

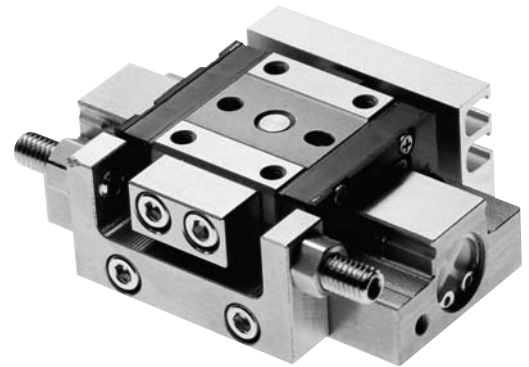
Compact precision linear slide tables
Double acting
Non-magnetic and magnetic
Ø 6 to 16 mm

**Ideal for applications demanding precise movement
within a confined space**

Light weight

Magnetic switching for positional feedback

Excellent service life



Technical data

Medium:

Compressed air, filtered, lubricated or non-lubricated

Operation:

Double acting precision slide table with linear guide

Operating pressure:

1,5 to 7 bar

(2,5 to 7 bar for Ø 8 mm models with shock absorbers)

(2 to 7 bar for Ø 10 mm models with shock absorbers)

Operating temperature:

+5°C to +60°C

Piston diameters:

6, 8, 10, 12 and 16 mm

Stroke lengths:

5, 10 mm (Ø 6 mm)

10, 20 mm (Ø 8 and 10 mm)

15, 25 mm (Ø 12 mm)

20, 30 mm (Ø 16 mm)

Operating speed:

120 cycles/min. maximum

45 cycles/min. maximum for Ø 8, 10 and 12 mm models
with shock absorbers

60 cycles/min. maximum for Ø 16 mm models

with shock absorbers

Materials:

Slide table: stainless steel, synthetic resin and synthetic rubber

Body: stainless steel

Stopper: nickel coated steel

Stroke adjustment bolts and nuts: nickel plated steel

Stroke adjustment bolts with rubber stops: stainless steel and
rubber

Stroke adjustment block: nickel coated carbon steel

Shock absorber: nickel coated copper alloy (Ø 8, 10 and 12 mm);

nickel coated carbon steel (Ø 16 mm)

Elastomers: synthetic rubber

Ordering information

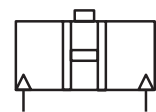
See page 3

Alternative models

See page 2



Non-magnetic



Magnetic





Alternative models

Symbol	Model (non-magnetic)	Symbol	Model (magnetic)	Description	Page
	M/261000/IR1		M/261000/MR1	No stroke adjustment	
	M/261000/IR2		Single side stroke adjustment, metal stop (Ø 6 mm models only)		
	M/261000/IR3		In and outstroke adjustment, metal stop		
	M/261000/IR4		In and outstroke adjustment, shock absorbers		
	M/261000/IR5		Single side stroke adjustment, rubber stop (Ø 6 mm models only)		
	M/261000/IR6		In and outstroke adjustment, rubber stops		
	M/261000/IR/I		Standard location of ports, stroke adjusters and switch rail		
	M/261000/IR/S		Symmetrical location of ports, stroke adjusters and switch rail		
	M/261000/IR/P		Side ported		
	M/261000/IR/B		Base mounted		

Option selector

M/2610★★/★R★/★★/★★

Piston diameter (mm)	Substitute
6	06
8	08
10	10
12	12
16	16

Type	Substitute
Magnetic*	M
Non-magnetic	I

* Available for Ø 8, 10, 12 and 16 mm models only

Stroke adjustment	Substitute
No stroke adjustment	1
Single side adjustment, metal stop*	2
In and outstroke adjustment, metal stops**	3
In and outstroke adjustment, shock absorbers***#	4
Single side adjustment, rubber stop*	5
In and outstroke adjustment, rubber stops**	6

* Available for Ø 6 mm models only

** Available for Ø 8, 10, 12 and 16 mm models only

Not available on symmetric models

Standard stroke lengths (mm)
5 and 10 mm (Ø 6 mm)
10 and 20 mm (Ø 8 and 10 mm)
15 and 25 mm (Ø 12 mm)
20 and 30 mm (Ø 16 mm)

Port location	Substitute
Side ported	P
Base mounted	B

Location of switch rail and stroke adjusters	Substitute
Standard	I
Symmetric*	S

* Available for Ø 8, 10 and 12 mm models only. Ø 16 mm standard models can be converted into symmetric types by repositioning the blanking plugs to the opposite face.

Standard strokes

Ø mm	Standard stroke (mm)					
	5	10	15	20	25	30
6	●	●				
8		●		●		
10		●		●		
12			●		●	
16				●		●

Ordering examples

Slide table

To order a Ø 12 mm compact precision slide table magnetic, with stroke adjustment with rubber stops and a 25 mm stroke length

quote: **M/261012/MR6/IP/25**

Switches

To order a two wire solid state switch with LED indication, 1 m cable and 90° cable connection, specify part number

quote: **M/419/EAU/1**



Switches with LED

Reed In-line cable	Reed 90° cable	Solid state In-line cable	Solid state 90° cable
M/369/LSU/1	M/370/LSU/1	M/418/EAU/1	M/419/EAU/1
M/369/LSU/3	M/370/LSU/3	M/418/EAU/3	M/419/EAU/3
		M/420/EAN/1	M/421/EAN/1
		M/420/EAN/3	M/421/EAN/3

Model	Reed	Solid state	Voltage V d.c	Current max.	Temperature °C	Output	Protection rating	Cable wire, material	Cable type	Cable length	Page
M/369/LSU/1	—	—	12 to 24	24	+5 to +60	—	IP 67	PVC 2 x 0,18	In-line	1 m	N/UK 4.3.091
M/369/LSU/3	—	—	12 to 24	24	+5 to +60	—	IP 67	PVC 2 x 0,18	In-line	3 m	N/UK 4.3.091
M/370/LSU/1	—	—	12 to 24	24	+5 to +60	—	IP 67	PVC 2 x 0,18	90°	1 m	N/UK 4.3.091
M/370/LSU/3	—	—	12 to 24	24	+5 to +60	—	IP 67	PVC 2 x 0,18	90°	3 m	N/UK 4.3.091
—	—	M/418/EAU/1	12 to 24	40	+5 to +60	PNP	IP 67	PVC 2 x 0,15	In-line	1 m	N/UK 4.3.093
—	—	M/418/EAU/3	12 to 24	40	+5 to +60	PNP	IP 67	PVC 2 x 0,15	In-line	3 m	N/UK 4.3.093
—	—	M/419/EAU/1	12 to 24	40	+5 to +60	PNP	IP 67	PVC 2 x 0,15	90°	1 m	N/UK 4.3.093
—	—	M/419/EAU/3	12 to 24	40	+5 to +60	PNP	IP 67	PVC 2 x 0,15	90°	3 m	N/UK 4.3.093
—	—	M/420/EAN/1	5 to 24	50	+5 to +60	NPN	IP 67	PVC 3 x 0,18	In-line	1 m	N/UK 4.3.093
—	—	M/420/EAN/3	5 to 24	50	+5 to +60	NPN	IP 67	PVC 3 x 0,18	In-line	3 m	N/UK 4.3.093
—	—	M/421/EAN/1	5 to 24	50	+5 to +60	NPN	IP 67	PVC 3 x 0,18	90°	1 m	N/UK 4.3.093
—	—	M/421/EAN/3	5 to 24	50	+5 to +60	NPN	IP 67	PVC 3 x 0,18	90°	3 m	N/UK 4.3.093

