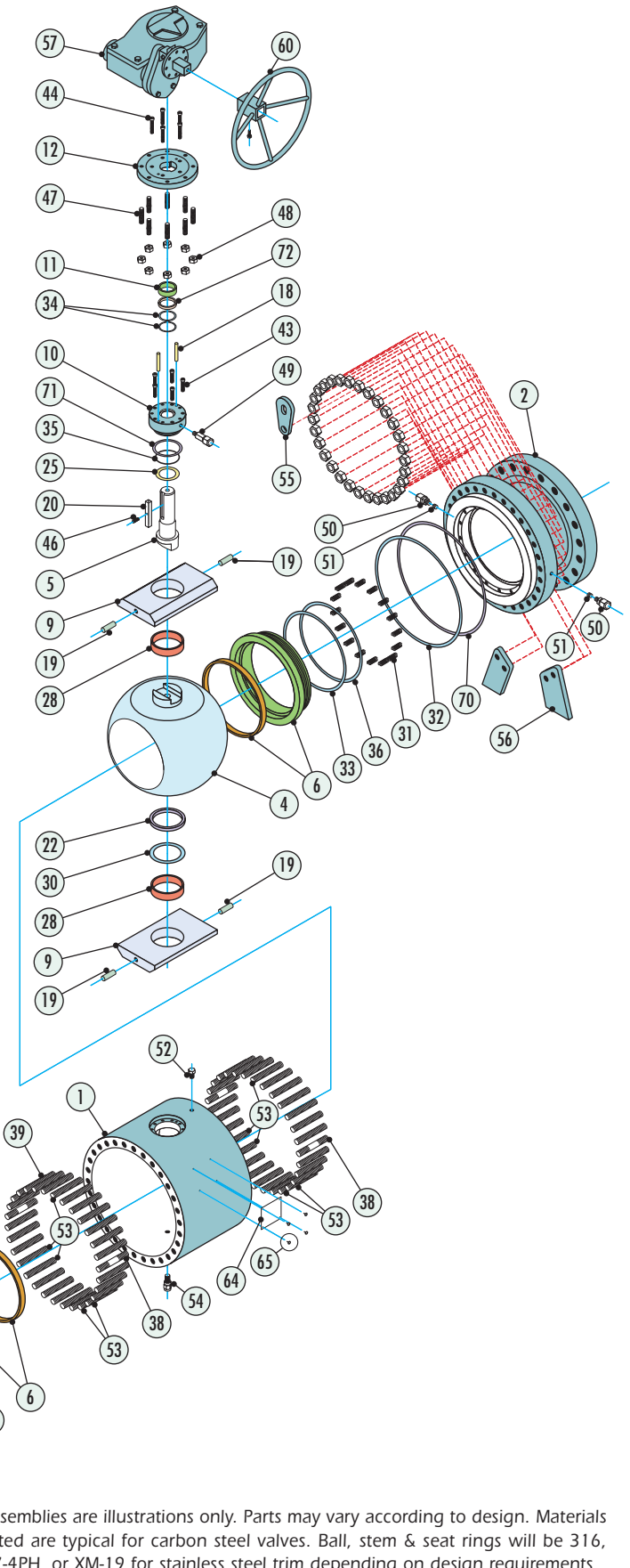


Parts for Large Size Diameter Valves

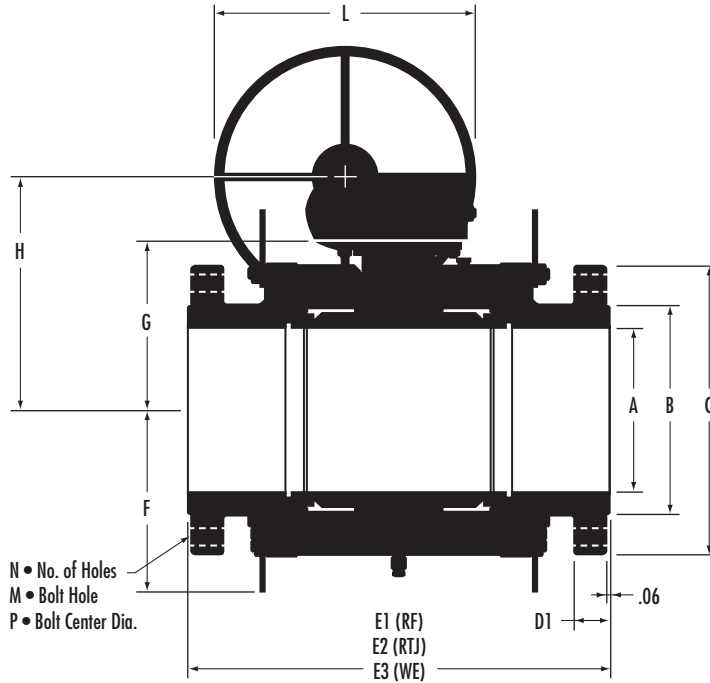
Series 5700/6700 ■ 14"FP-56"FP Class 150, 300, 600, 900 and 1500 ■ 12" Class 2500

No.	Description	Material	Spares
1	Body	A105/A350 LF2	
2	Closure/Flanged End	A105/A350 LF2	
4	Ball	A105/A350 LF2 ENP	
5	Stem	4130 ENP	
6	Seat Ring Sub Assembly	A105/A350 LF2 G/PTFE or Nylon	S
9	Bearing Retainer	Carbon Steel	
10	Gland	4130 ENP	
11	Bushing	Carbon Steel	
12	Adapter Plate	A36	
18	Gland Pin	Carbon Steel	
20	Stem Key	Carbon Steel	
22	Ball Thrust Washer	Phenolic	S
25	Stem Thrust Washer	Phenolic	S
28	Ball Bearing	DU Dry Bearing	
31	Seat Spring	X-750	
32	Body O-ring	Viton®	S
33	Seat O-ring	Viton®	S
34	Stem O-ring	Viton®	S
35	Gland & Trunnion O-ring	Viton®	S
36	Emergency Sealant O-ring	Viton®	S
38	Location Stud	A193 B7M	
39	Body Stud	A193 B7M	
40	Body Nut	A194 2HM	
43	Gland Cap Screw	A574 Modified	
