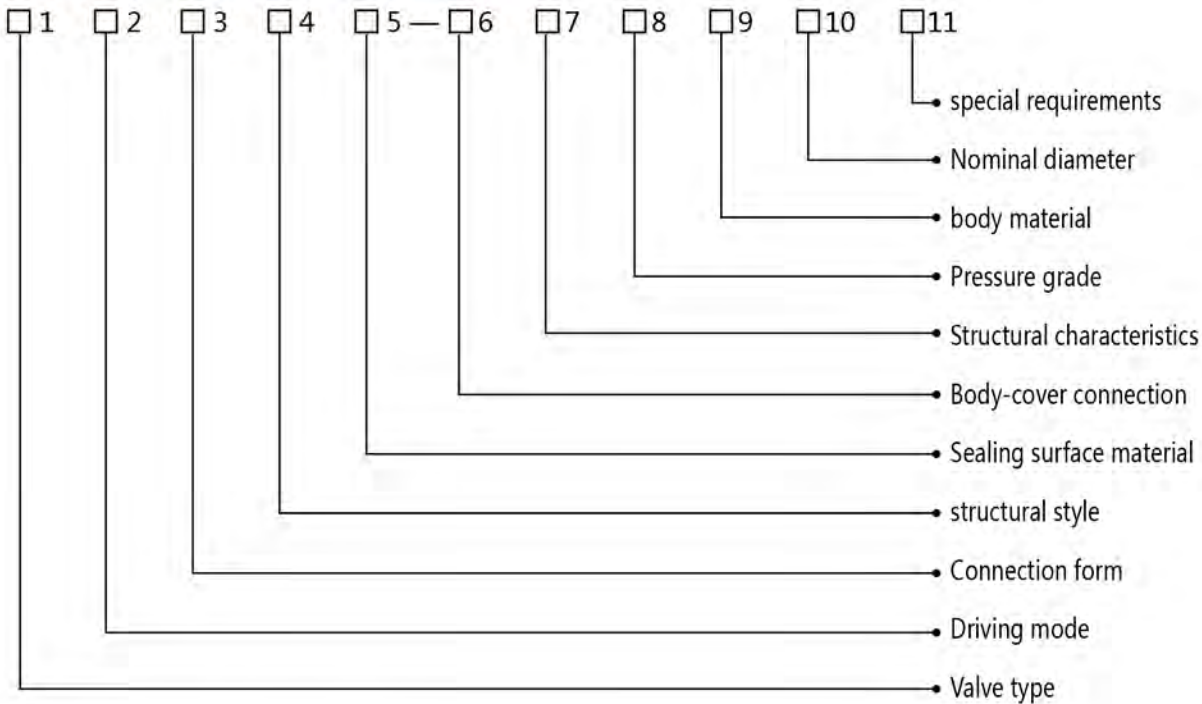
CDG good position, provide comprehensive after-sales support, fast, efficient, with unparalleled expertise. Our skilled engineers and technicians work 24 hours a day to respond to customer queries, solve problems, and provide reliable solutions. A comprehensive after-sales service creates a complete solution, customer support, covering all requirements.

CDG is a long-term, reliable, available and cost- effective partner for your existing and new business.

CDG brand is comprehensive, including valve and oil station, pneumatic actuator, electric actuator and hydraulic actuator and other related fields. To enable CDG to meet different needs it can be sold separately, and can be matched in a complete set, so that users can reduce their worries.

CDG globe valves can be used reliably and stably in high and low pressure applications such as oil, gas, steam, air and gas. Medium and low pressure adopt taper valve sealing structure, large caliber, high pressure valve adopt inner bypass valve sealing structure, medium flow direction is high in low out, medium pressure seal is adopted, which has the advantages of reliable sealing and light operating moment. Wide range of interior materials and connection form between valve body and valve cover can be configured according to working conditions.

