

TECHNICAL INFORMATION

BMI CARBON PRESS BALL VALVES



BMI CARBON PRESS BALL VALVES

COMPONENTS - BRASS/STEEL BALL VALVE FOR GAS

PARTS	QTY	MATERIALS
FORGED END CAPS	2	ASTM A36 CARBON STEEL
END CAP GASKETS	2	PTFE
BALL SEATS	2	PTFE
FORGED BODY	1	FORGED C37700 BRASS
STEM SEAT	1	PTFE
HANDLE	1	STEEL
HANDLE NUT	1	STEEL
STEM	1	STAINLESS STEEL
STEM PACKING NUT	1	STAINLESS STEEL
STEM PACKING	1	PTFE
BALL	1	STAINLESS STEEL
GRIP RINGS	2	STAINLESS STEEL
O-RING RETAINERS	2	C37700 BRASS
O-RINGS	2	HNBR

Product features:

- HNBR Gas Sealing O-Rings
- Forged Brass Body
- Forged Carbon Steel End Caps
- Blow Out Proof Stem Design
- Full-Port Flow
- Adjustable Packing Nut
- Corrosion Resistant Zinc Coating on Steel
- Compatible with Ridgid® and Milwaukee® Press Tools

Certified and complies with:

- CSA 6.32
- CSA/ANSI LC4
- IAPMO/ANSI CAN Z1157
- UPC (Uniform Plumbing Code)
- National Plumbing Code of Canada
- ISO9001
- 5-Year limited warranty

Operating information:

Working pressure: 125 psi Max. for fuel gas
Working temperature: -40 °F ~ 180 °F (-40 °C ~ 82 °C)

Compatible references:

All pipes must comply with the ASTM A53, A106, A135, A795 standards sch 10~40, black steel, zinc or epoxy coated steel.

100% Factory pressure tested

Application and usages:

- Fuel & gas distribution system

Warning:

To get a compliant installation and obtain the performance listed above, the installer must follow the instructions available online.



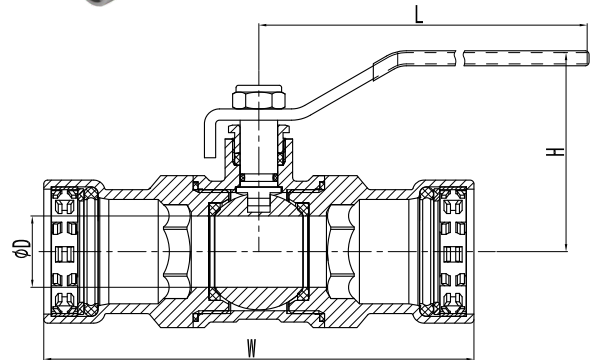
360° Detection Feature

BMI Carbon Press valves are made with Pressed Joint Detection Feature, providing fast and easy identification of unpressed connections during the pressure testing process in any installation angle possible.



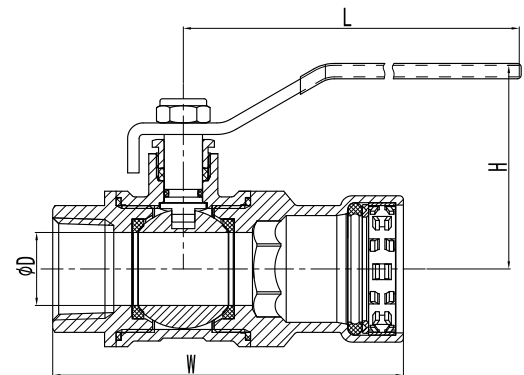
Press x Press Brass/Steel HNBR Gasket for Gas

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
49004	1/2	0.551	4.150	1.750	3.460	0.758
49005	3/4	0.748	4.510	2.090	4.290	1.219
49006	1	0.984	5.260	2.250	4.290	1.865
49007	1 1/4	1.260	6.710	2.530	5.630	3.114
49008	1 1/2	1.575	7.200	2.740	6.100	4.644
49009	2	1.941	7.910	3.040	6.100	7.011



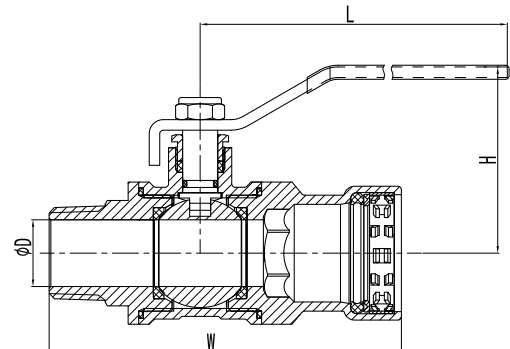
Press x FIPS Brass/Steel HNBR Gasket for Gas

