



GAMD**3R Series

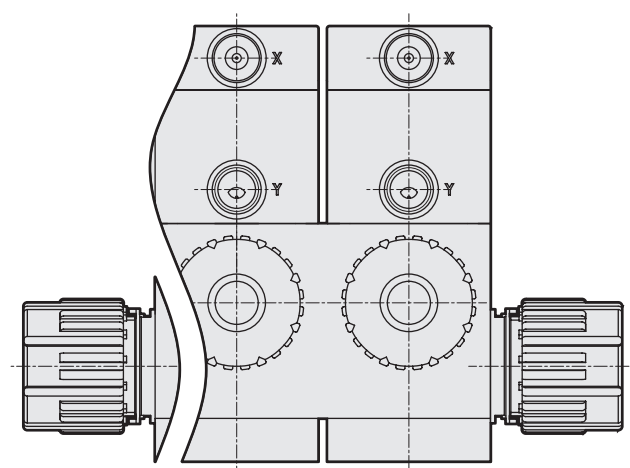
Export controlled items



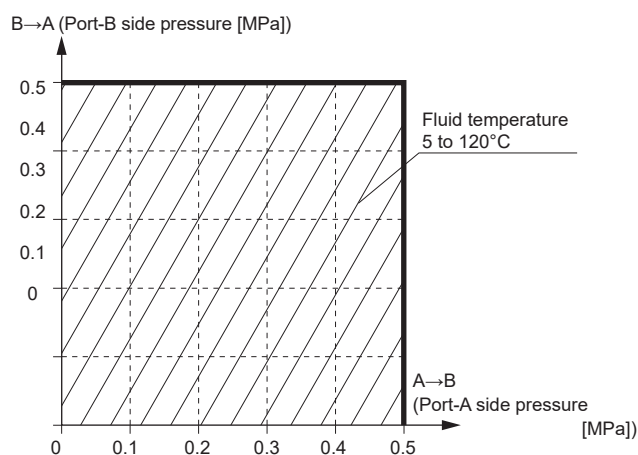
Item		Size	GAMD3*3R	GAMD0*3R	GAMD3*3R	GAMD4*3R	GAMD5*3R
			□ 22	□ 25	□ 36	□ 46	□ 60
Working fluid			Chemical liquids, pure water, N ₂ gas, air				
Fluid temperature °C			5 to 120 (*1, *2)				
Proof pressure MPa			1				
Working pressure range	(A→B)	MPa	0 to 0.5				
	(B→A)	MPa	0 to 0.5				
Valve seat leakage cm ³ /min			0 (water pressure)				
Back pressure MPa			0 to 0.5				
Ambient temperature °C			0 to 60 (0 to 50 for type with sensor)				
Frequency			30 cycles/min. or less			20 cycle/min. or less	
Mounting orientation			Unrestricted				
Connection			Super 300 Pillar fitting P Series F-LOCK 60 Series				
Operating section	Operating pressure MPa	NC/NO: 0.4 to 0.5 Double acting: 0.3 to 0.4	NC/NO: 0.35 to 0.5 Double acting: 0.3 to 0.4				
	Port connection	Rc1/8					
Weight	kg	One station	0.08	0.12	0.26	0.54	1.2
		2 stations	0.14	0.23	0.52	1.1	2.5
		3 stations	0.21	0.34	0.78	1.6	3.9
		4 stations	0.27	0.45	1	2.1	5.2
		5 stations	0.35	0.56	1.3	2.6	-

*2: 5 to 100°C if the connection is E-LOCK 60 Series.