Description of Model Formulation



- 1. Valve type code: GL-globe valve
 - 2. Driving mode code: 3-worm gear and worm drive 4-spur gear 5-bevel gear 6-pneumatic 9-electric (handwheel drive strategy)
 - 3. Connection form code: 4-flange connection 6-butt welding
 - 4. Structural form code: 1-through 4-angle
 - 5. Sealing material code: Y-cemented carbide F-polytetrafluoroethylene (PTFE) FS-PTFE+carbon fiber FC-PTFE+carbon fiber+copper H-iron base alloy M-Monel alloy
 - 6. Body and cover connection code: W-welding connection P-pressure seal connection
 - 7. Structural Characteristic Code: Y-Y Valve
 - 8. Pressure Grade Code: Nominal Pressure Scale is Actual Number
 - 9. Valve body material code: C-WCB, I-WC6, V-WC9, R-CF8M, S-CF3, L-CF3M, F-LCB, O-CF8, P-F91
 - 10. Nominal Path Code: Inch
 - 11. Special Requirements Code: S-Sulphur Resistant L-Low Temperature X-Lengthened Rod Type I-Insulation Type
- Note: Carbon steel valve body, omit this code

The following structure is adopted:

- Taper Seal Disc or Soft Seal Structure
- Replaceable upper seal seat
- Bolted connection, wound gasket octagonal gasket sealing cover and pressure self-tightening cover, high temperature creep resistance design
- Nitriding Precipitation Hardening Stainless Steel for Valve Stem

The following criteria are used:

- Flange end compliance: ASME B16.5
- Conformity of butt welding end: ASME B16.25
- Structural Length Consistent: ASME B16.10
- The operation mode can be changed into electric, pneumatic, hydraulic and gear transmission.



Cover bolt connection



Cover Pressure Self-Sealing Connection (Worm Wheel)

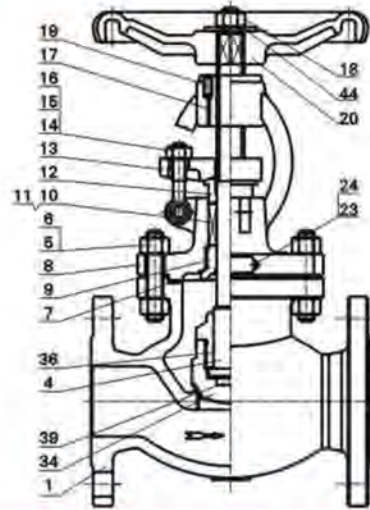


Cover pressure self-sealing connection (handwheel)



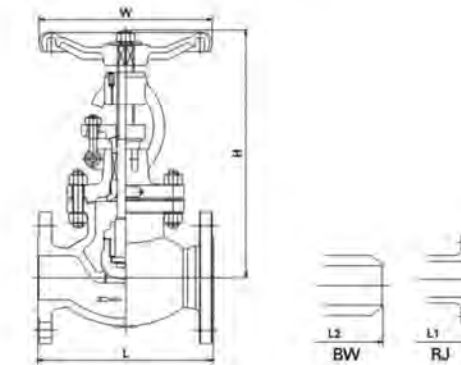
Y-type valve cover pressure self-sealing connection

Cover bolted connection globe valve



Serial number	Part name	WCB	C5	WC6	CF8	CF8M
1	valve body	A216 WCB	A217 C5	A217 WC6	A351 CF8	A351 CF8M
4	Stem	A182 F6a	A182 F6a	A182 F6a	A182 304	A479 316
5	Bolt	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8M
6	Nut	A194 2H	A194 2H	A194 2H	A194 8	A194 8M
7	Shim 150Lb	graphite GHE				Graphite sheet
	Shim 300Lb	304 Flexible graphite				Spiral wound
	Shim ≥ 600Lb	F304				Spiral wound
8	Bonnet	A216 WCB	A217 C5	A217 WC6	A351 CF8	A351 CF8M
9	Upper sealing block	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
10	filler	304 Wire + Flexible Graphite				Pillar 6610+6528
11	Spacer ring	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
12	Packing sleeve	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
13	Packing plate	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8
14	Live bolt	A193 B7	A193 B7	A193 B7	A193 B7	A193 B8
15	Nut	A194 2H	A194 2H	A194 2H	A194 2H	A194 8
16	Cross pin	1035	1035	1035	304	304
17	Stem nut	A439 Type D2	A439 Type D2	A439 Type D2	A439 Type D2	A439 Type D2
18	Lock nut	1035	1035	1035	1035	1035
19	Check screw	1035	1035	1035	1035	1035
20	handwheel	AISI 1118	AISI 1118	AISI 1118	AISI 1118	AISI 1118
23	Nameplate	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304
24	rivet	AL	AL	AL	AL	AL
34	Disc	A105/STL.6	A335-P5/STL.6	A182 F11/STL.6	A182 F304	A182 F316
36	Disc cover	1035	304	304	304	316
39	Cushion block	410	410	410	304	304
44	Washer	1035	1035	1035	1035	1035

Note: Rings are installed when customers need them.