44	Adapter Plate Cap Screw	A574 Modified	
45	Trunnion Cap Screw	A574 Modified	
46	Stem Key Cap Screw	Carbon Steel	
47	Gear Stud	A193 B7	
48	Gear/Adapter Plate Nut	A194 2H	
49	Stem Grease Fitting	Carbon Steel	
50	Seat Grease Fitting	Carbon Steel	
51	Check Valve	Stainless Steel	
52	Vent Plug	Carbon Steel	
53	Lifting Lug Stud	A193 B7M	
54	Drain Valve	Carbon Steel	
55	Lifting Lug	Carbon Steel	
56	Support Leg	Carbon Steel	
57	Worm Gear Operator	Commercial	
60	Handwheel	Carbon Steel	
64	Name Plate	Stainless Steel	
65	Drive Screw	Stainless Steel	
70	Body Gasket	Graphite	S
71	Gland & Trunnion Gasket	Graphite	S
72	Stem Packing	Graphite	S



Assemblies are illustrations only. Parts may vary according to design. Materials listed are typical for carbon steel valves. Ball, stem & seat rings will be 316, 17-4PH, or XM-19 for stainless steel trim depending on design requirements.

Series 5700/6700 ■ 14"FP-56"FP ■ Class 150



Class 150 14"FP-56"FP (in.)

