

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.



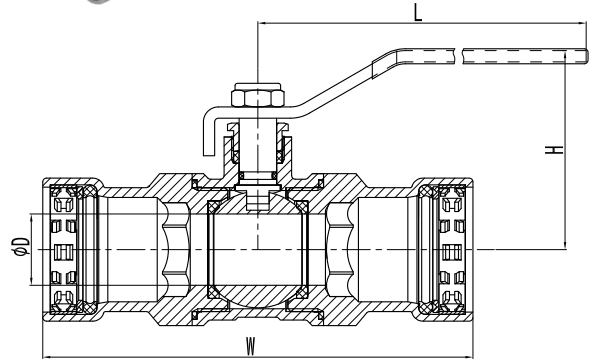
360° Detection Feature

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.



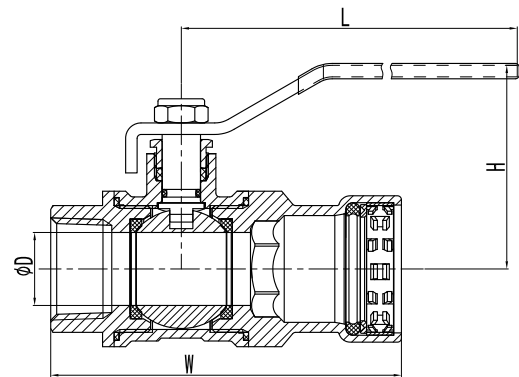
Press x Press Brass/Steel HNBR Gasket for Gas

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
49004	1/2	14.0	105.4	44.5	87.9	0.344
49005	3/4	19.0	114.6	53.1	109.0	0.553
49006	1	25.0	133.6	57.2	109.0	0.846
49007	1 1/4	32.0	170.4	64.3	143.0	1.413
49008	1 1/2	40.0	182.9	69.6	154.9	2.107
49009	2	49.3	200.9	77.2	154.9	3.181



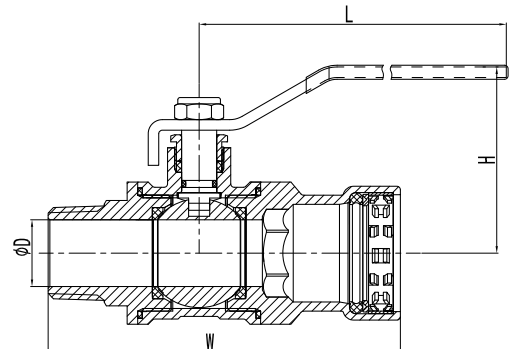
Press x FIPS Brass/Steel HNBR Gasket for Gas

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
49104	1/2	14.0	83.8	44.5	87.9	0.294
49105	3/4	19.0	91.2	53.1	109.0	0.485
49106	1	25.0	107.7	57.2	109.0	0.746
49107	1 1/4	32.0	131.6	64.3	143.0	1.191
49108	1 1/2	40.0	141.5	69.6	154.9	1.800
49109	2	49.3	158.0	77.2	154.9	2.796



Press x MIPS Brass/Steel HNBR Gasket for Gas

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
49204	1/2	14.0	92.2	44.5	87.9	0.302
49205	3/4	19.0	102.4	53.1	109.0	0.506
49206	1	25.0	116.8	57.2	109.0	0.751
49207	1 1/4	32.0	140.7	64.3	143.0	1.199
49208	1 1/2	40.0	149.6	69.6	154.9	1.717
49209	2	49.3	168.4	77.2	154.9	2.714



