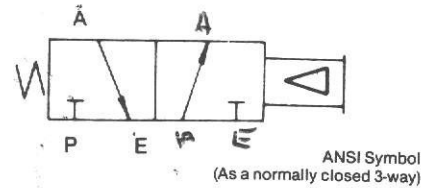


SPECIFICATIONS

CHARACTERISTICS		NVSA 3115	NVSA 3125	NVSA 3135	NVSA 3145
C_v Rating	1/8" NPTF	0.80	0.69	—	—
	1/4" NPTF	1.10	0.83	—	—
	3/8" NPTF	—	—	2.58	—
	1/2" NPTF	—	—	2.58	4.17
	3/4" NPTF	—	—	—	4.50
Spool Stroke In (mm)		0.126 (3.2)	0.177 (4.5)	0.197 (5.0)	0.386 (9.8)
Pilot Pressures* PSIG (Kgf/cm ²)					
1. To start spool shifting	12 (0.8)	12 (0.8)	5 (0.3)	5 (0.3)	
2. To shift spool fully	25 (1.7)	25 (1.7)	10 (0.7)	10 (0.7)	
3. Maximum Permissible	100 (6.7)	125 (8.3)	125 (8.3)	125 (8.3)	
Media:	Air (lubricated or oil-free), any non-flammable, non-toxic, non-corrosive gasses except oxygen.				
Leakage:	Port to port (internal) not to exceed 0.030 cubic feet per minute at 100 PSIG (6.7 Kgf/cm ²).				
Operating Pressures:	28" Vacuum to 300 PSIG (20 Kgf/cm ²)				
Materials:	All housing parts aluminum die castings. Spool and sleeve 440F stainless steel, heat treated to 58-62 Rockwell C, and passivated. Sleeve O-rings Buna N. Spacer and spring seat Delrin. Bumper urethane rubber.				
Maximum Ambient Temperature:	140°F. (60° C.)				
*Note: These pilot pressures apply only to clean, well lubricated valves.					



MULTI-PURPOSE APPLICATIONS

FOR USE AS:	PORT "A"	PORT "P"	PORT "E"
2-Way Normally Closed	Outlet	Supply	Plug
2-Way Normally Open	Outlet	Plug	Supply
3-Way Normally Closed	Outlet	Supply	Exhaust
3-Way Normally Open	Outlet	Exhaust	Supply
Diverter	Supply	Outlet	Outlet
Two-pressure selector	Outlet	Supply 1	Supply 2

HOW TO ORDER

This model number is a coded number which describes all available options.

NVSA 3 1 1 5 - 01 N

Valve Size

- 1 = Class 1
- 2 = Class 2
- 3 = Class 3
- 4 = Class 4

Mounting Style

- 4 = Valve unit only (NVSA3114 only; see page 7)
- 5 = Foot mounting; pipe tap in body

Porting

- 00 = Manifold mounting (NVSA 3114)
- 01 = 1/8" NPTF (VSA 3115, 3125)
- 02 = 1/4" NPTF (NVSA 3115, 3125)
- 03 = 3/8" NPTF (NVSA 3135)
- 04 = 1/2" NPTF (NVSA 3135, 3145)
- 06 = 3/4" NPTF (NVSA 3145)

Optional Features

- N = with Recessed non-locking operator
- O = without Manual operator

NVSA 3135, 3145 only

- H = Internal pilot connection in junction box, recessed non-locking operator
- S = Internal pilot connection in junction box, no operator