GL41H-150Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg)
2"	7.99/203	8.50/216	7.99/203	13.78/350	8.66/220	21
2 1/2"	8.50/216	9.02/229	8.50/216	14.25/362	9.84/250	29
3"	9.49/241	10.00/254	9.49/241	15.16/385	11.02/280	34
4"	11.50/292	12.01/305	11.50/292	19.29/490	12.60/320	54
5"	14.02/356	14.53/369	14.02/356	17.91/455	12.60/320	72
6"	15.98/406	16.50/419	15.98/406	21.14/537	15.75/400	93
8"	19.49/495	20.00/508	19.49/495	27.83/707	17.72/450	185
10"	24.49/622	25.00/635	24.49/622	31.02/788	22.05/560	268
12"	27.48/698	27.99/711	27.48/698	32.28/820	22.83/580	400
14"	30.98/787	31.50/800	30.98/787	35.35/898	-	650
16"	35.98/914	36.50/927	35.98/914	36.61/930	-	1113
18"	38.50/978	39.02/991	38.50/978	38.58/980	-	-
20"	38.50/978	39.02/991	38.50/978	40.47/1028	-	-
24"	50.98/1295	51.50/1308	50.98/1295	44.65/1134	-	-

Note: ≥ 14" High in and low out (double disc)

GL41H-300Lb

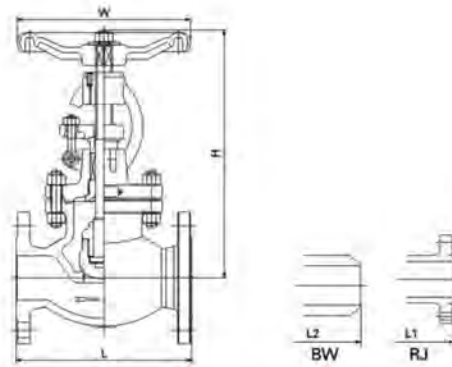
NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg)
2"	10.51/267	11.14/283	10.51/267	13.58/345	8.66/220	28
2 1/2"	11.50/292	12.13/308	11.50/292	14.84/377	9.84/250	36
3"	12.52/318	13.15/334	12.52/318	15.94/405	11.02/280	50
4"	14.02/356	14.65/372	14.02/356	18.43/468	12.60/320	75
5"	15.75/400	16.38/416	15.75/400	24.41/620	15.75/400	140
6"	17.48/444	18.15/461	17.48/444	27.87/708	17.72/450	200
8"	22.01/559	22.64/575	22.01/559	30.59/777	19.69/500	287
10"	24.49/622	25.12/638	24.49/622	36.81/935	22.05/560	510
12"	27.99/711	28.62/727	27.99/711	37.60/955	23.62/600	720
14"	32.60/828	33.62/854	32.60/828	37.83/961	-	-
16"	34.02/864	34.65/880	34.02/864	39.76/1010	-	-
18"	38.50/978	39.13/994	38.50/978	41.73/1060	-	-
20"	40.00/1016	40.75/1035	40.00/1016	43.31/1100	-	-
24"	52.99/1346	53.86/1368	52.99/1346	49.17/1249	-	-

Note: ≥ 10" High in and low out (double disc)

GL41H-600Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg)
2"	11.50/292	11.61/295	11.50/292	15.16/385	11.22/285	32
2 1/2"	12.99/330	13.11/333	12.99/330	16.93/430	11.22/285	45
3"	14.02/356	14.13/359	14.02/356	18.70/475	12.60/320	62
4"	17.01/432	17.13/435	17.01/432	26.97/685	15.75/400	139
5"	20.00/508	20.12/511	20.00/508	30.31/770	19.69/500	240
6"	22.01/559	22.13/562	22.01/559	35.47/901	21.65/550	342
8"	25.98/660	26.10/663	25.98/660	35.94/913	23.62/600	483
10"	30.98/787	31.10/790	30.98/787	41.73/1060	25.59/650	870
12"	32.99/838	33.11/841	32.99/838	48.31/1227	29.92/760	1067
14"	35.00/889	35.12/892	35.00/889	51.97/1320	-	-
16"	39.02/991	39.13/994	39.02/991	60.63/1540	-	-

Note: ≥ 5" High in and low out (double disc)



