

Perar

Trunnion Mounted
Side Entry Welded Body Ball Valves



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THAT'S
QUALITY

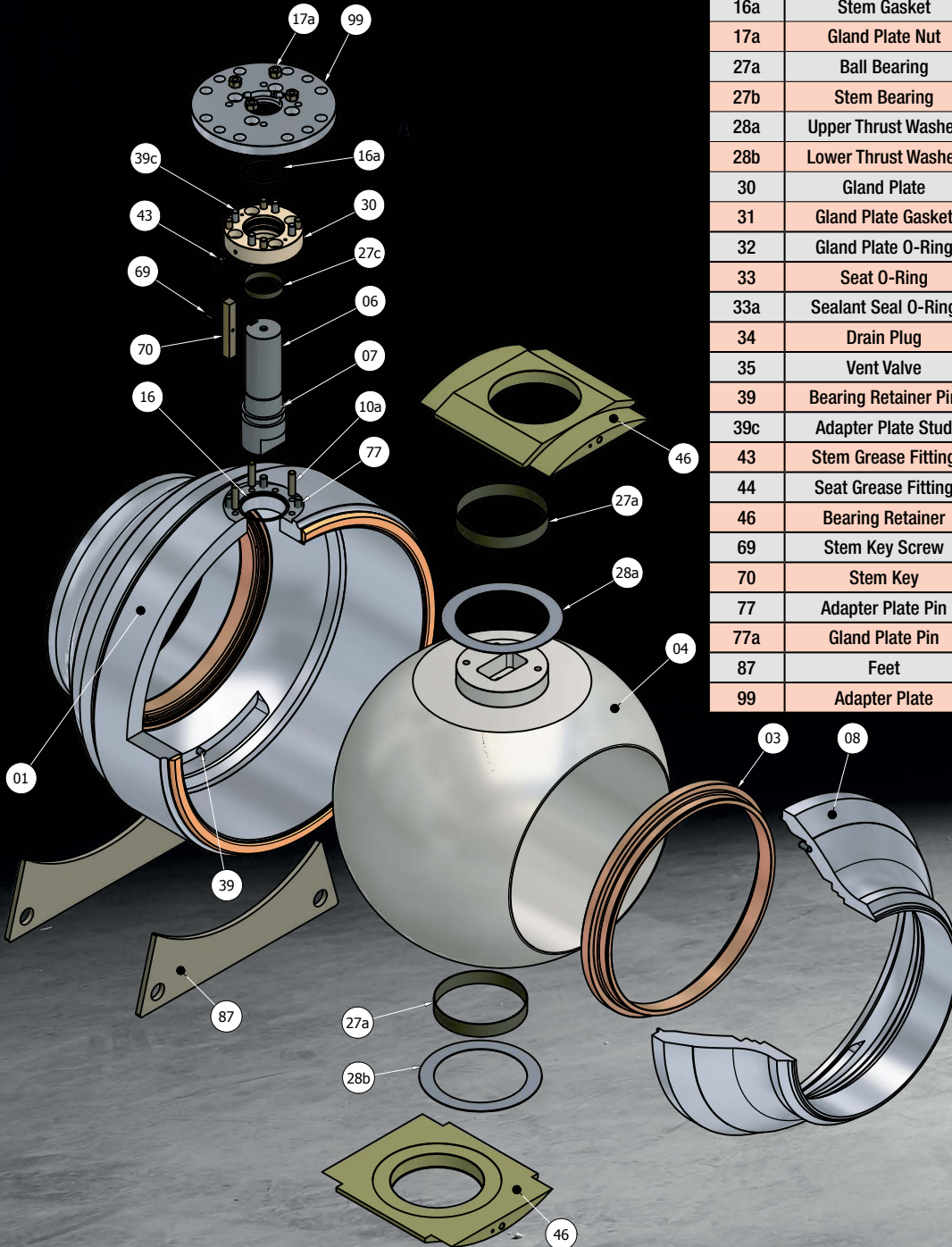
The Best Guarantee of Safety

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Component Parts

Valve Material Selection

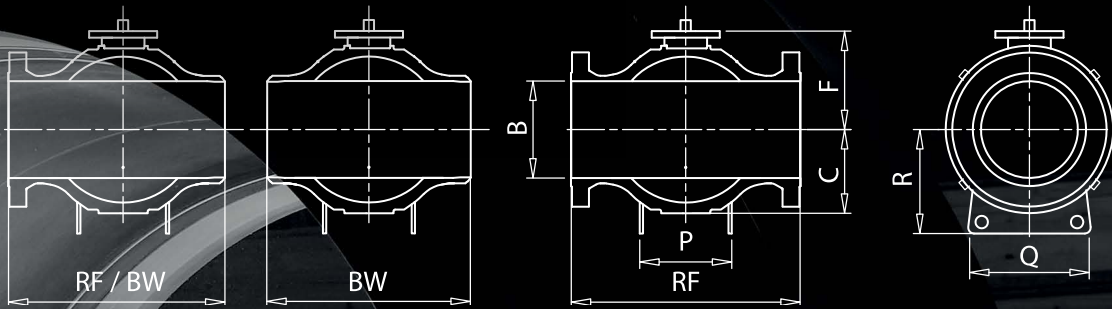


Part No.	Description	Material
01	Body	ASTM A350 LF2
03	Seat Ring	ASTM A350 LF2 - VITON GLT - ENP75
04	Ball	ASTM A350 LF2 - ENP75
05	Seat Spring	INCONEL X750
06	Stem	AISI 4140 - ENP75
07	Upper Thrust Washer	CARBON STEEL - PTFE LINED
08	Closure	ASTM A694 F60
10a	Gland Plate Stud	ASTM A320 L7M
16	Stem O-Ring	VITON GLT
16a	Stem Gasket	GRAPHITE
17a	Gland Plate Nut	ASTM A194 GR.7M
27a	Ball Bearing	CARBON STEEL - PTFE LINED
27b	Stem Bearing	CARBON STEEL - PTFE LINED
27c	Stem Bearing	CARBON STEEL - PTFE LINED
28a	Upper Thrust Washer	CARBON STEEL - PTFE LINED
28b	Lower Thrust Washer	CARBON STEEL - PTFE LINED
30	Gland Plate	ASTM A350 LF2
31	Gland Plate Gasket	GRAPHITE
32	Gland Plate O-Ring	VITON GLT
33	Seat O-Ring	VITON GLT
33a	Sealant Seal O-Ring	VITON GLT
34	Drain Plug	AISI 316
35	Vent Valve	ASTM A276 TP.316/18.8
39	Bearing Retainer Pin	C100 (AISI 4140)
39c	Adapter Plate Stud	ASTM A320 L7M
43	Stem Grease Fitting	ASTM A276 TP.316/18.8
44	Seat Grease Fitting	ASTM A276 TP.316/18.8
46	Bearing Retainer	ASTM A516 GR.70
69	Stem Key Screw	8.8 ZINC PLT
70	Stem Key	C45 (AISI 1045)
77	Adapter Plate Pin	C100 (AISI 4140)
77a	Gland Plate Pin	C100 (AISI 4140)
87	Feet	ARBON STEEL
99	Adapter Plate	Fe 430B



Weights and Dimensions

ASME Class 600 lbs.



SIZE	B	RF	BW	RF / BW	C	F	P	Q	R	WEIGHT	Sch BW
16"	385	991	838	914,5	350	430	525	560	490	1500	40
