

SPELA 300 PILLAR BELLOWS PUMP PE-E SERIES

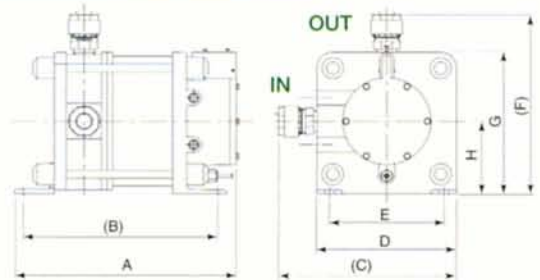
Compact Pump Solution for your limited space.



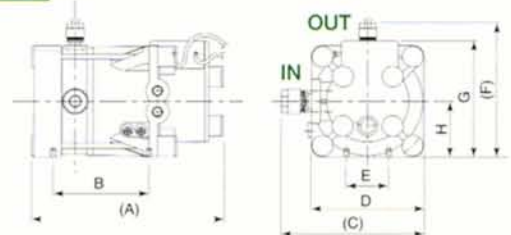
Features

- 1 Its small foot print enables the change in size of the equipment.
- 2 More compact than our current model, PE series pump.
- 3 VA design makes cost reduction possible.

PE-E 10M, PE-E 20M, PE-E 40M



PE-E 2M



DIMENSIONS (mm)

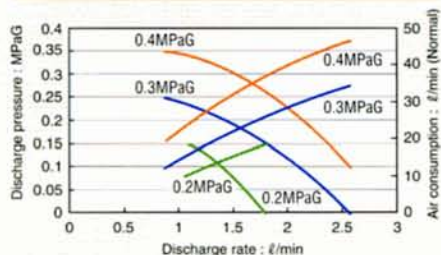
	A	B	(C)			D	E	(F)			G	H
			SUPER FITTING	SUPER 300 FITTING J	SUPER 300 FITTING P			SUPER FITTING	SUPER 300 FITTING J	SUPER 300 FITTING P		
PE-E2M	180	90	145	141	143	106	40	139	136	138	111	53
PE-E10M	239	194	191	186	188	138	112	184	181	183	143	74
PE-E20M	281	244	229	224	226	176	144	234	229	231	181	93
PE-E40M	351	298	274	270	272	210	172	279	275	277	215	110

Type	PE-E 2MA	PE-E 10MA	PE-E 20MA	PE-E 40MA
Pump connections mm (inch)	IN φ10 / OUT φ6 (IN φ3/8" / OUT φ1/4")	IN φ19 / OUT φ12 (IN φ3/4" / OUT φ1/2")	IN φ19 / OUT φ19 (IN φ3/4" / OUT φ3/4")	IN φ25 / OUT φ25 (IN φ1" / OUT φ1")
Pump connectors	SUPER 300 TYPE PILLARFITTING or SUPER TYPE PILLARFITTING			
Max discharge capacity ℓ/min (GPM)	2.5 (0.66)	10 (2.64)	20 (5.28)	40 (10.56)
Operating temp. °C (°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)	10~40 (50~104) 41~70 (105~158) 71~100 (160~212)
Supply air pressure MPaG (PSIG)	0.2~0.4 (29.0~58.0) 0.2~0.3 (29.0~43.5) 0.2~0.25 (29.0~36.3)	0.2~0.4 (29.0~58.0) 0.2~0.3 (29.0~43.5) 0.2~0.25 (29.0~36.3)	0.2~0.4 (29.0~58.0) 0.2~0.3 (29.0~43.5) 0.2~0.25 (29.0~36.3)	0.2~0.4 (29.0~58.0) 0.2~0.3 (29.0~43.5) 0.2~0.25 (29.0~36.3)
Max discharge pressure MPaG (PSIG)	0.35 (50.8) 0.25 (36.3) 0.2 (29.0)	0.25 (36.3) 0.2 (29.0)	0.25 (36.3) 0.2 (29.0)	0.25 (36.3) 0.2 (29.0)
Allowable differential Pressure of Bellows MPa (PSIG)	0.3 (43.5) 0.25 (36.3) 0.2 (29.0)	0.3 (43.5) 0.25 (36.3) 0.2 (29.0)	0.3 (43.5) 0.25 (36.3) 0.2 (29.0)	0.3 (43.5) 0.25 (36.3) 0.2 (29.0)
Discharge volume per stroke ℓ/stroke (IN ³)	0.03 (1.83)	0.10 (6.10)	0.20 (12.2)	0.40 (24.4)
Air consumption ℓ/min (Normal) (SCFM)	10~50 (0.4~1.8)	10~80 (0.4~2.8)	50~130 (1.8~4.6)	50~300 (1.8~10.6)
Temperature in atmosphere °C (°F)	10~50 (50~122)			
Air source connection (inch)	2-Rc 1/8" (2-NPT 1/8")	2-Rc 1/4" (2-NPT 1/4")	2-Rc 1/4" (2-NPT 1/4")	2-Rc 3/8" (2-NPT 3/8")
Approx. weight kg (lb)	2 (4.4)	6 (13.2)	10 (22)	18 (39.7)
Pump size mm (inch)	180L × 106W × 111H (7.1L × 4.2W × 4.4H)	239L × 138W × 154H (9.4L × 5.4W × 6.1H)	281L × 176W × 181H (11.1L × 6.9W × 7.1H)	351L × 210W × 215H (13.8L × 8.3W × 8.5H)

