

89FVE series
non-gas ball valve



standard materials list

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

ball valve
standard

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) therma-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 # 0C10908 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

