



## Trunnion Mounted Ball 2 Piece - Ordering Code System

"Mandatory option" options are marked with **green background** | "Standard offer" options are marked with **light green background**

|      |   |          |   |   |   |        |   |        |    |                      |    |               |               |              |             |                     |                     |                |    |    |    |                  |   |   |    |
|------|---|----------|---|---|---|--------|---|--------|----|----------------------|----|---------------|---------------|--------------|-------------|---------------------|---------------------|----------------|----|----|----|------------------|---|---|----|
| 1    | 2 | 3        | 4 | 5 | 6 | 7      | 8 | 9      | 10 | 11                   | 12 | 13            | 14            | 15           | 16          | 17                  | 18                  | 19             | 20 | 21 | 22 | 23               | . | . | 30 |
| 6    | 0 |          |   | F | B | 8      | 1 |        | -  | 4                    | 6  | 6             | D             | V            | V           | G                   | /                   | 1              | 5  | 0  |    |                  |   |   |    |
| Size |   | Features |   |   |   | Series |   | Design |    | Body & ends material |    | Stem material | Ball material | Seat feature | Seat insert | Inner Seal material | Outer Seal material | End connection |    |    |    | Special features |   |   |    |

| Size (1-2) |      |     |
|------------|------|-----|
| Code       | inch | mm  |
| 20         | 2"   | 50  |
| 30         | 3"   | 80  |
| 40         | 4"   | 100 |
| 60         | 6"   | 150 |
| 80         | 8"   | 200 |
| A0         | 10"  | 250 |
| A2         | 12"  | 300 |
| A4         | 14"  | 350 |

| Features (3-6)              |                             |
|-----------------------------|-----------------------------|
| F                           | Fire safe                   |
| B                           | Full port                   |
| Series - 2 Piece Cast (7-8) |                             |
| 81                          | ASME B16.5 #150 Flanged RF  |
| 82                          | ASME B16.5 #300 Flanged RF  |
| 83                          | ASME B16.5 #600 Flanged RF  |
| Design (9)                  |                             |
| Blank                       | (Stands For future designs) |
| Body & ends material (11)   |                             |
| 4                           | C. Steel A216 WCB           |
| 6                           | S. Steel A351 CF8M          |
| Stem material (12)          |                             |
| 6 *                         | S. Steel A479 316\316L      |
| Q **                        | S. Steel A182 F6A           |
| M                           | High Strength S. Steel      |
| Z                           | Inconel 718 B637 N07718     |
| W                           | Haselloy C-22               |
| D                           | Duplex                      |
| K                           | Super Duplex                |
| S                           | 254SMO                      |

\* for 81, 82 not for 83

\*\* for 83

| Ball material (13) |   |
|--------------------|---|
| 6                  | S. Steel A182 F316                        |
| 4                  | C. Steel A350 LF2+ENP                     |
| F                  | C. Steel A105+ENP                         |
| Seat feature (14)  |   |
| D                  | Double Piston Effect (DPE) (API 6D DIB-1) |
| S                  | Single Piston Effect (SPE) (API 6D DBB)   |
| C                  | DPE & SPE combination                     |
| Seat insert (15)   |   |
| V                  | Devlon                                    |
| P                  | CF PTFE                                   |
| K                  | CF PEEK                                   |
| Inner Seal (16)    |   |
| V                  | Viton                                     |
| H                  | HNBR                                      |
| Outer Seal (17)    |   |
| G                  | Graphite                                  |

| End Connection (19-22)   |   |        |
|--------------------------|---|--------|
| Flanged                  |   | Series |
| 150                      | ASME B16.5 #150                           | 81     |
| 300                      | ASME B16.5 #300                           | 82     |
| 600                      | ASME B16.5 #600                           | 83     |
| Special Features (23-30) |   |        |
| L *                      | seat greasing point                       |        |
| D                        | Drain & Vent                              |        |
| Blank                    | Greasing point, Drain & vent is capped    |        |
| PT **                    | Basic paint system                        |        |
| P1                       | Offshore, Temp Ambient up to 93°C (200°F) |        |
| P2                       | Offshore, up to 537°C (1000°F)            |        |

\* for 6" and up

\*\* colors RAL 1018 or 7036 (other colors upon request)