

**General Description**

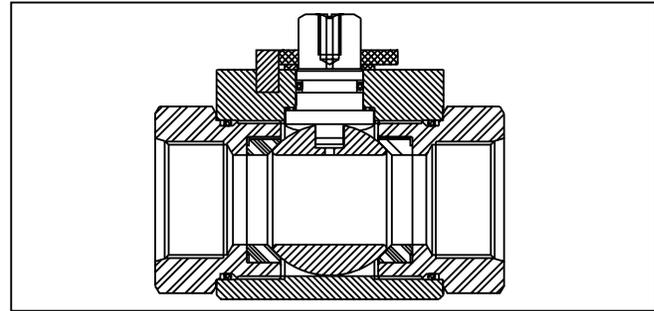
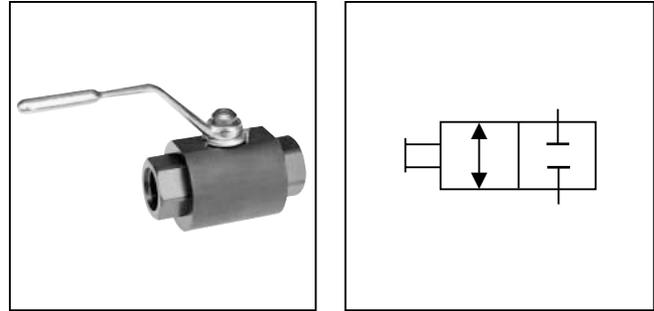
Series BVHH valves are used for shut-off applications and are rated at 690 Bar or 10,000 PSI. These valves represent the strongest ball valve in the industry. Series BVHH valves come in ports 1/2" to 2" and SAE, NPT and BSPP ports.

**Operation**

Parker's 2-way ball valves operate to either off or full flow by rotating the handle 90°. Ball valves are not designed to be a metering or flow control device.

**Specifications**

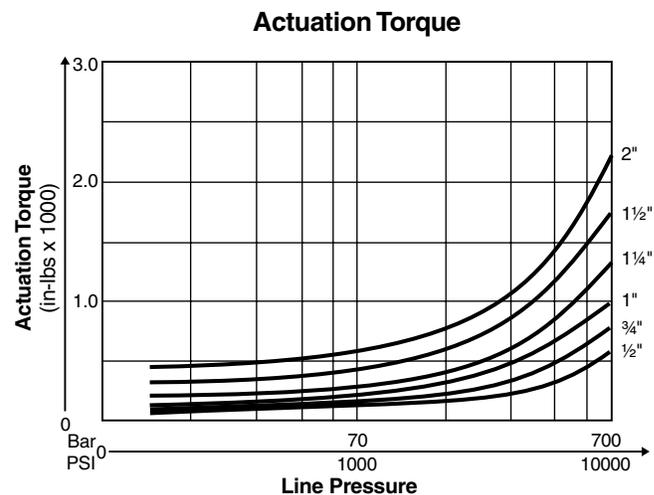
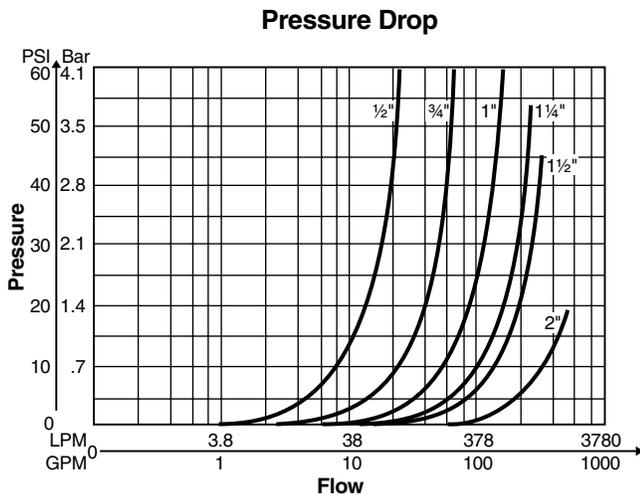
<b>Maximum Pressure</b>	690 Bar (10,000 PSI)
<b>Body Material</b>	Carbon Steel, Black Oxide
<b>Ball Material</b>	Steel, Chrome Plated, Stainless Steel
<b>Stem Material</b>	Steel, Zinc Plated, Stainless Steel
<b>Standard Handle</b>	Steel Offset, Nickel Plated
<b>Ball Seals</b>	Delrin + MoS <sub>2</sub>
<b>Spindle Seals</b>	O-Ring & Backup, Nitrile
<b>Operating Temperature</b>	-30°C to +100°C (-22°F to +212°F)

