

Ball valve type selection

Body Material:

J = Aluminium
 M = Plastic (POM), other materials marked with "E"
 H = Stainless steel (AISI 316L/EN 1.4404) other materials marked with "E"
 K = Steel
 T = Titanium
 D = Duplex (2205/EN 1.4462), other materials marked with "E"

Nominal size of valve:

DN-size (marked with three numbers)

Flow port diameter:

Flowport diameter (marked with three numbers)

Ball Material:

A = Aluminium
 H = Stainless steel (AISI 316L/1.4404)
 K = Hard chrome plated steel ball, only DN100/090
 T = Titanium
 M = Plastic (POM), other materials marked with "E"
 D = Duplex (2205/EN 1.4462), other materials marked with "E"

O-ring material:

V = FPM (Viton) (Jouka standard)
 T = PTFE (Teflon)
 E = EPDM (Ethylene propylene)
 N = NBR (Nitrile)
 P = FFKM (Perlast/Kalrez)
 A = FEPM (Aflas)
 SA = stellite ball seals, FEPM (Aflas) O-rings
 SP = stellite ball seals, FFKM (Perlast/Kalrez) O-rings

Joints:

R = inside thread R (BSP)
 RU = outside thread
 P = welding joint, long (standard)
 F = Smooth finished joint (for special applications)
 S = Separate flanges
 D = DIN-flanged, D1 = PN16, D2 = PN25, D4 = PN40
 O = without joints, ball valve middle part + bolts/nuts
 C = camlock hose joint
 L = Hose mandrel
 A = Sample taking flange / Block flange
 N = NPT-inside thread

Different joints are marked with slash, P/L=welding joint/Hose mandrel.
 Manual hand lever is installed to point to towards joint after slash in open position.

Joint marked with "H" is AISI 316L, "T" Titanium and "A" aluminium.

Additional markings:

V = Hand lever, galvanized steel (H-series valves always AISI 316)
 VH = hand lever stainless steel (AISI 316) standard in H-series
 T = Actuator version, square size of stem end (mm)
 PH = Bolts/nuts AISI 316 (standard in H-series)
 PP = Solid, massive type ball
 G = Ball seals, PTFE+G (glass fibre reinforced)
 C = Ball seals PTFE+C (carbon reinforced)
 NS = Metric dimension pipe
 PN = Pressure class + number (example PN40 bar)
 E = special design, see specification
 Cr = Hard chrome coated ball

Ball Model:

L = L-shaped
 T = T-shaped
 S = Sector

3-way ball valve:

3P = Third joint opposite the shaft (bottom)
 3S = Third joint at the side

H080/065HVP- - - -...

3PLH080...