



KOMPAK SERİ

ÖN KIZAKLI SİLİNDİRLER

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SEMAK[®]MATIC
PNEUMATIC EQUIPMENTS

COMPACT SERIE with FRONT GUIDING UNIT



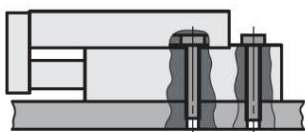
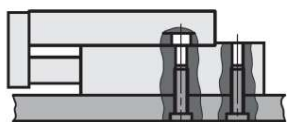
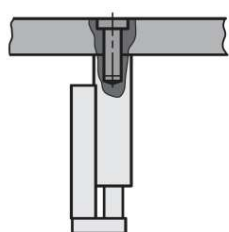
Twin Piston

Compact serie with front guiding unit



Mini guide

- ☐ Integrated working table with bearing guide unit .
- ☐ Twin piston makes double the force .
- ☐ Threaded for body mounting .
- ☐ Pin holes for easy positioning .
- ☐ Suitable for precise automation .
- ☐ Piston speed range between 50 – 200 mm / sec.
- ☐ Suitable for high speed applications .
- ☐ Rubber bumper on both hands .
- ☐ Sensor groove , only one side



Sample of assemble

ORDERING CODES

- | | |
|-------------------------------|--------------------------|
| ordering code for Ø 08 mm * 2 | : SMS008 / CMOOK |
| ordering code for Ø 16 mm * 2 | : SMS016 / CMOOK |
| ordering code for Ø 25 mm * 2 | : SMS025 / CMOOK |

ORDERING CODE FOR SENSOR

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

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 : Lineer bearing guide

Piston Rod : Hard Chromed steel

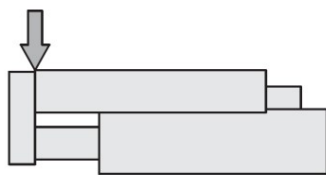
Guide profiles : Hardened aluminium

Magnet : Synthetic rubber

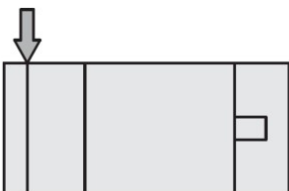
Standart diameters : Ø 08 mm - Ø 16 mm - Ø 25 mm

Standart strokes : 10 mm - 30 mm – 50 mm – 75 mm – 100 mm

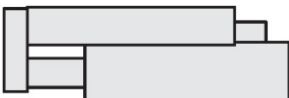
APPLICABLE FORCES F max. (Kg.)



Sample : Ø 8 with max. 75 mm stroke ,
the vertical load can be max. 170 gr.
with 200 mm / sec .



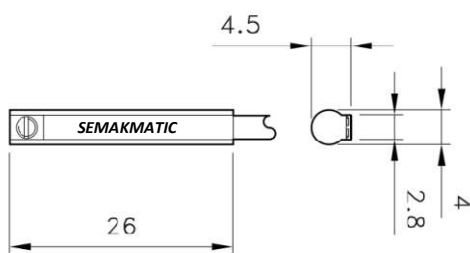
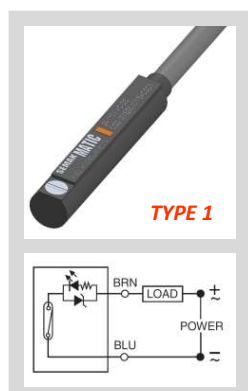
Sample : Ø 16 with max. 50 mm stroke ,
the vertical load can be max. 250 gr.
with 200 mm / sec .



Sample : Ø 25 with max. 100 mm stroke
the vertical load can be max. 300 gr.
with 200 mm / sec .

