Related Products

Conforming to OSHA Standard Pressure Relief 3-Port Valve with Locking Hole

VHS 20/30/40/50

Manually operated valve can be used to prevent accidents caused by residual pressure in pneumatic lines.

The supply/exhaust status of the air flow can be verified at a glance in the indicating window

SUP : Supply

EXH: Exhaust

to inadvertent air supply. When in the exhaust position, the n the exhaust position, the nay be padlock secured.

Prevents accidental start-ups while personnel are cleaning or servicing equipment.

Can prevent accidents due

OSHA standard

For safety control, OSHA rule requires energy sources for certain equipment be turned off or disconnected and that the device either be locked or labelled



Combination with a modular style FRL is possible.

	AC20	AC25	AC30	AC40	AC50
VHS20					
VHS30					
VHS40					
VHS50					
	ce part is requi		or spacer with br	racket shown in	the table below is

Pressure relief 3-port valve	Interface P/N	Spacer with bracket P/N	Applicable air preparation equipment						
VHS20	VHS20 Y200 Y200T AC20								
VHS30	Y300	Y300T	AC25, AC30						
VHS40	Y400	Y400T	AC40						
VHS40-06	Y500	Y500T	AC40-06						
VHS50	Y600	Y600T	AC50, AC60 Note)						
Note) Although connection to AC60 is possible, the flow rate may decrease due									

Locations in North America



Locations Worldwide!

The Americas

Argentina	■ Bolivia	Brazil	Canada
■ Chile	■ Mexico	■ U.S.A.	Venezuela
Europe			
Austria	■ Bulgaria	■ Croatia	■ Czech
Denmark	■ Estonia	Finland	■ France
Germany	■ Hungary	■ Ireland	Italy
Latvia	Lithuania	Netherlands	Norway
Poland	■ Romania	Russia	Slovakia
Slovenia	Sweden	■ Spain/Portugu	al
Switzerland	■ U.K.		

ASIA			
China	Hong Kong	■ India	Japan
Malaysia	Philippines	South Korea	Singapore
■ Taiwan	Thailand		

Oceania

■ New Zealand Australia



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Soft Start Up Valve With Lock Out



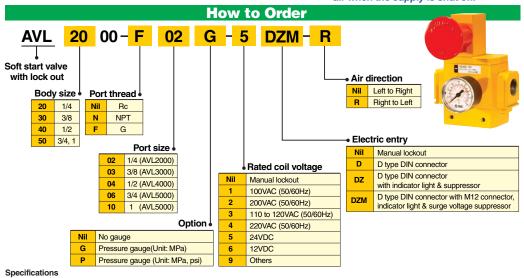
Series AVL2000/3000/4000/5000



- Large effective area Low power consumption
- Manual/Manual solenoid lock out Modular design

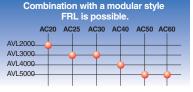
AVL2000/3000/4000/5000

O.S.H.A compliant-lockable soft start valve. Gradual increase of supply pressure and rapid exhaust of system air when the supply is shut off.



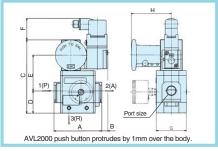
Model				AV2000	AV3000	AV5	AV5000			
Port size				1/4	3/8	1/2	3/4	1		
Proof pressure				22	5psi (1.5MP	a)				
0	perating p	ressu	re range		30 to 15	50psi (0.2 to	1MPa)			
Aı	mbient and	fluid t	emperature		32 to	140°F (0 to	60°C)			
	fective	1(F) to 2(A)	20	37	61	113	122		
ar	ea (mm²)	2(A) to 3(R)	24	49	76 132		141		
Weight manual/solenoid (Kg/lb)				0.64 (1.14)	0.74 (1.63)	1.00 (2.21) 1.90 (4.19)		1.84 (4.06)		
Weight manual (Kg/lb)			0.52 (1.15) 0.62 (1.37) 0.88 (1.94) 1.78 (3.93) 1.72 (3.73)							
٦	Rated coi	l volt	age	100, 200, 110 to 120, 220VAC (50/60Hz), 12, 24VDC						
Allowable voltage fluctuation Coil insulation type Current consumption AC Inrush Energized Current consumption DC Electric entry				-15% to +10% of rated voltage						
ilice	Coil insul	ation	type	Equivalent to B type [266°F (130°C)]						
Sec	Current	AC	Inrush	5.6V (50Hz), 5.0VA (60Hz)						
SE	consumpti	on A	Energized	3.4VA (2.1W) 50Hz, 2.3VA (1.5W) 60Hz						
Ţ	Current consumption DC			1.8W						
ec	Electric entry			Type D DIN Terminal, M12 connector						
						Surge voltage suppressor				

75 (0.5) 80 (0.4) 90 30 (0.2) 15 (0.1) 15 30 45 60 75 90 105 120 135 150 (0.1) (0.2) (03) (0.4) (0.5) (0.6) (0.7) (0.8) (0.9) (1.0) Inlet pressure psi (MPa)



Dimension AVL2000 to AVL5000

Simonoidi Av 22000 to Av 20000									
Model	Port size	Α	В	С	D	Е	F	G	Н
AVL2000-*02	1/4	67	-	111	31	55	ı	40	64 (Max. 73)
AVL2000-*02-*DZM	1/4	67	20.5	111	31	55	34	40	64 (Max. 73)
AVL3000-*03	3/8	76	-	118	36	57	-	48	64 (Max. 73)
AVL3000-*03-*DZM	3/8	76	12.5	118	36	57	34	48	64 (Max. 73)
AVL4000-*04	1/2	98	-	133	47	61	-	52	64 (Max. 73)
AVL4000-*04-*DZM	1/2	98	-	133	47	61	34	52	64 (Max. 73)
AVL5000-*06 to 10	3/4 & 1	128	-	161	59	77	-	74	64 (Max. 73)
AVL5000-*06 to 10-*DZM	3/4 & 1	128	-	161	59	77	34	74	64 (Max. 73)



Dimension AC20* to AC60* Model Δ3 A2 AC20* 41.5 43 67.5 AC25 78 55 57 AC30* 55 78 57 100.5 AC40 72.5 75 AC503 93 96 131 AC55* 98 96 131 131 AC60' 101

