

MINIATURE CYLINDERS

Standard with magnet

500 mm stroke

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Features

Non lubrication

- Special housing and bushing enable self lubrication of piston rod.

High quality long service life

- Hard anodised stainless steel cylinder tubes offer a high resistance to corrosion and low internal friction.
- Cylinder mountings, available with a comprehensive range of accessories for rigid or flexible mounting.
- Operation, with the exception of MCMA-11, single and doubling type available MCMA-13 / 15.

Magnetic as standard



Specification

Model		RCD				
Tube I.D.		16	20	25	32	40
Port size		M5x0.8	Rc 1/8			
Medium		Air				
Max.operating pressure		0.7 MPa				
Min. operating pressure		Double: 0.06 MPa; Single 0.15 MPa				
Proof pressure		1 MPa				
Lubricator		Not required				
Ambient temperature		-5 to +60°C (No freezing)				
Available speed range		50 to 750 mm/sec				
Max.allowable kinetic energy (J)	Cushion pad	0.16	0.27	0.4	0.65	1.2
	Cushion air	0.32	0.54	0.78	1.27	2.35
Sensor switch		RCM				
Sensor switch (band)		BM 16	BM 20	BM 25	BM 32	BM 40

Table for standard stroke

Tube ID		Stroke (mm)
Single acting	Ø 16	15, 25, 50, 75, 100
	Ø 20, 25, 32	15, 25, 50, 75, 100, 125, 150
Double acting	Ø 16	15, 25, 50, 75, 100, 125, 150, 200, 250 300, 350, 400, 450, 500
	Ø 20, 25, 32, 40	15, 25, 50, 75, 100, 125, 150, 200, 250 300, 350, 400, 450, 500

- Available with double action type cylinder with stroke more than 500mm.
Sub-piston increases the total length of cylinder by 10 mm and provides further stability.
- Please contact us if the stroke is out of specification.

Material

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Florijn 10 b/c

5751 PC Deurne

Netherlands

+31 (0)493 763 993

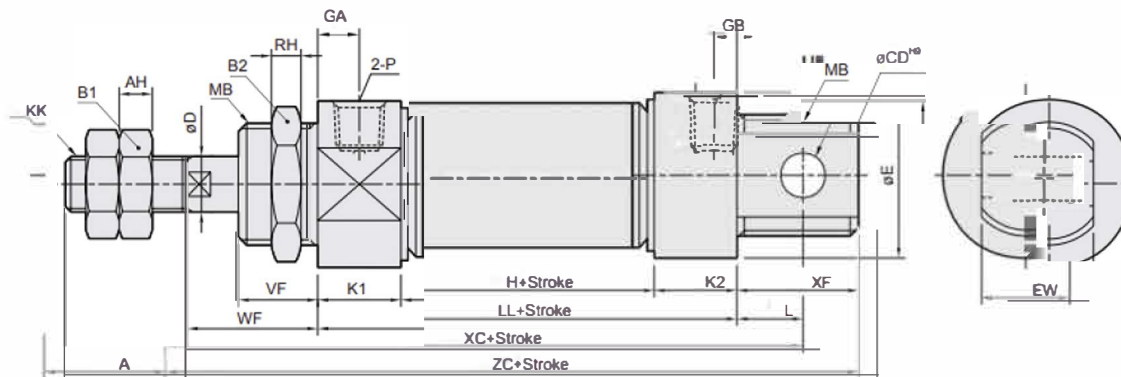
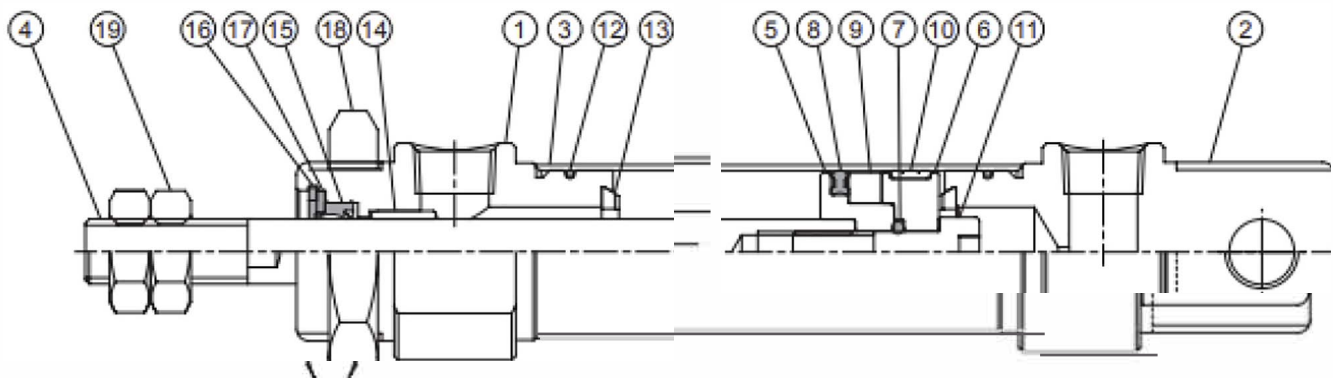
info@pneuparts.com

