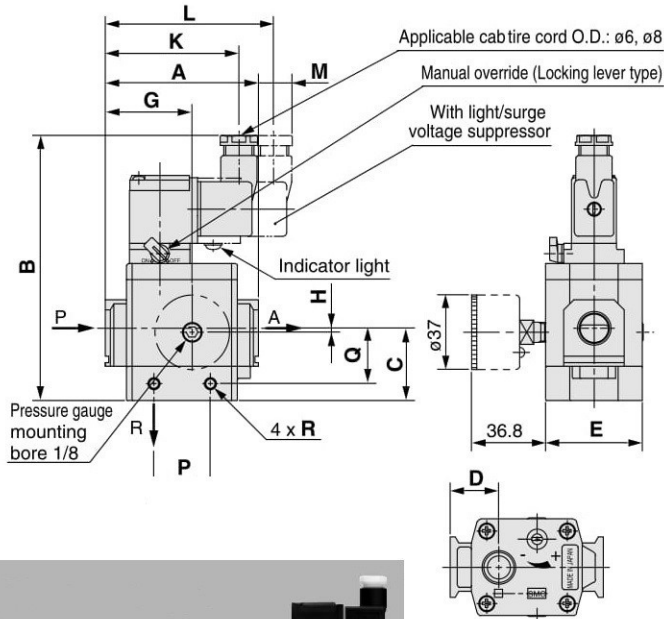


## Dimensions

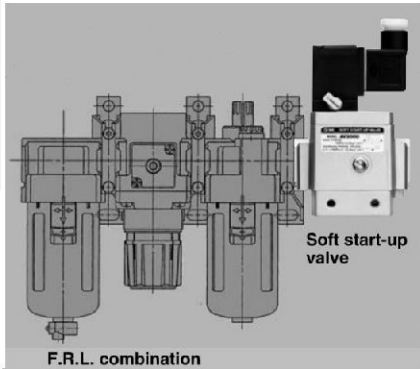
DIN terminal: TAV □00-□-□D, DZ

DIN terminal for European use: TAV □00-□-□Y, YZ



Type D DIN terminal

Model	Port size	A	B	C	D	E	G	H	I	K	L	M	N	P	Q	R
TAV2000-02-D	1/4	66	125	31	22	40	38	0	—	65.5	—	6	—	29	23.5	M4 x 0.7 Depth 4.5
TAV2000-02-DZ										—	80.5	23				
TAV4000-04-D	1/2	98	147	47	32	52	57	3	—	78.5	—	—	—	42	37	M6 x 1 Depth 6
TAV4000-04-DZ										—	95.5	6				
TAV4000-04-Y	1/2	98	147	47	32	52	57	3	—	82.5	—	—	—	42	37	M6 x 1 Depth 6
TAV4000-YZ										—	99.5	10.5				



## Specifications

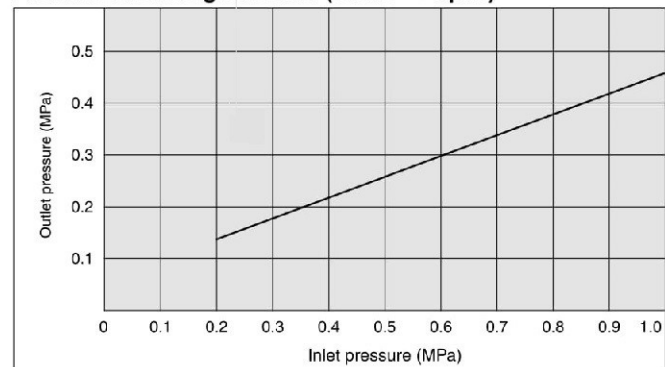
Model	TAV2000	TAV3000	TAV4000	TAV5000		
Port size	1/4	3/8	1/2	3/4	1	
Proof pressure	1.5 MPa					
Operating pressure range	0.2 to 1 MPa					
Pressure gauge port size	1/8					
Ambient and fluid temperature	0 to 60°C (1)					
Effective area (mm <sup>2</sup> )	1(P) → 2(A)	20	37	61	113	122
	2(A) → 3(R)	24	49	76	132	141
Mass (kg)	0.27	0.48	0.74	1.60	1.54	

Electrical specifications	Rated coil voltage	100, 200, 110 to 120, 220 VAC (50/60 Hz), 240 VAC (50/60 Hz) 12, 24 VDC					
	Allowable voltage fluctuation	-15 to +10% of rated voltage					
	Coil insulation type	Equivalent to B type (130°C)					
	Apparent power (Current consumption) AC	Inrush	5.6 VA (50 Hz), 5.0 VA (60 Hz)				
		Energized	3.4 VA (2.1 W)/50 Hz, 2.3 VA (1.5 W)/60 Hz				
	Current consumption DC	1.8 W					
Electrical entry	Grommet, Type D DIN terminal, Type Y DIN terminal						
Option specifications	Indicator light/Surge voltage suppressor (2)						
Pilot valve manual override	Non-locking push type (Flush), Locking type (Tool required), Locking type (Lever)						

Note 1) Use dry air when operating at a low temperature.

Note 2) The grommet type is equipped with a surge voltage suppressor (direct coupling type lead wire), but not an indicator light.

Piston B Switching Pressure (Close → Open)



Needle Valve Flow Characteristics

