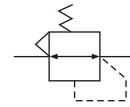


Symbol



Ordering code

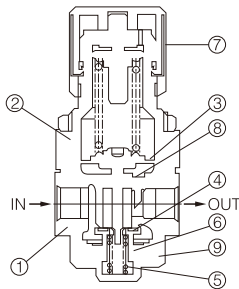
AR	Model
AR	A Series regulator

2000	02
Series code	Port size
1000	1000 Series
2000	2000 Series
3000	3000 Series
4000	4000 Series
5000	5000 Series
M5	M5
02	1/4"
03	3/8"
04	1/2"
06	3/4"
10	1"

Specification

Model	AR1000-M5	AR2000-02	AR3000-02	AR3000-03	AR4000-03	AR4000-04	AR4000-06	AR5000-06	AR5000-10
Port size	M5×8	1/4"	1/4"	3/8"	3/8"	1/2"	3/4"	3/4"	1"
Pressure gauge size	1/16"	1/8"	1/8"	1/8"	1/4"	1/4"	1/4"	1/4"	1/4"
Rated flow (L/min)	100	550	2500	2500	6000	6000	6000	8000	8000
Proof pressure	1.5MPa{15.3kgf/cm ² }								
Max. pressure	1.0MPa{10.2kgf/cm ² }								
Temperature range	5~60℃								
Pressure range	AR1000: 0.05-0.7MPa(0.51~7.1kgf/cm ²); AR2000~5000: 0.05~0.85MPa(0.51~8.7kgf/cm ²)								
Valve type	With overflow								
Weight(kg)	0.08	0.27	0.41	0.41	0.84	0.84	0.94	1.19	1.19

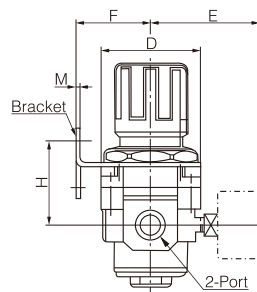
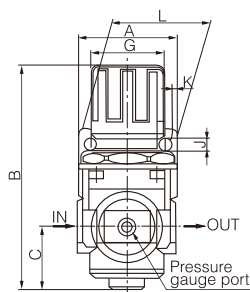
Inner structure



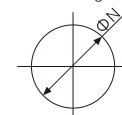
Main parts

No.	Parts name	Material		
		AR1000	AR2000~3000	AW4000~5000
1	Valve body	Zinc die casting	Aluminum die casting	
2	Valve cover	Reinforced Nylon		Aluminum die casting
3	Film	Rubber		
4	Valve core	Brass, Rubber		
5	Spring	Stainless steel		
6	O-ring	Rubber		
7	Hand wheel	Reinforced nylon		
8	O-ring	Rubber		
9	O-ring	Rubber		

Dimensions



Panel cutting hole



AW1000: Max thickness 3.5
AW2000: Max thickness 5

Model	Port size	A	B	C	D	E	F	G	H	J	K	L	M	N
AR1000	M5×0.8	30	61.5	11	25	26	25	28	30	4.5	6.5	40	2.0	20.5
AR2000	1/4"	40	95	17	40	56.8	30	30	45	5.4	15.4	55	2.3	33.5
AR3000	1/4"-3/8"	53	127.5	35	53	60.8	41	41	46	6.5	8.0	53	2.3	42.5
AR4000	3/8"-1/2"	70	149.5	37.5	70	65.5	50	50	54	8.5	10.5	70	2.3	52.5
AR4000-06	3/4"	75	154.5	40.5	70	69.5	50	50	56	8.5	10.5	70	2.3	52.5
AR5000	3/4"-1"	90	168	48	90	75.5	70	70	65.8	11	13	90	3.2	52.5