	15,15	39,01	32,99	36	13,77	16,92	20,66	22,04	19,29	3306	40
18"	436	1092	914	1003	400	475	635	600	530	2050	TBA
	17,16	42,99	36	39,48	15,74	18,7	25	23,62	20,86	4519	TBA
20"	487	1194	914	1054	430	515	660	700	565	2450	TBA
	19,17	47	36	41,19	16,92	20,27	25,98	27,55	22,24	5400	TBA
24"	589	1397	1070	1233,5	510	600	560	685	635	3980	TBA
	23,18	55	42,12	48,56	20,07	23,62	22,04	26,96	25	8774	TBA
30"	735	1651	1245	1448	630	725	670	920	755	5800	30
	28,93	65	49,01	57	24,80	28,54	26,37	36,22	29,72	12786	30
36"	874	2083	1435	1759	735	855	725	1055	870	9280	40
	36,40	82	56,49	69,25	28,93	33,66	28,54	41,53	34,25	20458	40
42"	1020	1994	1708	1851	862	985	875	1350	995	11970	TBA
	40,15	78,5	67,24	72,87	33,93	38,77	34,44	53,14	39,17	26389	TBA
48"	1166	2200	1945	2072,5	985	1120	980	1500	1120	14000	TBA
	45,90	86,61	76,57	81,59	38,77	44,09	38,58	59,05	44,09	30865	TBA

Design Features

- FORGED BODY AND END ADAPTORS**
- MATERIALS ACCORDING TO NACE MR-0175**
- BODY SHAPED CONFIGURATION FOR SIZE AND WEIGHT OPTIMIZATION**
- BI-DIRECTIONAL SEALING**
- PRESSURE BOUNDARY SEALING SYSTEM**
- HEAVY DUTY BEARINGS**
- FIRE SAFE DESIGN**
- ANTI-BLOW OUT STEM DESIGN**
- ANTISTATIC DEVICE**
- DOUBLE BLOCK AND BLEED DESIGN**
- DOUBLE PISTON EFFECT SEATS DESIGN**
- EMERGENCY SEAT AND STEM SEALANT FITTING**

Dimensions are in mm - inches, weight is in Kgs - lbs.

"All the above dimensions and weights could be subjected to changes by Perar SpA without any notification, due to engineering activities. Therefore, please consult the factory for confirmation on the above data as well as for other dimensions and weights not reported in the table".





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