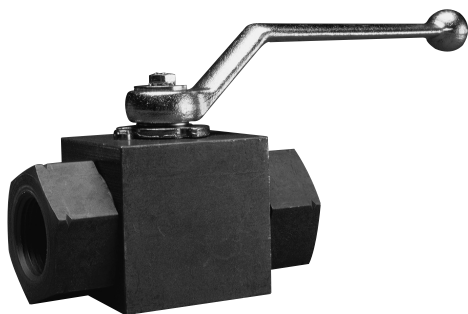




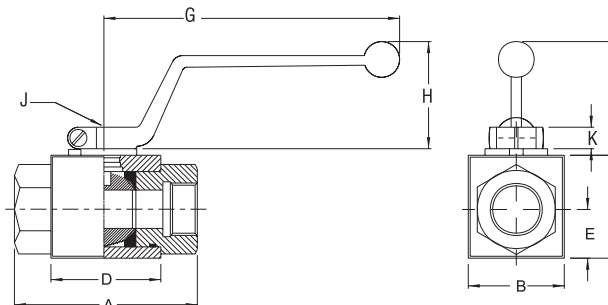
BALL VALVES-MEDIUM/HEAVY DUTY

Series BVM Medium Duty BVH Heavy Duty



Features

1. All sizes are full ported, steel body
2. BVM04 thru BVM16: brass ball with chrome plating
3. BVM20 thru BVM32: steel ball with chrome plating
4. BVH: steel ball with chrome plating
5. BVM: steel zinc stem
6. Delrin ball seal
7. Seals: BVM=Buna BVH=Viton
8. Steel handles on sizes 04 thru 16
Aluminum handles on sizes 20 thru 32
9. Compatible with petroleum based fluids
10. Operating temperatures; -22°F to +212°F
(-30°C to +100°C)



Vescor Part No.	Ports NPT SAE	(PSI)	NPT A in mm	SAE A in mm	B in mm	D in mm	E in mm	F in mm	G in mm	H in mm	J in mm	K in mm	Wgt. lbs kg
BVM04	1/4" -4	7250	2.7 69	2.7 69	1.0 26	1.6 40	0.53 13.5	1.3 33	4.5 115	1.9 47	0.35 9	0.43 11.0	.66 0.30
BVM06	3/8" -6	7250	3.1 78	2.8 72	1.3 32	1.7 43	0.69 17.5	1.5 38	4.5 115	2.0 52	0.35 9	0.43 11.0	1.1 0.50
BVM08	1/2" -8	7250	4.1 104	3.3 84	1.4 35	1.9 48	0.75 19.0	1.6 40	4.5 115	2.1 54	0.35 9	0.43 11.0	1.7 0.75
BVM12	3/4" -12	4567	4.0 102	3.7 95	1.9 48	2.4 62	0.96 24.5	2.2 57	6.3 160	3.0 75	0.55 14	0.55 14.0	1.7 0.75
BVM16	1" -16	4567	4.7 119	4.4 111	2.3 58	2.6 66	1.16 29.5	2.6 65	6.3 160	3.3 83	0.55 14	0.55 14.0	3.5 1.60
BVM20	1 1/4" -20	5000	4.5 115	4.4 111	3.2 81	3.1 80	1.59 40.5	3.4 86	11.8 300	4.2 107	0.67 17	0.65 16.5	7.0 3.20
BVM24	1 1/2" -24	5000	5.1 130	5.1 130	3.9 100	3.3 85	1.97 50.0	4.1 103	11.8 300	4.9 124	0.67 17	0.65 16.5	9.5 4.30
BVM32	2" -32	5000	5.5 140	5.5 140	4.6 118	3.9 100	2.32 59.0	4.6 117	11.8 300	5.4 138	0.67 17	0.65 16.5	22 10.0

