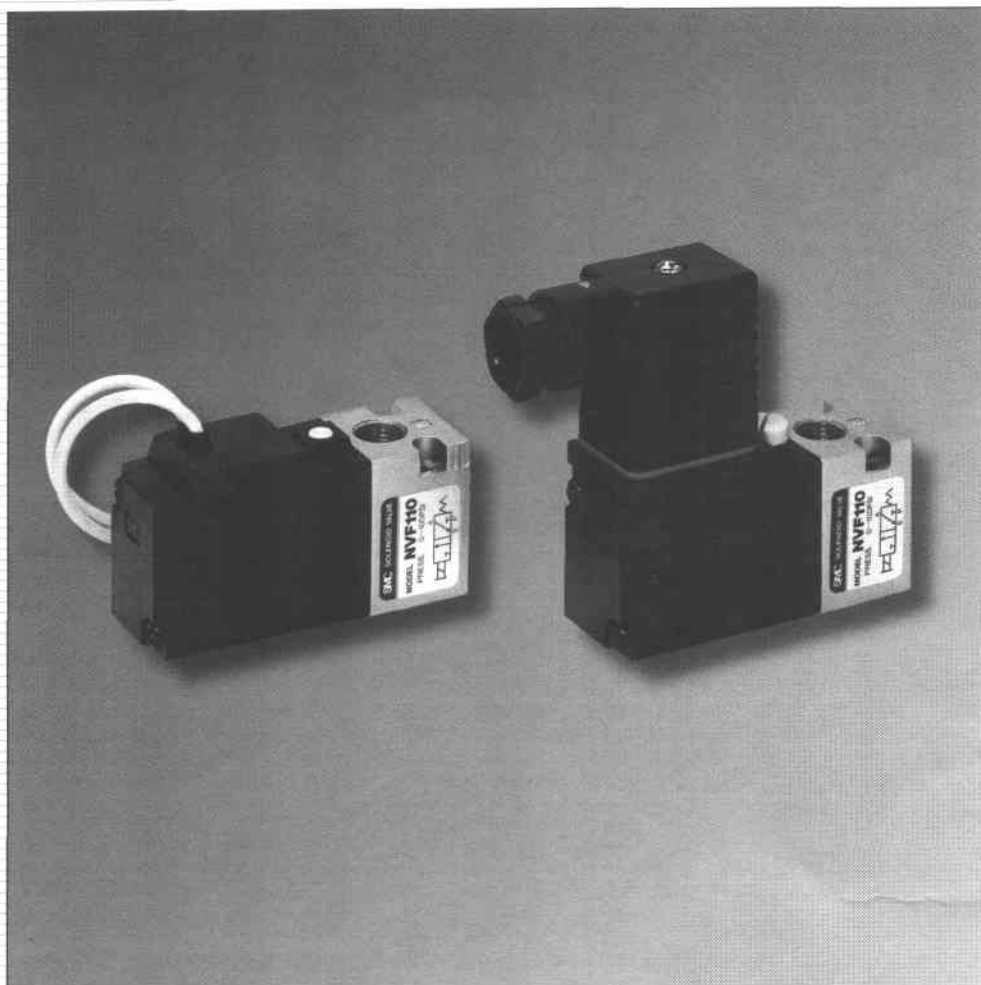




3 Way • 3 Port

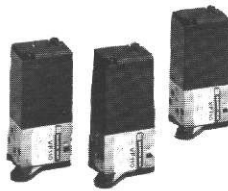
NVF110 Series

Direct Solenoid Operated



Cv 0.055 (0~100 PSI); 0.05 (0 ~150 PSI)
Port Size 1/8" NPTF (Standard)
High Speed Response Time - 8mSec.
Normally Closed

SPECIFICATIONS



CHARACTERISTICS			
Port Sizes (NPTF)		10-32 P&E; 10-32 or 1/8" A	
Operating Pressure		0 ~ 100 PSI; 0 ~ 150 PSI (H)	
Proof Pressure		225 PSIG (15 Kgf/cm ²)	
Operating Temperature		14-140°F (- 10 to + 60°C)	
Power Consumption	AC	Inrush	5.6 VA (50 Hz), 5.0 VA (60 Hz)
		Holding	3.4 VA (50 Hz), 2.3 VA (60 Hz)
	DC		1.8 W
C _v		0.055 , 0.05 (H Type)	
Body Material		Aluminum Die Cast	
Cycle Rate		25 CPS	
Response Time		Less than 8m Sec. (AC-DC)	
Actuation		N.C. Only	

The Series NVF110 is a 3-way direct solenoid operated valve which is designed such that when energized, the solenoid plunger is pulled off a "seat" allowing air to flow to the output port. When the solenoid is de-energized the plunger returns and air from the "A" port is diverted to the exhaust port.

