

C31

C32

C73

C74

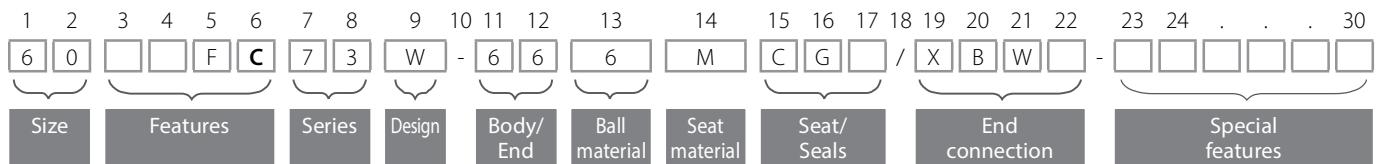
C77

C78



Cryogenic Flanged Full Port Floating Ball - Ordering Code System

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



| Size (1-2) | | |
|------------|------|-----|
| Code | inch | mm |
| 05 | ½" | 15 |
| 07 | ¾" | 20 |
| 10 | 1" | 25 |
| 12* | 1¼" | 32 |
| 15 | 1½" | 40 |
| 20 | 2" | 50 |
| 25* | 2½" | 65 |
| 30 | 3" | 80 |
| 40 | 4" | 100 |
| 60 | 6" | 150 |
| 80 | 8" | 200 |

* only for series 73/78

| Features (3-6) | |
|--------------------|----------------------------------|
| C | Cryogenic |
| F | Fire safe |
| N | Control service |
| Series (7-8) | |
| C31 | ANSI #150 std. port |
| C32 | ANSI #300 std. port |
| C73 | ANSI #150 full port |
| C74 | ANSI #300 full port |
| C77 | DIN PN 16 full port |
| C78 | DIN PN 40 full port |
| Design (9) | |
| W | Total HermetiX Integrity package |
| Body material (11) | |
| 6 | CF8M |
| 1 | Bronze |
| 7 | Monel |
| End material (12) | |
| 6 | CF8M |
| 1 | Bronze |
| 7 | Monel |

| Ball material (13) | |
|--------------------------|------------------------|
| M | S. St. 316L |
| 6 | S. St. A351 |
| 7 | Monel |
| Stem material (14) | |
| M | High Strength S. Steel |
| 6 | Inconel |
| Seat material (15) | |
| A | TFM |
| C | PCTFE |
| P | CF PTFE |
| Inner Seal Material (16) | |
| A | TFM |
| G | Expanded graphite |
| Outer Seal Material (17) | |
| G | Expanded graphite |
| A | TFM |

| End connections (19-22) | |
|--------------------------|--|
| Welding | |
| 150(2)* | ASME B16.5 #150 RF |
| 300(2)** | ASME B16.5 #300 RF |
| PN16(2)*** | EN1092 PN16 RF |
| PN40(2)**** | EN1092 PN40 RF |
| * | C31, 73 series |
| ** | C32, C74 series |
| *** | C77 series |
| **** | C78 series |
| Special Features (24-30) | |
| SPR | Spring loaded seat, valve 21/2" Full port and up |
| SPR | Spring loaded seat, up to 2½" std. port |
| 6.0 | Short bonnet |
| B | Body made from rolled bar |
| FF | Flat face |
| F1 | F1 - DIN 3202-1 RF face-to-face size |
| F4 | F4 - DIN 3202-1 RF face-to-face size |
| F5 | F5 - DIN 3202-1 RF face-to-face size |
| Vxx | V port (xx = angle) |
| VBxx | Characterized control ball |