



KOMPAK SERİ

YAN KIZAKLI SİLİNDİRLER

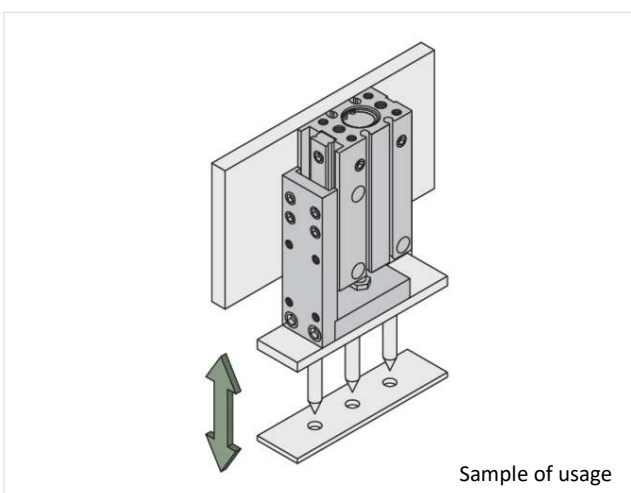
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SEMAK[®]MATIC
PNEUMATIC EQUIPMENTS

COMPACT SERIE with SIDE GUIDING UNIT



- ❑ Miniature linear guided cylinder with max. 50 mm stroke.
- ❑ Hard anodized aluminium body .
- ❑ High precision linear guide with great strenght .
- ❑ Three directions for mounting .
- ❑ Ø 4 mm sensor can be mounted on two sides .
- ❑ Piston speed range between 50 – 200 mm / sec.
- ❑ Suitable for high speed applications .
- ❑ Rubber bumper on both hands .



ORDERING CODES

ordering code for Ø 10 mm : SMS010 / CMOYK
ordering code for Ø 20 mm : SMS020 / CMOYK

ORDERING CODE FOR SENSOR

ordering code for 2 wire sensor : SMSS5V0115ACDC1
(TYPE 1)

Fluid : Compressed filtered air with or without lubrication

If lubrication used at ones must be continious .

Pressure range : max. 10 bar

Temperature range : - 10 °C / + 50 °C

Version : Magnetic , Non cushioned , Double acting

Materials

Guide plate : Anodized aluminium

Body : Anodized aluminium

Seals : Nbr seals

Guide : Linear mini bearing guide

Piston Rod : Hard Chromed steel

Guide profiles : Hardened aluminium

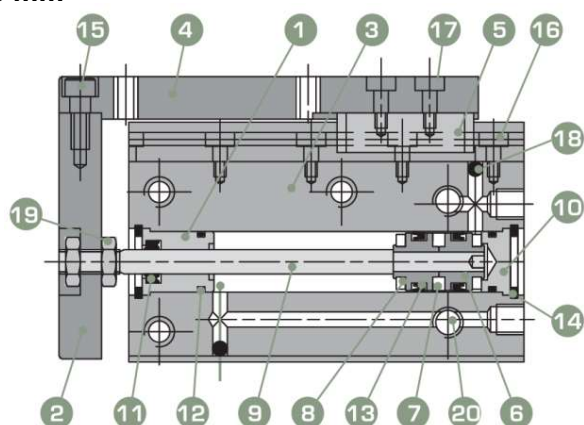
Magnet : Synthetic rubber

Standart diameters : Ø 10 mm – Ø 20 mm

Standart strokes : 10 mm - 30 mm – 50 mm

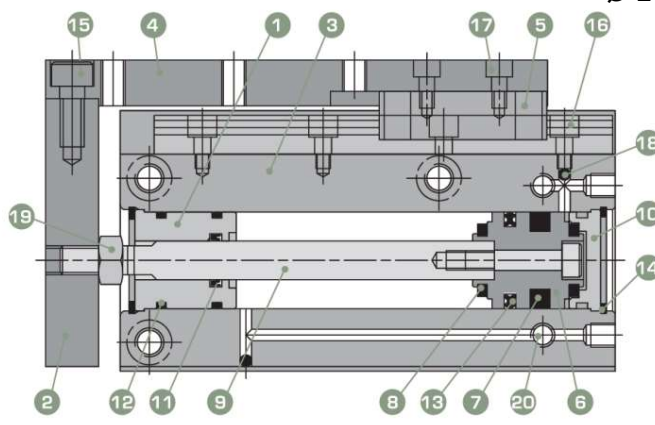
INTERNAL PARTS for Ø 10 mm – 20 mm

Ø 10 mm



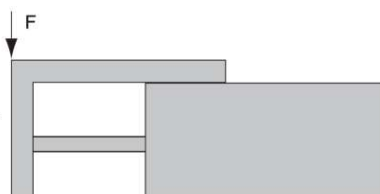
1. FRONT END COVER hard anodized aluminium
2. FRONT CONNECTING PLATE hard anodized aluminium
3. BARREL hard anodized aluminium alloy
4. SIDE END PLATE hard anodized aluminium alloy
5. MINI LINEER GUIDE
6. PISTON Brass / aluminium alloy
7. MAGNET sythetic rubber
8. BUMPER pu.
9. PISTON ROD Cr. Plated steel
10. REAR END COVER Brass / Aluminium alloy

Ø 20 mm



11. PISTON ROD SEAL nbr
12. END COVER SEAL nbr
13. PISTON SEAL nbr
14. SNAP RING carbon steel
15. HEAD CAP SCREW carbon steel
16. HEAD CAP SCREW carbon steel
17. HEAD CAP SCREW carbon steel
18. LONG STEEL ALLOY carbon steel
19. NUT brass
20. SCREW steel
21. WASHER stainless steel

APPLICABLE FORCES F max. (Kg.)



