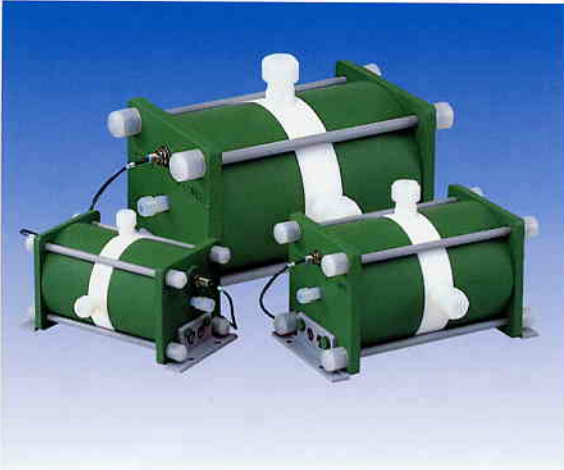


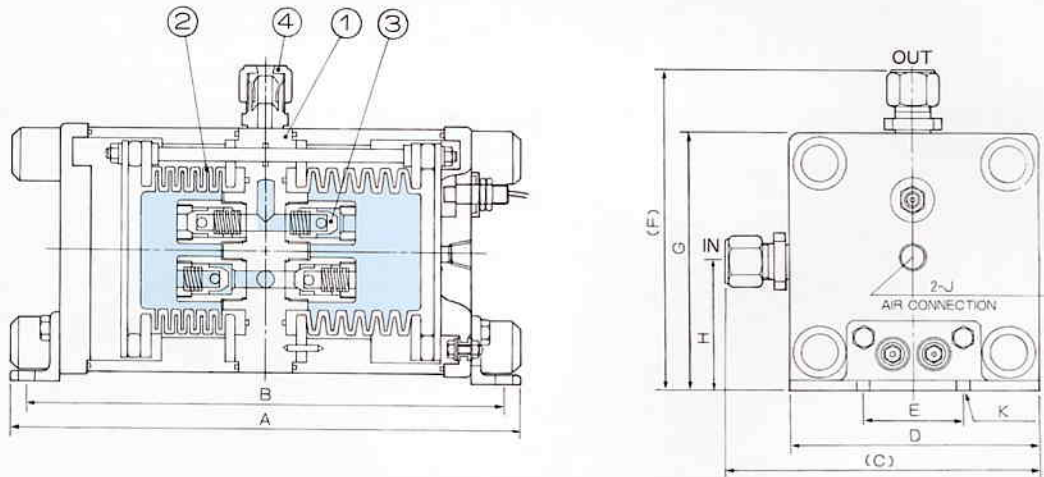
PE-10HB(N), PE-20HB(N), PE-40HBH(N)



DIMENSIONS											mm	
	A	B	(C)		D	E	(F)		G	H	J	K
			SUPER FITTING	SUPER 300 FITTING			SUPER FITTING	SUPER 300 FITTING				
PE-10HB(N)	304	282	193	190	152	70	197	194	156	80	Rc1/4" (NPT1/4")	4-φ11
PE-20HB(N)	360	340	244	239	190	100	248	243	194	99	Rc3/8" (NPT3/8")	4-φ11
PE-40HBH(N)	404	376	316	312	254	120	318	314	256	112	Rc3/8" (NPT3/8")	4-φ13

WET END		
No.	PART	MATERIAL
①	BODY	PTFE
②	BELLOWS	PTFE
③	CHECK VALVE	PTFE
④	SUPER FITTING or SUPER 300 FITTING	P F A

PE-10HB(N)
PE-20HB(N)
PE-40HBH(N)



Type	PE-10HB(N)			PE-20HB(N)			PE-40HBH(N)		
Pump connections INCH	φ1/2"			φ3/4"			φ1"		
Pump connectors ^{※1}	SUPER TYPE FITTING or SUPER 300 TYPE FITTING								
Max discharge capacity l/min. (GPM)	13 (3.4)			25 (6.6)			45 (12)		
Operating temp. °C (°F)	10~40 (50~104)	41~100 (105~212)	101~180 (213~356)	10~40 (50~104)	41~100 (105~212)	101~180 (213~356)	10~40 (50~104)	41~100 (105~212)	101~160 (213~320)
Supply air pressure MPa (PSIG)	0.2~0.3 (29~44)	0.2~0.25 (29~36)	0.2 (29)	0.2~0.3 (29~44)	0.2~0.25 (29~36)	0.2 (29)	0.2~0.3 (29~44)	0.2~0.25 (29~36)	0.2 (29)
Max discharge pressure MPa (PSIG)	0.25 (36)	0.2 (29)	0.15 (22)	0.25 (36)	0.2 (29)	0.15 (22)	0.25 (36)	0.2 (29)	0.15 (22)
Allowable differential pressure of bellows MPa (PSIG) ^{※2}	0.2 (29)	0.2 (29)	0.15 (22)	0.2 (29)	0.2 (29)	0.15 (22)	0.2 (29)	0.2 (29)	0.15 (22)
Discharge volume per stroke l/stroke (IN ³)	0.21 (13)			0.42 (26)			0.86 (52)		
Air consumption Kpa·m ³ /min. (SCFM)	5.1~12.2 (1.8~4.2)			6.1~15.2 (2.1~5.3)			12.7~30.4 (4.4~11)		
Temperature in atmosphere °C (°F)	10 ~ 50 (50~122)								
Air source connection (INCH)	2-Rc 1/4" (2-NPT 1/4")			2-Rc3/8" (2-NPT 3/8")			2-Rc3/8" (2-NPT 3/8")		
Weight kg (lb)	10 (22)			21 (46)			45 (99)		
Pump size mm	304 ⁴ ×152 ⁶ ×156 ⁴			360 ⁶ ×190 ⁶ ×194 ⁴			404 ⁴ ×254 ⁶ ×256 ⁴		

