

General Description

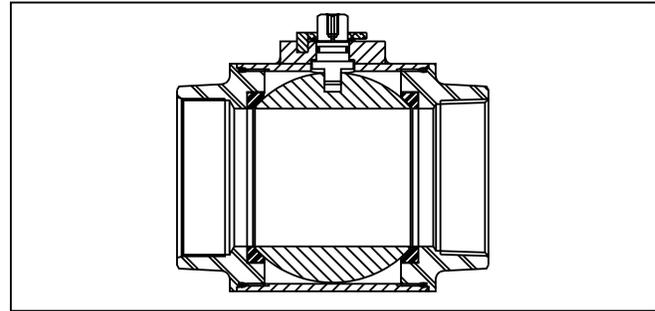
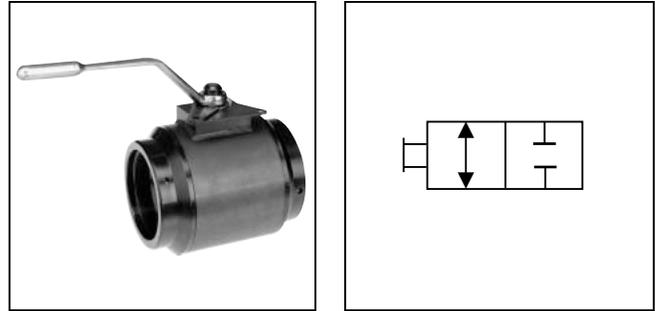
Series BVAM are 2-way ball valves rated at 138 Bar (2000 PSI). This product provides a cost effective solution where 414 Bar (6000 PSI) is not required. Many features found on the 414 Bar (6000 PSI) unit are incorporated in this cost effective product.

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

Maximum Pressure	138 Bar (2000 PSI)
Body Material	Carbon Steel, Black Oxide
Ball Material	Steel, Chrome Plated
Stem Material	Steel, Zinc Plated
Standard Handle	Steel Offset, Nickel Plated
Ball Seals	Delrin + MoS ₂
Spindle Seals	O-Ring & Backup, Nitrile
Operating Temperature	-30°C to +100°C (-22°F to +212°F)

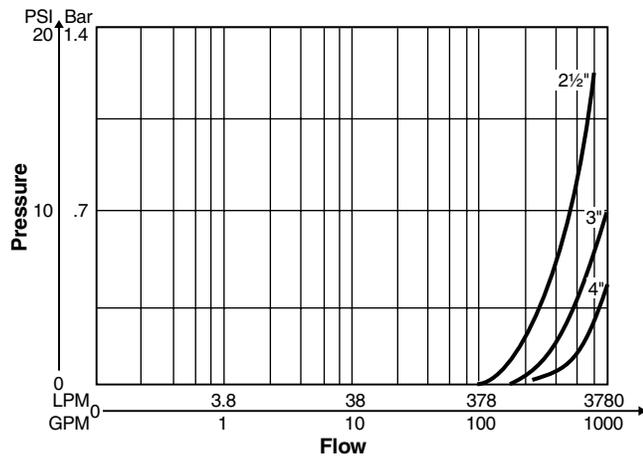


Features

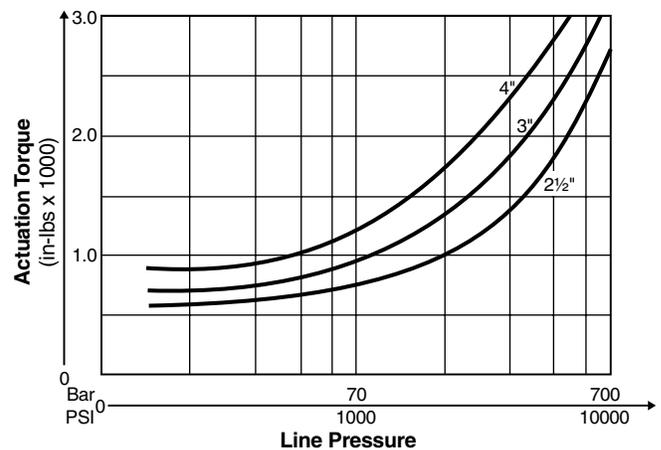
- A full range of threaded porting options allows mounting in most applications.
- The use of MoS₂ mounted ball seals and synthetic lubricant creates a low actuation torque and ensures long life.
- The wide range of spindle and ball sealing materials allows use in most known fluid applications.

