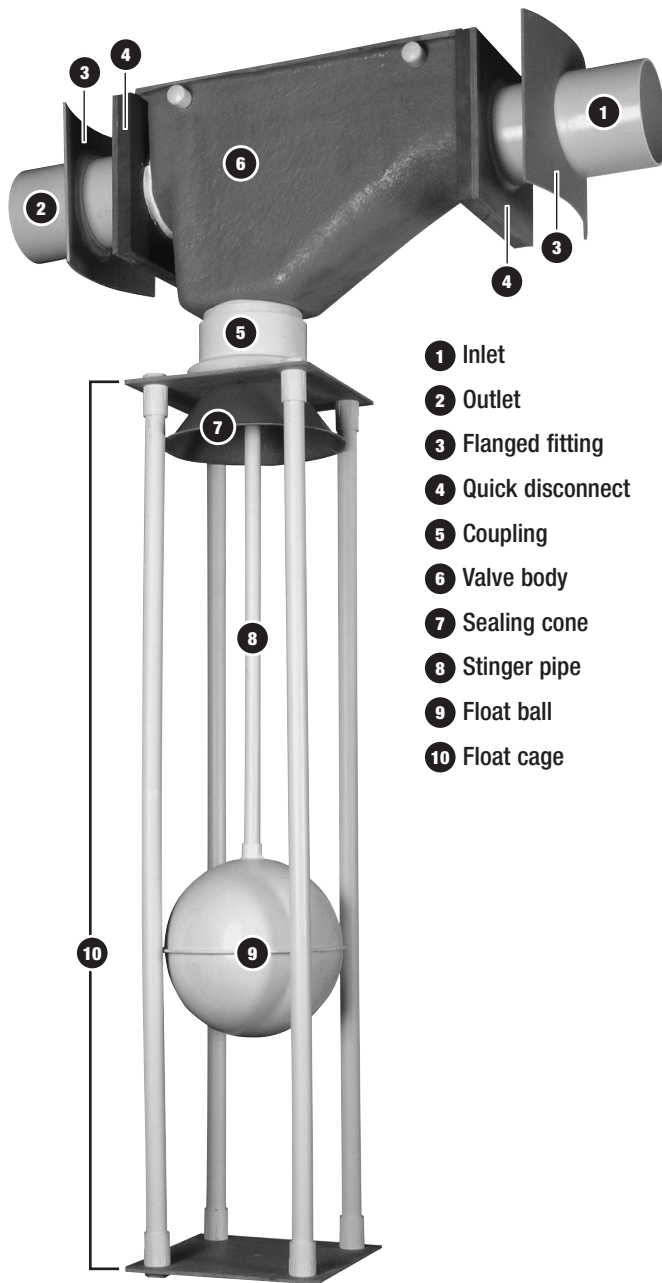


MM_-FRP Recirculating Ball Valve

Applications

The MM_-FRP Recirculating Ball Valve controls the circulation of filtrate from the AdvanTex pod to the recirculation tank. When the liquid in the tank rises to a predetermined maximum bypass level, the valve closes, diverting filtrate past the recirculation tank. When the liquid level is low, the valve remains open, allowing filtrate to return to the tank for recirculation. As the liquid level approaches the maximum bypass level, filtrate splits and flows both ways.



- 1 Inlet
- 2 Outlet
- 3 Flanged fitting
- 4 Quick disconnect
- 5 Coupling
- 6 Valve body
- 7 Sealing cone
- 8 Stinger pipe
- 9 Float ball
- 10 Float cage

MM_-FRP Recirculating Ball Valve (MM6-FRP shown)

Features

- Easy installation and removal
- Field-adjustable to maintain desired bypass level
- Corrosion-resistant construction
- Capacity for flows up to ...
 - 125 gpm (7.9 L/sec) for MM4-FRP
 - 225 gpm (14.2 L/sec) for MM6-FRP
- Design allows installation in ...
 - 24- or 30-in. (600- or 750-mm) access risers (MM4-FRP)
 - 30-in. (750-mm) access risers (MM6-FRP)

Standard Models

MM4-FRP, MM4-FRP-Field Cut, MM6-FRP, MM6-FRP-Field Cut

Materials of Construction

	MM4-FRP	MM6-FRP
Body and cone	Fiberglass-reinforced polyester (FRP)	Fiberglass-reinforced polyester (FRP)
Inlet and outlet	Sch. 40 PVC	Sch. 40 PVC
Float	Polyethylene	ABS
Float cage	FRP plates, PVC	FRP plates, PVC
Quick-disconnect mounting brackets	ABS	FRP, PVC
Latches	No latches	Stainless steel

Specifications

Approximate Dimensions, in. (mm)

	MM4-FRP	MM6-FRP
Total height	71 (1803)	77.5 (1968)
Float cage height	49 (1245)	57 (1448)
Stinger pipe length	23.0 (584)	31.5 (800)
Stinger pipe length (Field-cut option)*	36.0 (914)	40.0 (1016)
Distance between mounting brackets	17.4 (442)	25.4 (645)
Nominal inlet and outlet diameter	4 (100)	6 (150)

*Field-cut stinger pipes are shipped unassembled.