

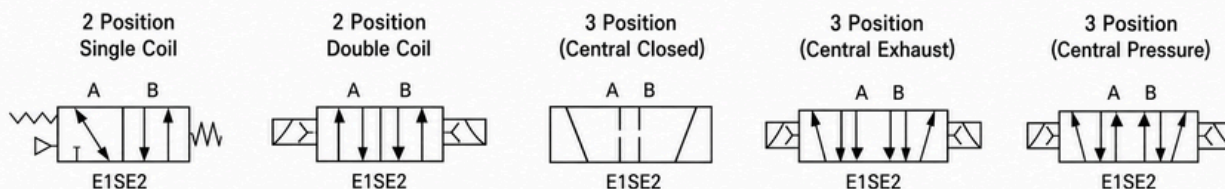
Common specifications

Item	Specification
Fluid	Air (to be filtered by 40 µm filter element)
Environment and fluid temperature	20 ~ 70 °C
Lubrication	Not required
Manual operation	Screwdriver lock type
Shock / vibration resistance	30G / 5G (8.3 ~ 2000Hz)
Seal up	Dust prevention

Electromagnetic coil specifications

Item		Specification
Connection mode		Direct grommet (G), DIN terminal (D)
Standard voltage		AC: 110V, 220V (50Hz) DC: 12V, 24V
Allowable voltage variation range		Rated voltage: -15% ~ +10%
Insulation over voltage		Class B or same class
Power consumption	AC	Start-up: 5.6VA, Holding: 3.4VA
	DC	1.8W / 2W (with indicator light)
Surge suppressor		AC: Varistor, DC: Diode
Indicator light		AC: Neon lamp, DC: Light-emitting diode

SYMBOL



ORDERING CODE

VF3	130	4	G	B	02
Model	Valve type	Voltage	Conductor form	Manual operation	Port size
5/2, 5/3 way Solenoid valve		3 110VAC	G Direct grommet		02 1/4"
130 Single air control 5/2 way		4 220VAC	D Terminal		
230 Double air control 5/2 way		5 24VDC	DZ Terminal with lamp		
330 Double air control 5/3 way closed center		6 12VDC			
430 Double air control 5/3 way exhaust center					
530 Double air control 5/3 way pressure center					

SPECIFICATION

Model Model	Position	Xb-so Position	Electromagnetic coil	Operating pressure range kgf ² (MPa)	Response time (millisecons)	Maximum operating frequency (Times per second)	Port size Cv Valve	Weight (Kgf)
VF3130-□△B-02	2	2	Single coil	1.5 to 9 (0.15 - 0.9)	30 or below	5	1/4"	0.21
VF3230-□△B-02	2	2	Double coil	1 to 9 (0.1 - 0.9)	30 or below	5	1/4"	0.29
VF3330-□△B-02	3	3	Double (closed center)	1 to 9 (0.1 - 0.9)	50 or below	3	1/4"	0.42
VF3430-□△B-02	3	3	Double (exhaust center)	1 to 9 (0.1 - 0.9)	50 or below	3	1/4"	0.42
VF3430-□△B-02	3	3	Double (pressure center)	1 to 9 (0.1 - 0.9)	50 or below	3	1/4"	0.42
VF3530-□△B-02	3	3	Double (pressure center)	1 to 9 (0.1 - 0.9)	50 or below	3	1/4"	0.42

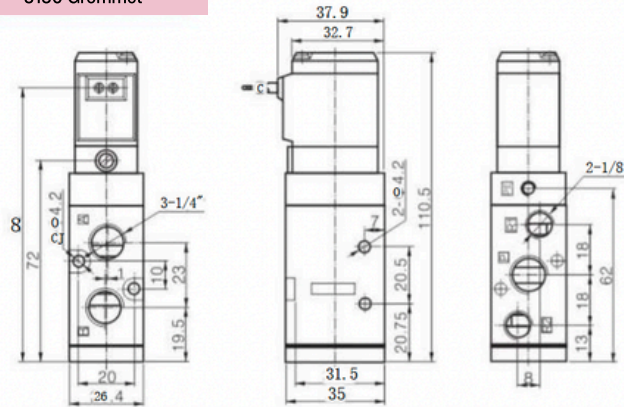
Note: This product conforms with ISO 1179 1 standard and the ISO 228-1 standard.

