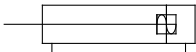




Symbol



Standard Specifications

Action	Double acting single rod
Fluid	Air
Proof pressure	1.5MPa
Max. operating pressure	1.0MPa
Min. operating pressure	0.2MPa
Ambient and fluid temperature	-10 to 60°C
Piston speed	50 to 500mm/s
Cushion	Air cushion
Lubrication	Not required (Non-lube)
Thread tolerance	JIS class 2
Stroke length tolerance	$+1.4$ 0

Standard Stroke

Bore size (mm)	Standard stroke (mm)	Max.* manufacturable stroke (mm)
20	150 to 700	1500
25		
32	150 to 1000	
40	200 to 1000	

*Please consult SMC representative for availability of stroke other than standard.

Effective Cushioning Stroke

Bore size (mm)	Effective cushioning stroke (mm)
20	45
25	45
32	50
40	60

Cylinder Mounting Bracket/Part No.

Bore size (mm)	20	25	32	40
Axial foot *	CM-L020B	CM-L032B	CM-L040B	
Flange	CM-F020B	CM-F032B	CM-F040B	
Single clevis	CM-C020B	CM-C032B	CM-C040B	
Double clevis (with pin) **	CM-D020B	CM-D032B	CM-D040B	
Trunnion (with nut)	CM-T020B	CM-T032B	CM-T040B	

*When ordering foot brackets for one cylinder, indicate quantity as 2 pcs.

**Clevis pin and retaining ring (cotter pin in case of ø40) are enclosed.

Accessories

Part numbers of single knuckle joint, double knuckle joint, double clevis pin, double knuckle joint pin, rod end nut, mounting nut and trunnion nut are the same as series CM2. Refer to p.1.4-19 and 1.4-20.

Weight

Bore size (mm)		(kg)			
		20	25	32	40
Basic weight	Basic	0.32	0.47	0.74	1.25
	Axial foot	0.47	0.63	0.90	1.52
	Flange	0.38	0.56	0.83	1.37
	Single clevis	0.36	0.51	0.78	1.34
	Double clevis	0.37	0.53	0.79	1.38
	Trunnion	0.36	0.54	0.81	1.35
Additional weight per 50 stroke		0.05	0.07	0.09	0.13
Accessories	Clevis bracket (with pin)	0.07	0.07	0.14	0.14
	Single knuckle joint	0.06	0.06	0.06	0.23
	Double knuckle joint (with pin)	0.07	0.07	0.07	0.20

*Calculation example: **REC32-200**

Basic weight 0.90 (Foot style ø 32)

Additional Weight 0.09/50 stroke

Cylinder stroke..... 200 stroke

0.90+0.09 X 200/50=1.26kg

Auto Switch Mounting Bracket (including band and screw)

Applicable auto switch		Bore size (mm)			
		20	25	32	40
Reed	D-C73, D-C76, D-C80 D-C73C, D-C80C	BMA2-020	BMA2-025	BMA2-032	BMA2-040
Solid state	D-H7B, D-H7C, D-H7A1, D-H7A2 D-H7NW, D-H7PW, D-H7BW D-H7LF, D-H7NF, D-F7BAL				
Reed	D-B53, D-B54, D-B64, D-B59W				
Solid state	D-G5NTL	BA-01	BA-02	BA-32	BA-04



*Mounting screw set made of stainless steel

Use the following mounting screw set made of stainless steel according to operating environment.

(Switch mounting band is not included. Therefore, please order separately.)

BBA3: For D-B5/B6/G5/K5

BBA4: For D-C7/C8/H7

The above screw made of stainless steel is used for D-H7BAL switch when cylinder mounting is shipped. BBA4 is attached when switch is shipped.