Size	A	B	C	D1	E1-RF	E2-RTJ	E3-WE	F	G	H	N	M	P	L
14x14	13.25x13.25	16.25	21.00	1.38	27.00	27.50	30.00	14.92	15.18**	20.89	12	1.12	18.75	30
16x14	15.25x13.25	18.50	23.50	1.44	30.00	30.50	33.00	16.60	15.18**	20.89	16	1.12	21.25	30
16x16	15.25x15.25	18.50	23.50	1.44	30.00	30.50	33.00	16.60	15.89	22.47	16	1.12	21.25	30
18x16	17.25x15.25	21.00	25.00	1.56	34.00	34.50	36.00	21.05	15.89	22.47	16	1.25	22.75	30
18x18	17.25x17.25	21.00	25.00	1.56	34.00	34.50	36.00	21.05	19.76	26.34	16	1.25	22.75	30
20x18	19.25x17.25	23.00	27.50	1.69	36.00	36.50	39.00	19.67	19.76	26.34	20	1.25	25.00	30
20x20	19.25x19.25	23.00	27.50	1.69	36.00	36.50	39.00	19.67	20.20	26.78	20	1.25	25.00	30
24x20	23.25x19.25	27.25	32.00	1.88	42.00	42.50	45.00	22.75	20.20	26.78	20	1.38	29.50	30
24x24	23.25x23.25	27.25	32.00	1.88	42.00	42.50	45.00	22.75	23.34	30.24	20	1.38	29.50	30
30x30	29.00x29.00	33.75	38.75	2.88	51.00	*	55.00	31.25	32.08	38.98	28	1.38	36.00	30
36x36	34.50x34.50	40.25	46.00	3.50	60.00	*	68.00	34.39	35.83	42.73	32	1.62	42.75	30
40x40	38.50x38.50	44.25	50.75	3.50	72.83	*	70.08	36.54	37.13	*	*	*	*	*
44x44	42.32x42.32	49.00	55.25	3.94	76.77	*	74.80	39.76	40.39	*	*	*	*	*
48x48	45.98x45.98	53.50	59.50	4.19	85.83	*	82.68	41.77	43.19	*	*	*	*	*
56x56	53.62x53.62	62.00	68.75	4.82	90.55	*	88.58	48.50	49.92	*	*	*	*	*

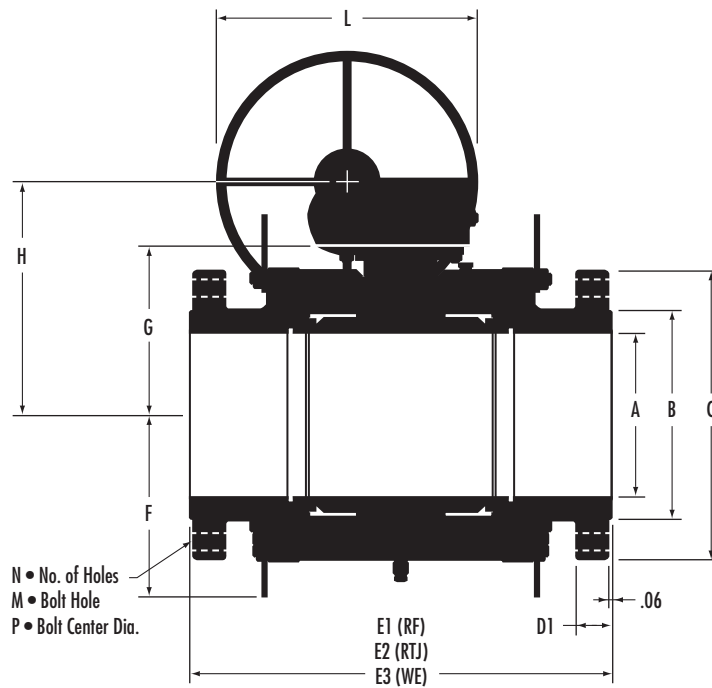
*Contact your PBV® salesperson for additional sizes and materials.

** Change introduced 2004

NOTES: Sizes 6"x6" and larger are gear operated. Dimension "F" includes drain plug and support brackets.

