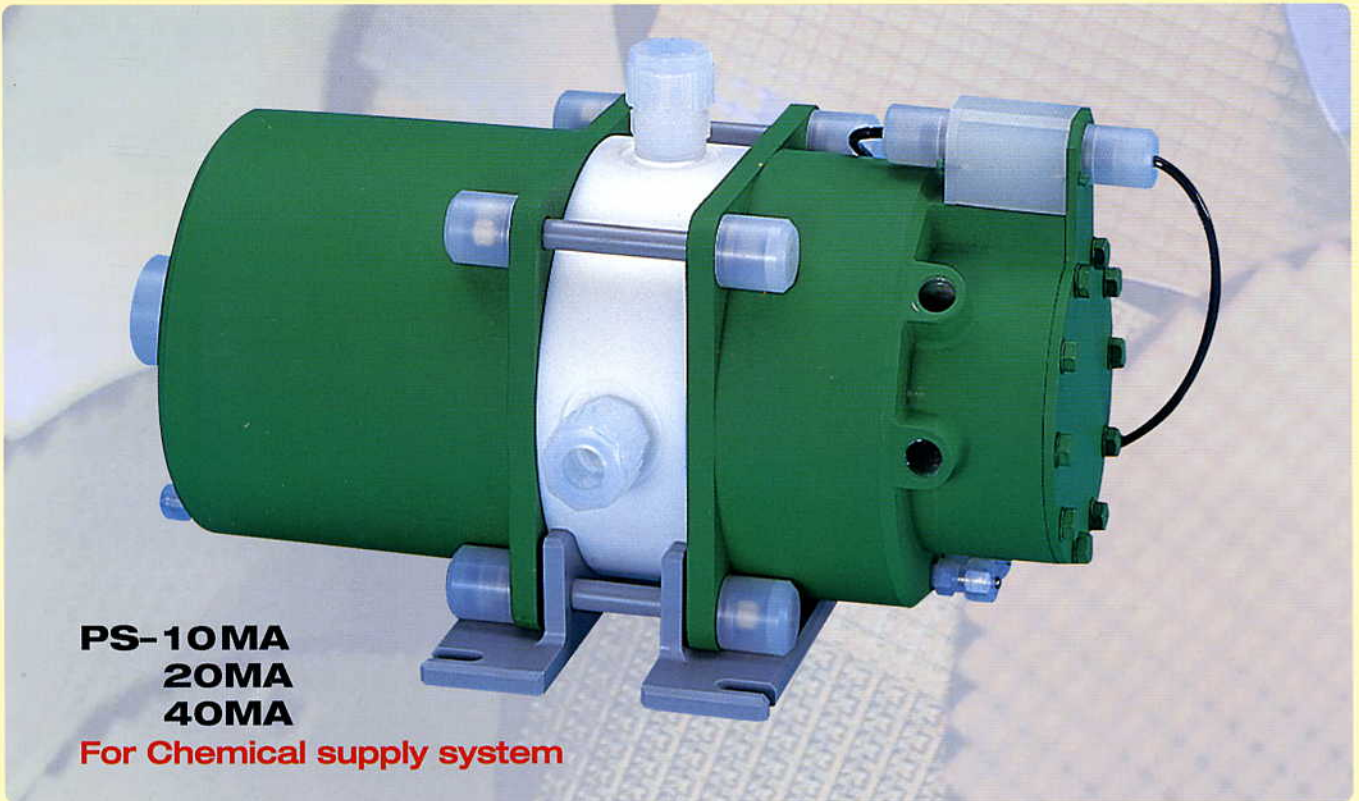


SPELA 300 PILLAR BELLOWS PUMP

PS SERIES

PTFE Bellows Pump with No pulsation.



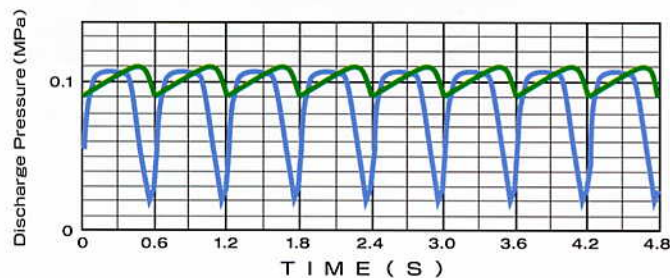
Features

- 1 Low pulsation pressure (pulsation pressure rate within $\pm 12.5\%$)
- 2 Space saving design. (2/3 volume of the current model)
- 3 VA design reduces the costs.

Type		PS-10M			PS-20M			PS-40M		
Pump connections mm		IN ϕ 19 / OUT ϕ 12			IN ϕ 25 / OUT ϕ 19			IN JIS 10K 32A / OUT ϕ 19		
Pump connectors		SUPER 300 TYPE PILLARFITTING or SUPER TYPE PILLARFITTING								
Max discharge capacity ℓ /min(GPN)		12 (3.2)			24 (6.3)			48 (13)		
Pulsation pressure range		Within \pm 12.5% of the pump discharge pressure when the pressure is over 0.1MPa. Less than 0.03MPa when pump discharge pressure is under 0.1MPa.								
Operating temp. $^{\circ}$ C ($^{\circ}$ F)		10~40 (50~104)	41~70 (105~158)	71~100 (160~212)	10~40 (50~104)	41~70 (105~158)	71~100 (160~212)	10~40 (50~104)	41~70 (105~158)	71~100 (160~212)
Supply air pressure MPa (PSIG)		0.2~0.5 (29~73)	0.2~0.4 (29~58)	0.2~0.3 (29~44)	0.2~0.5 (29~73)	0.2~0.4 (29~58)	0.2~0.3 (29~44)	0.2~0.5 (29~73)	0.2~0.4 (29~58)	0.2~0.3 (29~44)
Max discharge pressure MPa (PSIG)		0.45 (65)	0.35 (50)	0.25 (36)	0.45 (65)	0.35 (50)	0.25 (36)	0.45 (65)	0.35 (50)	0.25 (36)
Allowable differential Pressure of Bellows MPa (PSIG)		0.3 (44)	0.25 (36)	0.2 (29)	0.3 (44)	0.25 (36)	0.2 (29)	0.3 (44)	0.25 (36)	0.2 (29)
Discharge volume per stroke ℓ /stroke (IN 3)		0.11 (6.71)			0.22 (13.4)			0.48 (29.3)		
Air consumption kpa·m 3 /min. (SCFN)		5.1~15.2 (1.8~5.3)			8.1~27.4 (2.8~9.5)			10.1~42.6 (3.5~15)		
Temperature in atmosphere $^{\circ}$ C ($^{\circ}$ F)		10~50 (50~122)								
Air source connection	For pump operation	2-Rc1/4"			2-Rc3/8"			2-Rc1/2"		
	For master valve	Rc1/4"			Rc1/4"			Rc1/4"		
Approx. weight kg (lb)		10 (22)			20 (44)			40 (88)		
Pump size mm		427 ^L × 218 ^W × 157 ^H			472 ^L × 261 ^W × 201 ^H			536 ^L × 335 ^W × 264 ^H		

★Select the type of fitting for inlet and outlet of the pump.

Pulsation curve



— PS Type

— CURRENT Type

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URL <http://www.pillar.co.jp/>

*Specifications and dimensions are subject to change without prior notice.

*The data on this catalogue are solely for your reference and are not to be construed as constituting a warranty.



CAUTION

• Read through and follow the instructions on the manual before installation and operation for your safety.

Edwards
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