

200 PSI Butterfly Valves

Cast Iron Body • Extended Neck • Cartridge Seat Liner* • Lug Style

Sizes 2" through 12"

Install between Std. ASME Class 125/150 flanges†.
Bi-directional dead end service rating without a downstream flange required: 2"-6" 200 PSI, 8" 150 PSI, 10"-12" 100 PSI.

DESIGNED TO MEET MSS SP-67 • VACUUM TO 28" MERCURY

MATERIAL LIST

PART	SPECIFICATION
1. Body	Cast Iron, Epoxy coated ASTM A126 CL.B
2. Body Bushing	Bronze ASTM B584 Grade C83600
3. Liner	EPDM Rubber w/Phenolic Backing Buna-N Rubber Nitrile w/Phenolic Backing
4. Stem	Stainless Steel ASTM A582 Type 416
5. Disc	Alum. Brz. ASTM B148 Alloy C95400 Ductile Iron ASTM A536 Grade 65-45-12 (plated)
6. Taper Pin (2 pin 6" - 12")	Stainless Steel ASTM A582 Type 416
7. Name Plate	Aluminum
8. Shaft Bushing	Bronze ASTM B584 Grade C83600
9. Stem Seal	Buna-N Rubber Nitrile
10. Retainer Plate	ASTM A570 GR33 Galvanized
11. Bolts M6	ASTM A570 GR33 Galvanized

DIMENSIONS — WEIGHTS

Size	A	Min.	B	C	G	H	I				
In. mm.	Dia.	Pipe I.D.	Dia.	Dia.	Body	Seat	Dia.	E	F		
2	50	2.08	1.38	3.00	3.94	6.34	1.26	10.75	1.655	1.81	0.496
2 1/2	65	2.54	1.95	3.50	4.72	6.89	1.26	11.65	1.759	1.93	0.496
3	80	3.10	2.66	4.09	5.00	7.13	1.26	12.12	1.780	1.93	0.496
4	100	4.10	3.67	5.32	6.14	7.87	1.26	13.62	2.050	2.18	0.621
5	125	4.85	4.48	6.26	7.48	8.39	1.26	14.65	2.140	2.31	0.745
6	150	6.12	5.84	7.42	8.35	8.90	1.26	15.62	2.195	2.33	0.745
8	200	7.97	7.85	9.38	10.55	10.24	1.77	18.88	2.385	2.52	0.870
10	250	9.86	9.76	11.51	12.79	11.50	1.77	21.26	2.584	2.83	1.120
12	300	11.87	11.72	13.55	15.87	13.27	1.77	24.57	3.029	3.19	1.244

Size	J	K	L	M	R	Q	T	Lug Weight			
In. mm.	Dia.	B.C. Dia.	Dia.	Dia.	Dia.	Dia.	Flats	Lbs.	Kg.		
2	50	3.00	1.97	0.28	0.75	4.75	4	5/8-11UNC	.350	8.6	3.9
2 1/2	65	3.03	1.97	0.28	0.75	5.50	4	5/8-11UNC	.350	10.8	4.9
3	80	3.03	1.97	0.28	0.75	6.00	4	5/8-11UNC	.350	11.4	5.2
4	100	3.62	2.76	0.39	0.75	7.50	8	5/8-11UNC	.437	18.9	8.6
5	125	3.62	2.76	0.39	0.88	8.50	8	3/4-10UNC	.500	22.8	10.4
6	150	3.62	2.76	0.39	0.88	9.50	8	3/4-10UNC	.500	27.1	12.3
8	200	4.50	4.02	0.47	0.88	11.75	8	3/4-10UNC	.625	41.2	18.7
10	250	4.50	4.02	0.47	1.00	14.25	12	7/8-9UNC	.812	56.3	25.9
12	300	5.50	4.02	0.47	1.00	17.00	12	7/8-9UNC	.875	90.3	41.0

* Note: refer to NIBCO O & M manual for specified installation instructions for optimal performance of cartridge seat valves

† Note: lug style valves- extra care should be used when installing with raised face flanges. Over-tightening can result in broken lugs.

N-200235

Lug Style
EPDM Liner
Aluminum Bronze Disc

N-200236

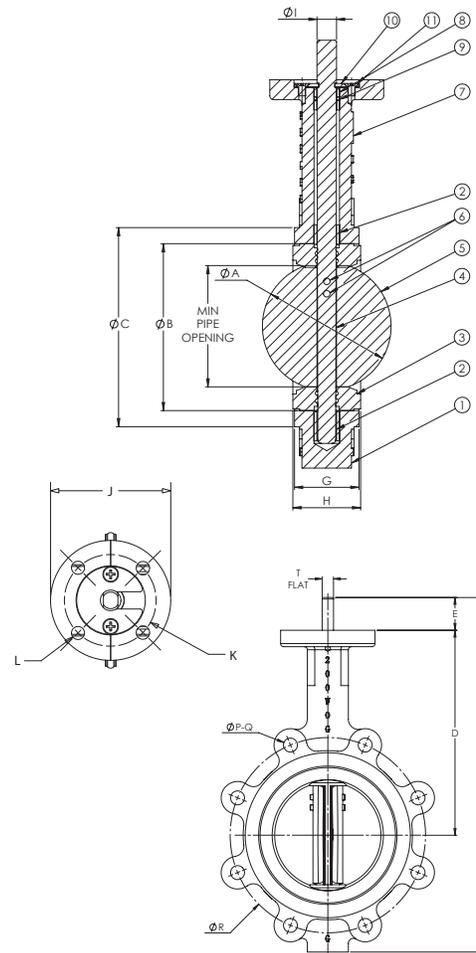
Lug Style
EPDM Liner
Ductile Iron Disc

N-200245

Lug Style
Buna Liner
Aluminum Bronze Disc

N-200246

Lug Style
Buna Liner
Ductile Iron Disc



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

NOT RECOMMENDED FOR STEAM SERVICE

Visit our website for the most current information.