VF3000 Series Solenoid Valve (5/2 Way, 5/3 Way)

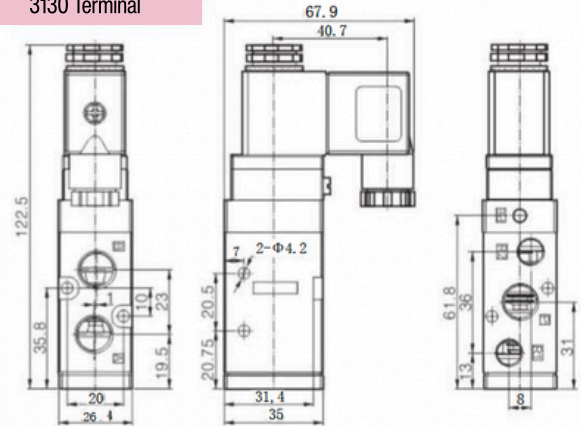
ViDOAIR™
PNEUMATICS

DIMENSIONS

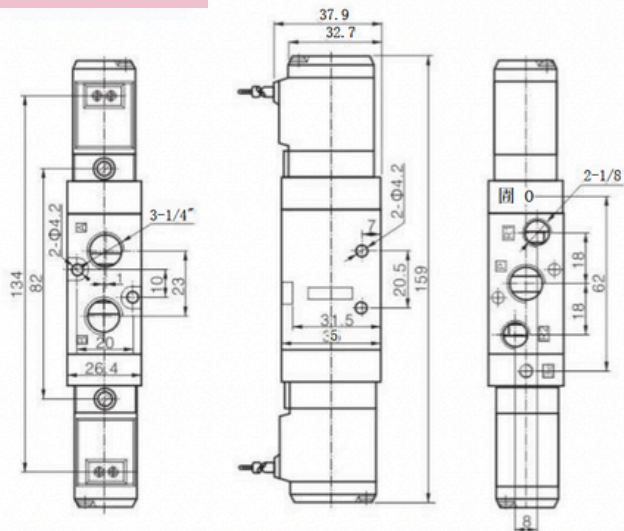
3130 Grommet



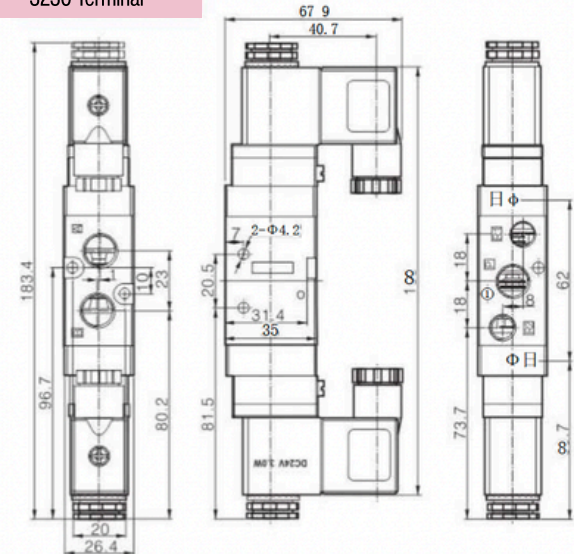
3130 Terminal



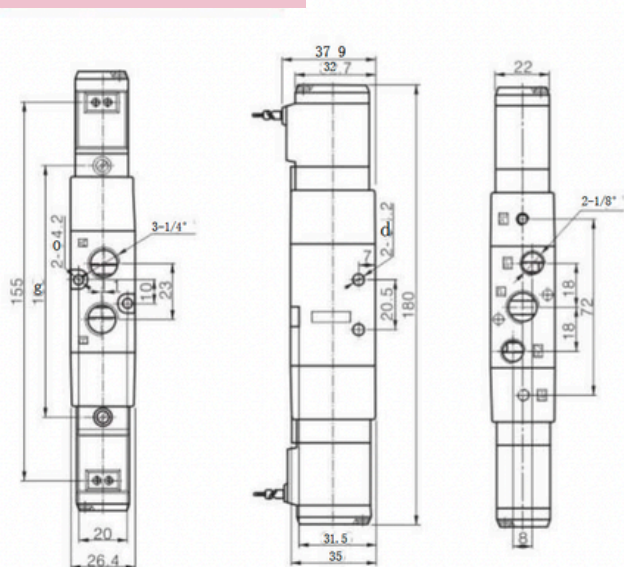
3230 Grommet



3230 Terminal



3330 / 3430 / 3530 Grommet



3330 / 3430 / 3530 Terminal