HOW TO ORDER

NVF110 H - 5 D Z ○ - 01T - F

Operating Pressure
 _ ~ 0 ~ 100 psi (C_v0.055)
 * H ~ 0 ~ 150 psi (C_v0.05)

Solenoid Type
 * 1 - 100 VAC
 * 2 - 200 VAC 5 - 24 VDC
 * 3 - 110 VAC 6 - 12 VDC
 * 4 - 220 VAC 9 - OTHERS

Electrical Connection
 G - 12" Lead (Std.)
 D - DIN
 * E - Terminal
 * T - Conduit Terminal
 * H - 24" Lead

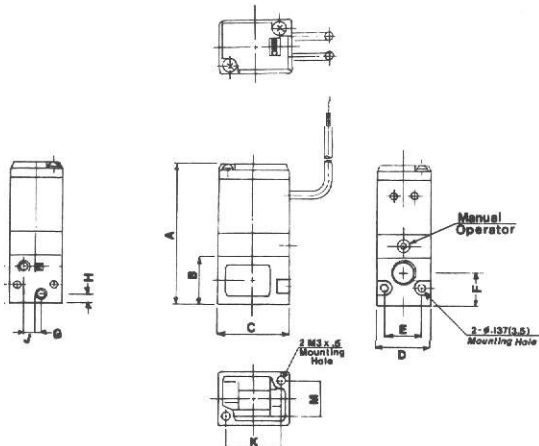
Lamp and Surge Protection
 Z - w/Lamp/Surge Protection
 S - w/Surge Protection Only

Options
 _ - None
 F - Foot Bracket
 _ - R (PT), Metric*
 T - NPTF (Std.)
 N - NPT*
 F - PF*

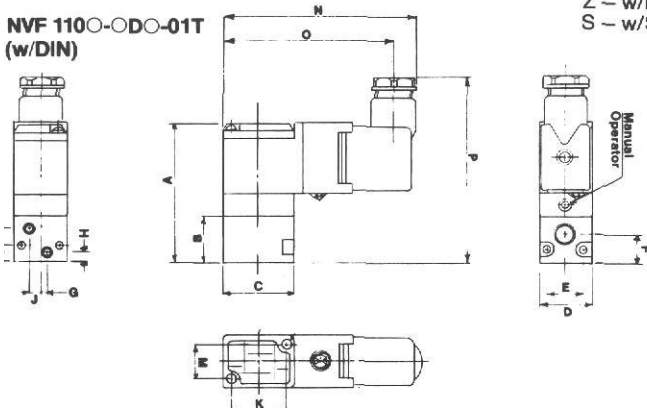
Porting
 01 - 1/8" (A) (Std.)
 † M5 - NOM 10-32

Manual Override
 _ - Recessed, Non-locking (Std.)
 B - Locking
 * Special Order option
 † Consult factory for availability

NVF 110○-○G-01T

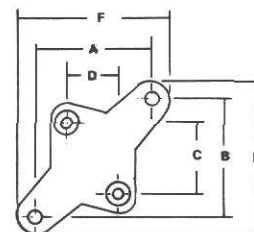


**NVF 110○-○D○-01T
(w/DIN)**



BRACKET (Suffix "F")

Part #AXT626-10A



DIMENSIONS

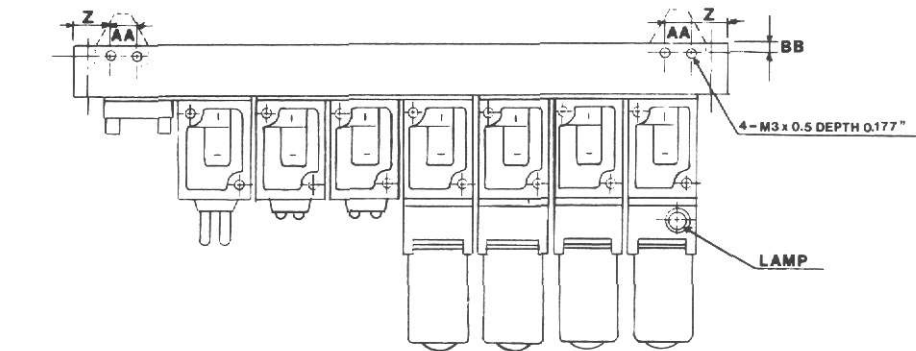
A	B	C	D	E	F
1.35 (34.4)	1.34 (34.1)	0.61 (15.4)	0.83 (21)	1.76 (44.7)	1.77 (44.9)

