

## 89FVE SERIES NON-GAS BALL VALVE



### STANDARD MATERIALS LIST

<b>BODY</b>	ASTM A216-WCB Carbon Steel
<b>SEAT</b>	Reinforced PTFE
<b>BALL</b>	ASTM A276-316 Stainless Steel
<b>STEM PACKING</b>	Multi-Fill PTFE
<b>NUT</b>	Corrosion Resistant Plated Steel
<b>STEM</b>	ASTM A276-316 Stainless Steel
<b>RETAINER</b>	ASTM A108-12L14 Carbon Steel
<b>SEALING ELEMENT</b>	EPDM (Black)
<b>HANDLE</b>	Plated Steel/Insulated Polyvinyl
<b>GLAND</b>	ASTM A108-1215 Carbon Steel
<b>STEM BEARING</b>	Reinforced PTFE
<b>BODY SEAL</b>	PTFE

### DESCRIPTION

The Apollo POWERPRESS® 89FV Ball Valve is ideal for installation in chilled water, compressed air, hydronic heating and fire sprinkler applications. This valve design significantly reduces installation time and helps maintain a clean working environment. The Apollo POWERPRESS® is designed for steel pipe, schedules 10 to 40, as defined by ASTM A53, A106, A135 and A795 standards.

### FEATURES

- Patented Visual Control Ring (Green)
- EPDM Sealing Element
- Full-Port Flow
- Adjustable Stem Packing
- Fast, Reliable, Economical Press Installation
- Ridgid® & Milwaukee Press Tool Compatible
- Leak Before Press® Technology
- Blowout-Proof Stem
- Corrosion Resistant Materials
- 100% Factory Tested
- Silicone Free Assembly
- Made in USA, ARRA Compliant

### OPTIONS

- (-01) Standard (PTFE Packing, RPTFE Body Seal)
- (-02) Grounded Stem
- (-04) 2¼" Stem Extension
- (-11) Thermo-Seal™ Insulating Tee Handle
- (-14) Side Vented Ball (Uni-Directional)
- (-24) Graphite Stem Packing
- (-27) SS Latch-Lock Lever and Nut
- (-32) SS Tee Handle and Nut
- (-39) SS Hi-Rise Locking Wheel Handle with SS Nut
- (-45) Less Lever and Nut
- (-47) SS Latch Lock Oval Handle
- (-48) SS Oval Handle (No Latch)
- (-49) Assembled Dry
- (-60) Grounded Ball and Stem

### PERFORMANCE RATING

- Maximum Operating Pressure: 200 psi
- Temperature Range: -40°F - 302°F

### APPROVED APPLICATIONS

- Chilled Water
- Hydronic Heating (50% glycol max)
- Low Pressure Steam, 15 psi max
- Compressed Air
- Fire Sprinkler
- Not Suitable for Flammable Gas Service

### APPROVALS

- IAPMO/ANSI - Z1157
- CRN # OC10908 ADD11

### COMPLIANT WITH

- Uniform Plumbing Code (UPC)
- International Plumbing Code (IPC)
- National Plumbing Code of Canada

### DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)					WT (LB.)
		A	B	C	D	E	
89FVE4301	½"	0.50	2.08	4.16	1.74	3.85	0.6
89FVE4401	¾"	0.75	2.28	4.55	1.96	3.85	0.9
89FVE4501	1"	1.00	2.72	5.44	2.29	4.76	1.4
89FVE4601	1¼"	1.25	3.41	6.82	3.20	7.76	4.2
89FVE4701	1½"	1.50	3.62	7.24	3.30	7.76	4.8
89FVE4801	2"	2.00	3.93	7.85	3.68	7.76	7.2

