

Process Pump

Automatically Operated Type (Internal Switching Type)

Series *PA3000/5000*



How to Order

PA 3 1 1 0 — 03

Body size

3	3/8 standard
5	1/2 standard

Material of body wetted areas

1	ADC12 (Aluminum)
2	SCS14 (Stainless steel)

Diaphragm material

1	PTFE
2	NBR

Option

Nil	Body only
N	With silencer *

* For AIR EXH: AN200-02

Port size

03	3/8 (10A): PA3
04	1/2 (15A): PA5
06	3/4 (20A): PA5

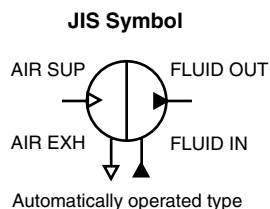
Thread type

Nil	Rc
T*	NPTF
F*	G
N*	NPT

* T, F, N are options.

Automatically operated type

Specifications



Model		Automatically operated type			
		PA31□0	PA32□0	PA51□0	PA52□0
Port size	Main fluid suction discharge port	3/8		1/2, 3/4	
	Pilot air supply/ exhaust port	1/4			
Material	Body wetted areas	ADC12	SCS14	ADC12	SCS14
	Diaphragm	PTFE, NBR			
	Check valve	PTFE, PFA			
Discharge rate		1 to 20 ℓ/min		5 to 45 ℓ/min	
Average discharge pressure		0 to 0.6 MPa			
Pilot air consumption		Max. 200 ℓ/min (ANR)		Max. 300 ℓ/min (ANR)	
Suction lifting range	Dry	1 m (Interior of pump dry)		2 m (Interior of pump dry)	
	Wet	Up to 6 m (liquid inside pump)			
Operating fluid temperature		0 to 60°C (No freezing)			
Ambient temperature		0 to 60°C			
Pilot air pressure		0.2 to 0.7 MPa			
Withstand pressure		1.05 MPa			
Mounting orientation		Horizontal (with mounting foot at bottom)			
Weight		1.7 kg	2.2 kg	3.5 kg	6.5 kg

* Each value of above represents at normal temperatures with fresh water.