



## Specifications



Type	Pneumatic (non-lube) type
Fluid	Air
Proof pressure	1.5MPa
Maximum operating pressure	1.0MPa
Minimum operating pressure	0.05MPa
Ambient and fluid temperature	Without auto switch: -10°C to 70°C (with no freezing) With auto switch: -10°C to 60°C (with no freezing)
Rod end threads	Female threads
Rod end thread tolerance	JIS class 2
Stroke length tolerance	$^{+1.0}_0$
Mounting	Through hole
Piston speed	50 to 500mm/s

## Standard Strokes

Bore size (mm)	Standard stroke (mm)
20, 25	15, 20, 25, 30, 40, 50
32, 40	20, 25, 30, 40, 50, 75, 100
50	30, 40, 50, 75, 100

## Manufacture of Intermediate Strokes

Method	Special body type	
Ordering	Refer to ordering procedure for standard part numbers.	
Method	Available in stroke increments of 1mm, using a special body for the specified stroke.	
Stroke range	Bore size	Stroke range
	20, 25	16 to 49
	32, 40	21 to 99
	50	31 to 99
Example	Part number: RQB32-47 A special tube is manufactured for a 47mm stroke.	

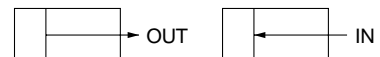
### Allowable kinetic energy

Refer to "Selection" on page 22 regarding the allowable kinetic energy.

## Effective Cushion Length

Bore size (mm)	20	25	32	40	50
Effective cushion length (mm)	5.8	6.1	6.6	6.6	7.1

## Theoretical Output



Unit: N

Bore size (mm)	Operating direction	Operating pressure (MPa)		
		0.3	0.5	0.7
20	IN	71	118	165
	OUT	94	157	220
25	IN	113	189	264
	OUT	147	245	344
32	IN	181	302	422
	OUT	241	402	563
40	IN	317	528	739
	OUT	377	628	880
50	IN	495	825	1150
	OUT	589	982	1370