Working pressure

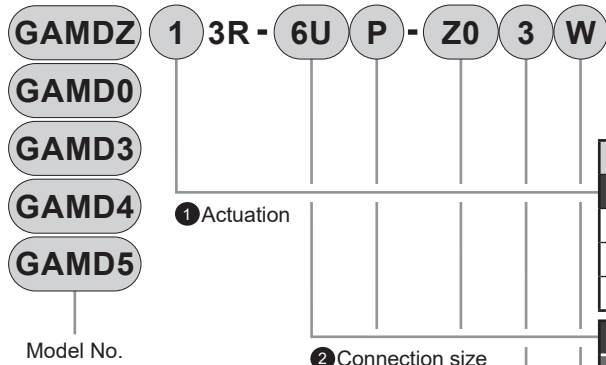


Part name	Material
Body (wetted parts)	PTFE
Diaphragm (wetted parts)	PTFE
Actuator	PVDF
O-ring	FEPM, FKM
Metal parts	Stainless steel (fluoro resin coating)
Mounting plate	PVDF



⚠ Always read the precautions on Intro Pages 7 to 14 before use.

How to order



Code	Description					
① Actuation						
1	NC					
2	NO					
3	Double acting					
② Connection size		Selectable models				
Metric	Tube size	GAMDZ	GAMD0	GAMD3	GAMD4	GAMD5
6U	ø6 x ø4	●	●			
8U	ø8 x ø6		●			
10U	ø10 x ø8		●	●		
12U	ø12 x ø10			●		
25U	ø25×ø22					●
Inching	Tube size	GAMDZ	GAMD0	GAMD3	GAMD4	GAMD5
8BU	1/4"×5/32"	●	●			
10BU	3/8"×1/4"		●	●		
15BU	1/2"×3/8"			●		
20BU	3/4"×5/8"				●	
25BU	1"×7/8"					●
③ Connection						
P	Super 300 Pillar fitting P Series					
R	F-LOCK 60 Series					
④ Actuator option						
Z0	ON/OFF only (note: GAMDZ only can be selected)					
00	ON/OFF only (with indicator)					
10	With flow rate adjustment					
With sensor	Transistor	Cable direction			Cable length	
A1	NPN	Operating port side			1 m	
A3					3 m	
B1		Opposite side to operating port			1 m	
B3					3 m	
C1	PNP	Operating port side			1 m	
D1		Opposite side to operating port			1 m	
⑤ Station No.		Selectable models				
		GAMDZ	GAMD0	GAMD3	GAMD4	GAMD5
1	One station	●	●	●	●	●
2	2 stations	●	●	●	●	●
3	3 stations	●	●	●	●	●
4	4 stations	●	●	●	●	●
5	5 stations	●	●	●	●	
⑥ Port A position						
L	Left					
R	Right					
W	Both sides					

