



Bell Hydromatics

High Pressure Ball Valves



Features

- Full-way valve
- Floating ball-gas tight on pre-compressed seats.
- Operating pressure from 320 to 500 bar (according to Φ)
- Operating temperature from -20°C to 100°C
- Open at 1/4 turn

- [Technical Features](#)
- [Dimensions](#)
- [Ordering Code](#)

The Design and manufacture of “CRH” high pressure ball valves is carried out considering extreme operating requirements.

The ball sits between pre-compressed gaskets with floating system , ensuring a perfect tight both at low pressure and under

vacuum. With the increase of internal pressure, a greater contact is obtained between ball and gaskets, permitting perfect

tight even at the highest pressure.

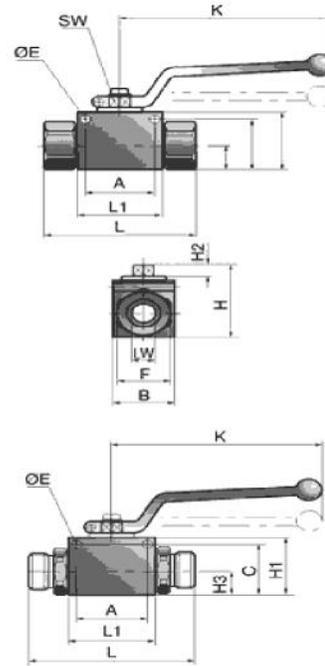
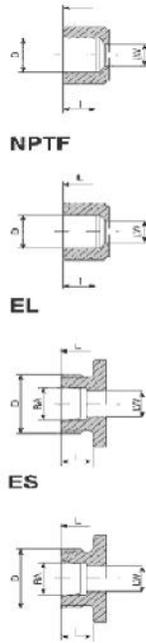
Standard execution

- Body and connection: black phosphating steel(38SMnPb10)
- Ball: Thick-chromed steel
- Ball seals: polyacetalic resin (DELRIN)
- Pin seals: NBR
- Throttle lever: printed and zinc-plated forged

On request

- Body and connection: yellow zinc-plated steel

Dimensions



Ordering Code

CRH	R	2	10	1	1	1	1
	Connection Type		Nominal Diameter (valve body)	Body material	Ball material	ball seals material and smoothing lining material	Pivot and connection seals
CRH= High Pressure Ball Valve	R= gas/BSP	2= 2 vie/ways	4= 1/8"	1= steel	1= steel	1= DERLIN(pom)	1= NBR
	N= NPT	3= 3 vie/ways	6= 1/4"	2= Stainless steel	2= Stainless steel	2= PTFE(Teflon)	3= VITON
	EL= DIN 2353 Light Duty		10= 3/8"				
	ES= DIN 2353 Heavy duty		13= 1/2"				
			20= 3/4"				
			25= 1"				
			32= 1"1/4**				
			40= 1"1/2**				

* Reduced flow (Φ 24mm)

In case of order for 3 way ball valve, please specify if Lor T flow

Standard clour: black fosphated.

To order a yellow zinc plate valve, please insert " ZG " at end of the item code.