

BV-50202F • BV-50202R

Features:

- **High Pressure** Hydraulic
- 1/4 Turn Open/Close Operation
- Steel Lever Ball Handle
- Rugged Steel Body
- Full Port - Minimal Pressure Drop
- Standard (Reduced) Port (1-1/4 – 1-1/2)
- Blow-Out Proof Stem
- Chrome Plated Steel Ball
- Buna-N Seals
- NPT Pipe Threads
- Mounting Holes
- **Temperature**
–0° to +215° F (–18° to +102° C)

FP x FP - Full and Standard Ports - Steel



Full Port Part No.	Female Pipe	Female Pipe	WOG	Body Length	Handle Length	Mt. Hole Dia.	Mt. Hole Spacing
BV-50202F-04	1/4 - 18	1/4 - 18	7,250 PSI	2.71	4.51	0.18	1.03
BV-50202F-06	3/8 - 18	3/8 - 18	7,250 PSI	2.84	4.51	0.26	1.24
BV-50202F-08	1/2 - 14	1/2 - 14	7,250 PSI	3.27	4.51	0.26	1.46
BV-50202F-12	3/4 - 14	3/4 - 14	5,800 PSI	3.74	6.38	0.26	1.76
BV-50202F-16	1 - 11 1/2	1 - 11 1/2	5,000 PSI	4.45	6.38	0.26	2.17
BV-50202F-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	5,000 PSI	4.72	9.00	-	-
BV-50202F-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	5,000 PSI	5.13	9.00	-	-
BV-50202F-32	2 - 11 1/2	2 - 11 1/2	5,000 PSI	5.52	9.00	-	-

Standard Port Part No.	Female Pipe	Female Pipe	WOG	Body Length	Handle Length	Mt. Hole Dia.	Mt. Hole Spacing
BV-50202R-20	1 1/4 - 11 1/2	1 1/4 - 11 1/2	5,000 PSI	4.72	9.00	0.26	2.18
BV-50202R-24	1 1/2 - 11 1/2	1 1/2 - 11 1/2	5,000 PSI	5.13	9.00	0.26	2.18

Applications

Our **BV-50202F** and **BV-50202R Ball Valves** are high pressure hydraulic valves with Female NPT Pipe Threads. These valves are designed to be durable with a rugged steel body and a steel lever ball handle that opens and closes the valve with a 90° quarter turn operation. These valves also feature a blow-out proof stem, Buna-N seals, and mounting holes to secure it in place.

Full Port Ball Valves have an oversized ball with a larger orifice than a standard ball valve. This orifice is the same size as the pipeline that is threaded to the ball valve, resulting in better flow with a lower friction loss.

Standard Port Ball Valves, also known as Reduced Port Ball Valves, have a compact ball compared to a full port ball valve, and therefore a smaller orifice that is one pipe size smaller than the threads on the ball valve itself.

Notice

- Stainless Steel Ball Valves are on Pages 17-19