Vescor Part No.	Ports NPT SAE	(PSI)	NPT A in mm	SAE A in mm	B in mm	D in mm	E in mm	F in mm	G in mm	H in mm	J in mm	K in mm	Wgt. lbs kg
BVH04	1/4" -4	7250	2.7 69	2.7 69	1.0 26	1.6 40	0.53 13.5	1.3 33	4.5 115	1.9 47	0.35 9	0.43 11.0	.66 0.30
BVH06	3/8" -6	7250	3.1 78	2.8 72	1.3 32	1.7 43	0.69 17.5	1.5 38	4.5 115	2.0 52	0.35 9	0.43 11.0	1.1 0.50
BVH08	1/2" -8	7250	4.1 104	3.3 84	1.4 35	1.9 48	0.75 19.0	1.6 40	4.5 115	2.1 54	0.35 9	0.43 11.0	1.7 0.75
BVH12	3/4" -12	4567	4.0 102	3.7 95	1.9 48	2.4 62	0.96 24.5	2.2 57	6.3 160	3.0 75	0.55 14	0.55 14.0	1.7 0.75
BVH16	1" -16	4567	4.7 119	4.4 111	2.3 58	2.6 66	1.16 29.5	2.6 65	6.3 160	3.3 83	0.55 14	0.55 14.0	3.5 1.60
BVH20	1 1/4" -20	5000	4.5 115	4.4 111	3.2 81	3.1 80	1.59 40.5	3.4 86	11.8 300	4.2 107	0.67 17	0.65 16.5	7.0 3.20
BVH24	1 1/2" -24	5000	5.1 130	5.1 130	3.9 100	3.3 85	1.97 50.0	4.1 103	11.8 300	4.9 124	0.67 17	0.65 16.5	9.5 4.30
BVH32	2" -32	5000	5.5 140	5.5 140	4.6 118	3.9 100	2.32 59.0	4.6 117	11.8 300	5.4 138	0.67 17	0.65 16.5	22 10.0

How to Order

BVM	12	P	N
Ball Valve	Size	Port Type	Options
BVM=Medium duty	04=1/4" 16=1"	P=NPT	N=No Options
BVH=Heavy Duty	06=3/8" 20=1 1/4"	S=SAE	L*= Handle Lock
	08=1/2" 24=1 1/2"		*Furnished unassembled
	12=3/4" 32=2"		

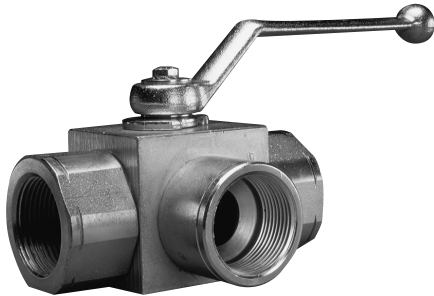
Replacement Parts

Part Number Handles	Part Number Seal Kit	Valve Size	Lock Kits Part No.	Valve Size
BVHH1	BVS04	04	BVLK1	04, 06, 08
BVHH1	BVS06	06	BVLK2	12, 16
BVHH1	BVS08	08	BVLK3	20, 24, 32
BVHH2	BVS12	12	Handle lock kit can be used on Vescor BVM, BVH, FBVH and 3WBVH series ball valves	
BVHH2	BVS16	16		
BVHH3	BVS20	20		
BVHH3	BVS24	24		
BVHH3	BVS32	32		



BALL VALVES-3 WAY HIGH PRESSURE

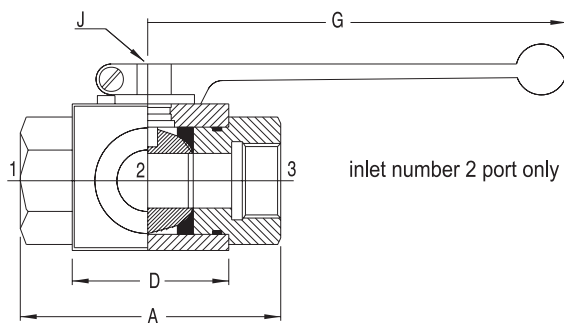
Series 3WBVH 3 Way High Pressure



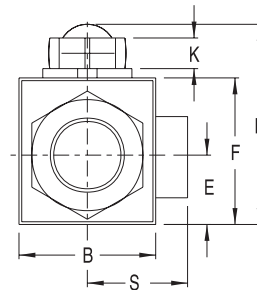
Features

1. Steel body
2. Steel, hard chromium plated ball
3. Delrin ball seals
4. Compatible with petroleum based fluids
5. Seals: Viton
6. Operation temperature -22°F to $+212^{\circ}\text{F}$ (-30°C to $+100^{\circ}\text{C}$)
7. Sizes: $\frac{3}{8}$ " to 2"

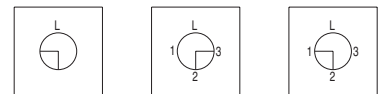
Options: • Straight handle
• Handle lock kit



inlet number 2 port only



BALL DRILLING CIRCUIT DIAGRAMS



NOTE: PRESSURIZE THROUGH CONNECTION 1 ONLY, OTHERWISE LEAKAGE WILL OCCUR THROUGH BALL SEALS.