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
49104	1/2	0.551	3.300	1.750	3.460	0.648
49105	3/4	0.748	3.590	2.090	4.290	1.069
49106	1	0.984	4.240	2.250	4.290	1.644
49107	1 1/4	1.260	5.180	2.530	5.630	2.625
49108	1 1/2	1.575	5.570	2.740	6.100	3.967
49109	2	1.941	6.220	3.040	6.100	6.162



Press x MIPS Brass/Steel HNBR Gasket for Gas

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
49204	1/2	0.551	3.630	1.750	3.460	0.666
49205	3/4	0.748	4.030	2.090	4.290	1.115
49206	1	0.984	4.600	2.250	4.290	1.655
49207	1 1/4	1.260	5.540	2.530	5.630	2.643
49208	1 1/2	1.575	5.890	2.740	6.100	3.784
49209	2	1.941	6.630	3.040	6.100	5.982



BMI CARBON PRESS BALL VALVES

COMPONENTS - FORGED CARBON STEEL BALL VALVE FOR GAS		
PARTS	QTY	MATERIALS
FORGED END CAPS	2	ASTM A36 CARBON STEEL
END CAP GASKETS	2	PTFE
BALL SEATS	2	PTFE
CAST BODY	1	ASTM A216 CARBON STEEL
STEM SEAT	1	PTFE
HANDLE	1	STEEL
HANDLE NUT	1	STEEL
STEM	1	STAINLESS STEEL
STEM PACKING NUT	1	STAINLESS STEEL
STEM PACKING	1	PTFE
BALL	1	STAINLESS STEEL
GRIP RINGS	2	STAINLESS STEEL
O-RING RETAINERS	2	C37700 BRASS
O-RINGS	2	HNBR

Product features:

- HNBR Gas Sealing O-Rings
- Cast Carbon Steel Body
- Forged Carbon Steel End Caps
- Blow Out Proof Stem Design
- Full-Port Flow
- Adjustable Packing Nut
- Corrosion Resistant Zinc Coating
- Compatible with Ridgid® and Milwaukee® Press Tool

Certified and complies with:

- CSA 6.32
- CSA/ANSI LC4
- IAPMO/ANSI CAN Z1157
- UPC (Uniform Plumbing Code)
- National Plumbing Code of Canada
- ISO9001
- 5-Year limited warranty

Operating information:

Working pressure: 125 psi Max. for fuel gas
Working temperature: -40 °F ~ 180 °F (-40 °C ~ 82 °C)

Compatible references:

All pipes must comply with the ASTM A53, A106, A135, A795 standards sch 10~40, black steel, zinc or epoxy coated steel.

100% Factory pressure tested

Application and usages:

- Fuel & gas distribution system

Warning:

To get a compliant installation and obtain the performance listed above, the installer must follow the instructions available online.



360° Detection Feature

BMI Carbon Press valves are made with Pressed Joint Detection Feature, providing fast and easy identification of unpressed connections during the pressure testing process in any installation angle possible.



Press x Press Forged Steel HNBR Gasket for Gas

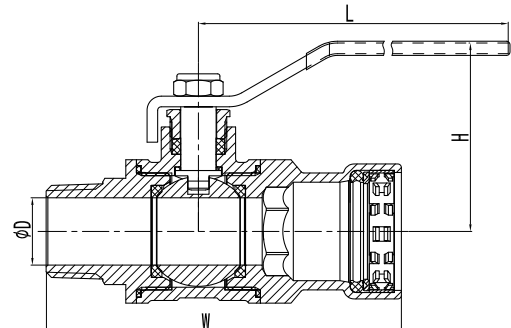
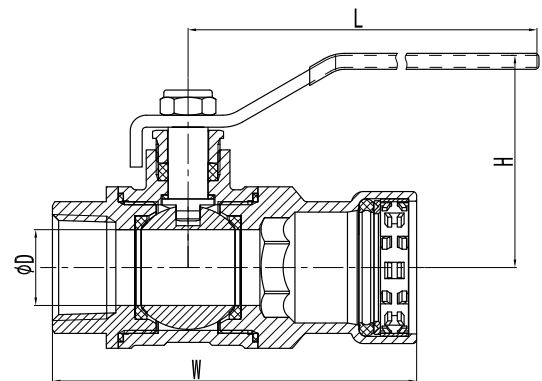
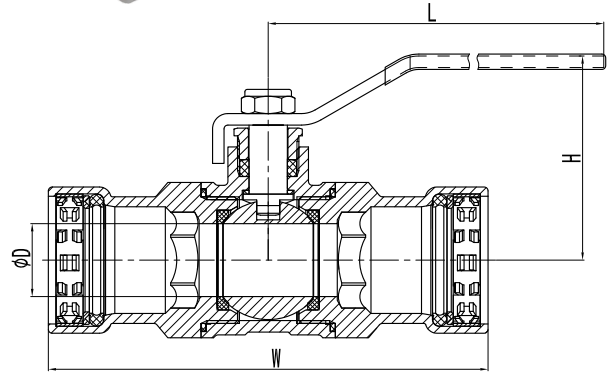
BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
60004	1/2	0.551	4.150	1.750	3.460	0.767
60005	3/4	0.748	4.510	2.090	4.290	1.256
60006	1	0.984	5.260	2.250	4.290	1.909
60007	1 1/4	1.260	6.710	2.530	5.630	3.196
60008	1 1/2	1.575	7.200	2.740	6.500	4.765
60009	2	1.941	7.910	3.040	6.500	7.273