Mountings and accessories

	Stroke adjustment assembly (metal stop)	Stroke adjustment assembly (rubber stop)	Stroke adjustment assembly (shock absorbers)	Shock absorber	Switch rail	Magnet (with fixing screws)	Base mount 'O'rings (pack of 10)	
	ø mm							
M/261006/.R./...	6	—	—	—	—	M/P73431/3	QM/261000/00	
M/261008/.R./...	8	QM/261008/3/*	QM/261008/6/*	QM/261008/4/*	M/P73454/1	M/P73428/1*	M/P73431/3	QM/261000/00
M/261010/.R./...	10	QM/261010/3/*	QM/261010/6/*	QM/261010/4/*	M/P73454/1	M/P73428/2*	M/P73431/3	QM/261000/00
M/261012/.R./...	12	QM/261012/3/*	QM/261012/6/*	QM/261012/4/*	M/P73454/1	M/P73428/3*	M/P73431/3	QM/261000/00
M/261016/.R./...	16	QM/261016/3/*	QM/261016/6/*	QM/261016/4/*	M/P73454/2	M/P73428/4*	M/P73431/3	QM/261000/00

Stroke adjustment (metal stop) bolt and nut



	ø mm	5 mm stroke	10 mm stroke	15 mm stroke	20 mm stroke	25 mm stroke	30 mm stroke
M/261006/.R./...	6	M/P73424/2	M/P73424/3	—	—	—	—
M/261008/.R./...	8	—	M/P73424/1	—	M/P73424/1	—	—
M/261010/.R./...	10	—	M/P73424/1	—	M/P73424/2	—	—
M/261012/.R./...	12	—	—	M/P73424/3	—	M/P73424/5	—
M/261016/.R./...	16	—	—	—	M/P73424/7	—	M/P73424/7

Stroke adjustment bolt (rubber stop) and nut



	ø mm	5 mm stroke	10 mm stroke	15 mm stroke	20 mm stroke	25 mm stroke	30 mm stroke
M/261006/.R./...	6	M/P73425/2	M/P73425/3	—	—	—	—
M/261008/.R./...	8	—	M/P73425/1	—	M/P73425/1	—	—
M/261010/.R./...	10	—	M/P73425/1	—	M/P73425/2	—	—
M/261012/.R./...	12	—	—	M/P73425/3	—	M/P73425/5	—
M/261016/.R./...	16	—	—	—	M/P73425/7	—	M/P73425/7

* insert the stroke lengths (10, 15, 20, 25, or 30 mm)



Theoretical forces

Ø mm	Theoretical forces (N) at 6 bar
6	17
8	30
10	47
12	68
16	120

Stroke adjustment range

Ø mm	Stroke length (mm)	Metal or rubber stoppers	Shock absorbers
6	All	-5 mm on both sides	-
8	10	-5 mm on both sides	-10 mm on both sides
8	20	-5 mm on both sides	-7 mm on both sides
10	10	-6 mm on both sides	-10 mm on both sides
10	20	-7 mm on both sides	-15 mm on both sides
12	15	-5 mm on both sides	-10 mm on both sides
12	25	-5 mm on both sides	-15 mm on both sides
16	All	-10 mm on both sides	-18 mm on both sides

Maximum loads

Ø mm	Model	Maximum load (kg)
6	No stroke adjustment	0,3
6	With stroke adjustment (metal stop)	0,15
6	With stroke adjustment (rubber stop)	0,2
8	No stroke adjustment	0,3
8	With stroke adjustment (metal stop)	0,25
8	With stroke adjustment (rubber stop)	0,5
8	With stroke adjustment (shock absorbers)	1,0
10	No stroke adjustment	0,8
10	With stroke adjustment (metal stop)	0,4
10	With stroke adjustment (rubber stop)	0,8
10	With stroke adjustment (shock absorbers)	1,6
12	No stroke adjustment	1,2
12	With stroke adjustment (metal stop)	0,6
12	With stroke adjustment (rubber stop)	1,2
12	With stroke adjustment (shock absorbers)	2,0
16	No stroke adjustment	2,0
16	With stroke adjustment (metal stop)	1,0
16	With stroke adjustment (rubber stop)	2,0
16	With stroke adjustment (shock absorbers)	4,0

For models with shock absorbers – when installed vertically the load should not force the shock absorber to the end of it's stroke. In these cases the load mass should be <= 20% of the theoretical force of the unit (see 'Theoretical Forces' table above).

Shock absorber collision energy

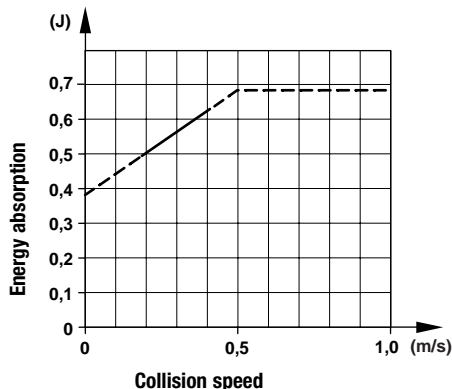
The energy that the shock absorber of the stopper must absorb consists of three elements: kinetic energy, energy of cylinder thrust and energy due to gravity. The energy collision is the total of all these. See the shock absorber specifications and energy absorption graphs below to select the correct product.

