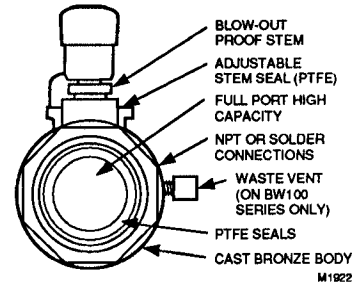


Honeywell Braukmann

B100/BW100 Full Port Bronze Ball Valves

The Honeywell Braukmann B100/BW100 are fully ported ball valves that have higher flow rates with less pressure drop than reduced port ball valves. Easy installation and reliable service make them suited for use in most heating, plumbing and industrial applications.



Specifications

FEATURES:

Bottom-loaded, blow-out proof stem with adjustable PTFE stem seal.

Meet Federal Specification WW-V-35B, Type II, Class A, Style 3 end connections A and C (threaded and solder).

BW100 models include waste vent.

RATINGS:

1/2 inch - 2 inch—500 psi WOG Cold, nonshock.

2-1/2 - 4 inch—400 psi WOG Cold, nonshock.

Saturated Steam On-Off Service—150 psi.

Vacuum Service: 29 inches mercury.

Fig. 1—B100/BW100 parts.

PART	MATERIAL
Handle Nut	Zinc Plated Steel
Handle	Zinc Plated Steel (Vinyl Coated)
Packing Gland	Brass
Stem Packing	PTFE
Stem	Brass
Body	Cast Red Bronze (85-5-5)
Seat Ring	PTFE
Ball	Brass, Chrome Plated
Seat Ring	PTFE
Body End Piece	Cast Red Bronze (85-5-5)
BW100 Series (Additional Parts)	
Waste Vent Cap	Brass
Waste Vent Seal	NBR

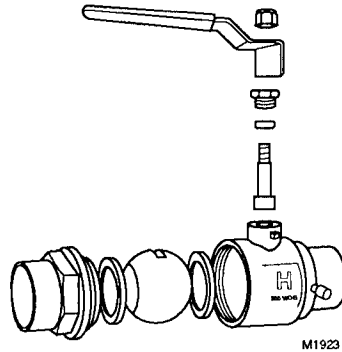
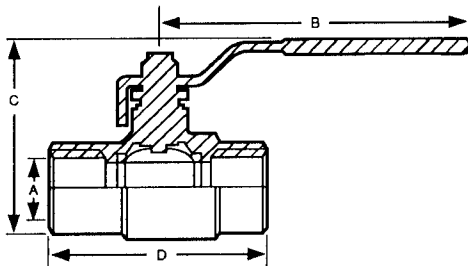


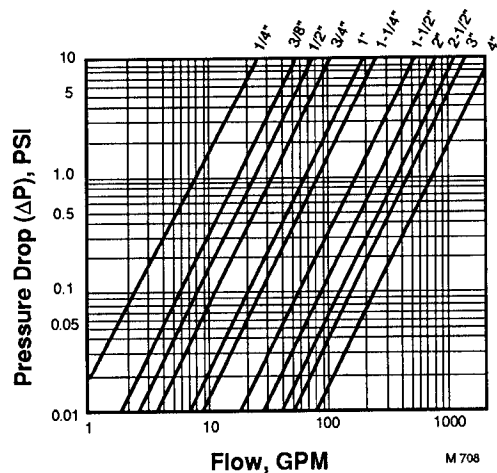
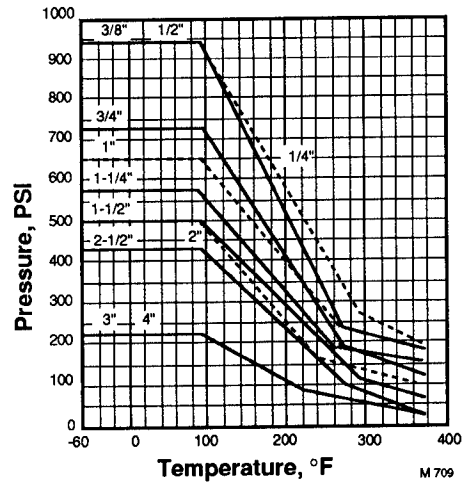
Fig. 2—B100/BW100 dimensions in inches [millimeters].



Size (inches)	A	B	C	D	Cv
1/4	0.473 [12]	3.347 [85]	2.402 [61]	2.008 [51]	7.2
3/8	0.473 [12]	3.347 [85]	2.402 [61]	2.008 [51]	18.0
1/2	0.591 [15]	3.347 [85]	2.402 [61]	2.441 [62]	23.0
3/4	0.748 [19]	4.095 [104]	2.992 [76]	2.756 [70]	34.0
1	0.985 [25]	4.095 [104]	3.189 [81]	3.347 [85]	66.0
1-1/4	1.260 [32]	4.803 [122]	4.095 [104]	3.898 [99]	82.0
1-1/2	1.575 [40]	4.803 [122]	4.449 [113]	4.334 [110]	195.0
2	1.969 [50]	6.024 [153]	5.394 [137]	5.276 [134]	280.0
2-1/2	2.362 [60]	7.874 [200]	6.732 [171]	6.299 [160]	370.0
3	2.992 [76]	11.024 [280]	8.858 [225]	7.874 [200]	460.0
4	3.740 [95]	11.024 [280]	10.315 [262]	9.921 [252]	750.0

NOTE: Cv IS GPM WITH A 1 PSI PRESSURE DROP AT 60° F. M1919

PRESSURE RATINGS:



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Helping You Control Your World