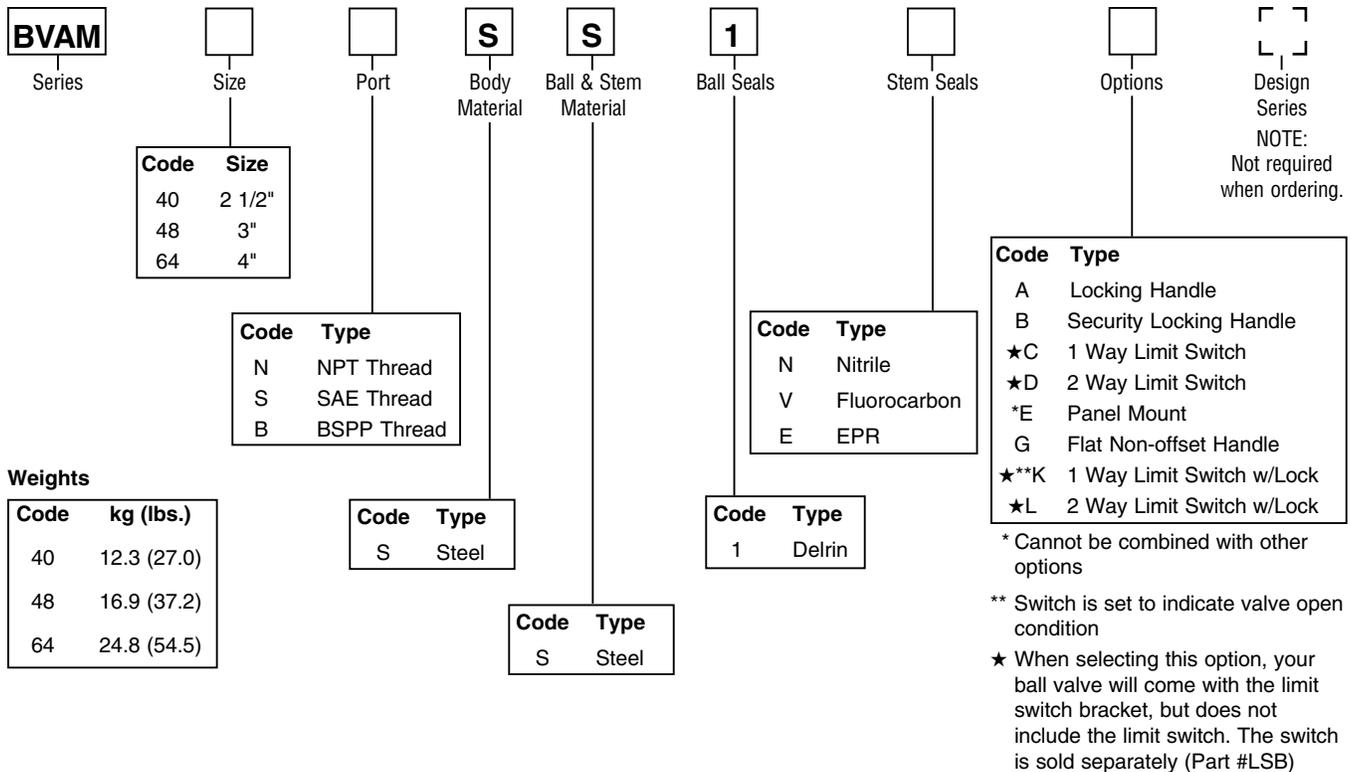
Performance Curves

Pressure Drop



Actuation Torque

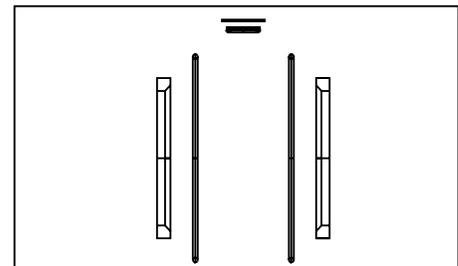