Specification of shock absorbers

Model	Stroke (mm)	Energy absorption J {kgf x m}	Energy absorption per minute J / minute {kgf x m / minute}	Collision speed m / sec.	Usage frequency c.p.m.	Service temperature °C	Piston rod return force N {kgf}
M/P73454/1	5	0,68 {0,07} or less	22,8 (2,3) or less	1 or less	60 or less	-5 ~ 70°	4,9 {0,5} or less
M/P73454/2	10	3,0 {0,3} or less	60,8 (6,2) or less	1 or less	60 or less	-5 ~ 70°	4,9 {0,5} or less

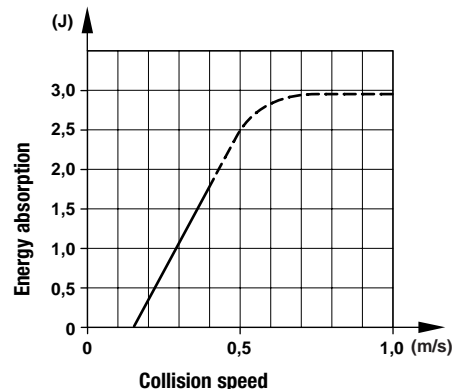
Ø 8 to 12 mm

Energy absorption graph



Ø 16 mm

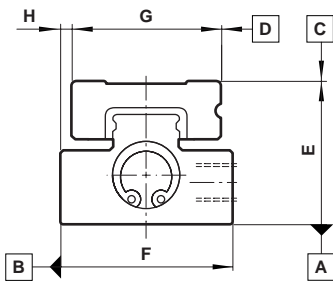
Energy absorption graph



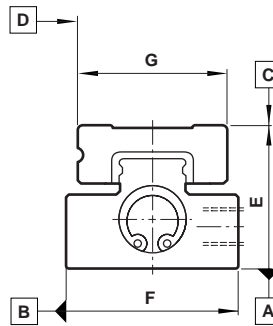


Accuracy

Standard



Symmetric



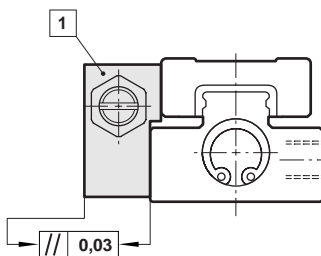
Standard (mm)

ø	Parallelism Plane C with respect to plane A	Parallelism Plane D with respect to plane B	Running parallelism Plane C with respect to plane A	Running parallelism Plane D with respect to plane B	Tolerance of dimension			
					E	F	G	H
6	0,03	0,03	0,005	0,005	±0,05	0 ≈ -0,2	0 ≈ -0,05	±0,1
8	0,03	0,03	0,005	0,005	±0,05	0 ≈ -0,2	0 ≈ -0,05	±0,1
10	0,02	0,02	0,004	0,004	±0,02	±0,2	±0,2	±0,025
12	0,02	0,02	0,004	0,004	±0,02	±0,2	±0,2	±0,025
16	0,02	0,02	0,003	0,003	±0,02	±0,2	±0,2	±0,025

Symmetric (mm)

ø	Parallelism Plane C with respect to plane A	Parallelism Plane D with respect to plane B	Running parallelism Plane C with respect to plane A	Running parallelism Plane D with respect to plane B	Tolerance of dimension		
					E	F	G
8	0,04	0,04	0,006	0,006	±0,05	0 ≈ -0,2	0 ≈ -0,05
10	0,03	0,03	0,006	0,006	±0,02	±0,2	±0,2
12	0,03	0,03	0,006	0,006	±0,02	±0,2	±0,2

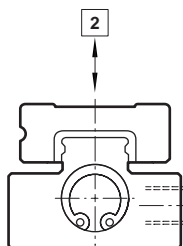
Parallelism of adjust block



On models with stroke adjustment, the side plane of the adjustment block can be used as a datum plane for installation. Parallelism 0,03 mm.

1 Adjustment block

Radial clearance and preloading (mm)



Radial clearance means clearance in vertical direction (see left figure) under constant light load. To minimise this clearance and increase rigidity, all bearings used for M/261000 are preloaded.

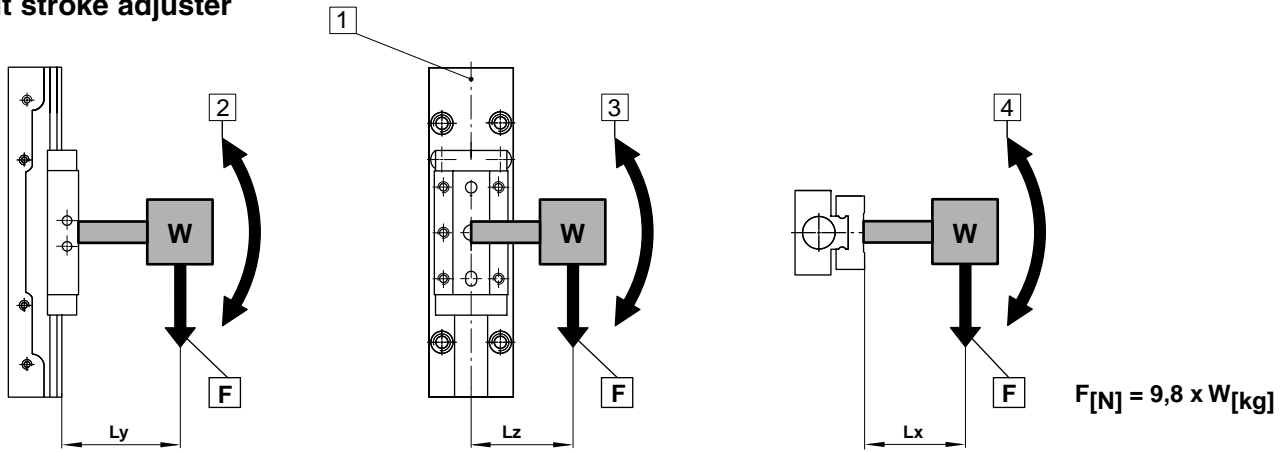
ø	Radial clearance
6	0 ≈ -0,002
8	0 ≈ -0,002
10	0 ≈ -0,0025
12	0 ≈ -0,003
16	0 ≈ -0,0035