⚠ Precautions for model No. selection

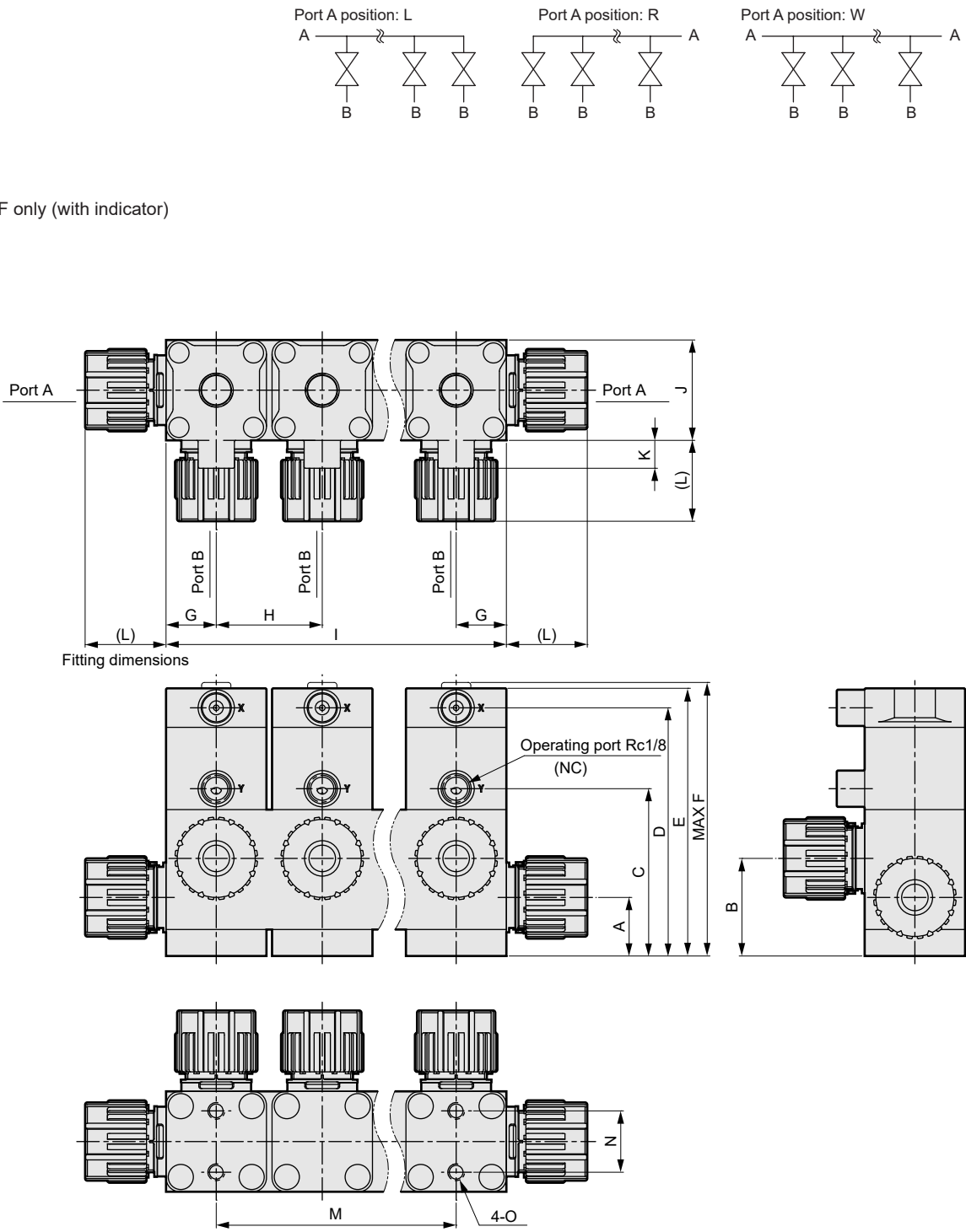
* 00 (with ON/OFF indicator) and 10 (with flow rate adjustment) cannot be selected for the actuator option GAMDZ.
Model with sensor can be selected with GAMD3/GAMD4/GAMD5.

Part3R	Part2	Part1	High pressure	Metall-free	Large bore size	Polyvinyl chloride	Drainage	Part3RN	Part2	High pressure	Metall-free	Large bore size	Single unit	Air operated integrated	Pilot	Manual	Electric	Manual	Manual Fine flow rate	Flow rate adjusting valve	Related products
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Dimensions

Part 3R	Part 2	Part 1	High pressure	Metal-free	Large bore size	PVC	Drainage	Part 3RN	Part 2	High pressure	Metal-free	Large bore size	Single unit	Air operated	Pilot	Manual	Electric	Manual	Manual Fine flow rate	Fine level Switch	Related products

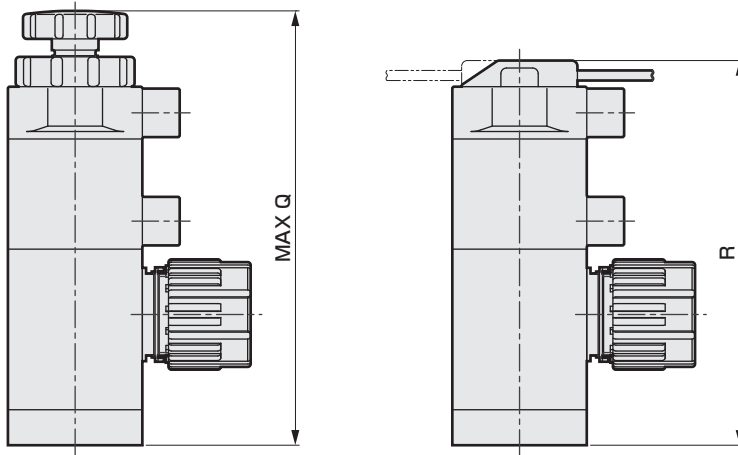
● ON/OFF only (with indicator)



