



DHV Figure Numbers

Ball Valves

Type

- | | |
|---|--|
| 1 = Floating Ball Split Body,
Full Bore | C3 = Trunnion Ball Valve, Fully Welded,
Two-Piece Body, Full Bore |
| 2 = Floating Ball Split Body,
Reduced Bore | C4 = Trunnion Ball Valve,
Fully Welded, Two-Piece Body,
Reduced Bore |
| 3 = Trunnion Ball Two-Piece Body,
Full Bore | C5 = Trunnion Ball Valve,
Fully Welded, Three-Piece Body,
Full Bore |
| 4 = Trunnion Ball Two-Piece Body,
Reduced Bore | C6 = Trunnion Ball Valve,
Fully Welded, Three-Piece Body,
Reduced Bore |
| 5 = Trunnion Ball Three-Piece Body,
Full Bore | D = Rising Stem Ball Valves, Full Bore |
| 6 = Trunnion Ball Three-Piece Body,
Reduced Bore | E = Rising Stem Ball Valves,
Reduced Bore |
| 7 = Floating Ball One-Piece Body,
Reduced Bore | X = Special |
| 8 = Small size Floating Ball valve. see* | |
| 9 = Top Entry Trunnion Ball Valves | |
| 0 = Three Way Ball Valves | |
| A = Metal-to-Metal Seat Ball Valves | |
| B = Cryogenic Ball Valves | |

Note: *For valve bore type note designated,
For valve bore type not designated, add R
for reduce bore, F for full bore. 8R is reduce
bore small size ball valve, 8F is full bore
small size ball valve.

Body Material

- 0 = ASTM A216 WCB
1 = ASTM A105
2 = ASTM A352 LCB
3 = ASTM A350 LF2
4 = ASTM A351 CF8M
5 = ASTM A182 F316
6 = ASTM A351 CF8
7 = ASTM A182 F304
8 = ASTM A890 4A
9 = ASTM A182 F51
A = ASTM A352 LCC
B = Inconel
C = Monel
D = Super Duplex S.S.
E = ASTM A240 UNS N08926
F = ASTM A216 WCC
X = Special

Pressure Class

- 15 = Class 150
30 = Class 300
60 = Class 600
80 = Class 800
90 = Class 900
150 = Class 1500
250 = Class 2500
100=1000 WOG
200=2000 WOG
300=3000 WOG
500=5000 WOG
600=6000 WOG
1000=10000 WOG

Code

- C = Cast Steel Gate, Globe, Check, Plug valve
F = Forged Steel Gate, Globe, Check valves
B = Ball Valves

8" Ball Valve, Trunnion Ball, Three-Piece Body, Full
Bore, Class 600LB, A105 Body & Adapter Raised
Face Flanged End, with A105+ENP Trim and
Nylon+Viton / Graphite Seat and Seal, Gear
Operated, Inconel 625 Overlay, Single Piston Seat.

Example: 8"-B5601F13-GO-I-SPE

End Connections

- F = Raised Face Flanged End
R = Ring Type Joint Flanged End
P = Plain Flat Face Flanged End
B = Butt-welded End
T = Threaded End
S = Socked-Welded End
X = Other Type End Connection
G = Grayloc Hub End
U = Pup Piece End

Trim Material

- 1 = C.S. + ENP
2 = 304SS
3 = 316SS
4 = 13Cr / F6
5 = Duplex S.S.
6 = Monel
7 = Inconel
8 = B16
9 = B62
A = S.S.+ Ni
B = S.S.+ HCr
C = Super Duplex S.S.
D = S.S.+ T.C
E = C.S.+ T.C
F = C.S.+ Ni
G = C.S.+ HCr
H = C.S.+ CCC
I = S.S.+ CCC
X = Special

Seat Material

- 1 = PTFE
2 = R-PTFE
3 = NYLON
4 = VITON
5 = DEVLON
6 = NBR
7 = PEEK (HT4)
8 = Ni
9 = STL
A = HCr
B = T.C
M = NYLON-M
X = Special

Internal Coating

- None = No Coating
P=Plasite 7159
E = Enduro Bond
I = Inconel 625 Overlay
N = Inconel 825 Overlay
D = Duplex SS Overlay

Operator

- NONE = Lever or Handwheel
Operator
CO = Chain Wheel Operator
GO = Gear Operator
BS = Bare Stem
EM = Electric Motor Operator
PA = Pneumatic Actuator
HA = Hydraulic Actuator
PH = Pneumatic-Hydraulic
Actuator

DPE Seat

- None = Self Relieving Seat
SPE = Single Piston Seat
DIB-1 = DPE both Side
DIB-2 = DPE One Side