2 Radial clearance

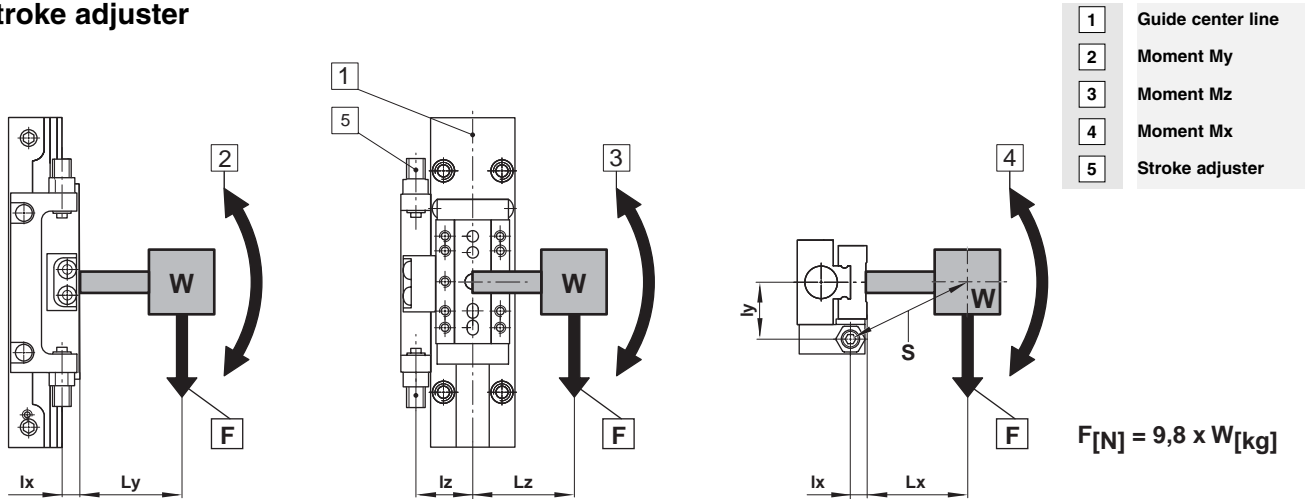


Moments and loads

Without stroke adjuster



With stroke adjuster



- 1 Guide center line
- 2 Moment My
- 3 Moment Mz
- 4 Moment Mx
- 5 Stroke adjuster

Theoretical moments

ø mm	Stroke mm	Theoretical moments (Nm)		
		Mx	My	Mz
6	5	0,87	0,42	0,42
6	10	0,87	0,42	0,42
8	10	0,87	0,42	0,42
8	20	1,8	1,7	1,7
10	10	2,3	1,2	1,4
10	20	3,3	2,8	3,1
12	15	4,7	2,4	2,9
12	25	7,3	6,5	7,7
16	20	7,5	4,3	3,8
16	30	9,6	7,5	6,6

To calculate theoretical moments use the following formula - Gravity acting on load (9,8) x mass of load (kg) x distance between centre line of linear slide table and load's centre of gravity (mm). Calculated values should not exceed those in the 'Theoretical moments' table.

Position of the guide and adjuster bolt

ø mm	Guide centre line positions (m)			
	Models with metal or rubber stops		Models with shock absorbers	
	lx	lz	lx	lz
6	0,0125	0,0075	-	-
8	0,0045	0,0155	0,0065	0,0175
10	0,0050	0,0180	0,0065	0,0200
12	0,0065	0,0215	0,0065	0,0225
16	0,0110	0,0265	0,0100	0,0280

W(kg): mass of a loaded work
 F(N): gravity acting on a loaded work
 Lx, Ly, and Lz (m): distance between the centre line of the guide and the centre of gravity of the loaded work
 lx, lz (m): distance between the centre line of the guide and the adjuster bolt
 S(m): distance between centre of gravity line of the load and the adjuster bolt



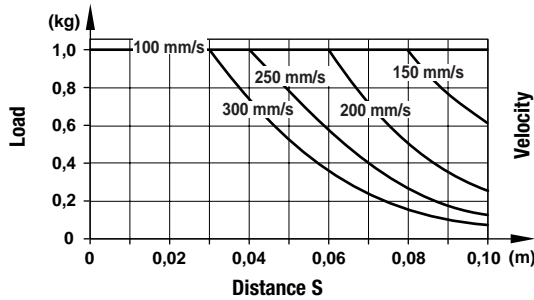
Maximum mass

When a linear slide table stops at the end of its stroke a force is generated due to the inertia of the load. The value of this force depends on various conditions. The graphs below consider the speed of movement, mass of the load and the distance between the load's centre of

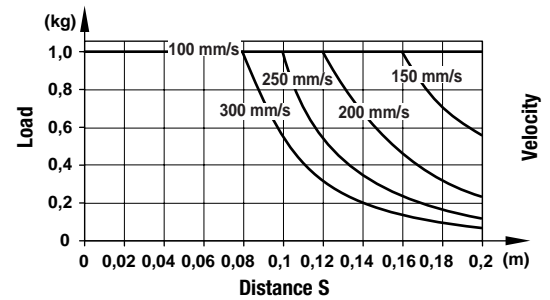
gravity and the stroke adjustment bolt of the linear slide table (dimension S in the drawing on page .06 that details rolling moment M_x). These graphs can be used as a guide to the allowable values of the load.

