

General Description: The Parker NM and NL Series of metering valves provide higher flow rates than the NS Series of metering valves and retain most of the features found in the NS Series.

Features:

- Precisely tapered valve stem accurately controls flow
- Brass or 316 SS forged body construction
- Panel or in-line mounting
- Angle or in-line patterns
- Valve stem threads not in contact with process fluid
- 100% function tested
- Optional stem seals and handles

Specifications:

Pressure Rating at all temperatures:

1000 psig CWP

NM Specifications:

Flow Data:

Orifice: 0.06"

In-line pattern: $C_v = 0.055$; $X_T = 0.41$

Angle pattern: $C_v = 0.057$; $X_T = 0.38$

Stem Taper: 3°

Turns to open: 9 +/- 1

NL Specifications:

Flow Data:

Orifice: 0.13"

In-line pattern: $C_v = 0.207$; $X_T = 0.71$

Angle pattern: $C_v = 0.299$; $X_T = 0.60$

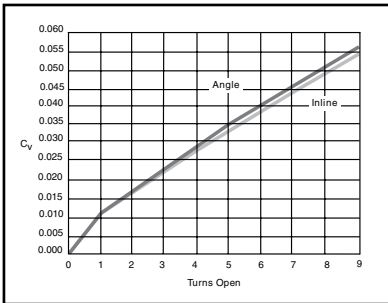
Stem Taper: 5°

Turns to open: 10 +/- 1

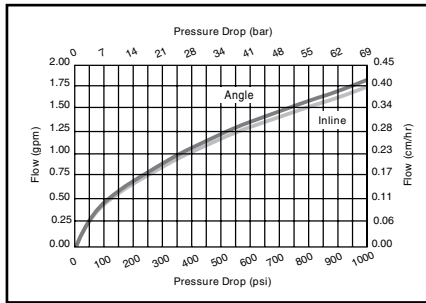
Valve/Seal

Temperature Ratings: Buna-N Rubber:	-50°F to 300°F
Ethylene Propylene Rubber:	-50°F to 300°F
Neoprene Rubber:	-50°F to 300°F
Fluorocarbon Rubber:	-25°F to 400°F
Highly Fluorinated Fluorocarbon Rubber:	-25°F to 200°F

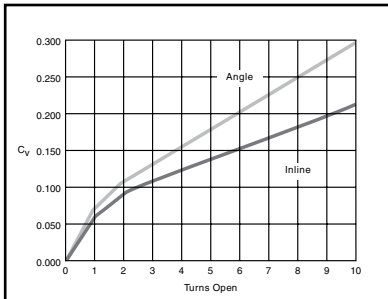
NM Series – C_v vs. Turns Open



NM Series – Water Flow Data



NL Series – C_v vs. Turns Open



NL Series – Water Flow Data

