



Pos.	Description	Material
1	Body	A105 N
2	Closure	A105 N
3	Closure gasket	Graphite
4	Closure O-Ring	Viton
5	Closure Bolt	B7
6	Closure Nut	Gr. 2H
8	Ball	F 316
9	Seat Insert	PTFE or Devlon V
10	Seat Ring	F 316
11	Seat Spring	X 750
12	Seat Gasket	Graphite
13	Seat O-Ring	Viton
14	Trunnion	A105
16	Thrust Washer	PTFE
17	Ball Bearing	PTFE
18	Trunnion Gasket	Graphite
19	Trunnion O-Ring	Viton
20	Trunnion Bolt	B7
21	Plug	AISI 316
24	Stem	F 316
25	Stem Bearing	316/PTFE
26	Stem Gasket	Graphite
27	Stem O-Ring	Viton
28	Grand Flange	A105
29	Grand Flange Gas	Graphite
30	Grand Flange O-R	Viton
31	Stem Grease Inje	AISI 316
32	Operator Flange	A105
33	Gear Screw	B7
34	Pin	AISI 316
35	Flange Screw	B8
44	Gear	n/a
45	Handwheel	n/a

DN	LRF	LRJ	LBW	φd	H	φV	Weight
2"	178	191	216	49	125	n/a	20
2.1/2"	190	203	241	62	150	n/a	27
3"	203	216	283	75	155	n/a	35
4"	229	242	305	100	180	n/a	47
6"	394	406	457	150	260	400	167
8"	457	470	521	201	343	500	335
10"	533	546	559	254	396	600	537
12"	610	622	635	303	440	700	708
14"	686	699	762	334	523	700	891
16"	762	775	838	385	561	700	1180
18"	864	876	914	436	605	700	1541
20"	914	927	991	487	607	700	2170
24"	1067	1080	1143	589	694	700	3065

**APPLICABLE STANDARDS LIST**  
 -Linear dimensions: mm  
 -Weight: Kg  
 -Face to face: ASME B16.10  
 -Flanged ends: ASME B16.5  
 -BW ends: ASME B16.25  
 -Design: API 6D / ASME B16.34  
 -Stem antistatic device: BS 5351  
 -Fire Safe Design: EN 10497 / API 607  
 -Pressure test: API 598 / API 6D

0	First Issue	12/12/17	R.M.	T.G.	-AL
R	Issue or revision	Date	By	Chkd	Appd
Customer: -					
P.Q. No.: -					
Project: -					
Title Trunnion ball valve F.B. - Class 150 LBS RF/RJ/BW ends - Assembly dwg/B.O.M.					
Drawing No. 0150.TR.2-24_A105_SS_316		Rev. 0		Scale: -	
Chk. T.I.		Drw. R.M.		www.raimondivalves.it RESCALDINA (MI)	