ø 6 mm, stroke 5 and 10 mm

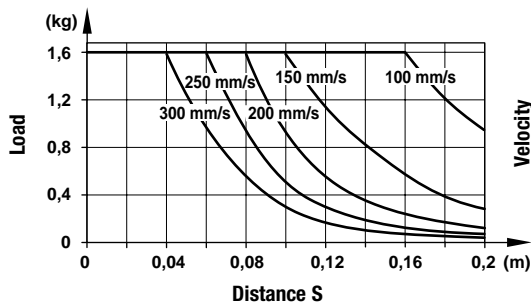
ø 8 mm, stroke 10 mm



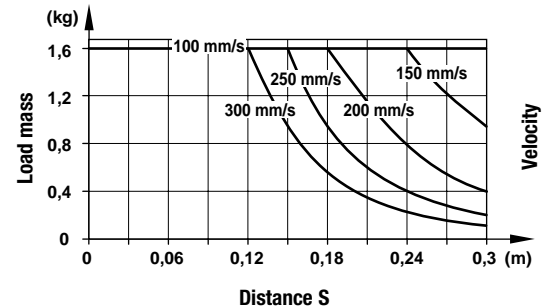
ø 8 mm, stroke 20 mm



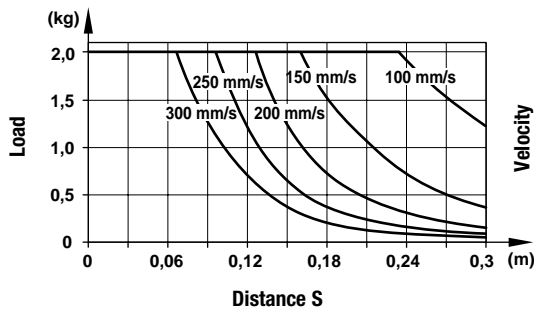
ø 10 mm, stroke 10 mm



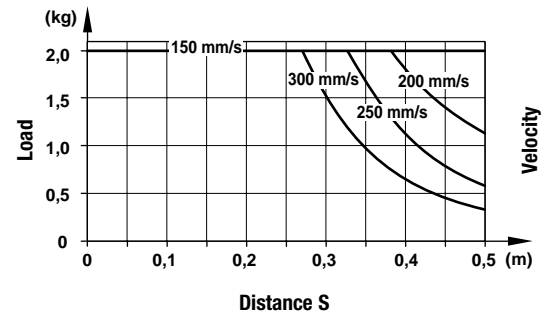
ø 10 mm, stroke 20 mm



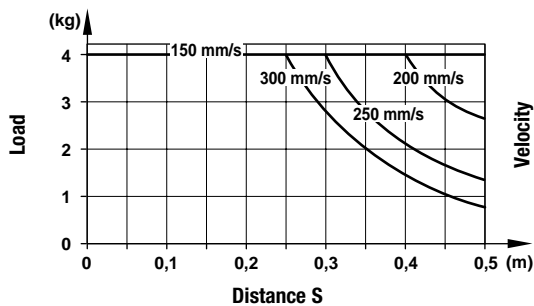
ø 12 mm, stroke 15 mm



ø 12 mm, stroke 25 mm



ø 16 mm, stroke 20 mm



ø 16 mm, stroke 30 mm

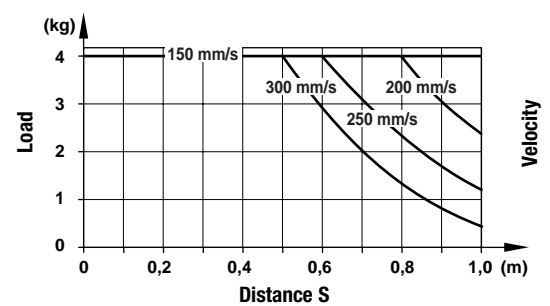
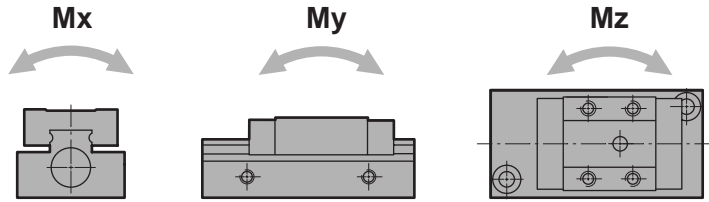




Table deflection angle

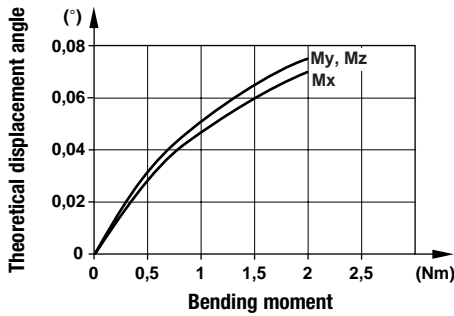
The bearings are preloaded, but the table may incline under external load (moment) due to elastic deformation

of balls and races. Graphs below show the deflection angle of the table in relation to the appropriate moment.

