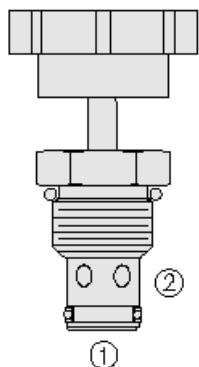




Overview



Description

A screw in, cartridge style, variable orifice, hydraulic flow metering valve.

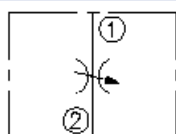
Operation

It is intended for applications requiring fine adjustment over multiple turns.

Features

- Adjustments cannot be backed out of the valve.
- Hardened parts for long life.
- Fine/Low-effort adjustment.
- Linear adjustment.
- Positive shut-off.
- Industry-common cavity.

Symbol



Ratings

Flow Ratings

Flow rating	15 gpm	- Note: At full open (9 turns) 160 psid
Maximum internal leakage	3 drops/min	- Note: Max at shut off

Pressure Ratings

Pressure rating	3500 psi
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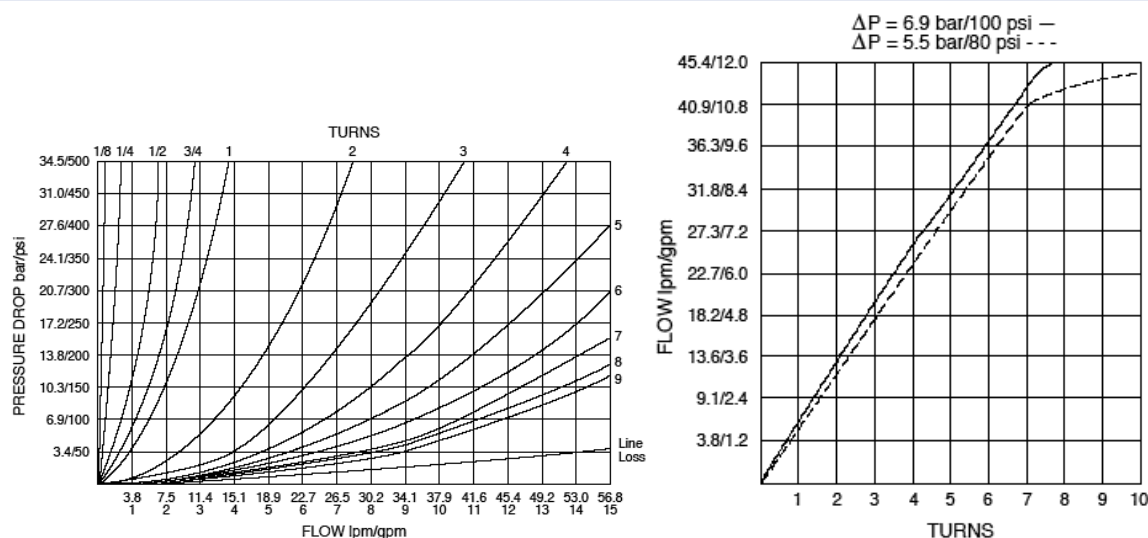
Temperature Ratings

Operating fluid temperature	-40 to 120 °C
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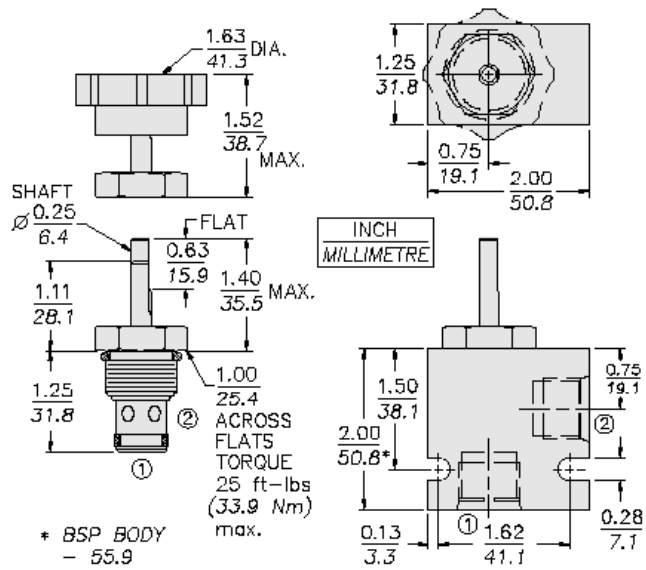
Properties

Operating torque required	7 in-lb	- Note: At 3500 psi
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Performance



Dimensions



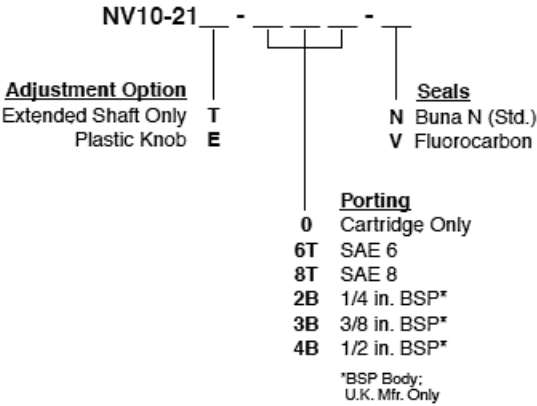
Accessories

Seals

BUNA-N



Order Code



Model Options

NV10-21F-H-J

F Adjustment Option

CODE	DESCRIPTION
E	Plastic Knob
T	Extended Shaft Only

H Line Body

CODE	DESCRIPTION
0	No Body
6T	Aluminum SAE 6
8T	Aluminum SAE 8
6TD	Ductile Iron SAE 6
8TD	Ductile Iron SAE 8
2B	Aluminum BSPP 1/4" (2)
3B	Aluminum BSPP 3/8" (3)
4B	Aluminum BSPP 1/2" (4)
4BD	Ductile Iron BSPP 1/2" (4)

J Seal

CODE	DESCRIPTION
N	Buna-N
V	Fluorocarbon
P	Polyurethane
U	PPDI Urethane