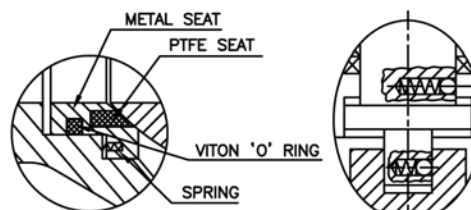


| S.No. | DESCRIPTION | QTY. | MATERIAL |
|-------|-------------------|-------|--|
| 1 | BODY | 1 | ASTM A 216 Gr. WCB/WCC/ASTM A 352 Gr. LCB/LCC ASTM A 351 Gr. CF8/CF8M |
| 2 | SIDE COVER | 1 | ASTM A 216 Gr. WCB/WCC/ASTM A 352 Gr. LCB/LCC ASTM A 351 Gr. CF8/CF8M |
| 3 | BALL | 1 | ASTM A 216 Gr. WCB/WCC/ASTM A 352 Gr. LCB/LCC + ENP ASTM A 351 Gr. CF8/CF8M |
| 4 | SEAT | 2 | S.S.-316,17-4PH/PTFE/CFT/GFT/VITON/NYLON |
| 5 | BODY SEAL | 1 | GRAFOIL/PTFE/VITON/SPIRAL WOUND S.S.-304/316 WITH CAF |
| 6 | BODY STUD | AS | ASTM A 193 Gr.B7/B7M/B8M/A 320 Gr. L7 |
| | BODY STUD NUT | REQD. | ASTM A 194 Gr.2H /2HM/A 194 Gr. 8M/Gr. 4 |
| 7 | STEM | 1 | AISI-410 /AISI-4140 /AISI-304/AISI-316/17-4PH |
| 8 | GLAND PACKING | - | GRAFOIL/PTFE/VITON |
| 9 | GLAND BUSH | 1 | AISI-410 /AISI-4140 /AISI-304/AISI-316 |
| 10 | STEM SEAL | 1 | PTFE/VITON/CFT |
| 11 | TRUNNION BUSH | 1 | PTFE |
| 12 | TRUNNION 'O' RING | 1 | VITON |
| 13 | TRUNNION RING | 1 | GRAFOIL/PTFE/VITON |
| 14 | TRUNNION | 1 | AISI-410 /AISI-4140 /AISI-304/AISI-316 |



| TEST PRESSURE PSig | | | |
|--------------------|-------------|------|------|
| CLASS | HYDROSTATIC | AIR | |
| 300 | BODY | SEAT | SEAT |
| | 1100 | 800 | 80 |

| DESIGN FEATURES | |
|------------------------|-----------------|
| DESIGN AND DIMENSIONS | API-6D |
| ENDS FLANGE DIMENSIONS | A.N.S.I. B 16.5 |
| TESTING | API-6D |
| FIRE SAFE | API-6FA |

FIRE SAFE DETAILS - 'B'

**DETAILS - 'A'
ANTISTATIC DEVICE**

NOTES: -

VALVE SIZE 2" TO 6" - LEVER/WRENCH OPERATED
ABOVE 6" - GEAR OPERATED

DESCRIPTION

CAST STEEL 2 PIECE (F.B.) BALL VALVE TRUNNION MOUNTED
HANDLE OPERATED CLASS: -300 SIZE: - 2" TO 24"

| | |
|--------------------|--|
| DRN: | |
| DATE: | |
| CHKD: | |
| DATE: | |
| APPD: | |
| DATE: | |
| DRAWING NO.: | |
| KOC-1B21-F2-1(S)/0 | |

FORWARD ALLOYS AND CASTINGS
L.B.S. MARG, BHANDUP BOMBAY

'N' NOS. HOLES OF ØH ON
'P' P.C.D. EQUI-SPACED & OFFCENTRED

ALL BELOW SPECIFICATIONS ARE FOR INFORMATORY PURPOSE ONLY,
AND ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

| | | | | | | | | |
|---------|------|------|-------|------|-----|-------|-------|------|
| 24" | 1067 | 589 | 914.4 | 41.2 | 24 | 812.8 | 692.2 | 69.9 |
| 20" | 991 | 487 | 774.7 | 35.1 | 24 | 685.8 | 584.2 | 63.5 |
| 18" | 914 | 438 | 711.2 | 35.1 | 24 | 628.7 | 533.4 | 60.5 |
| 16" | 838 | 385 | 647.7 | 35.1 | 20 | 571.5 | 469.9 | 57.2 |
| 14" | 762 | 334 | 584.2 | 31.8 | 20 | 514.4 | 412.8 | 53.8 |
| 12" | 648 | 303 | 520.7 | 31.8 | 16 | 450.9 | 381 | 50.8 |
| 10" | 568 | 252 | 444.5 | 28.4 | 16 | 387.4 | 323.9 | 47.8 |
| 8" | 502 | 201 | 381 | 25.4 | 12 | 330.2 | 269.7 | 41.1 |
| 6" | 403 | 150 | 317.5 | 22.2 | 12 | 269.7 | 215.9 | 36.6 |
| 4" | 305 | 100 | 254 | 22.2 | 8 | 200.2 | 157.2 | 31.8 |
| 3" | 283 | 74 | 209.6 | 22.2 | 8 | 168.1 | 127 | 28.4 |
| 2" | 216 | 49 | 165.1 | 19.1 | 8 | 127 | 92 | 22.4 |
| SIZE NB | 'A' | 'ØB' | 'ØD' | 'ØH' | 'N' | 'ØP' | 'ØR' | 'T' |