

Air valve(5/2 way \ 5/3 way)

7A Series



7A



Specification

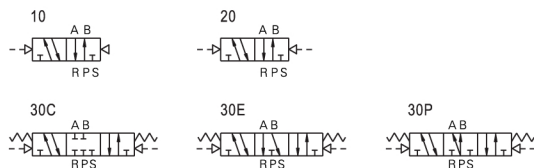
Model	7A110-06	7A120-06	7A130-06	7A210-08	7A220-08	7A230-08
Port size ①	In=Out=Exhaust=1/8"			In=Out=1/4" Exhaust=1/8"		
Model	7MA110	7MA120	7MA130	7MA210	7MA220	7MA230
Orifice size	9.5mm ²		8.0mm ²	14.0mm ²		11.0mm ²
Cv value	0.55		0.48	0.83		0.65
Valve type	5 port 2 position		5 port 3 position	5 port 2 position		5 port 3 position
Weight	65g	75g	85g	105g	120g	130g
Fluid	Air(to be filtered by 40 μ m filter element)					
Acting	Exterior control					
Operating pressure	0.15~0.8MPa(21~114psi)					
Proof pressure	1.5MPa(215psi)					
Temperature °C	-20~70					
Material of body	Aluminum alloy					
Lubrication ②	Not required					
Max. frequency ③	5 cycle/sec		3 cycle/sec	5 cycle/sec		3 cycle/sec

① PT thread、NPT thread and G thread are available.(Except 7MA series).

② Once lubricated air is used, continue with same medium to optimise valve life span. Lubricants like ISO VG32 or equivalent are recommended.

③ The maximum actuation frequency is in the no-load state.

Symbol

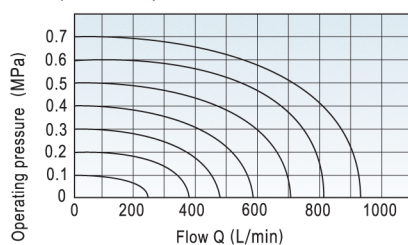


Product feature

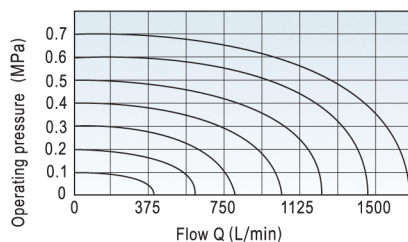
1. Collective exhaust type. exhausting air through R and S.
2. Aluminium alloy die-casting body, Improved internal structure for larger flow rate.
3. Tubing options allow direct tubing(7A) on the valves or manifold mount (7MA)for space saving.
4. Option '7MA' is used with valve sub base.

Flow chart

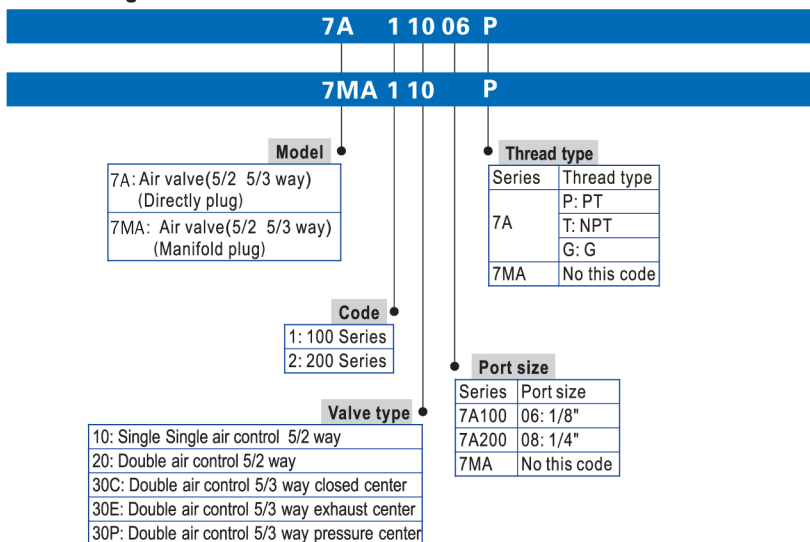
Model: 7A110-06、7MA110



Model: 7A210-08、7MA210



Ordering code



Please refer to P80 for manifold specification and the order way.