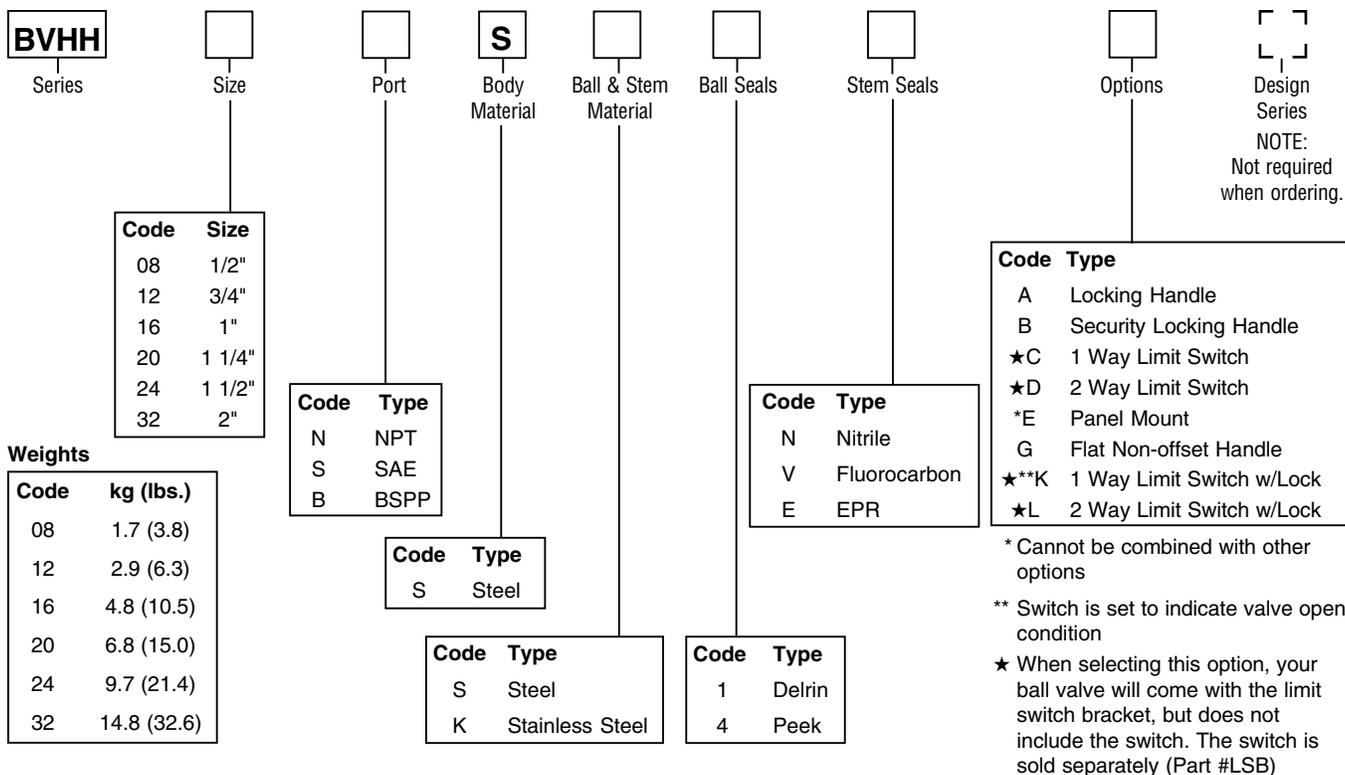


**Features**

- Encased Delrin moly ball seals increase the reliability compared to ring reinforcement designs.
- The BVHH is fully ported resulting in very low pressure drop.
- Nitrile seals are standard with fluorocarbon and EPR as options.
- The BVHH is available with options found in the 404 Bar (6000 PSI) models.