Vescor Part No.	Ports		Working Pressure (PSI)	NPT		SAE		B		D		E		F		G		H		J		K		S		Wgt.	
	NPT	SAE		A in	mm	A in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg
3WBVH04	¼"	-4	4600	2.7	69	2.7	69	1.0	26	1.6	40	0.53	13.5	1.3	33	4.50	115	1.9	47	0.35	9	0.43	11.0	1.36	34.5	0.66	0.30
3WBVH06	⅜"	-6	4600	3.1	78	2.8	72	1.3	32	1.7	43	0.69	17.5	1.5	38	4.50	115	2.0	52	0.35	9	0.43	11.0	1.40	36.0	0.99	0.45
3WBVH08	½"	-8	4600	4.1	104	3.3	84	1.4	35	1.9	48	0.75	19.0	1.6	40	4.50	115	2.1	54	0.35	9	0.43	11.0	1.63	41.5	1.20	0.55
3WBVH12	¾"	-12	3600	4.0	102	3.7	95	1.9	49	2.4	62	0.96	24.5	2.2	57	6.30	160	3.0	75	0.55	14	0.55	14.0	1.88	47.5	3.30	1.50
3WBVH16	1"	-16	3600	4.7	119	4.4	113	2.3	58	2.6	66	1.16	29.5	2.6	65	6.30	160	3.3	83	0.55	14	0.55	14.0	2.24	57.0	4.90	2.22
3WBVH20*	1¼"	-20	2300	4.7	119	4.3	109	3.1	80	3.2	81	1.36	34.5	3.1	80	11.8	300	4.0	101	0.55	14	0.55	14.0	2.60	65.0	10.0	4.50
3WBVH24*	1½"	-24	2300	5.1	130	5.1	130	3.9	100	3.3	85	1.85	47.0	3.9	100	11.8	300	4.8	121	0.67	17	0.65	16.5	3.14	80.0	18.1	8.20
3WBVH32*	2"	-32	2300	5.5	140	5.5	140	4.6	118	3.9	100	2.05	52.0	4.3	110	11.8	300	5.2	131	0.67	17	0.65	16.5	3.50	89.0	22.0	10.0

*Not full-ported

Note: Non stock items $\frac{1}{4}$ " & 2" SAE

How to Order

3WBVH

Ball Valve
3 Way
High Pressure

12

Size
04= $\frac{1}{4}$ " 16=1"
06= $\frac{3}{8}$ " 20= $1\frac{1}{4}$ "
08= $\frac{1}{2}$ " 24= $1\frac{1}{2}$ "
12= $\frac{3}{4}$ "

P

Port Type
P=NPT
S=SAE

N

Options
N=No Options
L*= Handle Lock

*Furnished unassembled

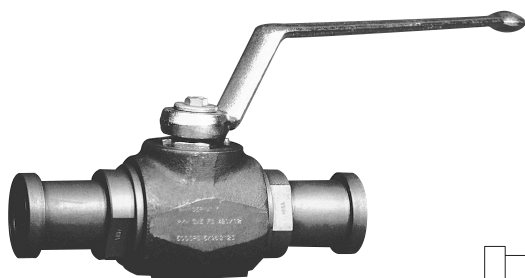
Lock Kits Part No.	Valve Size
BVLK1	04, 06, 08
BVLK2	12, 16
BVLK3	20, 24, 32

Handle lock kit can be used on Vescor BVM, BVH and 3WBVH series ball valves



BALL VALVES-SPLIT FLANGE

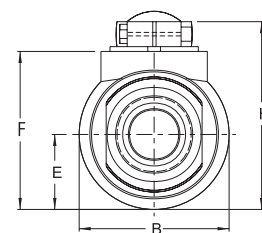
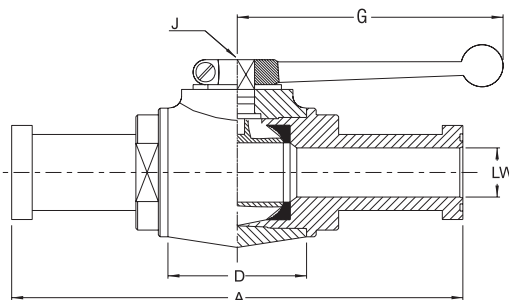
Series FBVH – Split Flange Code 61 and Code 62 (3000 PSI and 6000 PSI)