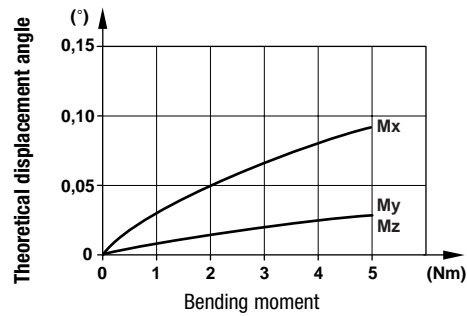


∅ 6 mm, stroke 5 and 10 mm

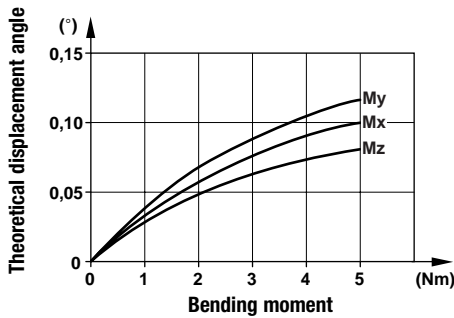
∅ 8 mm, stroke 10



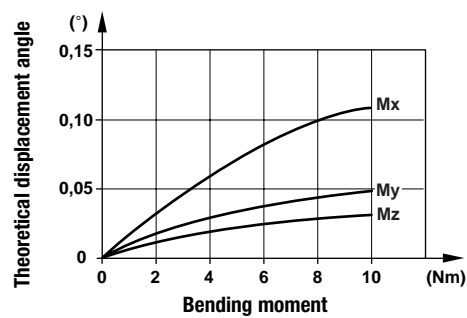
∅ 8 mm, stroke 20 mm



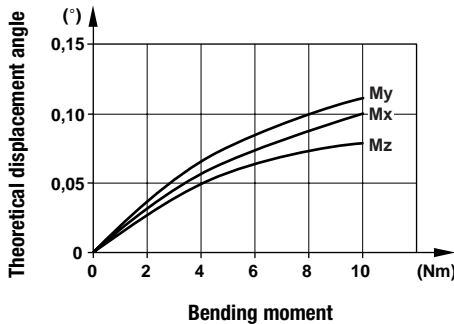
∅ 10 mm, stroke 10 mm



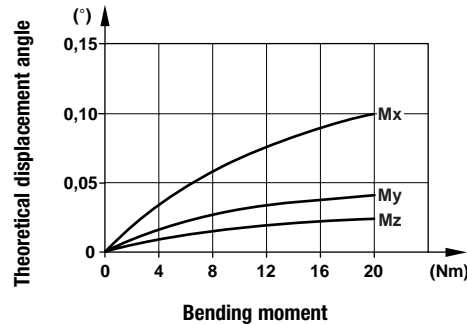
∅ 10 mm, stroke 20 mm



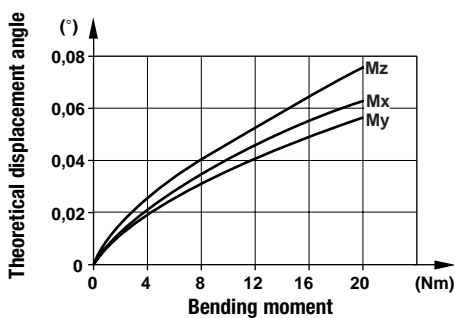
∅ 12 mm, stroke 15 mm



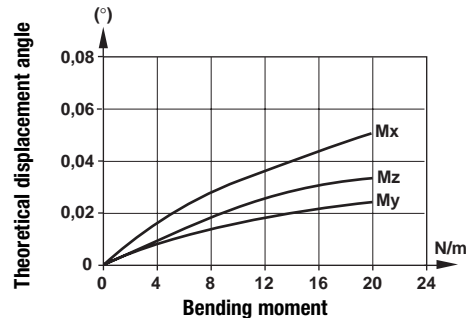
∅ 12 mm, stroke 25 mm



∅ 16 mm, stroke 20 mm



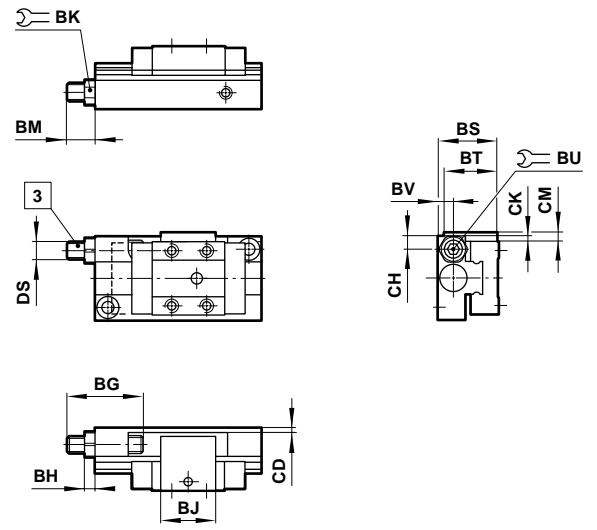
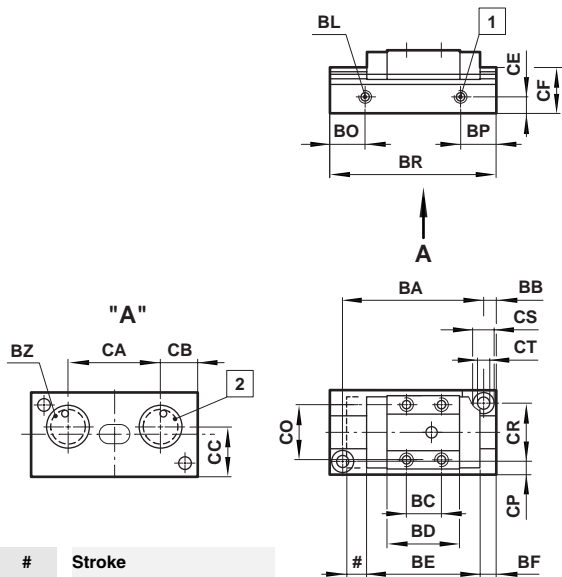
∅ 16 mm, stroke 30 mm





M/261006/IR1/I..., Standard compact precision slide table, no stroke adjustment

M/261006/IR2/I ..., M/261006/IR5/I ... Compact precision slide table with single side stroke adjustment



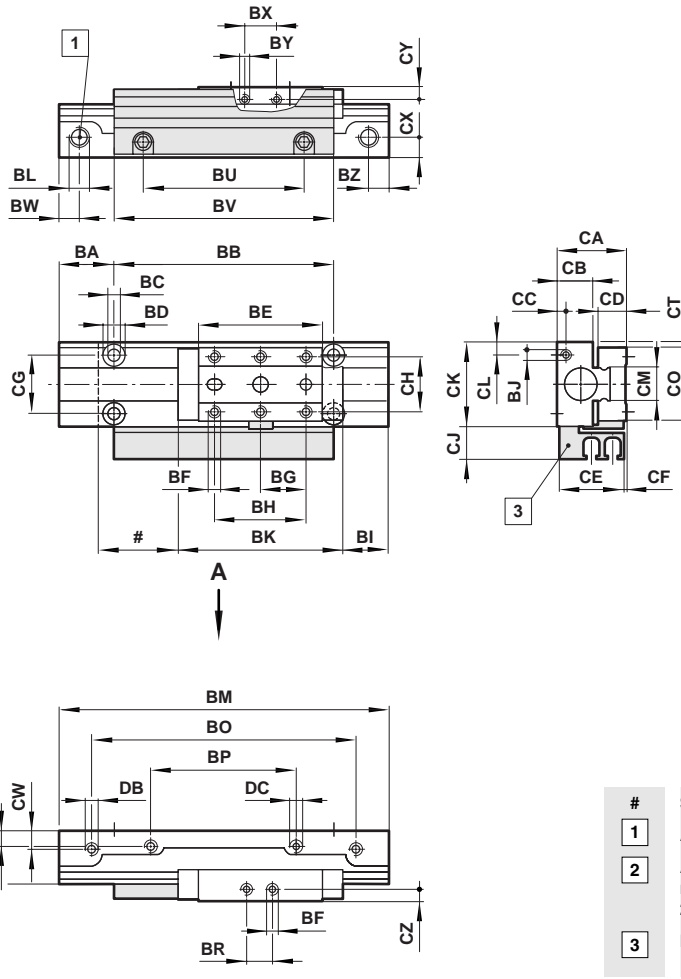
- # Stroke
- 1** Air ports side ported
- 2** Air ports base mounted
2 - Ø 9,5 (O-ring I/D)

- 3** Stroke adjustment bolt

Model	ø	BC	BD	BE	BH	BJ	⌀ BK	BL	BO	BP	BS	BT	⌀ BU
M/261006/IR../...	6	10	19,8	31	4	15	7	M3	9,7	5,7	16,7	14,2	2,5
Model	ø	BV	BW	BX	BY ±0,05	ø BZ	CB	CC	CD	CE	CF	CG -0,2	CH
M/261006/IR../...	6	4,5	7,8	7,8	17	9,5	8	14,5	1,8	5	12,5	23	4
Model	ø	CJ	CK ±0,1	CL -0,05	CM	CN ±0,1	CO	CP	CR	CS	CT	DS	
M/261006/IR../...	6	9	1,5	20	2,5	1,5	15	3,5	16	Ø 6	Ø 3,3	M5	
Model	ø	Stroke	BA	BB	BF	BG	BM	BR	CA	Weight kg			
M/261006/IR../5	6	5	38	3,5	4,5	22	max.9,5	45	25	0,080			
M/261006/IR../10	6	10	52	4	9,5	30	max.12,5	60	40	0,100			



M/2610../R1/I/.., Standard compact precision slide table, no stroke adjustment



Model	ø	BA	ø BC	ø BD	BF	BJ*	BL	BS	BW	BZ	CA	CB	CC
M/261008/R1/I/..	8	14	3,3	6	M3x3 deep	-	M5	M4x5 deep	5,5	5,5	19 ±0,05	9,8	-
M/261010/R1/I/..	10	14	3,3	6	M3x3 deep	M3x5 deep	M5	M4x5 deep	6	6	20 ±0,02	9,5	4
M/261012/R1/I/..	12	15	4,2	8	M3x4 deep	M3x5 deep	M5	M5x4,5 deep	6	6	22 ±0,02	9,5	5,5

