

NEEDLE VALVES - STRAIGHT PATTERN

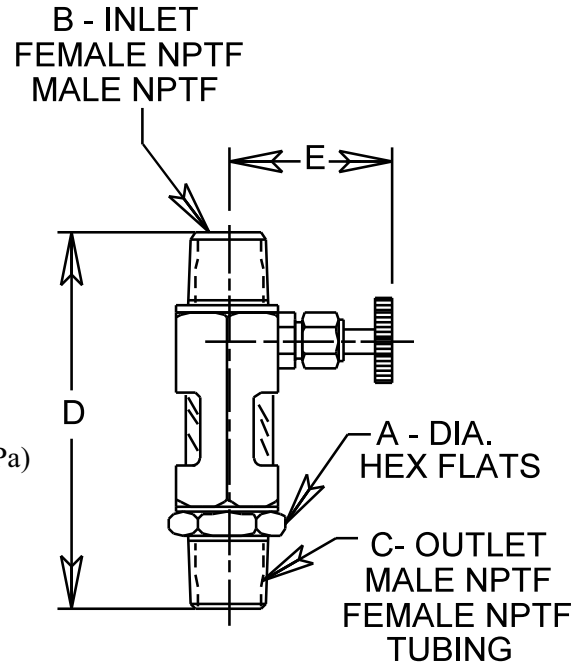
Sight pattern valves are ideally suited for vertical inline installation requiring controlled visible fluid metering. Knurled wheel provides for smooth, accurate adjustments of flow rate. Drip feed rate is adjustable from full orifice flow to complete shut-off. Flow is readily visible through large sight window. Pressure units supplied with non-vented sights. Gravity flow units supplied with vented sights. Vacuum application is available (requires modification) - **Please specify.**

STANDARD MATERIALS:

- Precision machined from brass bar stock.
- Buna N seals.
- Gage glass sight.
- Pipe threads are dryseal

OPERATING CONDITIONS:

- Maximum working pressure up to 125 PSI (861.9 kPa) to orifice



**MODIFICATIONS AVAILABLE-MADE TO ORDER-CONSULT OUR FACTORY.
(MINIMUM ORDER MAY BE REQUIRED)**

CATALOG NUMBER		A - HEX [ORIFICE]	B - INLET	C - OUTLET	D INCHES (mm)	E INCHES (mm)
GRAVITY	PRESSURE					
N102-01	-	.81 Inches (20.57 mm) [.094 Inches] [2.39 mm]	1/8 M	1/8 M	3.03 (76.96)	1.50 (38.10)
N102-02	N102-12		1/4 M	1/4 M	3.41 (86.61)	
N102-03	-		1/8 F	1/8 F	2.72 (69.09)	
N102-04	N102-14		1/4 F	1/4 F	2.97 (75.44)	
N102-06	-		1/4 M	1/4 T	3.44 (87.38)	
N103-01	-	.94 Inches (23.88 mm) [.109 Inches] [2.77 mm]	3/8 M	3/8 M	3.56 (90.42)	1.75 (44.45)
N103-02	-		3/8 F	3/8 F	3.25 (82.55)	
N104-01	-	1.06 Inches (26.92 mm) [.152 Inches] [3.86 mm]	1/2 M	1/2 M	3.94 (100.08)	1.75 (44.45)
N104-02	-		1/2 F	1/2 F	4.62 (117.35)	



Lube Devices • Flodar • Hydra-Tool • Vescor
1864 Nagle Ave. P. O. Box 1810
Manitowoc, WI 54221-1810
Phone: (920) 682-6877 Fax: (920) 684-7210
E-MAIL: sales@ldi-industries.com WEBSITE: www.ldi-industries.com

6/05

NEEDLE VALVES -
STRAIGHT PATTERN
BULLETIN F307
ISO9001:2000 CERTIFIED