**Performance Curves**

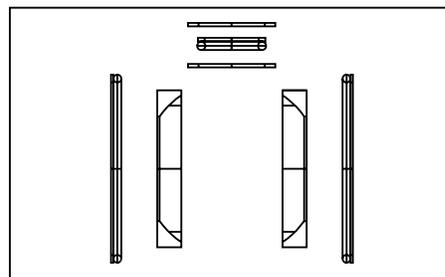




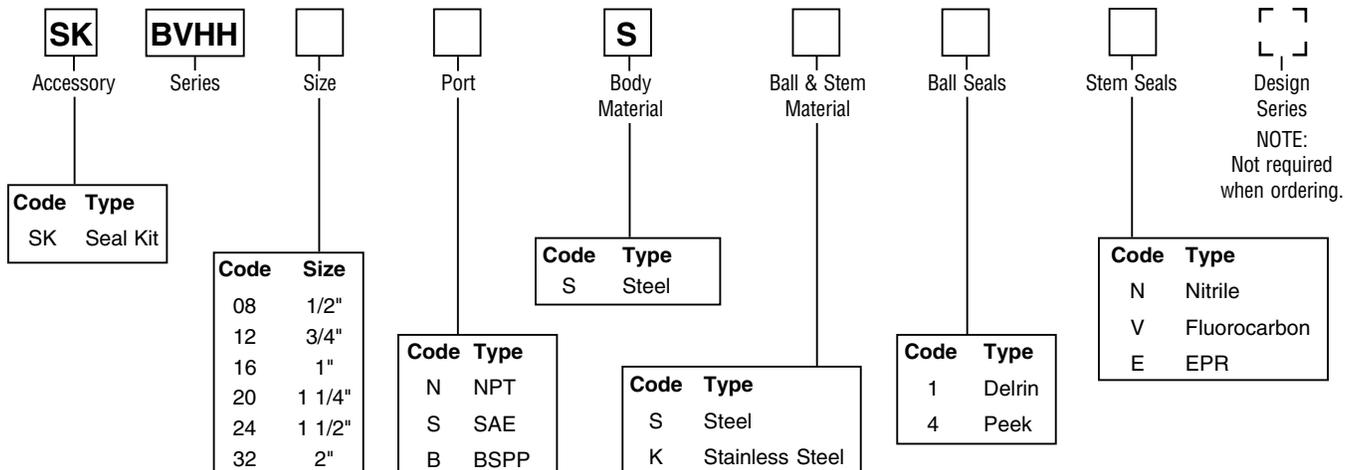
**Seal Kit Accessories**

Ball Valve Seal Kits restore a ball valve to factory specifications, providing no erosion or metal-to-metal wear has taken place.

