



48	Nut	C.S	1	
47	Set screw	C.S	1	
46	Bolt	C.S	1	
45	Retaining ring	C.S	1	
44	Handle	C.S	1	
43	Connector	C.S	1	
42	Lift	C.S	1 Set	
41	Support Leg	C.S	1 Set	
40	Drain Plug	S.S 304	1	
39	Grease injection Valve	S.S 304	1	
38	Grease injection Valve	S.S 304	1	
37	Check Valve	S.S 316	1	
36	Head Bolt	ASTM A193 B7M	1 Set	
35	Head Bolt	ASTM A193 B7M	1 Set	
34	Head Bolt	ASTM A193 B7M	1 Set	
33	Nut	ASTM A194 2HM	1 Set	
32	Nut	ASTM A194 2HM	1 Set	
31	Stud	ASTM A193 B7M	1 Set	
30	Stud	ASTM A193 B7M	1 Set	
29	Stud	ASTM A193 B7M	1 Set	
※ 28	Key	C.S	2	
※ 27	Anti-Static device	S.S	1	
26	Coil Spring	INCONEL X-750	1	
25	Coil Spring	INCONEL X-750	1 Set	
24	Pin	C.S	1 Set	
23	Sliding bearing	Metal Backed PTFE	1	
22	Sliding bearing	Metal Backed PTFE	1	
21	Thrust bearing	RPTFE	1	
※ 20	Thrust bearing	RPTFE	1	
※ 19	Packing	Metal&Flexible Graphite	2	
※ 18	Packing	Flexible Graphite	2	
※ 17	Gasket	Metal&Flexible Graphite	1	
※ 16	Gasket	Metal&Flexible Graphite	1	
15	Gasket	Metal&Flexible Graphite	2	
14	Back ring	RPTFE	2	
13	O-ring	HNBR	2	
12	O-ring	HNBR	2	
11	O-ring	HNBR	2	
10	O-ring	HNBR	2	
9	Adapter Plate	ASTM A105+ENP	1	
8	Gland	ASTM A105+ENP	1	
7	Spring retainer	ASTM A105+ENP	2	
6.3	O-ring	HNBR	1	
6.2	Seat	DEVLON	1	
6.1	Seat retainer	ASTM A105+ENP	1	
5	Trunnion	ASTM A105+ENP	1	
4	Stem	AISI 4140+ENP	1	
3	Ball	ASTM A105+ENP	1	
2	End Cap	ASTM A105	2	
1	Body	ASTM A105	1	
No.	PART NAME	MATERIAL	Q'TY	NOTE

Design Features:
 ※ Three-Piece Body, Trunnion Ball
 ※ Full Bore
 ※ Raised Face Flange
 ※ With Blow Out Proof Stem
 ※ Fire Safe & Anti-Static Device
 ※ Meets NACE MR-0175/ISO-15156 & MR-0103/ISO-17495 Predefined Material Requirements

VALVE UNITS IN MILLIMETERS								
ITEM	NPS	L (RF)	ØD	ØBore	H1	H2	W	Wt
12	6"x4"	559 ± 1.5	152	102	185	294	1150	180kg

PRODUCT STANDARDS	
BASIC DESIGN:	API 6D
END TO END:	API 6D
END CONNECTION:	ASME B16.5
FIRE SAFE TEST:	API 6FA/API 607

UNITS	
[INCH] X	[MM]
DR.BY JK.P	DATE 07/07/2017
CHK.BY HY.Z	DATE 07/07/2017
APR.BY PQ.Z	DATE 07/07/2017
SCALE	
SHEET 1 OF 1	

CHV [®] **CHENGDU CHENGGAO VALVE CO.,LTD.**
 www.china-cfft.com

TRUNNION BALL VALVE API 6D
6"*4"-CLASS 600
REDUCED BORE

DRAWING NO: _____ REV: 0