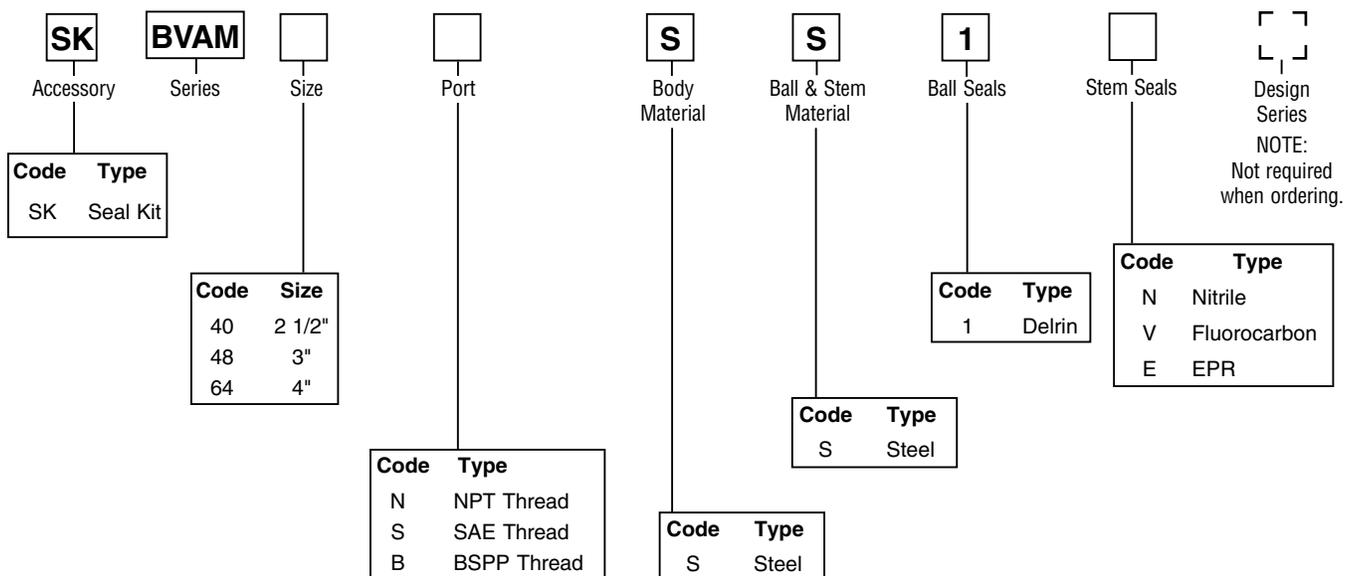
Seal Kit Accessories

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

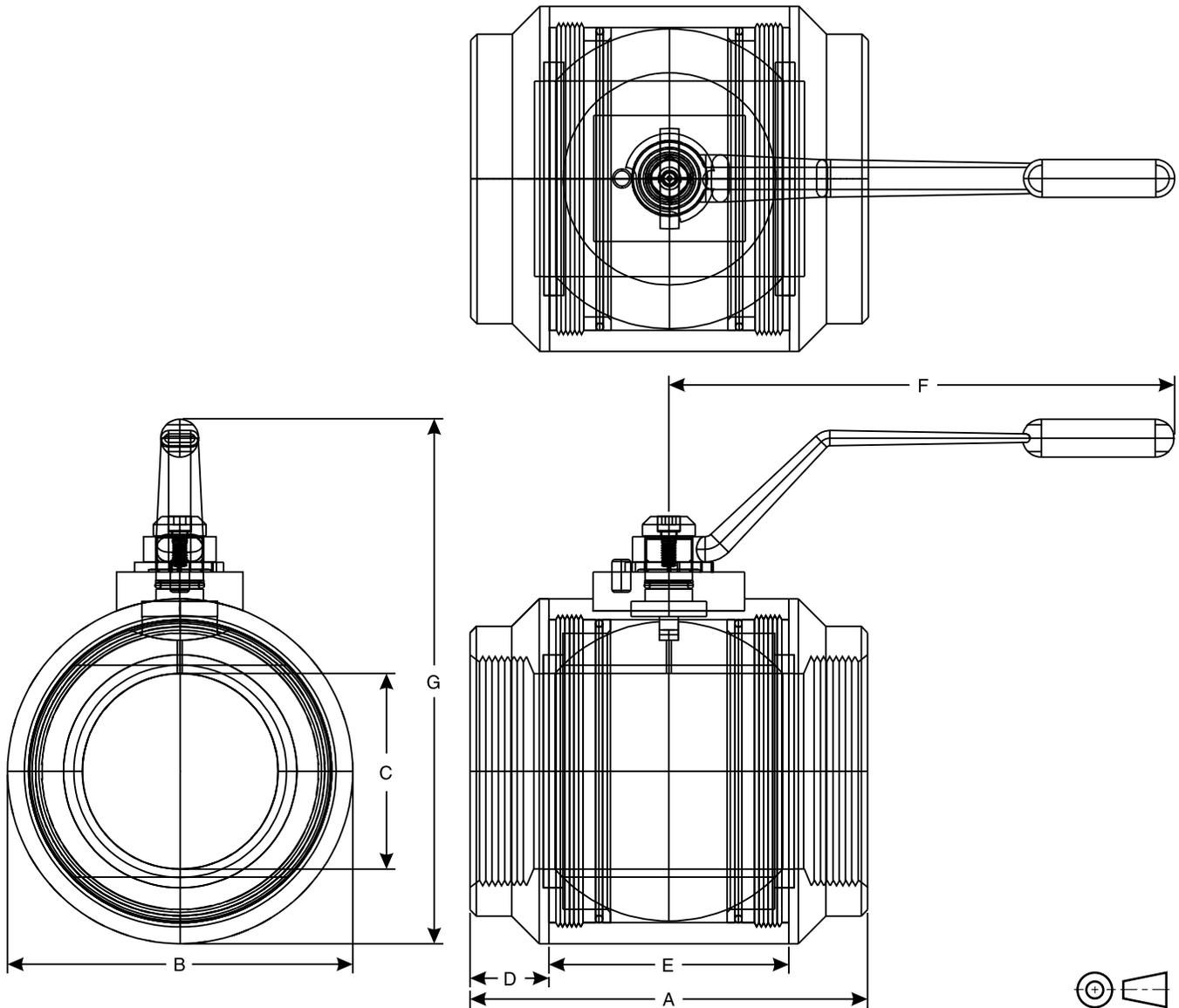
The Seal Kit includes all the o-rings, ball seals and thrust bearings that were originally installed at the factory.



