EAR3000
Regulator

Specifications

Model	EAR3000-02	EAR3000-03	EAR3000-04
Working Medium	Clean Air(after 40 μ m filtration)		
Guaranteed Pressure(MPa)	1.5		
Max. Working Pressure(MPa)	1.0		
Pressure Adjustment Range(Mpa)	0.15~0.9,Low pressure type 0.15~0.4		
Working Temperature(℃)	-5~60 (No freezing)		
Weight(g)	393	387	380

How to Order?

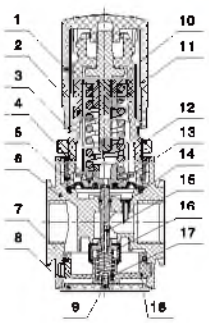
Series No.	—	Port Size	Type No.	Pressure Gauge	Pressure Gauge Type	Bracket Code	Scale Unit	—	Thread Type
EAR3000:EA3000 series Regulator		02: 1/4" 3000 03: 3/8" 04: 1/2"	Blank: Standard type L: Low pressure type①	Blank: With pressure gauge N: No pressure gauge	F:Square pressure gauge Y:Round pressure gauge②	Blank: With bracket J: No bracket	③ Square pressure gauge optional: 1: MPa, 2: Bar, 3: Psi Round pressure gauge optional: 4: Mpa/Psi, 5: Bar/Psi		Blank: G P : PT T : NPT

Order Example:

EA series Regulator, port size of 1/2", low pressure type, with square pressure gauge, with bracket, Mpa, G thread,
the ERF code is: EAF3000-04LF1

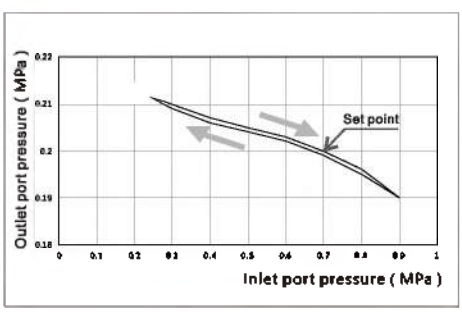
Remark:①Max pressure adjustable for low pressure type is 0.4Mpa;②Port of round pressure gauge is M6;
③Square pressure gauge is single scale, round pressure gauge is double scale

Internal Structure

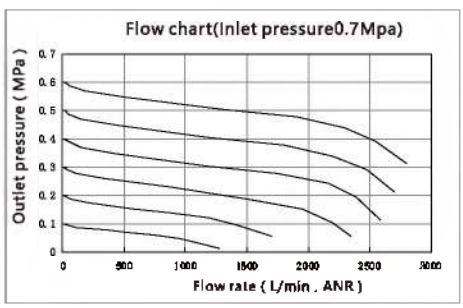


No.	Part Name	Material
1	Pressure regulating handle	PA6 with glass fiber
2	Pressure regulating valve cover	PA6 with glass fiber
3	Marking ring	POM
4	Pressure regulating spring seat	POM
5	Cover plate	ABS
6	Valve body	Aluminum alloy
7	Seal	NBR
8	Valve seat cover	ABS
9	Screw	Mild steel
10	Pressure regulating screw/Screw set	Free-cutting steel
11	Spring	SWC
12	Octagonal caps	POM with glass fiber/Zinc alloy
13	Diaphragm	NBR
14	Interline	POM
15	Valve stem	Brass
16	Valve core	6061+NBR
17	Spring	SUS304
18	Pressure regulating valve seat	POM with glass fiber

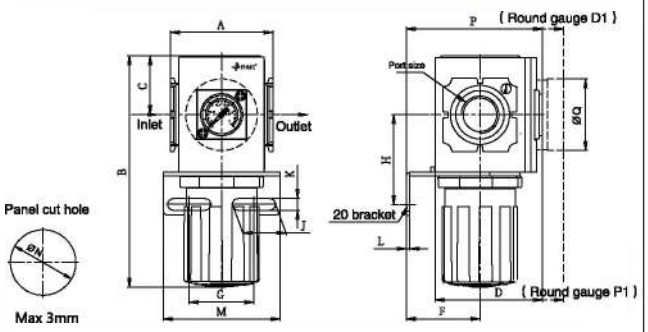
Pressure Feature



Flow Chart



Main Dimensions



Model	Port Size	A	B	C	D	D1	F	G	H	J	K	L	M	N	P	P1
EAR3000	1/4"-1/2"	57	126.1	33	59.8	71.5	41	36	50	24	6.5	2	65	36.5	75.8	87.5