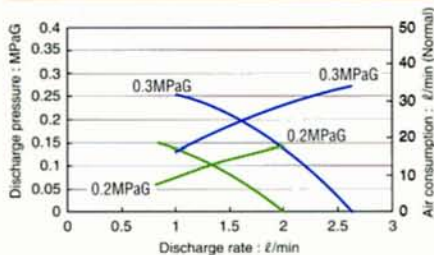
- ★ Different size of pump connections may vary the above figure.
- ★ Specify type of end connection when ordering.
- ★ We have also explosion proof pumps that are suitable for pumping an explosive organic solution.

Performance Curves for PE-E 2M

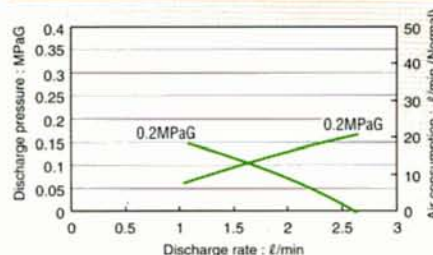
Performance Curves for PE-E 2M (at 20°C)



Performance Curves for PE-E 2M (at 50°C)

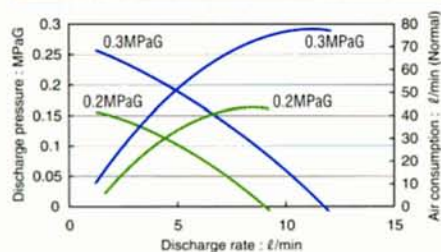


Performance Curves for PE-E 2M (at 80°C)

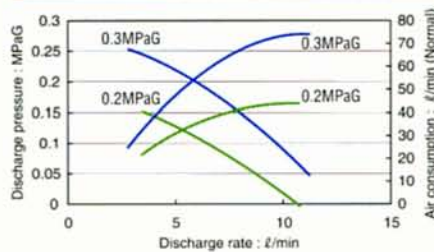


Performance Curves for PE-E 10M

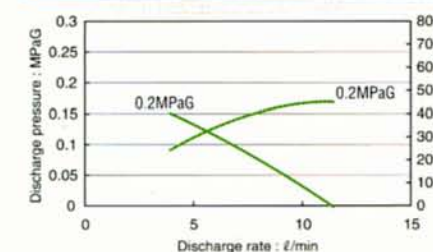
Performance Curves for PE-E 10M (at 20°C)



Performance Curves for PE-E 10M (at 50°C)

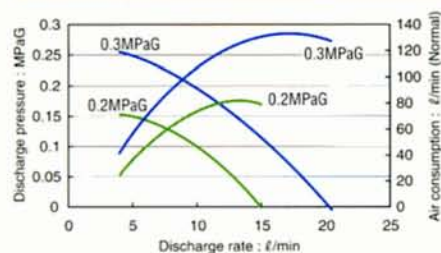


Performance Curves for PE-E 10M (at 80°C)