※1 Specific type of end connection when ordering.

※2 Allowable differential pressure of bellows = Differential between discharge and supply air pressure.

*A Bellows Pump for all temperature applications.
Stable flows throughout the entire temperature range.*

PERFORMANCE CURVE

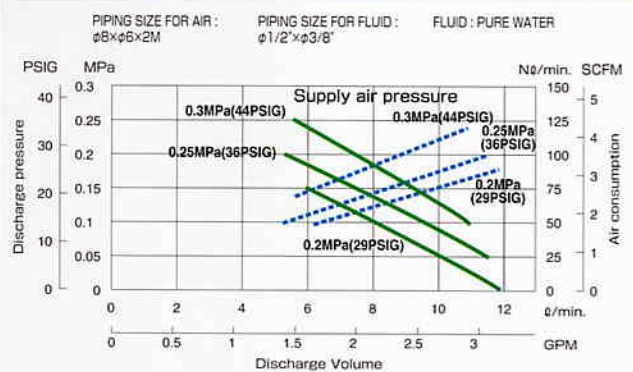
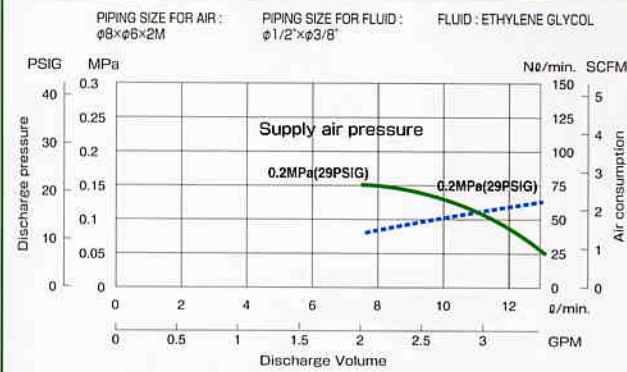
HQ PERFORMANCE

AIR CONSUMPTION

Temp: 150°C (302°F)

PE-10HB(N)

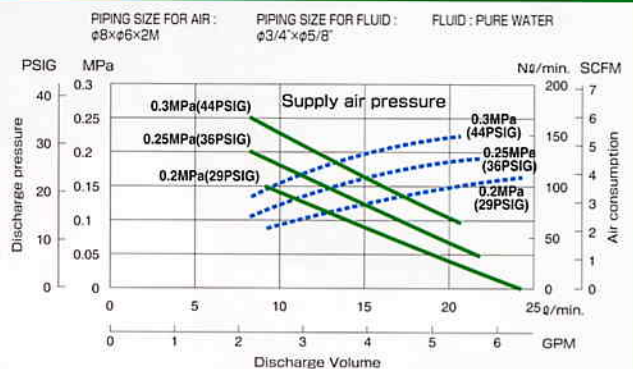
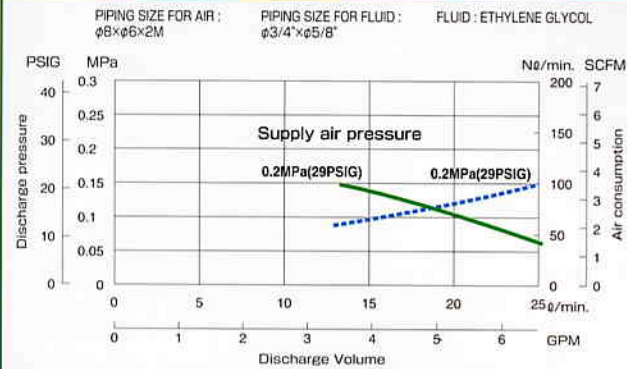
Temp: 20°C (68°F)



Temp: 150°C (302°F)

PE-20HB(N)

Temp: 20°C (68°F)



Temp: 150°C (302°F)

PE-40HBH(N)

Temp: 20°C (68°F)