Millimeters in Parentheses

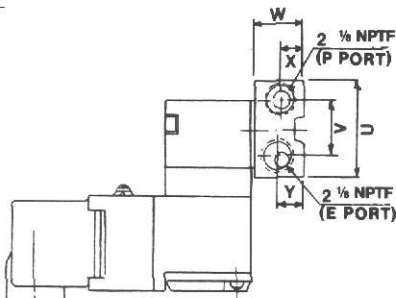
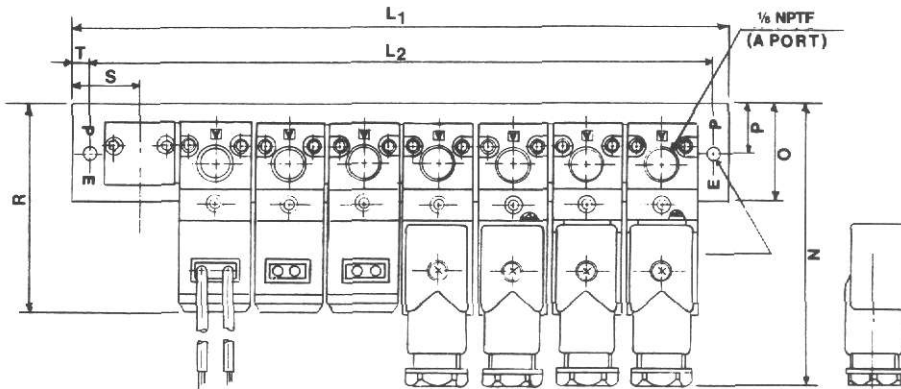
MENSIONS

A	B	C	D	E	F	G	H	J	K	M	N	O	P	Q	R
.55 (4.7)	0.83 (21)	1.18 (30)	0.89 (22.6)	0.67 (17)	0.53 (13.5)	0.04 (1)	0.22 (5.5)	0.24 (6)	0.83 (21)	0.61 (15.4)	3.17 (80.5)	2.81 (71.5)	3.37 (85.5)	0.31 (8)	0.55 (13.9)

Millimeters in Parentheses



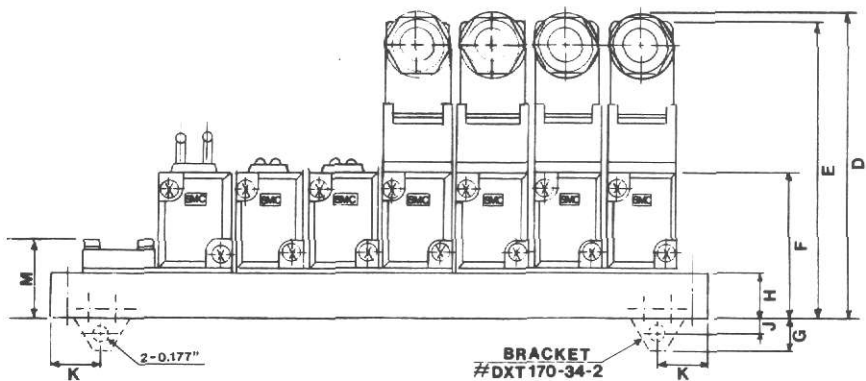
Manifold gaskets: VV100-3-1 (2-sta.)
VV100-3-2 (3-sta.)
Mounting screws: AXT624-26
(included with manifold bar)
Blank station kit: VVF100-02



MANIFOLD DIMENSIONS

No. of Stations	L ₁	L ₂
2	2.58 (65.5)	2.19 (55.5)
3	3.50 (89)	3.11 (79)
4	4.43 (112.5)	4.04 (102.5)
5	5.35 (136)	4.96 (126)
6	6.28 (159.5)	5.89 (148.5)
7	7.36 (187)	6.81 (173)
8	8.13 (206.5)	7.74 (196.5)
9	9.06 (230)	8.66 (220)
10	9.98 (253.5)	9.59 (243.5)
11	10.91 (277)	10.51 (267)
12	11.83 (300.5)	11.44 (290.5)
13	12.76 (324)	12.36 (314)
14	13.68 (347.5)	13.29 (337.5)
15	14.61 (371)	14.21 (361)

Maximum 15 Stations
Millimeters in Parentheses



HOW TO ORDER

NVV3F1-30-001-01T-F

No. of Stations
02
1
15

Options
— None
F — Mounting Brackets
Porting
01 — 1/8" NPTF

To order assembled manifold and valves:
Ex. Six station manifold ass'y:
sta. 1-4) NVF110-5G-01T
sta. 5-6) NVF110-3G-01T
NVV3F1-30-061-01T

DIMENSION

D	E	F	G	H	J	K	M	N	O	P	R	S	T	U	V	W	X	Y	Z	AA	BB
3.78 (96)	3.41 (86.5)	1.77 (45)	0.39 (10)	0.59 (15)	0.20 (5)	0.63 (16)	1.02 (26)	3.50 (89)	1.18 (30)	0.59 (15)	2.76 (70)	0.87 (21)	0.20 (5)	1.18 (30)	0.67 (17)	0.59 (15)	0.32 (8)	0.28 (7)	0.47 (12)	0.32 (8)	0.12 (3)

Millimeters in Parentheses

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