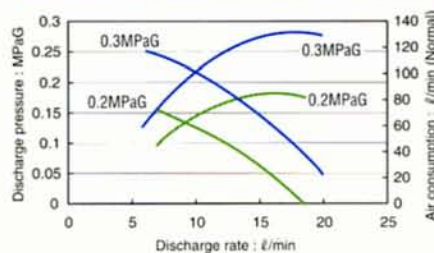


Performance Curves for PE-E 20M

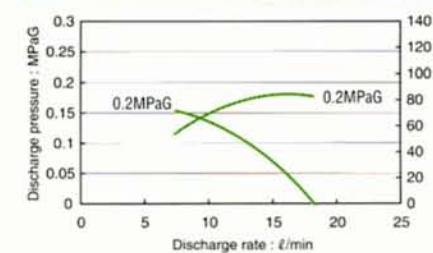
Performance Curves for PE-E 20M (at 20°C)



Performance Curves for PE-E 20M (at 50°C)

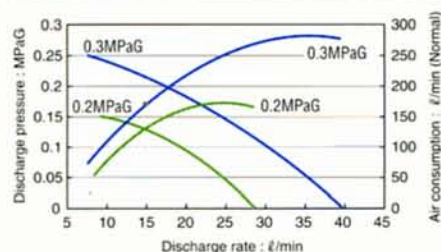


Performance Curves for PE-E 20M (at 80°C)

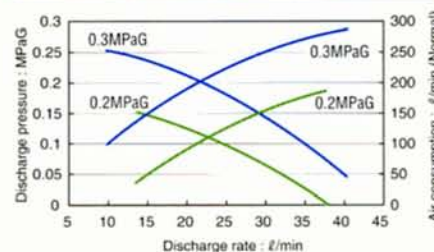


Performance Curves for PE-E 40M

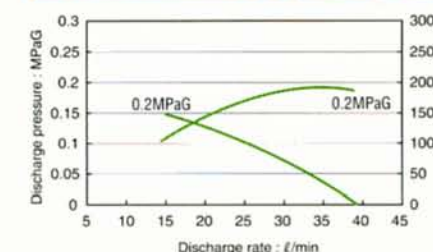
Performance Curves for PE-E 40M (at 20°C)



Performance Curves for PE-E 40M (at 50°C)



Performance Curves for PE-E 40M (at 80°C)



NIPPON PILLAR PACKING CO., LTD.

Head Office: 11-48, Nonakaminami 2 Chome, Yodogawa-ku, Osaka, 532-0022 Japan.
Tel : 81-(0)6-6305-2821 Fax : 81-(0)6-6302-3300
E-mail : info@pillar.co.jp

Tokyo Office: 2-2, Uchisaiwaicho 2 Chome, Chiyoda-ku, Tokyo, 100-0011 Japan.
Tel : 81-(0)3-3508-1611 Fax : 81-(0)3-3508-1881

Nippon Pillar Corporation of America: 1562, Parkway Loop, Suite2C, Tustin, CA 92780, USA.
Tel : 1-714-258-7741 Fax : 1-714-258-7760
E-mail : sales@nipponpillar.com

Nippon Pillar Singapore Pte. Ltd.: 10 Toh Guan Road #02-03 TT International Tradepark Singapore 608838
Tel : (65)6861-7138 Fax : (65)6862-9098
E-mail : npillars@singnet.com.sg

Pillar Taiwan Semiconductor Work Shop: No.15 Lane 42, Ming-Yu 2 Street, Hsin-Chu, Taiwan, R.O.C.
Tel : 886-3-5785715 Fax : 886-3-5785716
E-mail : homwell@ms9.hinet

Pillar Korea Semiconductor Work Shop: 55-1, Changkoc-1RI, Paltan-Myun, Hwasung-Kun, Kyongki-Do, KOREA.
Tel : 031-353-1521 Fax : 031-353-1522
E-mail : hanjongeng@hotmail.com

<http://www.pillar.co.jp/> e-mail : info@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 construed as constituting a warranty.



CAUTION

• Follow the instructions, before installation and operation, for your safety.