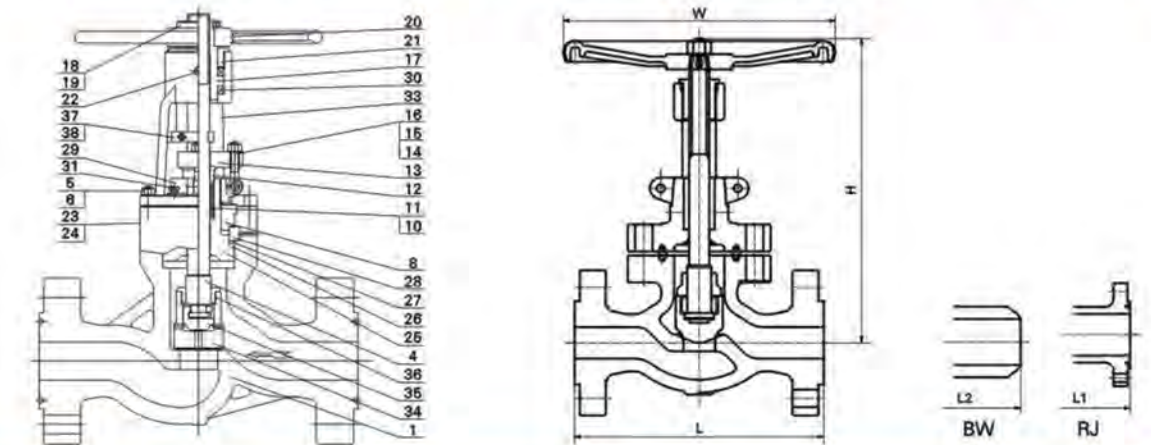
GL41H-900Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg)
2"	14.49/368	14.61/371	14.49/368	16.93/430	12.60/320	58
2 1/2"	16.50/419	16.61/422	16.50/419	22.83/580	12.60/320	92
3"	15.00/381	15.12/384	15.00/381	26.57/675	13.78/350	144
4"	17.99/457	18.11/460	17.99/457	30.71/780	19.69/500	225
6"	24.02/610	24.13/613	24.02/610	34.25/870	22.05/560	502
8"	29.13/740	29.02/737	29.13/740	38.58/980	33.46/850	720
10"	32.99/838	33.11/841	32.99/838	39.76/1010	-	-
12"	37.99/965	38.11/968	37.99/965	51.18/1300	-	-
14"	40.51/1029	40.91/1039	40.51/1029	55.12/1400	-	-
16"	44.49/1130	44.88/1140	44.49/1130	62.99/1600	-	-

GL41H-1500Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg)
2"	14.49/368	14.61/371	14.49/368	16.93/430	12.60/320	66
2 1/2"	16.50/419	16.61/422	16.50/419	19.69/500	15.75/400	115
3"	18.50/470	18.62/473	18.50/470	29.53/750	17.72/450	188
4"	21.50/546	21.61/549	21.50/546	32.28/820	23.62/600	292
6"	27.76/705	27.99/711	27.76/705	35.83/910	27.56/700	620
8"	32.76/832	33.15/842	32.76/832	39.96/1015	31.50/800	808
10"	39.02/991	39.41/1001	39.02/991	40.75/1035	-	-
12"	44.49/1130	45.12/1146	44.49/1130	53.15/1350	-	-
14"	49.49/1257	50.24/1276	49.49/1257	57.48/1460	-	-

Cover pressure self-sealing connection globe valve (power station)