Dimensional Data for Large Size Diameter Valves

Series 5700/6700 ■ 14"FP-56"FP ■ Class 300



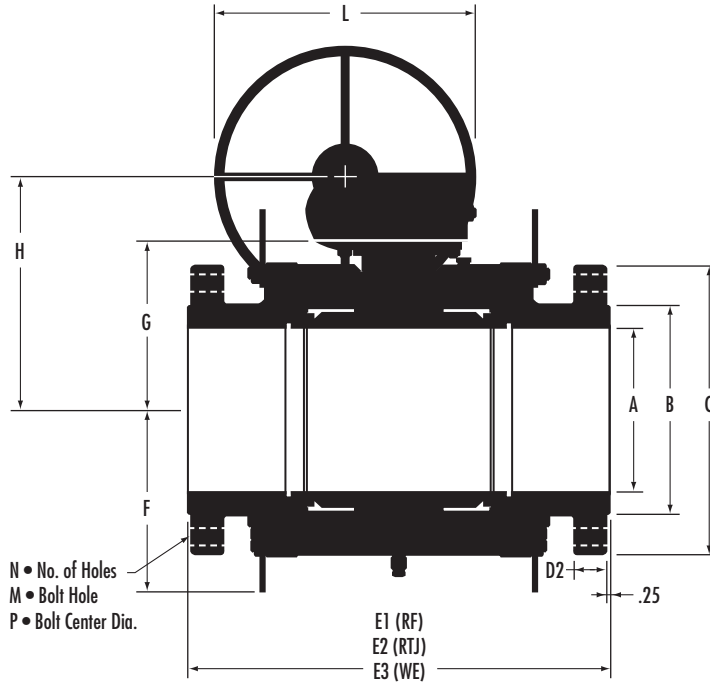
Class 300 14"FP-56"FP (in.)

Size	A	B	C	D1	E1-RF	E2-RTJ	E3-WE	F	G	H	N	M	P	L
14x14	13.25x13.25	16.25	23.00	2.12	30.00	30.62	30.00	14.92	14.31	20.89	20	1.25	20.25	30
16x14	15.25x13.25	18.50	25.50	2.25	33.00	33.62	33.00	16.60	14.31	20.89	20	1.38	22.50	30
16x16	15.25x15.25	18.50	25.50	2.25	33.00	33.62	33.00	16.60	15.89	22.47	20	1.38	22.50	30
18x16	17.25x15.25	21.00	28.00	2.38	36.00	36.62	36.00	21.05	15.89	22.47	24	1.38	24.75	30
18x18	17.25x17.25	21.00	28.00	2.38	36.00	36.62	36.00	21.05	19.76	26.34	24	1.38	24.75	30
20x18	19.25x17.25	23.00	30.50	2.50	39.00	39.75	39.00	19.67	19.76	26.34	24	1.38	27.00	30
20x20	19.25x19.25	23.00	30.50	2.50	39.00	39.75	39.00	19.67	20.20	26.78	24	1.38	27.00	30
24x20	23.25x19.25	27.25	36.00	2.75	45.00	45.88	45.00	22.75	20.20	26.78	24	1.62	32.00	30
24x24	23.25x23.25	27.25	36.00	2.75	45.00	45.88	45.00	22.75	23.34	30.24	24	1.62	32.00	30
30x30	29.00x29.00	33.75	43.00	3.62	55.00	56.00	55.00	31.25	32.08	38.98	28	1.88	39.25	30
36x36	34.50x34.50	40.25	50.00	4.12	68.00	69.12	68.00	34.39	35.83	42.73	32	2.12	46.00	30
40x40	38.50x38.50	42.75	48.75	4.44	72.83	*	70.08	36.54	37.13	*	*	*	*	*
44x44	42.32x42.32	47.00	53.25	4.82	76.77	*	74.80	39.76	40.39	*	*	*	*	*
48x48	45.98x45.98	51.25	57.75	5.19	85.83	*	82.68	41.77	43.19	*	*	*	*	*
56x56	53.62x53.62	59.75	67.25	6.00	90.55	*	88.58	48.50	49.92	*	*	*	*	*

*Contact your PBV® salesperson for additional sizes and materials.

NOTES: Sizes 6"x6" and larger are gear operated. Dimension "F" includes drain plug and support brackets.

Series 5700/6700 ■ 14"FP-56"FP ■ Class 600



Class 600 14"FP-56"FP (in.)