Seal Kit Ordering Information

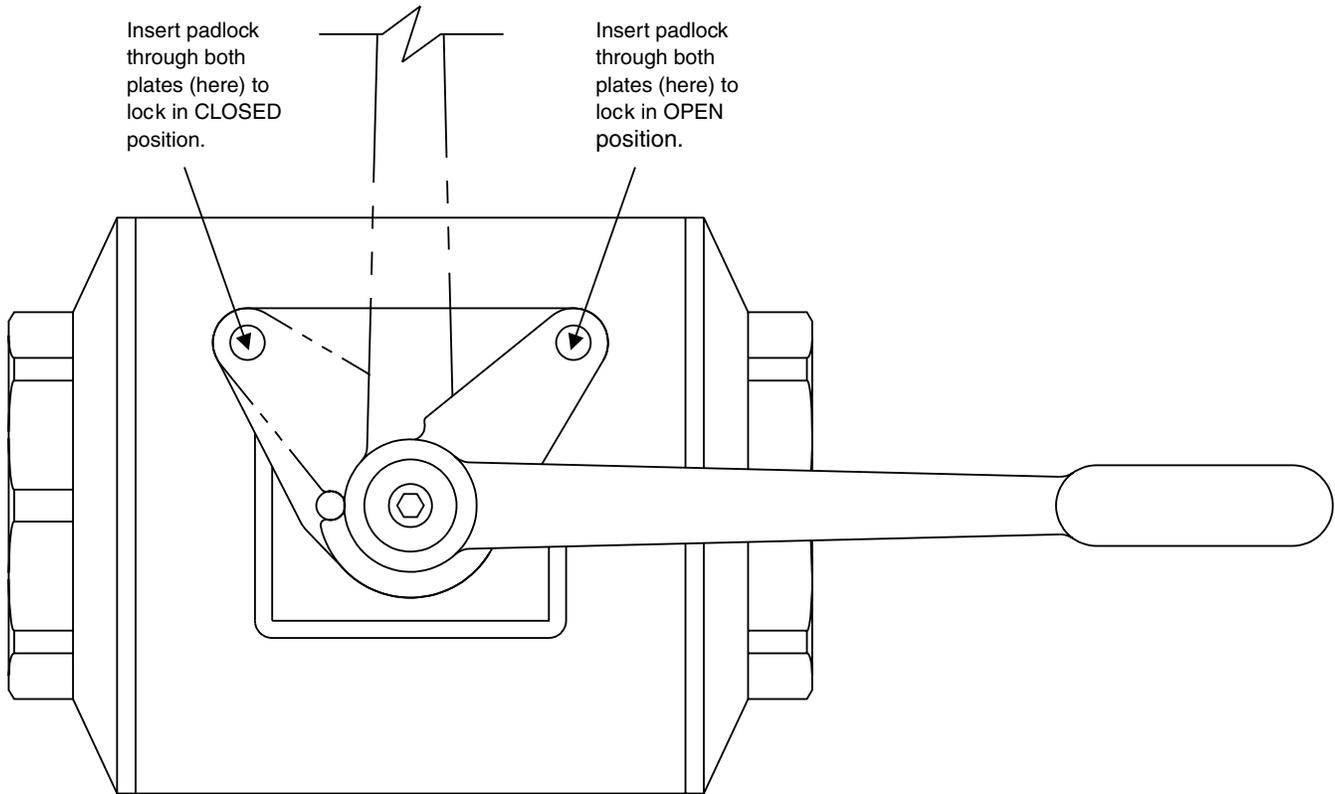


Threaded Ports



Code	Port Thread Size	Working Pressure	Dimensions mm (in)						
			A	B	C	D	E	F	G
40	2 1/2"	138 Bar (2000 PSI)	184.2 (7.25)	133.4 (5.25)	63.5 (2.50)	28.7 (1.13)	127.0 (5.00)	254.0 (10.00)	228.3 (8.99)
48	3"	138 Bar (2000 PSI)	221.2 (8.71)	158.8 (6.25)	76.2 (3.00)	35.1 (1.38)	151.4 (5.96)	254.0 (10.00)	253.7 (9.99)
64	4"	138 Bar (2000 PSI)	248.9 (9.80)	184.2 (7.25)	101.6 (4.00)	38.1 (1.50)	172.7 (6.80)	254.0 (10.00)	279.1 (10.99)

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

BVAM		Standard Locking (Part Number)
Code	Size	
40	2 1/2"	BVHPLK-4
48	3"	BVHPLK-4
64	4"	BVHPLK-4