

Accessories

Features

- Adjustable flow control design provides greater capacity than most constructions.
- Spring-loaded disc allows free flow in one direction and an ٠ adjustable flow in the other.
- Tapered brass stem controls flow through the cross-hole in the disc. ٠
- Unique locking device in adjusting knob. .
- Scribed graduations provide position indication for the stem. •
- Mountable in any position. •

Construction

Valve Parts in Contact with Fluids						
Body and Stem	Brass					
Seals	NBR					
Disc	CA					
Spring	302 Stainless Steel					
Retainer	17-7PH Stainless Steel					



Nominal Ambient Temperature Ranges:

125°F (52°C) maximum. Refer to Engineering Section for details.

Operation:

When the pawl is in the up position, it creates a friction lock on the knurled bonnet and the knob cannot rotate. When the pawl is at 90° to the knob, the knob can be rotated. Refer to Engineering Section for details.

Specifications (English units)

Dino	Orifico	Cv Flow Factor ①			Maximum Operating Pressure Differential (psi)			
Size (ins.)	Size (ins.)	Meter Flow	Free Flow	Opening Pressure (psi)	Air-Inert Gas, Water, and Light Oil	Max. Fluid Temp. °F	Catalog Number	
1/4	3/8	.22	1.2	1	300	180	V022A1	
3/8	3/8	.90	1.4	1	300	180	V0222	
1/2	7/16	1.2	2.6	1	300	180	V0223	
3/4	17/32	1.6	4.0	2.5	300	180	V0224	
Note: ① Refer to Chart A for Cv vs. Metering Stem Turns.								

Specifications (Metric units)

Pine	Orifice	Kv Flow Factor (m3/h) ①			Maximum Operating Pressure Differential (bar)			
Size (ins.)	Size (mm)	Meter Flow	Free Flow	Opening Pressure (bar)	Air-Inert Gas, Water, and Light Oil	Max. Fluid Temp. °C	Catalog Number	
1/4	10	.2	1.0	0.07	21	82	V022A1	
3/8	10	.8	1.2	0.07	21	82	V0222	
1/2	11	1.0	2.2	0.07	21	82	V0223	
3/4	13	1.4	3.4	0.17	21	82	V0224	
Note: O Refer to Chart & for Curve, Matering Stem Turns								

Note: ① Refer to Chart A for Cv vs. Metering Stem Turns.



Dimensions: inches (mm)