Size	A	B	C	D2	E1-RF	E2-RTJ	E3-WE	F	G	H	N	M	P	L
14x14	13.25x13.25	16.25	23.75	2.75	35.00	35.12	35.00	14.92	14.31	20.89	20	1.50	20.75	30
16x14	15.25x13.25	18.50	27.00	3.00	39.00	39.12	39.00	16.33	14.31	20.89	20	1.62	23.75	30
16x16	15.25x15.25	18.50	27.00	3.00	39.00	39.12	39.00	16.33	15.89	22.47	20	1.62	23.75	30
18x16	17.25x15.25	21.00	29.25	3.25	43.00	43.12	43.00	21.05	15.89	22.47	20	1.75	25.75	30
18x18	17.25x17.25	21.00	29.25	3.25	43.00	43.12	43.00	21.05	19.76	26.34	20	1.75	25.75	30
20x18	19.25x17.25	23.00	32.00	3.50	47.00	47.25	47.00	19.67	19.76	26.34	24	1.75	28.50	30
20x20	19.25x19.25	23.00	32.00	3.50	47.00	47.25	47.00	19.67	20.09	26.99	24	1.75	28.50	30
24x20	23.25x19.25	27.25	37.00	4.00	55.00	55.38	55.00	23.13	20.09	26.99	24	2.00	33.00	30
24x24	23.25x23.25	27.25	37.00	4.00	55.00	55.38	55.00	23.13	25.35 ⁽¹⁾	31.25	24	2.00	33.00	30
30x30	29.00x29.00	33.75	44.50	4.50	65.00	65.50	65.00	31.25	32.08	38.98	28	2.13	40.25	30
36x36	34.50x34.50	40.25	51.75	4.88	82.00	82.64	82.01	34.39	35.83	42.73	28	2.62	47.00	30
40x40	38.50x38.50	43.75	52.00	6.25	78.74	*	74.80	37.13	37.60	*	*	*	*	*
44x44	42.32x42.32	48.25	57.25	6.81	86.61	*	80.71	40.55	41.73	*	*	*	*	*
48x48	45.98x45.98	52.50	62.75	7.44	94.49	*	85.83	43.50	44.69	*	*	*	*	*
56x56	53.62x53.62	60.75	73.00	8.56	*	*	93.90	49.37	50.79	*	*	*	*	*

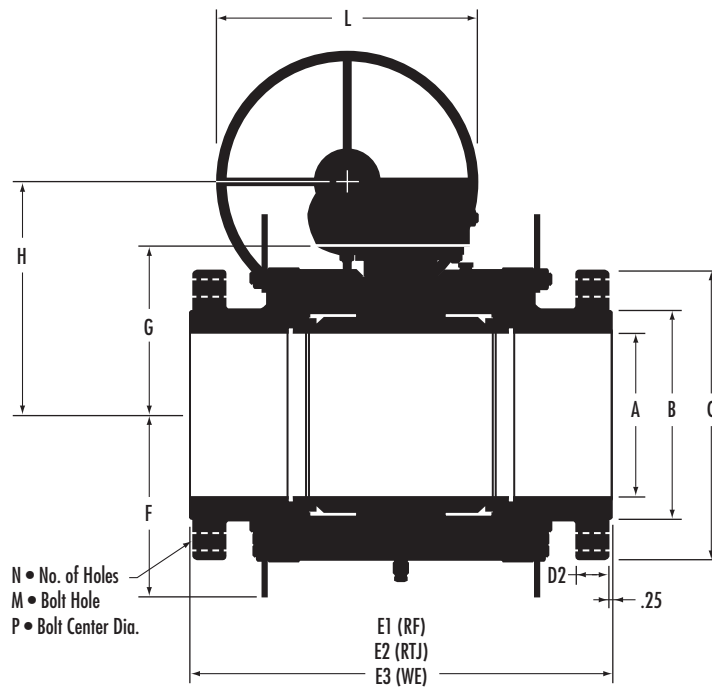
*Contact your PBV® salesperson for additional sizes and materials.

NOTES: Sizes 6"x6" and larger are gear operated. Dimension "F" includes drain plug and support brackets.

1) Change introduced 2007

Dimensional Data for Large Size Diameter Valves

Series 5700/6700 ■ 14"FP-48"FP Class 900 ■ 14"FP-24"FP Class 1500



Class 900 14"FP-24"FP (in.)