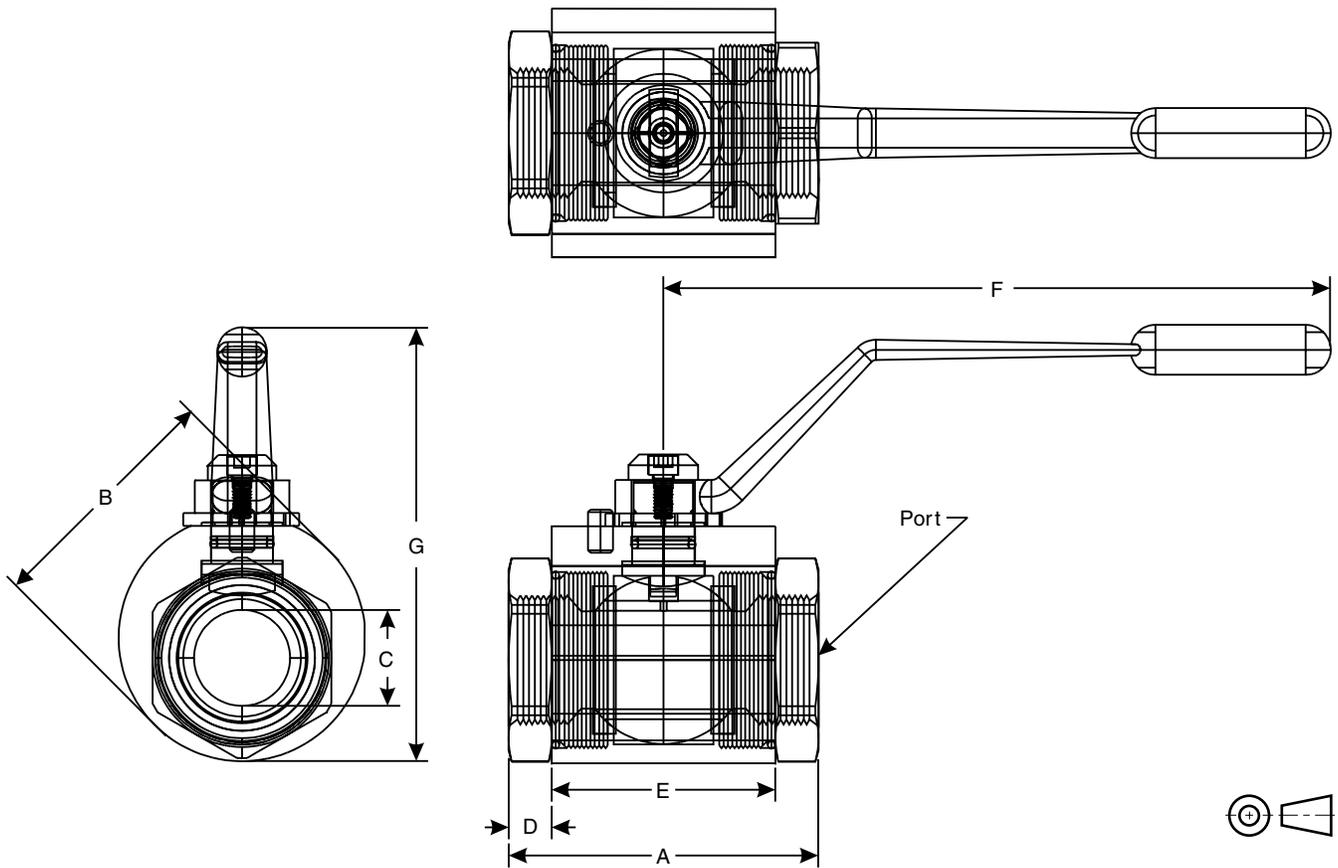
The Seal Kit includes all the o-rings, ball seals and thrust bearings that were originally installed at the factory. A sketch of these parts is provided at the right.



