

# GUIDING AND STOPPER CYLINDER

## M/61000/M and M/61000/MR

Double acting – Ø 32 ... 80 mm

Guiding accuracy ± 0,02 mm

Non-rotation accuracy ± 0,02°

Integrated heavy duty guide rods

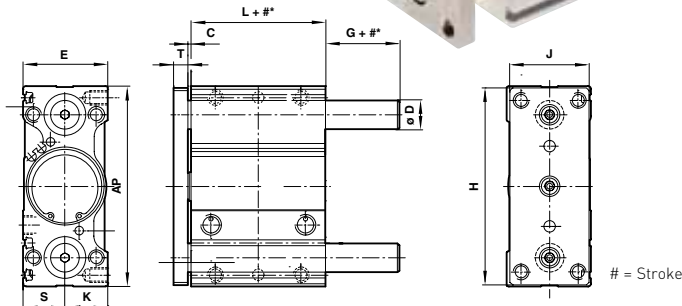
Linear ball bearing option provides precision guiding for higher speeds

Plain bearing option offers higher side load capacity

Easy installation

Magnetic piston as standard

Buffer pad for noise reduction



### TECHNICAL DATA

#### Medium:

Compressed air, filtered, lubricated or non-lubricated

#### Operating pressure:

1 to 10 bar

#### Operating temperature:

-10°C to +80 °C

Consult our Technical Service for use below +2°C

### Dimensions

Dia. Ø	AP	C	D *1)	D *2)	E	G *3)	H	J	K	L *3)	S	T
32	114	1,5	16	20	51	8,5	112	48	26	38	25	8
40	124	2	16	20	51	2	122	48	26	44	25	8
50	140	2	20	25	59	7	138	56	30	44	29	10
63	150	2	20	25	72	2	148	69	36,5	49	35,5	10
80	188	1,5	25	30	92	2	185	88	46,5	57	45,5	16

\*1 = MR version – ball bearings \*2 = M version – plain bearings

\*3 = The dimensions of M/61100 with 25 mm of stroke are identical with 50 mm stroke

### Models

PLAIN BEARINGS Model	BALL BEARINGS Model	Dia. Ø	Stroke	Port size	Guide rod Ø (X2)	Reed switch with integral 5 m cable	Banjo flow control	Straight fitting	Elbow Fitting	Service kit
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M/61032/M/25		32	25	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61032/00
M/61032/M/50		32	50	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61032/00
M/61032/M/75		32	75	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61032/00
M/61032/M/100		32	100	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61032/00
M/61040/M/25		40	25	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61040/00
M/61040/M/50		40	50	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61040/00
M/61040/M/75		40	75	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61040/00
M/61040/M/100		40	100	G1/8	20	M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61040/00
M/61050/M/25		50	25	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61050/00
M/61050/M/50		50	50	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61050/00
M/61050/M/75		50	75	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61050/00
M/61050/M/100		50	100	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61050/00
M/61063/M/25		63	25	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61063/00
M/61063/M/50		63	50	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61063/00
M/61063/M/75		63	75	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61063/00
M/61063/M/100		63	100	G1/4	25	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61063/00
M/61080/M/25		80	25	G1/4	30	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61080/00
M/61080/M/50		80	50	G1/4	30	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61080/00
M/61080/M/75		80	75	G1/4	30	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61080/00
M/61080/M/100		80	100	G1/4	30	M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61080/00
M/61032/MR/25	32	25	G1/8	16		M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61032/00
M/61032/MR/50	32	50	G1/8	16		M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61032/00
M/61040/MR/25	40	25	G1/8	16		M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61040/00
M/61040/MR/50	40	50	G1/8	16		M/50/LSU/5V	C0K510618	C02250618	C02470618	QM/61040/00
M/61050/MR/25	50	25	G1/4	20		M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61050/00
M/61050/MR/50	50	50	G1/4	20		M/50/LSU/5V	C0K510628	C02250628	C02470628	QM/61050/00

Alternative models available, please call your Express Team.



For further information  
[www.norgren.com/info/nec/en048](http://www.norgren.com/info/nec/en048)

If you can't see the option you require...  
 ...call the Express hotline now!