Press x FIPS Forged Steel HNBR Gasket for Gas

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
60104	1/2	0.551	3.300	1.750	3.460	0.657
60105	3/4	0.748	3.590	2.090	4.290	1.098
60106	1	0.984	4.240	2.250	4.290	1.679
60107	1 1/4	1.260	5.180	2.530	5.630	2.709
60108	1 1/2	1.575	5.570	2.740	6.500	3.925
60109	2	1.941	6.220	3.040	6.500	6.118

Press x MIPS Forged Steel HNBR Gasket for Gas

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
60204	1/2	0.551	3.630	1.750	3.460	0.674
60205	3/4	0.748	4.030	2.090	4.290	1.142
60206	1	0.984	4.600	2.250	4.290	1.688
60207	1 1/4	1.260	5.540	2.530	5.630	2.726
60208	1 1/2	1.575	5.890	2.740	6.500	3.844
60209	2	1.941	6.630	3.040	6.500	6.182



BMI CARBON PRESS BALL VALVES

COMPONENTS - FORGED CARBON STEEL BALL VALVE		
PARTS	QTY	MATERIALS
FORGED END CAPS	2	ASTM A36 CARBON STEEL
END CAP GASKETS	2	PTFE
BALL SEATS	2	PTFE
CAST BODY	1	CAST CARBON STEEL
STEM SEAT	1	PTFE
HANDLE	1	STEEL
HANDLE NUT	1	STEEL
STEM	1	STAINLESS STEEL
STEM PACKING NUT	1	STAINLESS STEEL
STEM PACKING	1	PTFE
BALL	1	STAINLESS STEEL
GRIP RINGS	2	STAINLESS STEEL
O-RING RETAINERS	2	C37700 BRASS
O-RINGS	2	NBR/EPDM

Product features:

- EPDM Sealing O-Rings
- Cast Carbon Steel Body
- Forged Carbon Steel End Caps
- Blow Out Proof Stem Design
- Full-Port Flow
- Adjustable Packing Nut
- Corrosion Resistant Zinc Coating
- Compatible with Ridgid® and Milwaukee® Press Tool

Certified and complies with:

- IAPMO/ANSI CAN Z1157
- UPC (Uniform Plumbing Code)
- National Plumbing Code of Canada
- ISO9001
- 5-Year limited warranty

Operating information:

Working pressure: 200 psi Max. for fuel gas
Working temperature: -40 °F ~ 302 °F (-40 °C ~ 150 °C)

Compatible references:

All pipes must comply with the ASTM A53, A106, A135, A795 standards sch 10~40, black steel, zinc or epoxy coated steel.

100% Factory pressure tested

Application and usages:

- Non-drinking water system, Hydronic heating system

Warning:

To get a compliant installation and obtain the performance listed above, the installer must follow the instructions available online.



360° Detection Feature

BMI Carbon Press valves are made with Pressed Joint Detection Feature, providing fast and easy identification of unpressed connections during the pressure testing process in any installation angle possible.

Press x Press Forged Steel EPDM Gasket

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
60024	1/2	0.551	4.150	1.750	3.460	0.767
60025	3/4	0.748	4.510	2.090	4.290	1.256
60026	1	0.984	5.260	2.250	4.290	1.909
60027	1 1/4	1.260	6.710	2.530	5.630	3.196
60028	1 1/2	1.575	7.200	2.740	6.500	4.765
60029	2	1.941	7.910	3.040	6.500	7.273

Press x FIPS Forged Steel EPDM Gasket

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
60124	1/2	0.551	3.300	1.750	3.460	0.657
60125	3/4	0.748	3.590	2.090	4.290	1.098
60126	1	0.984	4.240	2.250	4.290	1.679
60127	1 1/4	1.260	5.180	2.530	5.630	2.709
60128	1 1/2	1.575	5.570	2.740	6.500	3.925
60129	2	1.941	6.220	3.040	6.500	6.118

Press x MIPS Forged Steel EPDM Gasket

BMI#	SIZE	D (inch)	W (inch)	H (inch)	L (inch)	lb
60224	1/2	0.551	3.630	1.750	3.460	0.674
60225	3/4	0.748	4.030	2.090	4.290	1.142
60226	1	0.984	4.600	2.250	4.290	1.688
60227	1 1/4	1.260	5.540	2.530	5.630	2.726
60228	1 1/2	1.575	5.890	2.740	6.500	3.844
60229	2	1.941	6.630	3.040	6.500	6.182

