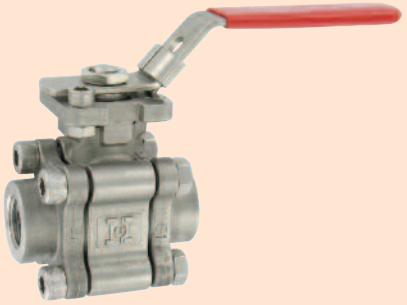
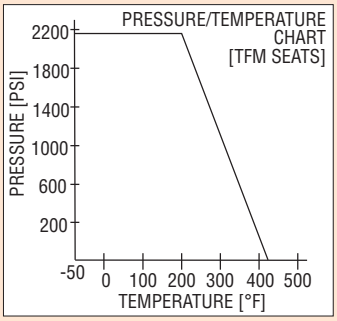
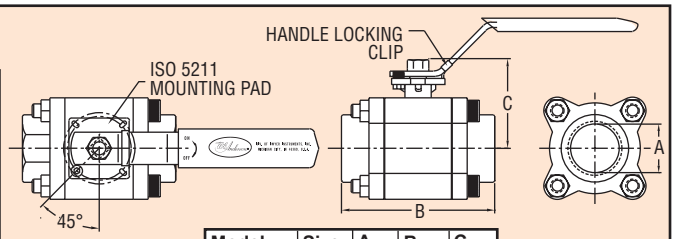
Series HBV

Hastelloy® C Ball Valve

Corrosion Resistant, Full Port







Model	Size	A	B	C
HBV-M01	1/4	.43	2.63	2.16
HBV-M02	3/8	.49	2.63	2.16
HBV-M03	1/2	.59	3.37	2.08
HBV-M04	3/4	.78	3.77	2.35
HBV-M05	1	.98	4.21	2.55
HBV-M06	1-1/4	1.25	4.37	2.97
HBV-M07	1-1/2	1.49	5.07	3.36
HBV-M08	2	1.96	6.10	4.24

Series HBV Hastelloy® C Ball Valve incorporates several innovative design features for improved process performance. The ISO 5211 mounting pad facilitates direct mounting of pneumatic and electric actuators. In combination with our high-cycle, live-loaded stem packing system, the HBV series ball valve is an ideal choice for all your automation requirements.

Size	CV	Model	Size	CV	Model
1/4″	6	**HBV-M01**	1″	46	**HBV-M05**
3/8″	8	**HBV-M02**	1-1/4″	82	**HBV-M06**
1/2″	12	**HBV-M03**	1-1/2″	120	**HBV-M07**
3/4″	32	**HBV-M04**	2″	400	**HBV-M08**

SPECIFICATIONS

Service: Gases, steam and liquids compatible with wetted materials.
End Connections: Female NPT.
Pressure Limits: 2000 psi (137.9 bar); ASME B16.34 Class 900 (see chart).
Temperature Limit: -20 to 425°F (-29 to 218°C).
Wetted Materials:
Valve body, end caps, ball and stem: ASTM 494 Type CW12MW (Hastelloy® C); Seat, body seal, and stem packing: TFM.
Other Materials:
Body bolt, gland washer, stem nut, space washer, and handle: 304 SS; Handle cover: Vinyl.

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