Model	ø	CD	CE	CF	CG	CH	CJ	CK	CL	CM	CO	CP	CR
M/261008/R1/I/..	8	7,8	18	0,5	16	15	9	23 -0,2	-	9	20 -0,05	7	13,5
M/261010/R1/I/..	10	10	19	0,5	21	20	10	28 ±0,2	5	12	27 ±0,2	7,5	17,5
M/261012/R1/I/..	12	12	19	1	24	25	10	33 ±0,2	6,5	15	32 ±0,2	8	21

Model	ø	ø CS	CT	CU	CV	CW	CX	CY	CZ
M/261008/R1/I/..	8	9,5	1,5 ± 0,1	14,5	3,5	4,5	5,5	3	3
M/261010/R1/I/..	10	9,5	0,5 ± 0,025	15,5	4	5,5	5,5	4	4
M/261012/R1/I/..	12	9,5	0,5 ± 0,025	17	5,5	5,5	5,5	4,5	4,5

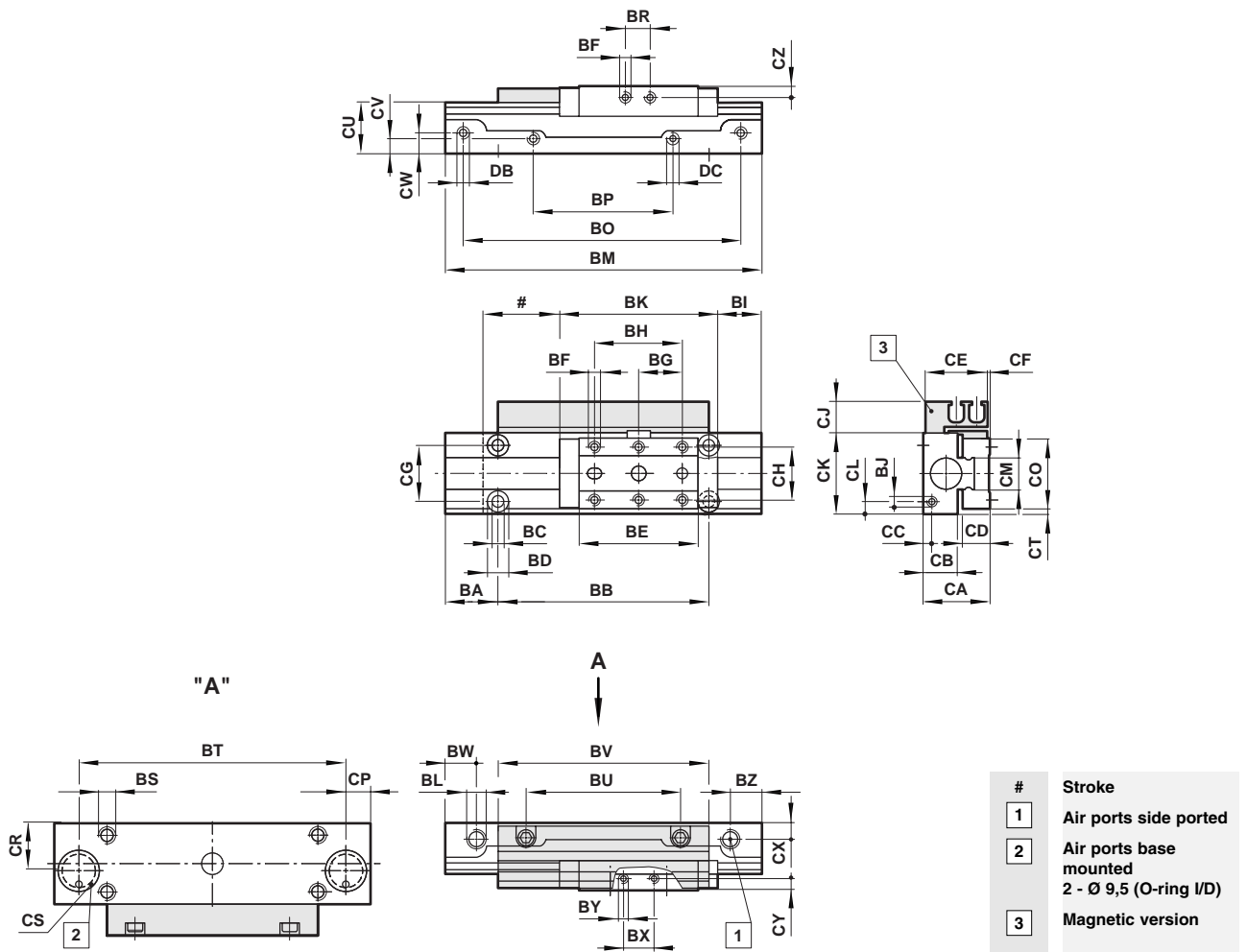
Model	ø	Stroke	BB	BE	BG	BH	BI	BK	BM	BO	BP
M/261008/R1/I/10	8	10	32	19,8	-	15	9,5	31	60	53	21
M/261008/R1/I/20	8	20	60	33,8	-	16	12,5	45	90	72	40
M/261010/R1/I/10	10	10	32	21	-	15	8	34	60	48	20
M/261010/R1/I/20	10	20	62	36	15	30	10,5	49	90	78	50
M/261012/R1/I/15	12	15	46	26,8	-	20	9,5	42	76	64	30
M/261012/R1/I/25	12	25	76	47,5	20	40	9,15	62,7	106	94	60

Model	ø	BR	BT	BU	BV	BX	BY	DB	DC	Weight kg	Magnetic kg
M/261008/R1/I/10	8	6,5	46	21	38	6,5	M3x3 deep	M3x4 deep	M3x4 deep	0,1	0,010
M/261008/R1/I/20	8	6,5	76	40	60	6,5	M3x3 deep	M3x4 deep	M3x4 deep	0,16	0,015
M/261010/R1/I/10	10	8	45	20	36	10	M2x3 deep	-	M3x5 deep	0,135	0,015
M/261010/R1/I/20	10	8	75	50	66	10	M2x3 deep	-	M3x5 deep	0,210	0,020
M/261012/R1/I/15	12	12	60	30	46	10	M3x5 deep	-	M3x5 deep	0,215	0,015
M/261012/R1/I/25	12	12	90	60	76	10	M3x5 deep	-	M3x5 deep	0,320	0,025

* applicable to ø10 and 12 models with stroke lengths >= 10mm



M/2610../R1/S../, Symmetric compact precision slide table, no stroke adjustment (Ø 8 to 12 mm)