Serial number	Part name	WCB	WC6	WC9	CF8	CF3M	CE3MN
1	valve body	A216 WCB	WC6	WC9	CF8	CF3M	CE3MN
4	Stem	A182 F6a	A182 F6a	A182 F6a	A182 F304	F316L	F53
5	Bolt	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8M	A193 B8M
6	Nut	A194 2H	A194 2H	A194 2H	A194 8	A194 8M	A194 8M
8	Bonnet	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8	A351 CF8
10	filler	Flexible graphite					
11	Spacer ring	A182 F6a	A182 F6a	A182 F6a	A182 F304	F316L	F53
12	Packing sleeve	A182 F6a	A182 F6a	A182 F6a	A182 F304	F316L	F53
13	Packing plate	A216 WCB	A216 WCB	A216 WCB	A182 CF8	A182 CF8	A182 CF8
14	Live bolt	A193 B7	A193 B7	A193 B7	A193 B8	Flexible graphite	Flexible graphite
15	Nut	A194 2H	A194 2H	A194 2H	A194 8	A194 8M	A194 8M
16	Cross pin	1035	1035	1035	304	304	304
17	Stem nut	A439 Type D2	A439 Type D2	A439 Type D2	A439 Type D2	A439 Type D2	A439 Type D2
18	Lock nut	1035	1035	1035	1035	1035	1035
19	Check screw	1035	1035	1035	1035	1035	1035
20	handwheel	AISI 1118	AISI 1118	AISI 1118	AISI 1118	AISI 1118	AISI 1118
21	bearing cover	1035	1035	1035	1035	1035	1035
22	Oil cup	finished product	finished product	finished product	finished product	finished product	finished product
23	Nameplate	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304
24	rivet	AL	AL	AL	AL	AL	AL
25	Self sealing seat	A216 WCB	A216 WC6	A216 WC9	CF8	CF3M	CE3MN
26	Self sealing gasket	304 Wire + Flexible Graphite					
27	Self sealing ring	A182 F6a	A182 F304	A182 F304	A182 F304	A182 F316L	A182 F53
28	Four open loop	A182 F6a	A182 F11	A182 F22	A182 F304	A182 F316L	A182 F53
29	Suspension bracket	A216 WCB	A216 WCB	A216 WCB	CF8	CF8	CF8
30	Bearing	40Cr	40Cr	40Cr	40Cr	40Cr	40Cr
31	Hanging bolt	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8	A193 B8
33	Bracket	A216 WCB	A216 WCB	A216 WCB	CF8	CF8	CF8
34	Large disc	A105	A182 F11	A182 F22	A182 F304	A182 F316L	A182 F53
35	Small flap	A105	A182 F11	A182 F22	A182 F304	A182 F316L	A182 F53
36	Disc cover	1035	1035	1035	A182 F304	A182 F316L	A182 F53
37	Clip row	1045	1045	1045	1045	1045	1045
38	Inner hexagonal bolt	A193 B7	A193 B7	A193 B7	A193 B7	A193 B7	A193 B7

Note: Rings are installed when customers need them.

GL₉ 41Y-P900Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg) welding	Weight (kg) flange
2"	14.49/368	14.61/371	8.50/216	17.99/457	15.98/406	41	68
2 1/2"	16.50/419	16.61/422	10.00/254	17.99/457	15.98/406	41	68
3"	15.00/381	15.12/384	12.01/305	17.99/457	15.98/406	41	68
4"	17.99/457	18.11/460	14.02/356	22.99/584	15.98/406	90	124
6"	24.02/610	24.13/613	20.00/508	32.48/825	27.99/711	261	346
8"	29.02/737	29.13/740	25.98/660	38.98/990	27.99/711	437	600
10"	32.99/838	33.11/841	30.98/787	46.69/1186	35.98/914	727	929
12"	37.99/965	38.11/968	35.98/914	51.97/1320	35.98/914	1030	1324
14"	40.51/1029	40.91/1039	39.02/991	60.00/1524	35.98/914	1534	2009

GL₉ 41Y-P1500Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg) welding	Weight (kg) flange
2"	14.49/368	14.61/371	8.50/216	18.98/482	15.98/406	47	75
2 1/2"	16.50/419	16.61/422	10.00/254	18.98/482	15.98/406	47	75
3"	18.50/470	18.62/473	12.01/305	22.72/577	15.98/406	79	115
4"	21.50/546	21.61/549	15.98/406	26.97/685	15.98/406	151	208
6"	27.76/705	27.99/711	22.01/559	36.73/933	27.99/711	367	503
8"	32.76/832	33.15/842	27.99/711	46.97/1193	35.98/914	626	852
10"	35.87/911	39.41/1001	34.02/864	50.00/1270	35.98/914	1163	1533
12"	44.49/1130	45.12/1146	39.02/991	56.97/1447	41.97/1066	1835	2390

GL₉ 41Y-P2000Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg) welding	Weight (kg) flange
2"	16.50/419	16.61/422	10.00/254	18.98/482	15.98/406	60	100
2 1/2"	18.50/470	18.62/473	12.01/305	22.72/577	15.98/406	65	110
3"	21.50/546	21.61/549	15.98/406	26.97/685	15.98/406	90	185
4"	27.76/705	27.99/711	22.01/559	36.73/933	27.99/711	135	235
6"	32.76/832	33.15/842	27.99/711	46.97/1193	35.98/914	415	660
8"	35.87/911	39.41/1001	34.02/864	50.00/1270	35.98/914	670	1120
10"	44.49/1130	45.12/1146	39.02/991	56.97/1447	41.97/1066	1250	2030
12"	50.00/1270	50.87/1292	39.84/1012	58.66/1490	41.97/1066	1870	3100