Dimensions

● With flow rate adjustment

● With sensor



Super 300P Series

Connection (connection size + type)	L
6UP, 8BUP	19
8UP	22
10UP, 10BUP	25
12UP, 15BUP	29
20BUP	36
25UP, 25BUP	43

F-LOCK 60 Series

Connection (connection size + type)	L
6UR	30
8BUR	31
8UR	31
10UR	37
10BUR	39
12UR	37
15BUR	39
20BUR	44
25UR	49.5
25BUR	51

Model	A	B	C	D	E	F	G	H	J	K	Q	R
GAMDZ*3R	17	17	39	54	61	-	11	22.5	22	8	-	-
GAMD0*3R	19	28.5	49	65	72	74	12.5	Table 1	25	8	90	-
GAMD3*3R	21	35	60	89	96	98	18	38	36	10	119	103
GAMD4*3R	27	46	78	118	125	128	23	48	46	8	148	132
GAMD5*3R	35	60	99	142	149	154	30	62	60	8	181	156

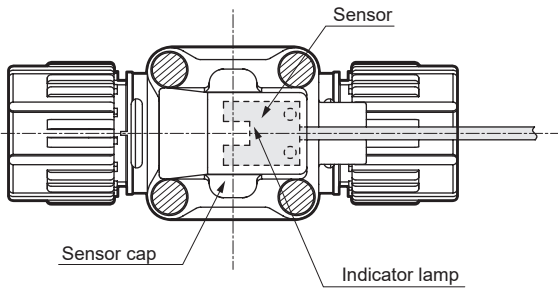
Model	Station No.	I	M	N	O
GAMDZ*3R	1	22	-	14±0.3	M6 depth 6
	2	44.5	22.5±0.5		
	3	67	45±0.7		
	4	89.5	67.5±1.0		
	5	112	90±1.0		
GAMD0*3R	Table 1			14±0.3	M6 depth 8
GAMD3*3R	1	36	-	22±0.3	M6 depth 9
	2	74	38±0.3		
	3	112	76±0.4		
	4	150	114±0.5		
	5	188	152±0.7		
GAMD4*3R	1	46	-	28±0.3	M8 depth 10
	2	94	48±0.4		
	3	142	96±0.5		
	4	190	144±0.5		
	5	238	192±0.7		
GAMD5*3R	1	60	-	40±0.3	M8 depth 13
	2	122	62±0.4		
	3	184	124±0.5		
	4	246	186±0.7		

Table 1

Connection (connection size + type)	Station No.	H	I	M
6UP, 8BUP 8UP 6UR, 8BUR 8UR"	1	-	25	-
	2	26	51	26±0.3
	3		77	52±0.4
	4		103	78±0.4
	5		129	104±0.5
10 UP, 10BUP, 10UR, 10BUR	1	-	25	-
	2	31	56	31±0.3
	3		87	62±0.4
	4		118	93±0.5
	5		149	124±0.5

Part3R	Part2	Part1	High pressure	Meta-free	Large bore size	Polyvinyl chloride	Drainage	Part3RN	Part2	High pressure	Meta-free	Large bore size	Single unit	Air operated integrated	Pilot	Manual	Electric	Manual	Manual Fine flow rate	Fine level Switch	Related products
			Air operated valve							Manual valve			Drip prevention valve		Regulator		Flow rate adjusting valve				

Valve operation and sensor operation



Valve operation		At CLOSE	At OPEN
Sensor	Detector	Light received	Light shielded
	Indicator lamp	ON	OFF
	Output 1 Lead wire color: Black	Output ON	Output OFF
	Output 2 Lead wire color: White	Output OFF	Output ON