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

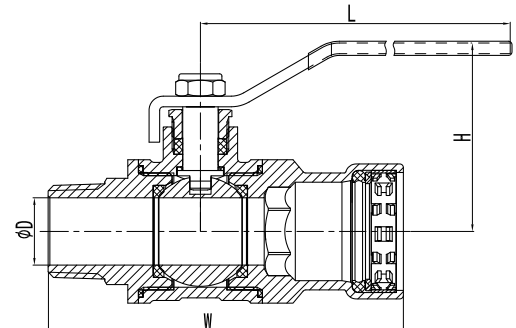
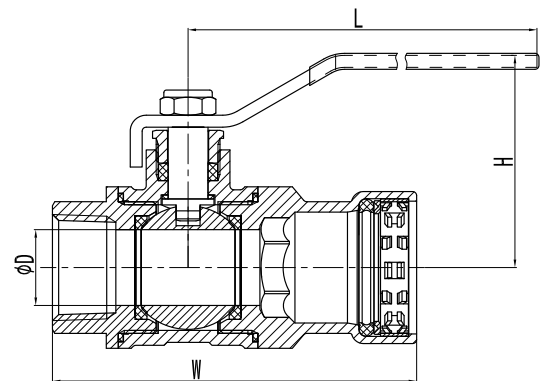
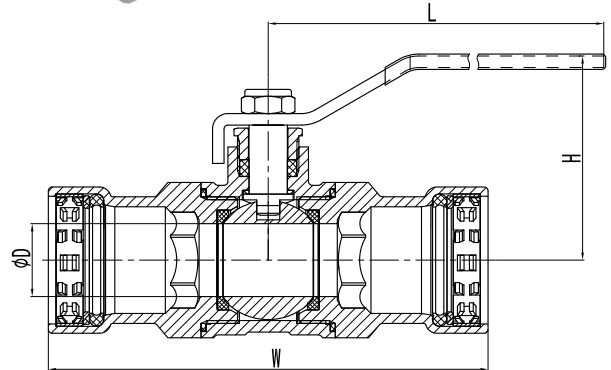
BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
60004	1/2	14.0	105.4	44.5	87.9	0.348
60005	3/4	19.0	114.6	53.1	109.0	0.570
60006	1	25.0	133.6	57.2	109.0	0.866
60007	1 1/4	32.0	170.4	64.3	143.0	1.450
60008	1 1/2	40.0	182.9	69.6	165.1	2.162
60009	2	49.3	200.9	77.2	165.1	3.300

Press x FIPS Forged Steel HNBR Gasket for Gas

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
60104	1/2	14.0	83.8	44.5	87.9	0.298
60105	3/4	19.0	91.2	53.1	109.0	0.498
60106	1	25.0	107.7	57.2	109.0	0.762
60107	1 1/4	32.0	131.6	64.3	143.0	1.229
60108	1 1/2	40.0	141.5	69.6	165.1	1.781
60109	2	49.3	158.0	77.2	165.1	2.776

Press x MIPS Forged Steel HNBR Gasket for Gas

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
60204	1/2	14.0	92.2	44.5	87.9	0.306
60205	3/4	19.0	102.4	53.1	109.0	0.518
60206	1	25.0	116.8	57.2	109.0	0.766
60207	1 1/4	32.0	140.7	64.3	143.0	1.237
60208	1 1/2	40.0	149.6	69.6	165.1	1.744
60209	2	49.3	168.4	77.2	165.1	2.805



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 (mm)	W (mm)	H (mm)	L (mm)	Kg
60024	1/2	14.0	105.4	44.5	87.9	0.348
60025	3/4	19.0	114.6	53.1	109.0	0.570
60026	1	25.0	133.6	57.2	109.0	0.866
60027	1 1/4	32.0	170.4	64.3	143.0	1.450
60028	1 1/2	40.0	182.9	69.6	165.1	2.162
60029	2	49.3	200.9	77.2	165.1	3.300

Press x FIPS Forged Steel EPDM Gasket

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
60124	1/2	14.0	83.8	44.5	87.9	0.298
60125	3/4	19.0	91.2	53.1	109.0	0.498
60126	1	25.0	107.7	57.2	109.0	0.762
60127	1 1/4	32.0	131.6	64.3	143.0	1.229
60128	1 1/2	40.0	141.5	69.6	165.1	1.781
60129	2	49.3	158.0	77.2	165.1	2.776

Press x MIPS Forged Steel EPDM Gasket

BMI#	SIZE	D (mm)	W (mm)	H (mm)	L (mm)	Kg
60224	1/2	14.0	92.2	44.5	87.9	0.306
60225	3/4	19.0	102.4	53.1	109.0	0.518
60226	1	25.0	116.8	57.2	109.0	0.766
60227	1 1/4	32.0	140.7	64.3	143.0	1.237
60228	1 1/2	40.0	149.6	69.6	165.1	1.744
60229	2	49.3	168.4	77.2	165.1	2.805