Ø mm / stroke	10 mm	30 mm	50 mm
10	0,3	0,2	0,1
20	0,4	0,3	0,2

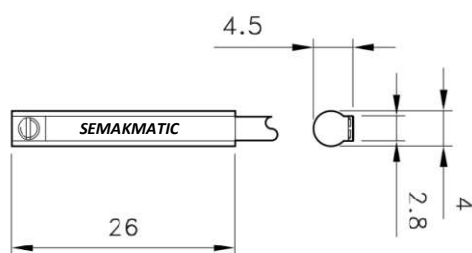
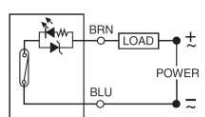
Sample : Ø 20 with max. 50 mm stroke ,
the vertical load can be max. 200 gr. (0,2 kg.)
with 100 mm / sec .

Sample : Ø 20 with max. 30 mm stroke
the vertical load can be max. 300 gr.
with 100 mm / sec.

TYPE 1 SENSOR



TYPE 1

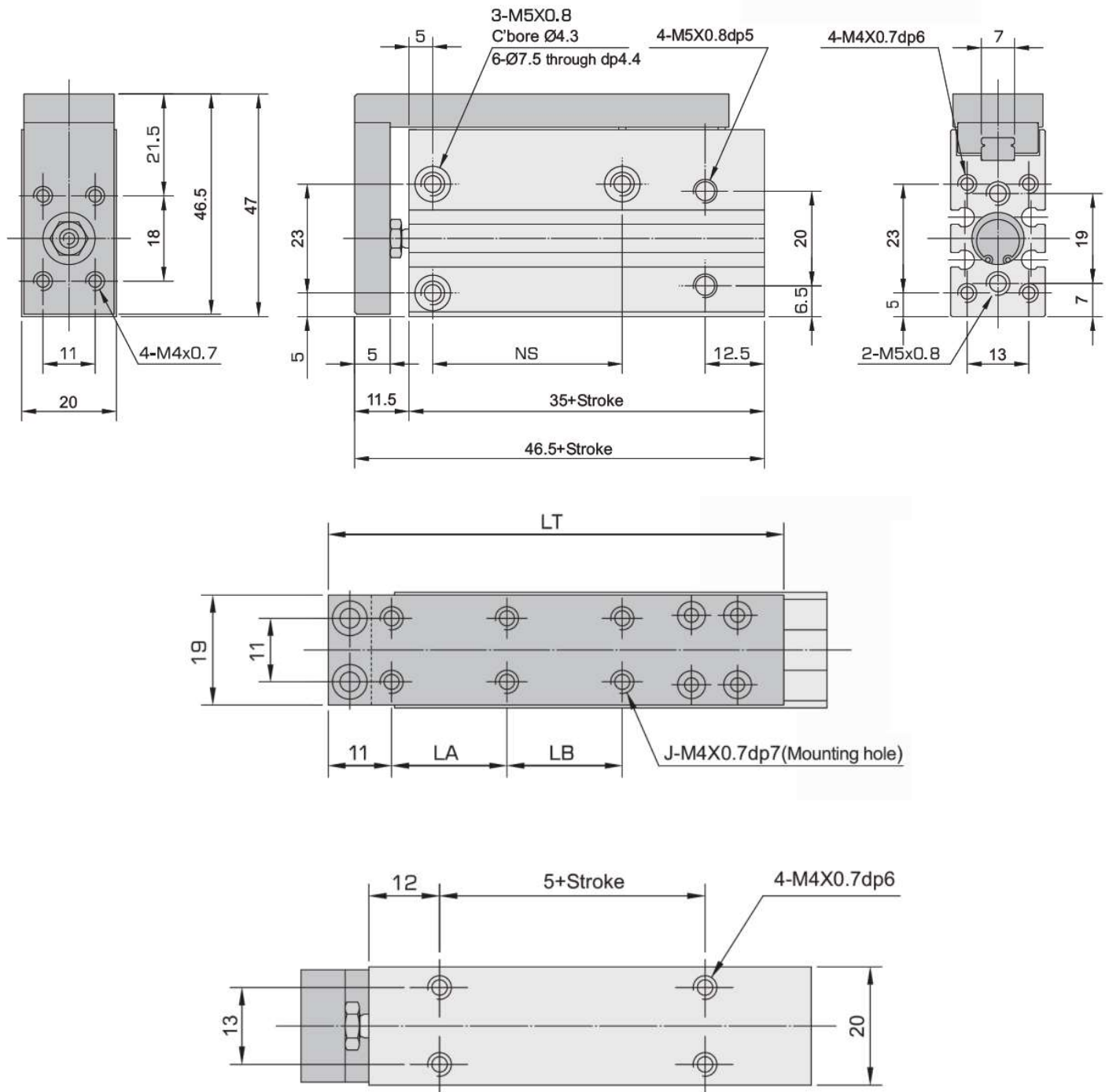


Ordering Cod.
SMSS5V0115ACDC1

Circuit	: Reed 2 wire
Switching	: Normally open N.O.
Voltage	: 5 - 115 v AC / DC
Contact Rating	: 6 W max.
Voltage drop	: 3,5 V max.
Led color	: Red
Cable	: Ø 2,8 mm Grey color