GL₉ 41Y-P2500Lb

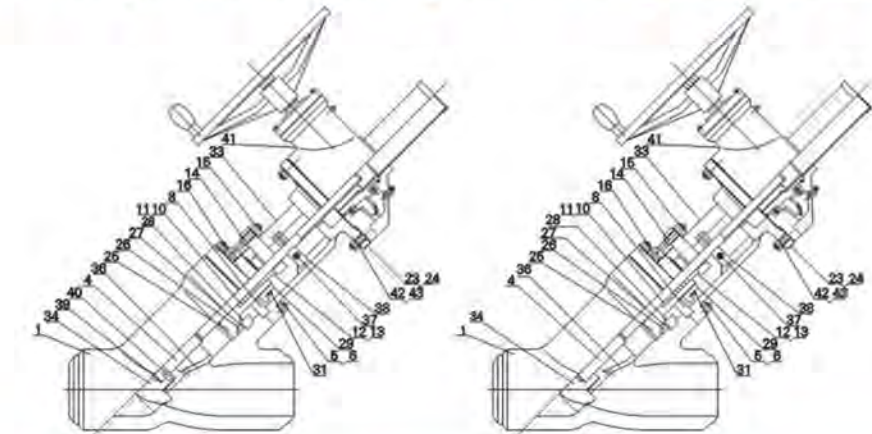
NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg) welding	Weight (kg) flange
2"	17.76/451	17.87/454	10.98/279	19.49/495	15.98/406	74	117
2 1/2"	20.00/508	20.24/514	12.99/330	19.49/495	15.98/406	74	117
3"	22.76/578	22.99/584	14.49/368	23.74/603	15.98/406	114	195
4"	26.50/673	26.89/683	17.99/457	26.97/685	15.98/406	140	260
6"	35.98/914	36.50/927	24.02/610	38.23/971	27.99/711	459	770
8"	40.24/1022	40.87/1038	30.00/762	47.24/1200	35.98/914	767	1238
10"	50.00/1270	50.87/1292	35.98/914	55.75/1416	41.97/1066	1320	2222
12"	55.98/1422	56.85/1444	40.98/1041	60.00/1524	41.97/1066	1905	3310

GL₉ 41Y-P3500Lb

NPS	L(inch/mm)	L1(inch/mm)	L2(inch/mm)	H(inch/mm)	W(inch/mm)	weight (kg) welding	Weight (kg) flange
2 1/2"	-	-	18.90/480	35.04/890	18.11/460	74	-
3"	-	-	25.20/640	40.55/1030	22.05/560	114	-
4"	-	-	30.00/762	49.76/1264	24.02/610	140	-
6"	-	-	37.99/965	62.99/1600	29.92/760	459	-

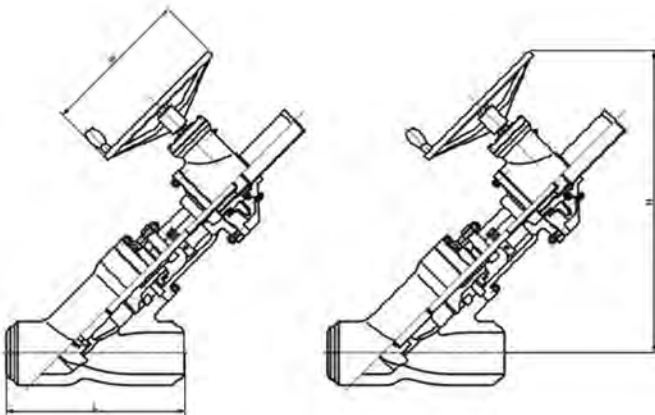
Note: Specifications and sizes not listed in the list. For further information, please consult the CDG Engineer.

Y-type valve cover pressure self-sealing connection globe valve (power station)



