



Specifications

Type	Pneumatic (Non-lube)
Fluid	Air
Proof pressure	1.0 MPa
Maximum operating pressure	0.7 MPa
Minimum operating pressure	0.08 MPa
Ambient and fluid temperature	Without auto switch: -10°C to 70°C (No freezing) With auto switch: -10°C to 60°C (No freezing)
Rod end thread	Male thread
Rod end thread tolerance	JIS Class 2
Stroke length tolerance	+1.0 0
Piston speed	50 to 500 mm/s

Effective Cushion Length

Bore size (mm)	20	25	32
Effective cushion length (mm)	6.6	6.7	7.7

Standard Stroke

Bore size (mm)	Standard stroke (mm)
20, 25, 32	20, 30, 40, 50, 60, 70, 80, 90, 100

* Intermediate strokes are also available upon receipt of order. Please contact SMC.
Minimum stroke length is 20 mm.

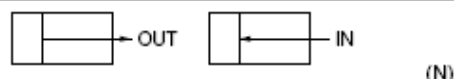
Tightening Torque: When mounting Series CU refer to the table below.

Bore size (mm)	Hexagon socket head cap screw size (mm)	Proper tightening torque (N·m)
20, 25	M5	5.10 ±10%
32	M6	8.04 ±10%

Allowable Kinetic Energy

Refer to "Selection" on P.54 regarding allowable kinetic energy.

Theoretical Output



Bore size (mm)	Operating direction	Operating pressure (MPa)		
		0.3	0.5	0.7
20	OUT	94.2	157	220
	IN	79.2	132	185
25	OUT	147	246	344
	IN	124	206	288
32	OUT	241	402	563
	IN	207	346	454

Weight

Basic Weight

Bore size (mm)	Standard stroke (mm)									(g)
	20	30	40	50	60	70	80	90	100	
20	186	208	230	252	274	296	318	340	362	
25	289	323	357	391	425	459	493	527	561	
32	464	512	560	608	656	704	752	800	848	

Additional Weight

Bore size (mm)	Magnet	(g)
20	5	
25	6	
32	11	