



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-Ring	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"	216	232	216	49	125	n/a	22
2.1/2"	241	257	241	62	150	n/a	29
3"	283	299	283	75	155	n/a	38
4"	305	321	305	100	180	n/a	50
6"	403	419	403	150	274	500	194
8"	502	518	521	201	343	500	370
10"	568	584	559	254	396	600	602
12"	648	664	635	303	440	700	825
14"	762	778	762	334	523	700	1090
16"	838	854	838	385	562	700	1235
18"	914	930	914	436	605	700	1685
20"	991	1010	991	487	607	700	2290
24"	1143	1165	1143	589	694	700	3610

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.T.	T.G.	A.L.
R	Issue or revision	Date	By	Chkd	Appd
Customer: -					
P.O. No.: -					
Project: -					
Title Trunnion ball valve F.B. - Class 300 LBS RF/RJ/BW ends - Assembly dwg/B.O.M.					
Drawing No. 0300.TR.2-24_A105_SS_316		Rev. 0		Scale: -	
Chk. T.G.		Drw. R.T.			
www.raimondivalves.it RESCALDINA (MI)					