Serial number	Part name	WCB	C5	WC6	CF8	CF8M
1	valve body	A216 WCB	A217 C5	A217 WC6	A351 CF8	A351 CF8M
4	Stem	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
5	Bolt	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8M
6	Nut	A194 2H	A194 2H	A194 2H	A194 8	A194 8M
8	Bonnet	A216 WCB	A216 WCB	A216 WCB	A351 CF8M	A351 CF8M
10	filler	304 Wire + Flexible Graphite				Pillar 6610+6528
11	Spacer ring	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
12	Packing sleeve	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
13	Packing plate	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8
14	Live bolt	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8
15	Nut	A194 2H	A194 2H	A194 2H	A194 8	A194 8
16	Cross pin	1035	1035	1035	304	304
23	Nameplate	AISI 304	AISI 304	AISI 304	AISI 304	AISI 304
24	rivet	AL	AL	AL	AL	AL
25	Self sealing seat	A216 WCB	A217 C5	A217 WC6	A351 CF8	A351 CF8M
26	Self sealing gasket	304 Wire + Flexible Graphite				
27	Self sealing ring	A182 F6a	A182 F6a	A182 F6a	A182 F304	A182 F316
28	Four open loop	A182 F6a	A182 F11	A182 F11	A182 F304	A182 F316
29	Suspension bracket	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8
31	Hanging bolt	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8M
33	Bracket	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8
34	Disc	A105/STL.6	A182 F11	A182 F11/STL.6	A182 F304	A182 F316
36	Disc cover	A216 WCB	A217 C5	A217 WC6	A351 CF8	A351 CF8M
37	Clip row	1045	1045	1045	1045	1045
38	Inner hexagonal bolt	A193 B7	A193 B7	A193 B7	A193 B7	A193 B7
39	Cushion block	410	410	410	304	304
40	Opposite open loop	410	410	410	304	316
41	Bevel gear	finished product	finished product	finished product	finished product	finished product
42	Bolt	A193 B7	A193 B7	A193 B7	A193 B7	A193 B7
43	Nut	A194 2H	A194 2H	A194 2H	A194 2H	A194 2H

Note: Rings are installed when customers need them.



GL⁵₉ 41Y-PY600Lb

NPS	L(inch/mm)	H(inch/mm)	W(inch/mm)	Weight (kg)
6"	22.99/584	25.51/648	27.99/711	372
8"	22.99/584	25.51/648	27.99/711	372
10"	27.99/711	35.39/899	35.98/914	830
12"	32.01/813	45.55/1157	47.99/1219	1161
14"	32.01/813	45.55/1157	47.99/1219	1161
16"	40.98/1041	77.01/1956	47.99/1219	2527

GL⁵₉ 41Y-PY900Lb

NPS	L(inch/mm)	H(inch/mm)	W(inch/mm)	Weight (kg)
6"	27.76/705	40.47/1028	27.99/711	367
8"	30.00/762	53.39/1356	27.99/711	709
10"	36.26/921	63.58/1615	35.98/914	1318
12"	40.98/1041	77.83/1977	47.99/1219	1795
14"	42.99/1092	77.83/1977	47.99/1219	1795
16"	54.02/1372	89.61/2276	47.99/1219	3495
18"	62.99/1600	98.11/2492	72.01/1829	3550
20"	54.49/1384	110.98/2819	72.01/1829	4446

GL⁵₉ 41Y-PY1500Lb

NPS	L(inch/mm)	H(inch/mm)	W(inch/mm)	Weight (kg)
6"	27.76/705	40.47/1028	27.99/711	367
8"	30.00/762	53.39/1356	27.99/711	709
10"	36.26/921	63.58/1615	35.98/914	1318
12"	40.98/1041	77.83/1977	47.99/1219	1795
14"	42.99/1092	77.83/1977	47.99/1219	1795

GL⁵₉ 41Y-PY2000Lb

NPS	L(inch/mm)	H(inch/mm)	W(inch/mm)	Weight (kg)
6"	24.02/610	46.26/1175	27.99/711	470
8"	30.00/762	53.54/1360	27.99/711	725
10"	35.98/914	65.94/1675	35.98/914	1325
12"	40.98/1041	78.70/1999	47.99/1219	1925

GL⁵₉ 41Y-PY2500Lb

NPS	L(inch/mm)	H(inch/mm)	W(inch/mm)	Weight (kg)
6"	24.02/610	50.00/1270	27.99/711	682
8"	30.00/762	54.37/1381	27.99/711	750
10"	35.98/914	61.06/1551	35.98/914	1348
12"	40.98/1041	72.05/1830	35.98/914	2157
14"	48.74/1238	78.07/1983	47.99/1219	3448
16"	48.74/1238	78.07/1983	47.99/1219	3448
18"	57.99/1473	97.99/2489	72.01/1829	5136
20"	57.99/1473	97.99/2489	72.01/1829	6864

GL⁵₉ 41Y-PY3500Lb

NPS	L(inch/mm)	H(inch/mm)	W(inch/mm)	Weight (kg)
6"	31.10/790	48.03/1220	27.99/711	727

Note: Specifications and sizes not listed in the list. For further information, please consult the CDG Engineer.