Features

1. All sizes are fully ported, steel body
2. Steel, hard chromium plated ball
3. Delrin ball seals
4. Compatible with petroleum based fluids
5. Seals: Viton
6. Operation temperature -22°F to $+212^{\circ}\text{F}$ (-30°C to $+100^{\circ}\text{C}$)
7. Sizes: $\frac{1}{2}''$ to $2''$

Options: • Handle lock kit



Code 61

Vescor Part No.	Port Size	Working Pressure (PSI)	LW	A	B	D	E	F	G	H	J	Wgt.
			in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs. kg.
FBVH0861	$\frac{1}{2}''$	3000	0.51 13	5.94 151	1.38 35	1.9 48	0.75 19	1.6 40	4.53 115	2.1 54	0.35 9	2.00 0.9
FBVH1261	$\frac{3}{4}''$	3000	0.75 19	6.38 162	1.93 49	2.4 61	0.94 24	2.2 57	6.30 160	3.0 75	0.35 9	3.50 1.6
FBVH1661	1"	3000	0.98 25	7.01 178	2.28 58	2.6 66	1.14 29	2.6 65	6.30 160	3.3 85	0.55 14	5.10 2.3
FBVH2061	$1\frac{1}{4}''$	3000	1.18 30	7.48 190	3.19 81	3.1 80	1.57 40	3.4 86	11.8 300	4.2 106	0.67 17	7.90 3.6
FBVH2461	$1\frac{1}{2}''$	3000	1.42 36	9.09 231	3.94 100	3.3 85	1.97 50	4.1 103	11.8 300	4.9 124	0.67 17	14.1 6.4
FBVH3261	2"	3000	1.89 48	9.13 232	4.65 118	3.9 100	2.32 59	4.6 117	11.8 300	5.4 138	0.67 17	20.1 9.1

Code 62

Vescor Part No.	Port Size	Working Pressure (PSI)	LW	A	B	D	E	F	G	H	J	Wgt.
			in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	in mm	lbs. kg.
FBVH0862	$\frac{1}{2}''$	5000	0.51 13	5.94 151	1.38 35	1.9 48	0.75 19	1.6 40	4.53 115	2.1 54	0.35 9	2.00 0.9
FBVH1262	$\frac{3}{4}''$	5000	0.75 19	6.38 162	1.93 49	2.4 61	0.94 24	2.2 57	6.30 160	3.0 75	0.35 9	3.50 1.6
FBVH1662	1"	5000	0.98 25	7.01 178	2.28 58	2.6 66	1.14 29	2.6 65	6.30 160	3.3 83	0.55 14	5.10 2.3
FBVH2062	$1\frac{1}{4}''$	6000	1.06 27	8.80 223	3.19 81	3.1 80	1.57 40	3.4 86	11.8 300	4.2 106	0.67 17	8.60 3.9
FBVH2462	$1\frac{1}{2}''$	6000	1.26 33	11.0 280	3.94 100	3.3 85	1.97 50	4.1 103	11.8 300	4.9 124	0.67 17	15.0 6.8
FBVH3262	2"	6000	1.77 45	12.0 316	4.65 118	3.9 100	2.32 59	4.6 117	11.8 300	5.4 138	0.67 17	21.2 9.6

How to Order

FBVH
Ball Valve
Split Flange

12
Size
08= $\frac{1}{2}''$ 20= $1\frac{1}{4}''$
12= $\frac{3}{4}''$ 24= $1\frac{1}{2}''$
16=1" 32=2"

61
Pressure Rating
61=Code 61
62=Code 62

N
Options
N=No Options
L*= Handle Lock

*Furnished unassembled

Lock Kits Part No.	Valve Size
BVLK1	04, 06, 08
BVLK2	12, 16
BVLK3	20, 24, 32

Handle lock kit can be used on
Vescor BVM, BVH, FBVH
and 3WBVH series ball valves