**Ordering Information**

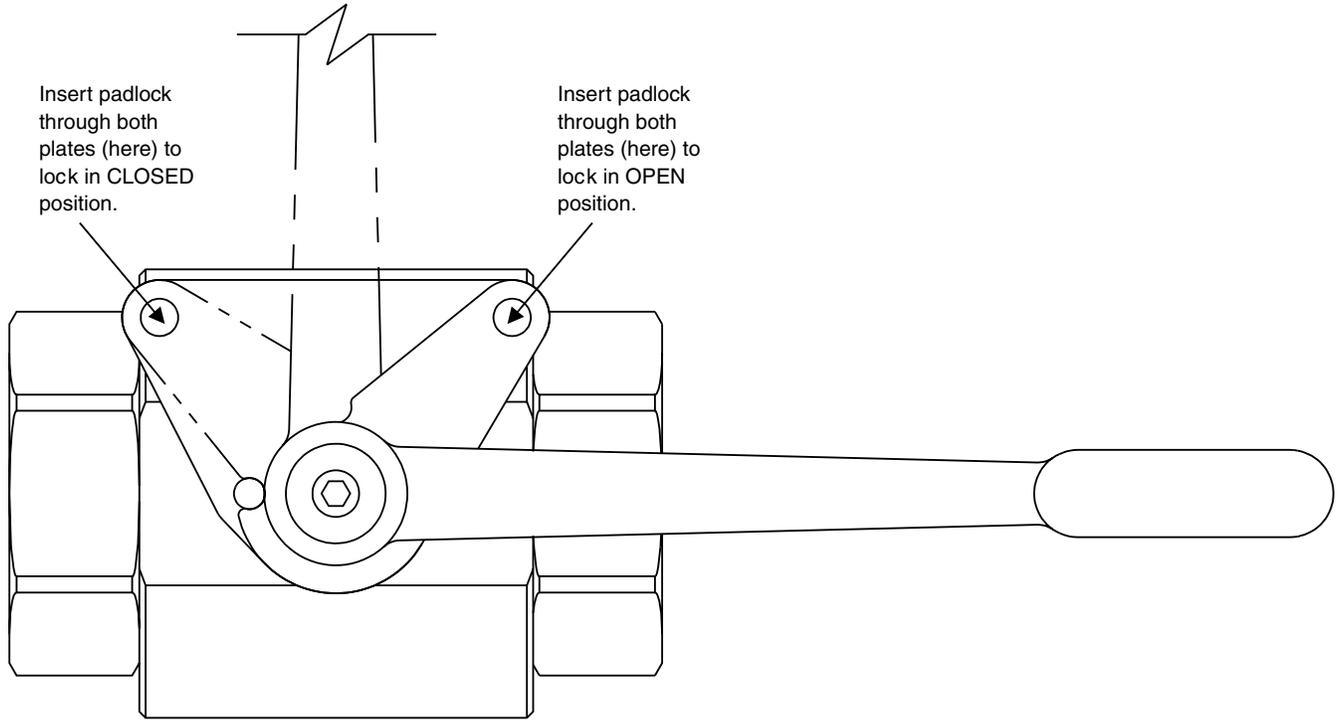


**Threaded Ports**



Code	Port Thread Size	Working Pressure	Dimensions mm (in)						
			A	B	C	D	E	F	G
<b>NPT and SAE</b>									
08	1/2"	690 Bar (10,000 PSI)	107.9 (4.25)	50.8 (2.00)	11.9 (0.47)	22.9 (0.90)	63.5 (2.50)	114.3 (4.50)	72.4 (2.85)
12	3/4"	690 Bar (10,000 PSI)	114.3 (4.50)	63.5 (2.50)	18.5 (0.73)	22.9 (0.90)	70.1 (2.76)	155.7 (6.13)	91.4 (3.60)
16	1"	690 Bar (10,000 PSI)	133.3 (5.25)	76.2 (3.00)	24.4 (0.96)	27.9 (1.10)	77.5 (3.05)	155.7 (6.13)	107.9 (4.25)
20	1 1/4"	690 Bar (10,000 PSI)	139.7 (5.50)	88.9 (3.50)	30.7 (1.21)	30.5 (1.20)	78.7 (3.10)	210.8 (8.30)	124.5 (4.90)
24	1 1/2"	690 Bar (10,000 PSI)	152.4 (6.00)	101.6 (4.00)	36.1 (1.42)	34.3 (1.35)	83.8 (3.30)	210.8 (8.30)	139.7 (5.50)
32	2"	690 Bar (10,000 PSI)	165.1 (6.50)	120.6 (4.75)	48.5 (1.91)	38.1 (1.50)	88.9 (3.50)	210.8 (8.30)	167.6 (6.60)

**BVHPLK:** Standard Series 'BVHPLK-\*' kit replaces the stopwasher with a stationary and moving plate, as illustrated below. As the handle is actuated, the moving plate aligns with one of the two locking positions in the stationary plate, enabling the valve to be locked in either **fully closed** or **fully open** position.



**Ordering Information**

BVHH		Standard Locking (Part Number)
Code	Size	
08	1/2"	BVHPLK-1
12	3/4"	BVHPLK-2
16	1"	BVHPLK-2
20	1 1/4"	BVHPLK-3
24	1 1/2"	BVHPLK-3
32	2"	BVHPLK-3