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No.	Tube I.D. Part name	16	20	25	32	40	Q'ty		Component parts (inclusion)	
							11 type	21 type	11 type	21 type
1	Roel cover		Aluminum alloy				1	2	●	●
2	Head cover		Aluminum alloy				1		●	
3	Tube		Stainless steel				1	1		
4	Piston rod		Carbon steel				1	1		
5	Piston-R		Aluminum alloy				1	1	●	●
6	Piston-H		Aluminum alloy				1	1	●	●
7	Piston gasket		NBR				1	1	●	●
8	Piston packing		NBR				1	1	●	●
9	Magnet ring		Magnet material				1	1	●	●
10	Wearing		Resin				1	1	●	●
11	Piston bolt		SCM				1		●	
12	Cover ring	NBR			NBR		2	2	●	●
13	Cushion gasket		NBR				2	2	●	●
14	Rod bush		Bearing alloy				1		●	●
15	Rod packing		NBR				1	2	●	●
16	Snap ring						1	2	●	●
17	Washer		Carbon steel				1	2	●	●
18	Tie nut		Carbon steel				1	2	●	●
19	Rod front nut		Carbon steel				2	2	●	●

*1. Stainless steel

*2. Only the rod packing is repairable, please contact our sales if needed.



Dimensions

CODE TUBE	A	AA	AC	AD	AF	AH	AR	AS	AK	B1	B2	CD	D	E	EW	GA	GB	H	KK
16	16	16	13	7.5	12	5	4	8	M5X0.8	10	22	6	6	19.7	12	5	5	34	16
20	20	19	15	9.5	16	5	5	13	M8X1.25	13	30	8	8	26.7	16	7.5	7.5	40	20
25	22	19	15	9.5	16	6	5	13	M8X1.25	17	30	8	10	29.7	16	7.5	7.5	40	25
32	22	18	12	7	20	6	6	17	M10X1.25	17	30	10	12	36	16	7.5	10.5	37	32
40	30	18	12	7	30	7	7	19	M10X1.25	19	41	12	14	45	20	7.5	10.5	42	40

CODE TUBE	K1	K2	L	LA	LL	MB	P	RH	VF	WF	XC	XF	ZC	ZM	ZN	ZP	ZQ
16	10	10	9	54	54	M16X1.5	4	8	M5X0.8	M5X0.8	85	16	92	98	130	95.5	5
20	15	15	12	70	70	M22X1.5	5	13	M8X1.25	Rc1/8	100	21	109	106	146	107.5	7.5
25	15	15	12	70	70	M22X1.5	5	13	M8X1.25	Rc1/8	100	21	118	124	138	110.5	7.5
32	15	18	14	67	70	M24X2	6	17	M10X1.25	Rc1/8	114	24	124	127	171	121	10.5
40	15	18	16	72	75	M30X2	7	19	M10X1.25	Rc1/8	118	28	130	128	186	123	10.5