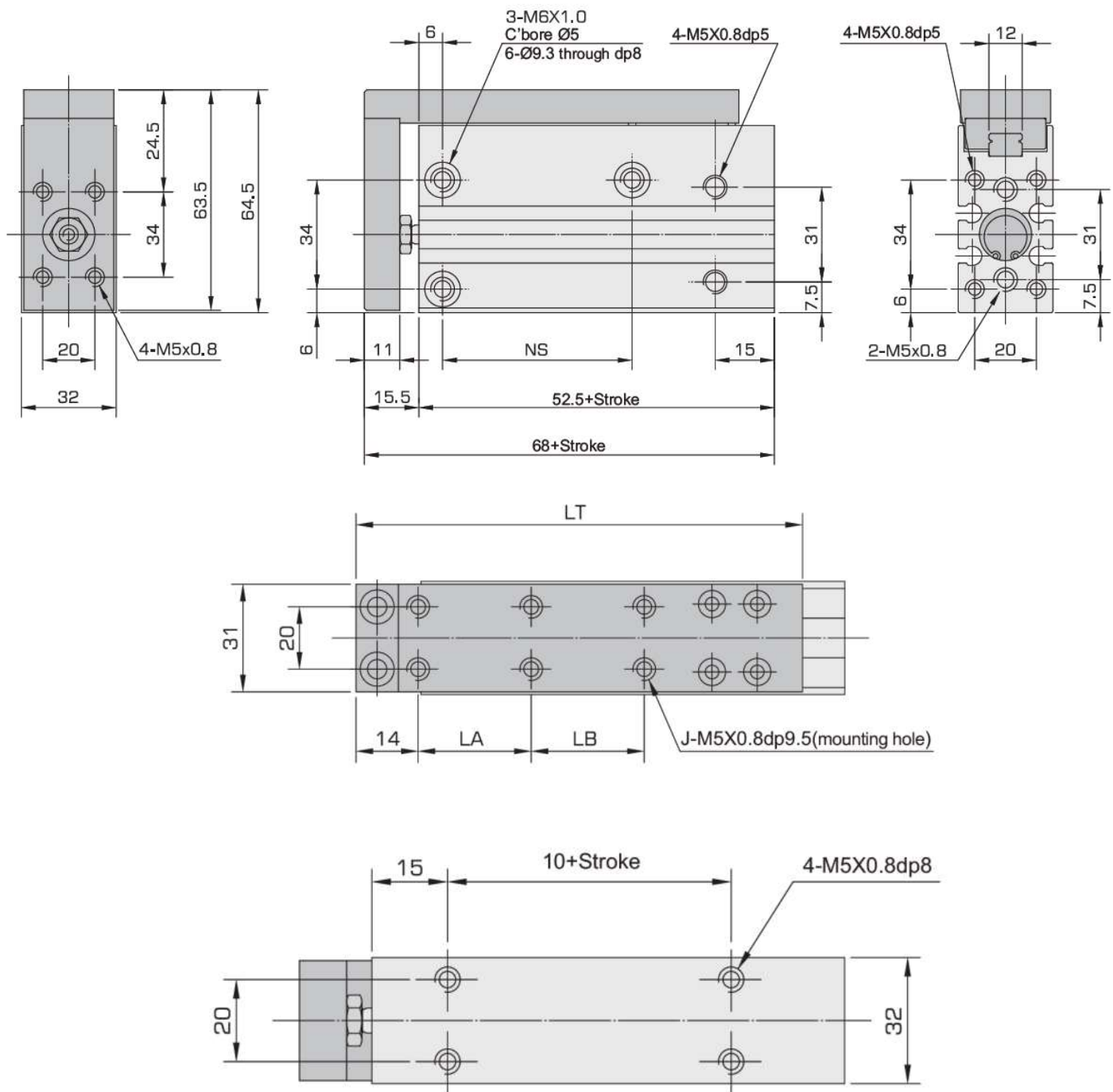
COMPACT SERIE with SIDE GUIDING UNIT

DIMENSIONS for Ø 10 mm



Ø 10 stroke	J	LA	LB	LT	NS
10	4	10	...	49	14
30	4	30	...	69	30
50	6	25	25	89	55

DIMENSIONS for Ø 20 mm



Ø 20 stroke	J	LA	LB	LT	NS
10	4	10	...	64	20
30	4	30	...	84	40
50	6	25	25	104	70

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