

SUBMITTAL SHEET

JOB NAME	ITEM TAG
JOB LOCATION	PART NUMBER
CONTRACTOR	DATE
ENGINEER APPROVAL	DATE

LEGENDPRESS® CSG CARBON STEEL PRESS BALL VALVE

P-204G PRESS X MNPT & P-204G PRESS X FNPT

Press-to-connect end connections reduce labor costs and increase production.

Approved for fuel gas and compressed air applications.

Designed for installation onto ASTM A53 Schedule 10 to Schedule 40 carbon steel pipe. See insertion depth chart below.

Compatible with Milwaukee & Rigid pressing tools and jaws for carbon steel press.

Available in nominal sizes 1/2" to 2" in various configurations.

Working Pressure, Non Shock (PSI)

Cold Working Pressure (CWP): 125 PSI Max for Fuel Gas
200 PSI Max for Air

Operating Temperature Range: -40°F to 180°F

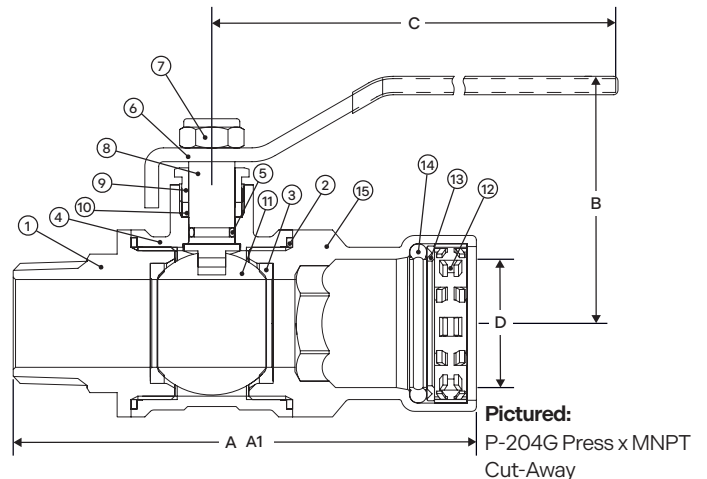
Vacuum-Rated to 29.2 in/Hg at 68°F

Saturated Steam (WSP): Not suitable for steam service



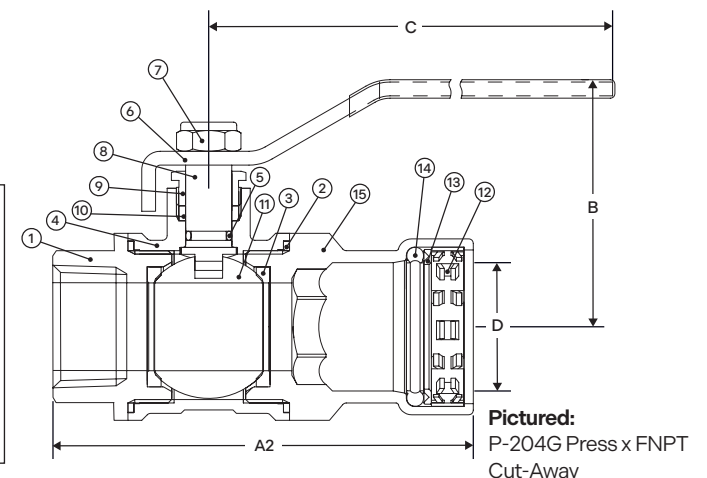
MATERIAL SPECIFICATION

PART	MATERIAL
1 FNPT/MNPT Adapter	Nickel-Zinc Plated Carbon Steel
2 Body Seal	PTFE
3 Ball Seat	PTFE
4 Body	Nickel-Zinc Plated Forged Brass
5 Stem O-Ring	NBR
6 Handle	Plated Steel
7 Handle Nut	Plated Steel
8 Stem	Forged Brass
9 Packing Nut	Forged Brass
10 Stem Packing	PTFE
11 Ball	304 Stainless Steel
12 Grip Ring	420 Stainless Steel
13 Spacer	Chrome Plated Copper
14 O-Ring	HNBR
15 Press Adapter	Nickel-Zinc Plated Carbon Steel



DIMENSIONS - INCH

Size	A1	A2	B	C	D
1/2"	3.63	3.30	1.79	3.46	0.87
3/4"	4.03	3.59	2.13	4.29	1.09
1"	4.60	4.24	2.29	4.29	1.36
1-1/4"	5.54	5.18	2.57	5.63	1.70
1-1/2"	5.89	5.57	2.78	6.10	1.92
2"	6.63	6.22	3.08	6.10	2.43



PRESS FITTING INSERTION DEPTH – INCH						
Nominal Tubing Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
Insertion Depth (in.)	1"	1-1/8"	1-1/4"	1-3/4"	1-7/8"	2"

Certifications / Listings:

Third-Party Certified.

ANSI LC 4a / CSA 6.32: Press-connect metallic fittings for use in fuel gas distribution systems.

ASME B16.44: For use in above ground gas piping systems up to 5 PSI.

ASME B16.33: For use in gas piping systems up to 125 PSI.