Ø mm / stroke	10 mm	30 mm	50 mm	75 mm	100 mm
8 mm * 2	0,2	0,185	0,175	0,17	
16 mm * 2	0,3	0,27	0,25	0,22	0,2
25 mm * 2	0,4	0,375	0,35	0,34	0,3

TYPE 1 SENSOR



Ordering Cod.
SMSS5V0115ACDC1

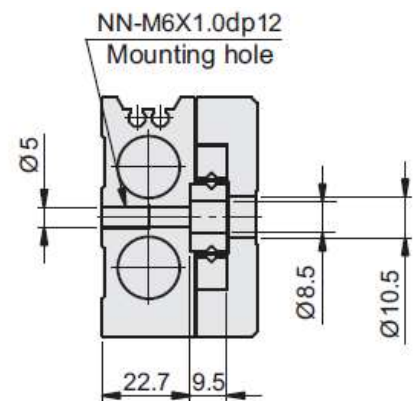
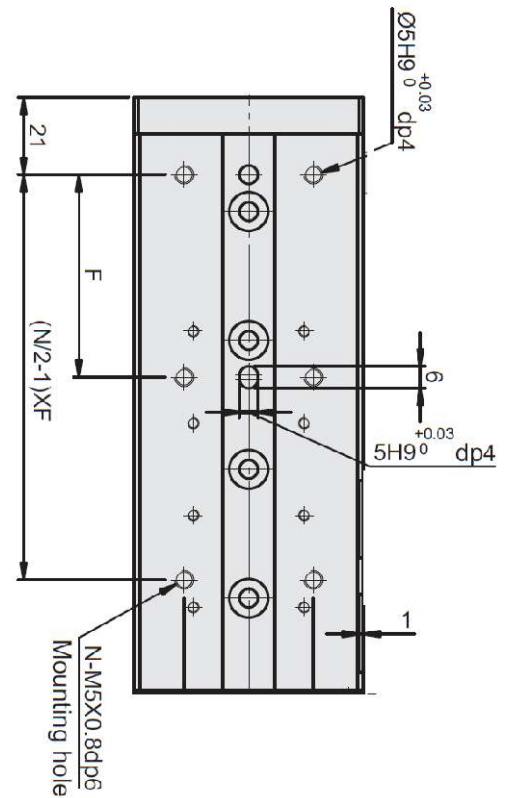
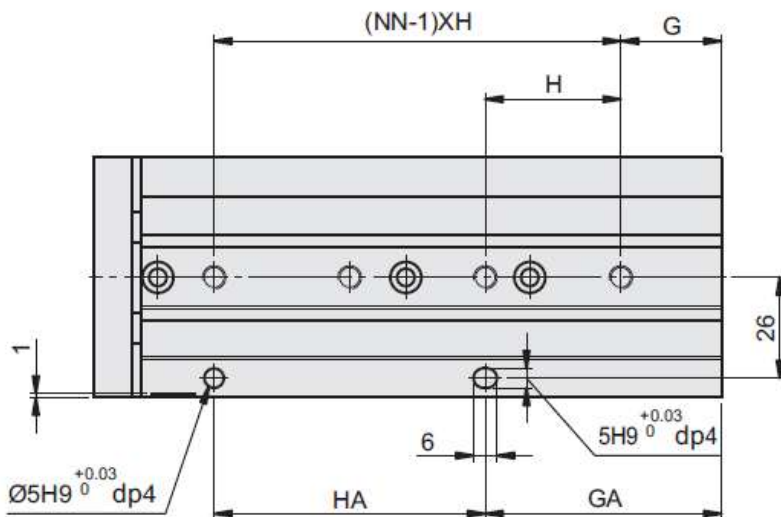
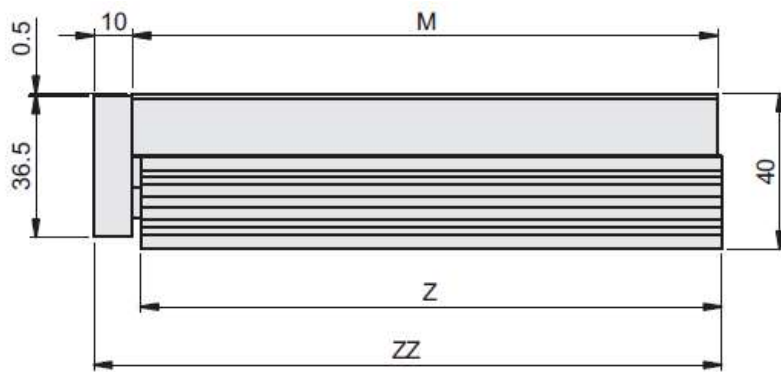
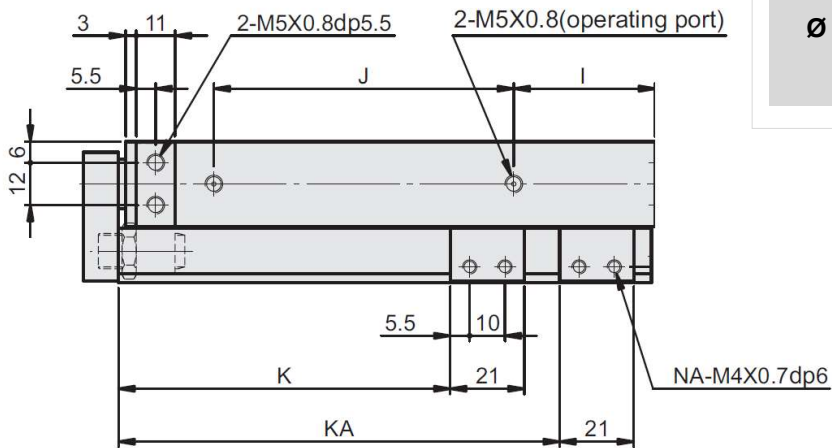
Circuit	: Reed 2 wire
Switching	: Normally open N.O.
Voltage	: 5 - 115 v AC / DC
Contact Rating	: 6 W max.
Voltage drop	: 3,5 V max.
Led color	: Red
Cable	: Ø 2,8 mm Grey color