Size	A	B	C	D2	E1-RF	E2-RTJ	E3-WE	F	G	H	N	M	P	L
14 x 14	12.75 x 12.75	16.25	25.25	3.38	40.50	40.88	40.50	18.61	16.76	23.34	20	1.62	22.00	30
16 x 14	14.75 x 12.75	18.50	27.75	3.50	44.50	44.88	44.50	20.63	16.76	23.34	20	1.75	24.25	30
16 x 16	14.75 x 14.75	18.50	27.75	3.50	44.50	44.88	44.50	20.63	18.87	25.77	20	1.75	24.25	30
18 x 16	16.75 x 14.75	21.00	31.00	4.00	48.00	48.50	48.00	23.39	18.87	25.77	20	2.00	27.00	30
18 x 18	16.75 x 16.75	21.00	31.00	4.00	48.00	48.50	48.00	23.39	24.91	31.81	20	2.00	27.00	30
20 x 18	18.63 x 16.75	23.00	33.75	4.25	52.00	52.50	52.00	24.30	24.91	31.81	20	2.12	29.50	30
20 x 20	18.63 x 18.63	23.00	33.75	4.25	52.00	52.50	52.00	24.30	26.18	33.08	20	2.12	29.50	30
24 x 20	22.50 x 18.63	27.25	41.00	5.50	61.00	61.75	61.00	21.70	24.20	28.90	20	2.62	35.50	30
24 x 24	22.50 x 22.50	27.25	41.00	5.50	61.00	61.75	61.00	23.80	29.80	30.90	20	2.62	35.50	30
30 x 30	28.11 x 28.11	33.75	48.50	5.88	69.29	70.16	65.35	30.94	31.42	*	*	*	*	*
36 x 36	33.74 x 33.74	40.25	57.50	6.75	80.71	81.89	74.80	36.38	36.14	*	*	*	*	*
40 x 40	37.56 x 37.56	45.75	59.50	7.75	85.83	*	82.68	39.88	39.65	*	*	*	*	*
44 x 44	41.26 x 41.26	50.00	64.88	8.44	93.70	*	88.58	41.26	45.28	*	*	*	*	*
48 x 48	45.00 x 45.00	54.50	70.25	9.19	96.46	*	93.70	47.64	47.72	*	*	*	*	*

*Contact your PBV® salesperson for additional sizes and materials.

NOTES: Sizes 6" x 6" and larger are gear operated. Dimension "F" includes drain plug and support brackets.

Class 1500 14"FP-24"FP (in.)

Size	A	B	C	D2	E1-RF	E2-RTJ	E3-WE	F	G	H	N	M	P	L
14 x 14	12.50 x 12.50	16.25	29.50	5.25	49.50	50.25	49.50	20.60	18.83	25.73	16	2.38	25.00	30
16 x 14	14.25 x 12.50	18.50	32.50	5.75	54.50	55.38	54.50	22.27	18.83	25.73	16	2.62	27.75	30
16 x 16	14.25 x 14.25	18.50	32.50	5.75	54.50	55.38	54.50	22.27	20.50	27.40	16	2.62	27.75	30
18 x 16	16.75 x 14.25	21.00	36.00	6.38	60.50	61.38	60.50	23.39	20.50	27.40	16	2.88	30.50	30
18 x 18	16.75 x 16.75	21.00	36.00	6.38	60.50	61.38	60.50	23.39	24.91	31.81	16	2.88	30.50	30
20 x 18	18.63 x 16.75	23.00	38.75	7.00	65.50	66.38	65.50	23.39	24.96	31.81	16	3.12	32.75	30
20 x 20	18.63 x 18.63	23.00	38.75	7.00	65.50	66.38	65.50	21.70	27.50	28.90	16	3.12	32.75	30
24 x 20	22.50 x 18.63	27.25	46.00	8.00	80.50	81.63	80.50	21.70	27.50	28.90	16	3.62	39.00	30
24 x 24	22.50 x 22.50	27.25	46.00	8.00	80.50	81.63	80.50	23.80	33.70	30.90	16	3.62	39.00	30

Contact your PBV® salesperson for additional sizes and materials.

NOTES: Sizes 6" x 6" and larger are gear operated. Dimension "F" includes drain plug and support brackets.