

How to order

SAO8×20N – E I 10 R A6 – M10

① ② ③ ④ ⑤ ⑥ ⑦



① Model	② Level compensator type	③ Buffer type
SAO8×20N	E – PSPE Series	I – Internal spring

④ Buffer stroke	⑤ Rotary type	⑥ Vacuum port connection	⑦ Mounting thread
10 40 20 50 30	R – Vertical non-rotating B – Lateral non-rotating	Nil – M5×0.8 Female thread A4 – One-touch fitting φ4 hose A6 – One-touch fitting φ6 hose	M10 – M10×1

◇ Note: Please refer to page 203 for suction cup selection.

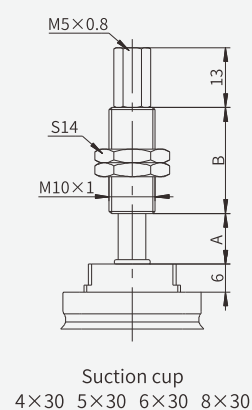
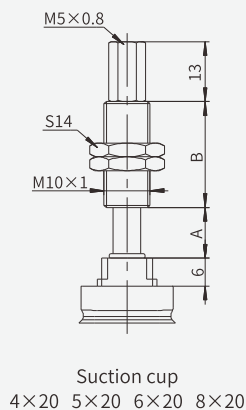
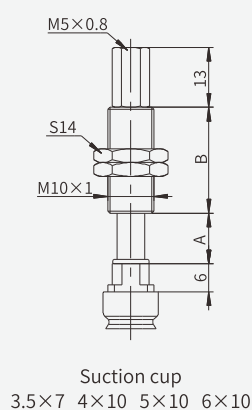
Selection

Rotary type/ Connection thread	Nil	A4	A6
R	●	●	●
B	–	●	●

◇ Note: "●"-default, in stock; "–"unavailable.

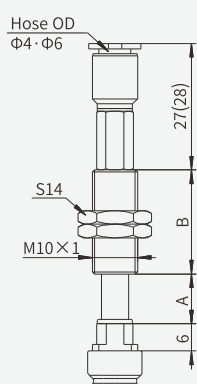
Dimensions(mm)

Female thread connection

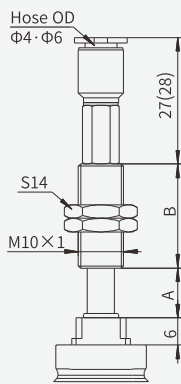


Dimensions(mm)

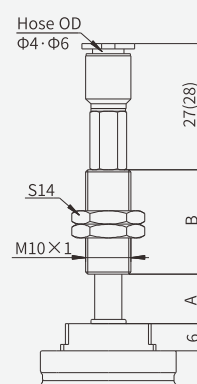
One-touch
fitting
connection



Suction cup
3.5×7 4×10 5×10 6×10

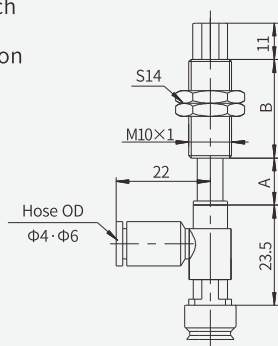


Suction cup
4×20 5×20 6×20 8×20

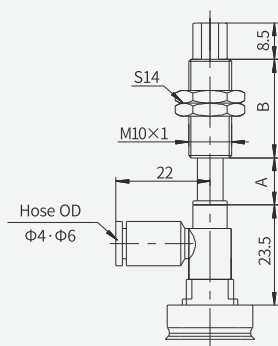


Suction cup
4×30 5×30 6×30 8×30

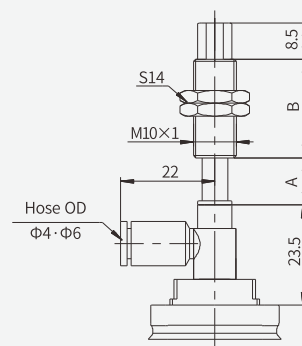
One-touch
fitting
connection



Suction cup
3.5×7 4×10 5×10 6×10



Suction cup
4×20 5×20 6×20 8×20



Suction cup
4×30 5×30 6×30 8×30

Model/Size	A	B	Buffer stroke	F1(N)	F2(N)
SAO	11	23	10	1.0	3.0
	21	51	20	1.0	3.0
	31	51	30	1.0	3.0
	41	77	40	1.0	3.0
	51	77	50	1.0	3.0

◇ Note: "F1" means spring force at 0 stroke,"F2" means spring force at max stroke.

Mounting parts

Item	Model	Applicable suction cup
Fitting for suction cup	PJS-M5F-SAO10	SAO3.5×7,4×10,5×10,6×10
	PJS-M5F-SAO20	SAO4×20,5×20,6×20,8×20
	PJS-M5F-SAO30	SAO4×30,5×30,6×30,8×30

SB
SBA
SBB
SBF
SBOF
SFT
SFA
STP
SBL
SBLP
SBS
SF
SU
SUF
SFG
SFU
STC
SFF
SFM
SDM
SHT
SOFA
SOB
SOF
SOG
SFP
SBP
SXP
SGP
SDL
SH
SHB
SZ
SAN
SAO
SPA
SPC
SPF
SPJ
SPU
SNP
SOP