COMPACT SERIE with FRONT GUIDING UNIT

DIMENSIONS for Ø 16 mm * 2

Theoretical output (kg.) (thrust / traction)

Ø mm / bar	3 bar	5 bar
16 mm * 2	12 / 9	20 / 15

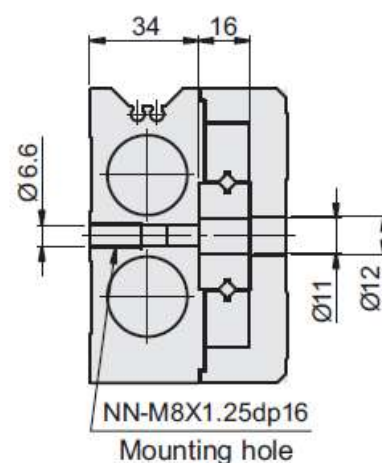
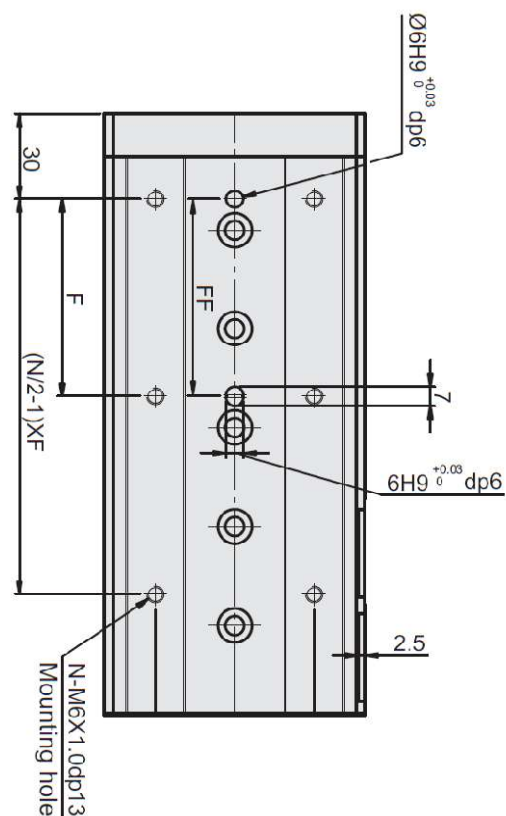
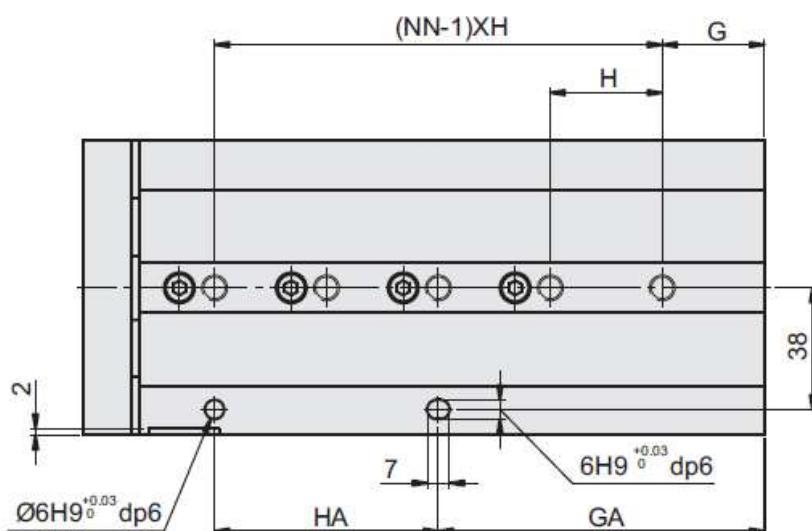
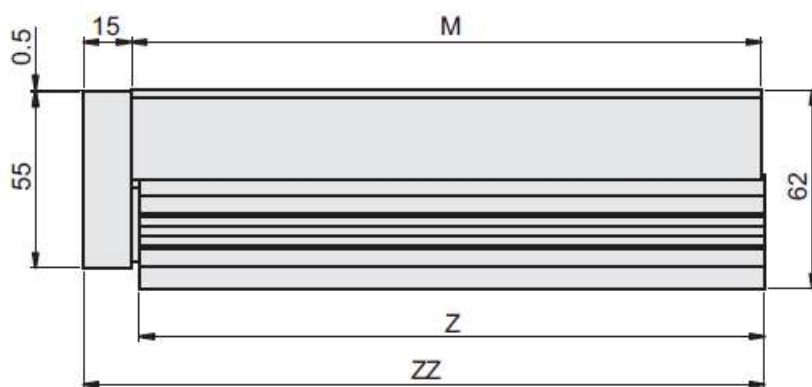
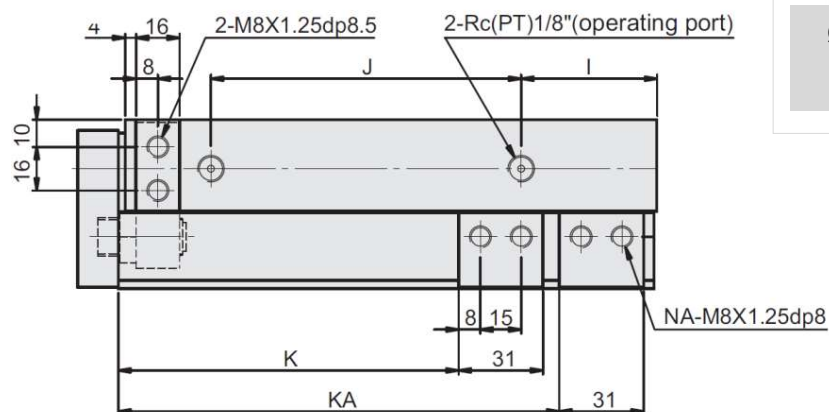


STROKE	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
10 mm	35	4	16	40	2	16	40	10	40	29	...	2	76	75	87
30 mm	35	4	16	40	2	16	40	10	40	49	...	2	76	75	87
50 mm	30	6	21	30	3	51	30	15	60	69	...	2	101	100	112
75 mm	55	6	26	35	4	61	70	40	85	94	125	4	151	150	162
100 mm	65	6	39	35	5	109	70	55	118	119	173	4	199	198	210

DIMENSIONS for Ø 25 mm * 2

Theoretical output (kg.) (thrust / traction)

Ø mm / bar	3 bar	5 bar
25 mm * 2	29,5 / 23	49 / 38



STROKE	F	FF	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
10 mm	50	40	4	22	45	2	22	45	12	47	35	...	2	92	90.5	108
30 mm	50	40	4	22	45	2	22	45	12	47	55	...	2	92	90.5	108
50 mm	35	35	6	20	35	3	55	35	12	70	75	...	2	115	113.5	131
75 mm	60	60	6	26	35	4	61	70	33	90	100	...	2	156	154.5	172
100 mm	70	70	6	32	35	5	102	70	50	114	125	162	4	197	195.5	213

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