

HIGH PERFORMANCE VALVE



GLOBE VALVE

Standards :

- Design and Manufacturing Standard as per BS 1873.
- Face to Face & End to End Dimensions Standard as per ASME B16.10
- Flange Dimension Standard as per ASME B 16.5
- Inspection & Testing Standard as per ISO 5208
- For low temperature and cryogenic service (cold box and non-cold box applications) extend bonnet as per BS 6364.

Features :

- Design: Bonnet, Union Bonnet.
- Pressure Rating Class: 150#, 300#, 600#, 800#, 900#, 1500#.
- Operation: Manual Lever, Manual Gear Box, Electrical & Pneumatic Actuator.
- Ends: Flanged , Screwed, Socket Weld, Butt Weld, Flanged Butt Weld.
- Size Range: 50 mm to 600mm

ISO PN 20 / ASME 150 CLASS

	50	65	80	100	150	200	250	300	350	400	450	500	600
L-RF	203	216	241	292	406	495	622	699	787	914	977	977	1295
L1-BW	203	216	241	292	406	495	622	699	787	914	977	977	1295
PORT	51	64	76	102	152	203	251	305	336	387	438	489	591
ØW	350	390	410	475	585	725	825	940	1200	1270	1300	1350	1450
H(APP.)	425	435	535	600	800	1010	1250	1385	1575	1825	1950	2080	2425
ØD	152	178	190	229	279	343	406	483	533	597	635	698	813
B	15.9	17.5	19.1	23.9	25.4	28.6	30.2	31.8	35.0	36.6	39.7	42.9	47.7
ØQ	92	105	127	157	216	270	324	381	413	470	533	584	692
F	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
ØJ	19	19	19	19	22	22	25	25	29	29	32	32	35
N	4	4	4	8	8	8	12	12	12	16	16	20	20
K:PCD	120	139	152	190	241	298	362	432	476	539	578	635	749
RING NO.**	R 22	R 26	R 30	R 37	R 45	R 49	R 53	R 57	R 61	R 65	R 69	R 73	R 77

ISO PN 50 / ASME 300 CLASS

	50	65	80	100	150	200	250	300	350	400	450	500	600
L-RF	267	292	318	355	444	558	622	711	838	863	977	1016	1346
L1-BW	267	292	318	355	444	558	622	711	838	863	977	1016	1346
PORT	51	64	76	102	152	203	254	305	337	387	438	489	591
ØW	200	200	300	350	500	600	700	700	*	*	*	*	*
H(APP.)	350	425	485	520	655	825	920	1155	1250	1295	1340	1385	1475
ØD	165	190	210	254	318	381	444	521	584	648	711	775	914
B	22.3	25.4	28.6	31.8	36.6	41.3	47.7	50.8	54.0	57.2	60.4	63.5	69.9
ØQ	91.9	105	127	157	216	270	324	381	413	469.9	533	584	692
F	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
ØJ	19	22	22	22	22	25	29	32	32	35	35	35	41
N	8	8	8	8	12	12	16	16	20	20	24	24	24
K:PCD	127	149	168	200	270	330	387	451	514	571	628	686	813
RING NO.**	R 23	R 26	R 30	R 37	R 45	R 49	R 53	R 57	R 61	R 65	R 69	R 73	R 77

ISO PN 100 / ASME 600 CLASS

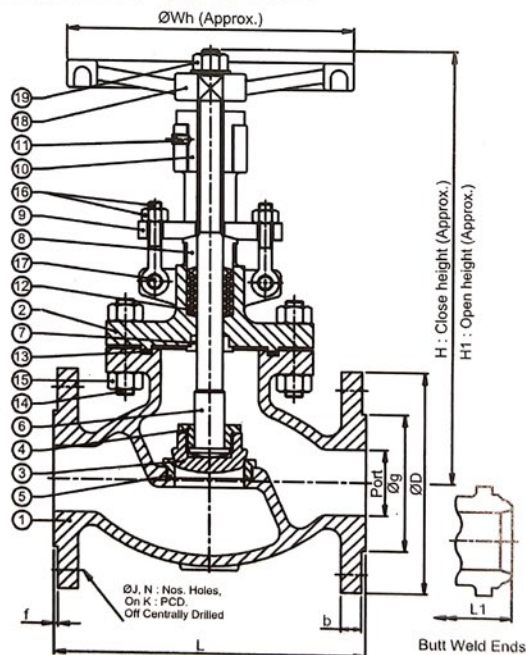
	50	65	80	100	150	200	250	300
L-RF	292	330	355	431	558	660	787	838
L1-BW	292	330	355	431	558	660	787	838
PORT	51	64	76	102	152	203	254	305
ØW	250	300	300	350	500	600	600	400*
H(APP.)	420	490	550	590	700	950	1140	1320
ØD	165.1	190	209.6	273.05	355.6	419.1	508	558.8
B	25.4	28.6	31.8	38.1	47.7	55.6	63.5	66.7
ØQ	91.95	105	127	157	215.9	270	324	381
F	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
ØJ	19.05	22.35	22.35	25.4	29	31.75	35.05	35.05
N	8	8	8	8	12	12	16	20
K:PCD	127	149	168	216	292	349	432	489
RING NO.**	R 23	R 26	R 30	R 37	R 45	R 49	R 53	R 57

TEST PRESSURE

TESTING	BODY	SEAT	BACKSEAT
HYDRAULIC	30KG/CM2	21KG/CM2	21KG/CM2
PNEUMATIC	NIL	7KG/CM2	NIL



GLOBE VALVE



PARTS NAME & MATERIALS

Sr. No.	Parts	Materials
1.	BODY	A216 WCB / A217 WC6 / WC9 / C5 / C12 / A 351 CF 8 / CF8M / A 352 LCB
2.	BONNET	A216 WCB / A217 WC6 / WC9 / C5 / C12 / A 351 CF 8 / CF8M / A 352 LCB
3.	PLUG @	A216 WCB / A217 WC6 / WC9 / C5 / C12 / A 351 CF 8 / CF8M / A 352 LCB
4.	PLUG NUT	A 276 410 / 304 / 316
5.	SEAT RING @	A 216 WCB / A 217 WC6 / WC 9 / C5 / C12/ A 351 CF 8/ CF8M/ A 352 LCB
6.	STEM	A 276 410 / 304 / 316
7.	BACK SEAT BUSHING	A 276 410 / 304 / 316
8.	GLAND	A 276 410 / 304 / 316
9.	GLAND FLANGE	CARBON STEEL / STAINLESS STEEL
10.	YOKE BUSH	S G IRON
11.	GRUB SCREW	CARBON STEEL
12.	STEM PACKING	GRAPHITE ASBESTOS / GRAPHOIL / PTFE
13.	GASKET	CORRUGATED SOFT IRON / SS/SPIRAL WOUND SS 304
14.	STUDS	ASTM A 183 GR. B7 / CARBON STEEL / STAINLESS STEEL
15.	GLAND NUT	ASTM A 194 GR. 2H / CARBON STEEL / STAINLESS STEEL
16.	GLAND EYE BOLT & NUT	CARBON STEEL / STAINLESS STEEL
17.	GLAND LUG BOLT & NUT	CARBON STEEL / STAINLESS STEEL
18.	HAND WHEEL	CARBON STEEL
19.	WHEEL NUT	CARBON STEEL





NEO VALVES INDUSTRIES

AN ISO 9001:2015 CERTIFIED COMPANY
IBR APPROVED

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CONTROL VALVES CUSTOMIZED VALVES

