

HR Valves

Application:

Designed for use in all irrigation systems, turf, landscape and agricultural watering projects.

Features:

- Globe and Angle configuration for flexibility in design and installation for 40 and 50mm valves.
- Rugged PVC construction to withstand constant 1033kPa pressure and 19 – 454 LPM.
- Slow closing to prevent water hammer.
- Internal Manual bleed.
- Flow control.
- Accepts latching solenoid for use with battery operated controllers (model: DC/LC E2002).

Operating Range:

- Pressure: 0.7 - 10 BAR.
- Flow: 19 - 454 LPM.



Flow LPM	HR Series Valve Pressure Loss (kPa) Globe					
	HR25	HR25FC	HR40FC Globe	HR40FC Angle	HR50FC Globe	HR50FC Angle
19	13.78	13.78	-	-	-	-
38	13.78	13.78	-	-	-	-
57	13.78	13.78	-	-	-	-
76	20.67	20.67	-	-	-	-
95	34.45	34.45	6.89	6.89	6.89	6.89
114	-	-	6.89	6.89	6.89	6.89
133	-	-	6.89	6.89	6.89	6.89
152	-	-	13.78	6.89	6.89	6.89
170	-	-	20.67	10.33	6.89	6.89
190	-	-	20.67	10.33	6.89	6.89
227	-	-	-	-	10.33	6.89
265	-	-	-	-	13.78	6.89
303	-	-	-	-	17.22	10.33
340	-	-	-	-	20.67	13.78
378	-	-	-	-	20.56	17.22

Not recommended operating range, velocity above 3m/second

Specifications:

- 24VAC cycle solenoid power requirement: 0.41 A inrush current, 0.23 A holding current.
- Ribbed, heavy duty PVC construction for UV resistance and corrosion protection.
- Durable heavy duty moulded diaphragm.

Description	Code
HR 25mm Solenoid Valve BSP port	HR25
HR 25mm Solenoid Valve with flow control	HR25F
HR 40mm Solenoid Valve with flow control	HR40F
HR 50mm Solenoid Valve with flow control	HR50F