Globe Valve and Torque Control Table

Caliber	150LB				300LB				600LB				900LB				1500LB				2500LB			
	Stem	ISO disk	Torque	Thrust	Stem	ISO disk	Torque	Thrust	Stem	ISO disk	Torque	Thrust	Stem	ISO disk	Torque	Thrust	Stem	ISO disk	Torque	Thrust	Stem	ISO disk	Torque	Thrust
2"	Tr20×4 LH	F10	20N.M	8KN	Tr20×4 LH	F10	40N.M	17.6KN	Tr22×5 LH	F12	80N.M	30KN	Tr26×5LH	F14	180N.M	58KN	Tr30×6 LH	F14	250N.M	73.5KN	Tr26×5LH	F14	250N.M	80KN
2-1/2"	Tr24×5 LH	F12	35N.M	11.5KN	Tr24×5 LH	F12	70N.M	25KN	Tr26×5 LH	F14	150N.M	46KN	-	-	-	-	Tr32×6 LH	F14	300N.M	85KN	Tr32×6LH	F14	460N.M	125KN
3"	Tr26×5 LH	F12	50N.M	15.5KN	Tr26×5 LH	F12	100N.M	35KN	Tr30×6 LH	F14	220N.M	65.5KN	Tr32×6LH	F14	400N.M	92KN	Tr36×6 LH	F16	600N.M	140KN	Tr32×6LH	F14	520N.M	150KN
4"	Tr30×6 LH	F14	100N.M	23KN	Tr30×6 LH	F14	180N.M	52.5KN	Tr32×6 LH	F14	350N.M	100KN	Tr32×6LH	F14	350N.M	95KN	Tr42×6LH/ Tr38×6LH	F16	900/300N.M	190/50KN	Tr52×8LH	F30	1300N.M	210KN
5"	Tr30×6 LH	F14	120N.M	32.5KN	Tr32×6 LH	F14	300N.M	76.5KN	-	F14	360N.M	95KN	Tr38×6LH	F16	550N.M	120KN	-	-	-	-	-	-	-	-
6"	Tr32×6 LH	F14	150N.M	42KN	Tr40×6 LH	F16	-	-	Tr48×8LH	F25	1000N.M	180KN	Tr58×10LH	F30	1700N.M	232KN	Tr46×8LH	F25	1400N.M	270KN	Tr48×8LH	F30	2300N.M	395KN
8"	Tr36×6 LH	F16	300N.M	75KN	Tr46×8 LH	F25	-	-	Tr65×8LH	F30	2200N.M	316KN	Tr48×8LH	F25	1800N.M	255KN	Tr56×10LH	F30	2500N.M	380KN	-	-	-	-
10"	Tr40×6 LH	F25	400N.M	100KN	Tr58×10LH	F30	1500N.M	250KN	Tr85×12LH	F35	4100N.M	470KN	Tr56×8LH	F30	2300N.M	400KN	Tr65×10LH	F35	4500N.M	615KN	Tr90×12LH	F40	13000N.M	1400KN
12"	Tr46×8 LH	F25	730N.M	143KN	Tr70×8LH	F35	2600N.M	360KN	Tr90×12LH	F35	6000N.M	586KN	Tr58×10LH	F30	3500N.M	520KN	Tr70×10LH	F35	5700N.M	800KN	-	-	-	-
14"	Tr48×8LH	F25	900N.M	175KN	Tr76×10LH	F35	3300N.M	415KN	Tr58×10LH	F30	2800N.M	450KN	Tr60×10LH	F35	4400N.M	630KN	Tr120×12LH	F60	29000N.M	2000KN	-	-	-	-
16"	Tr58×10LH	F30	1400N.M	224KN	Tr90×12LH	F35	6200N.M	660KN	Tr60×10LH	F35	4000N.M	580KN	Tr65×10LH	F35	6000N.M	780KN	Tr76×10LH	F40	10500N.M	1105KN	-	-	-	-
18"	Tr65×10LH	F30	2000N.M	284KN	Tr90×12LH	F35	6500N.M	690KN	Tr110×12LH	F48	17000N.M	1390KN	Tr76×10LH	F35	8500N.M	970KN	-	-	-	-	-	-	-	-
20"	-	-	-	-	Tr100×12LH	F40	10000N.M	860KN	-	-	-	-	-	-	-	-	Tr150×12LH	F60	73100N.M	4000KN	-	-	-	-

Note: Stem label Tr20 *4LH, left-handed (LH) trapezoidal external thread (Tr), nominal diameter d = 20mm, pitch = 4mm.