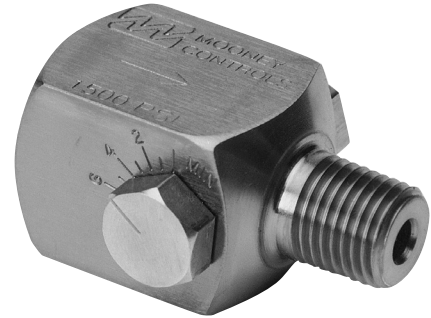


Flowgrid™ Type 24 Restrictor

The **Mooney™** Flowgrid Type 24 Restrictor is an integral part of a pilot system for the Flowgrid regulator. It is usually located in the pilot supply and affects the response rate, stability and sensitivity of the regulator. The restrictor is available in both steel and stainless steel constructions with a stainless steel rotor. The Type 24 Restrictor can be used in many other liquid and gas applications.



Specifications

Pressure Ratings	1500 psig (103.4 barg)
End Connections	1/4" - 18 NPTF
Temperature (Nitrile O-Ring)	Working -20°F to 150°F (-29°C to 65°C) Emergency -40°F to 175°F (-40°C to 79°C)
Temperature (FKM O-Ring)	30°F to 200°F (-1°C to 93°C)

Standard Construction Materials

Body	Carbon Steel AISI 1215 (Zinc Plated) 303 Stainless Steel (Optional)
Rotor Assembly	303 Stainless Steel
O-Ring	Nitrile (Standard) FKM (Optional)

Flow Coefficients and Constants

Type 24 Restrictors	C_1	C_g (min setting/ max setting)	C_v (min setting/ max setting)
Standard Rotor	35	0.75/5.68	0.02/0.18
Large Capacity Rotor	35	1.60/7.3	0.04/0.20

Stock Numbers

Type 24 Restrictor	Stock Number	Weight
Type 24 Steel	24	1/2 lbs (0.2 kg)
Type 24 S Stainless Steel	24S	1/2 lbs (0.2 kg)