Model	ø	BA	ø BC	ø BD	BF	BJ*	BL	BS	BW	BZ	CA	CB	CC
M/261008/R1/S../	8	14	3,3	6	M3x3 deep	-	M5	M4x5 deep	5,5	5,5	19 ±0,05	9,8	-
M/261010/R1/S../	10	14	3,3	6	M3x3 deep	M3x5 deep	M5	M4x5 deep	6	6	20 ±0,02	9,5	4
M/261012/R1/S../	12	15	4,2	8	M3x4 deep	M3x5 deep	M5	M5x4,5 deep	6	6	22 ±0,02	9,5	5,5

Model	ø	CD	CE	CF	CG	CH	CJ	CK	CL	CM	CO	CP	CR
M/261008/R1/S../	8	7,8	18	0,5	16	15	9	23 -0,2	-	9	20 -0,05	7	13,5
M/261010/R1/S../	10	10	19	0,5	21	20	10	28 ±0,2	5	12	27 ±0,2	7,5	17,5
M/261012/R1/S../	12	12	19	1	24	25	10	33 ±0,2	6,5	15	32 ±0,2	8	21

Model	ø	ø CS	CT	CU	CV	CW	CX	CY	CZ
M/261008/R1/S../	8	9,5	1,5 ± 0,1	14,5	3,5	4,5	5,5	3	3
M/261010/R1/S../	10	9,5	0,5 ± 0,025	15,5	4	5,5	5,5	4	4
M/261012/R1/S../	12	9,5	0,5 ± 0,025	17	5,5	5,5	5,5	4,5	4,5

Model	ø	Stroke	BB	BE	BG	BH	BI	BK	BM	BO	BP
M/261008/R1/S./10	8	10	32	19,8	-	15	9,5	31	60	53	21
M/261008/R1/S./20	8	20	60	33,8	-	16	12,5	45	90	72	40
M/261010/R1/S./10	10	10	32	21	-	15	8	34	60	48	20
M/261010/R1/S./20	10	20	62	36	15	30	10,5	49	90	78	50
M/261012/R1/S./15	12	15	46	26,8	-	20	9,5	42	76	64	30
M/261012/R1/S./25	12	25	76	47,5	20	40	9,15	62,7	106	94	60

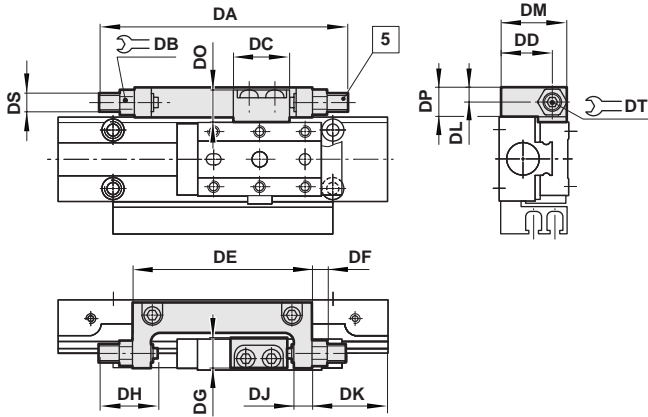
Model	ø	BR	BT	BU	BV	BX	BY	DB	DC	Weight kg	Magnetic kg
M/261008/R1/S./10	8	6,5	46	21	38	6,5	M3x3 deep	M3x4 deep	M3x4 deep	0,1	0,010
M/261008/R1/S./20	8	6,5	76	40	60	6,5	M3x3 deep	M3x4 deep	M3x4 deep	0,16	0,015
M/261010/R1/S./10	10	8	45	20	36	10	M2x3 deep	-	M3x5 deep	0,135	0,015
M/261010/R1/S./20	10	8	75	50	66	10	M2x3 deep	-	M3x5 deep	0,210	0,020
M/261012/R1/S./15	12	12	60	30	46	10	M3x5 deep	-	M3x5 deep	0,215	0,015
M/261012/R1/S./25	12	12	90	60	76	10	M3x5 deep	-	M3x5 deep	0,320	0,025

* applicable to Ø10 and 12 models with stroke lengths >= 10mm



M/2610../R3/..., Standard compact precision slide tables with stroke adjustment (metal stops, Ø 8 to 12 mm)

M/2610../R6/..., Standard compact precision slide tables with stroke adjustment (rubber stops, Ø 8 to 12 mm)



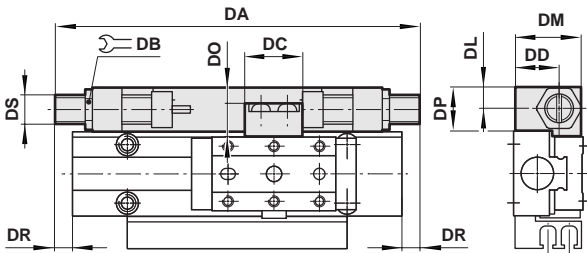
5 Adjustment bolt

Model	ø	DB	DC	DD	DF	DG	DL
M/261008/R../...	8	7	15,5	14,5	4	8	4
M/261010/R../...	10	7	16	15	4	8	4
M/261012/R../...	12	8	20	15,5	5	10	5

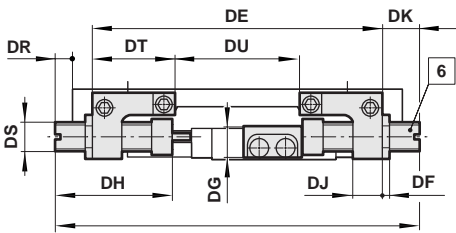
Model	ø	DM	DO	DP	DS	DT
M/261008/R../...	8	18,5	8	8	M5	2,5
M/261010/R../...	10	19,5	8	8	M5	2,5
M/261012/R../...	12	21,5	10	10	M6	3

Model	ø	Stroke	DA max.	DE	DH	DJ	DK	Weight (kg) Basic model +
M/261008/R../10	8	10	57,5	38	16	4,5	11	0,035
M/261008/R../20	8	20	67,5	49	16	5	20,5	0,045
M/261010/R../10	10	10	58	37	16	4,5	11,5	0,040
M/261010/R../20	10	20	80	66	22	10	16	0,060
M/261012/R../15	12	15	71	50	18	6	13	0,070
M/261012/R../25	12	25	89	68	22	10	19	0,090

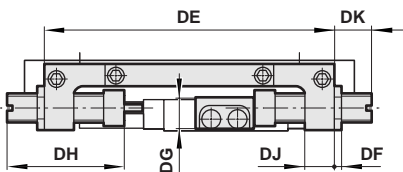
M/2610../R4/..., Standard compact precision slide tables with stroke adjustment (shock absorbers, Ø 8 to 12 mm)



Size for ø 8 mm



Size for ø 10 and 12 mm



6 Shock absorber

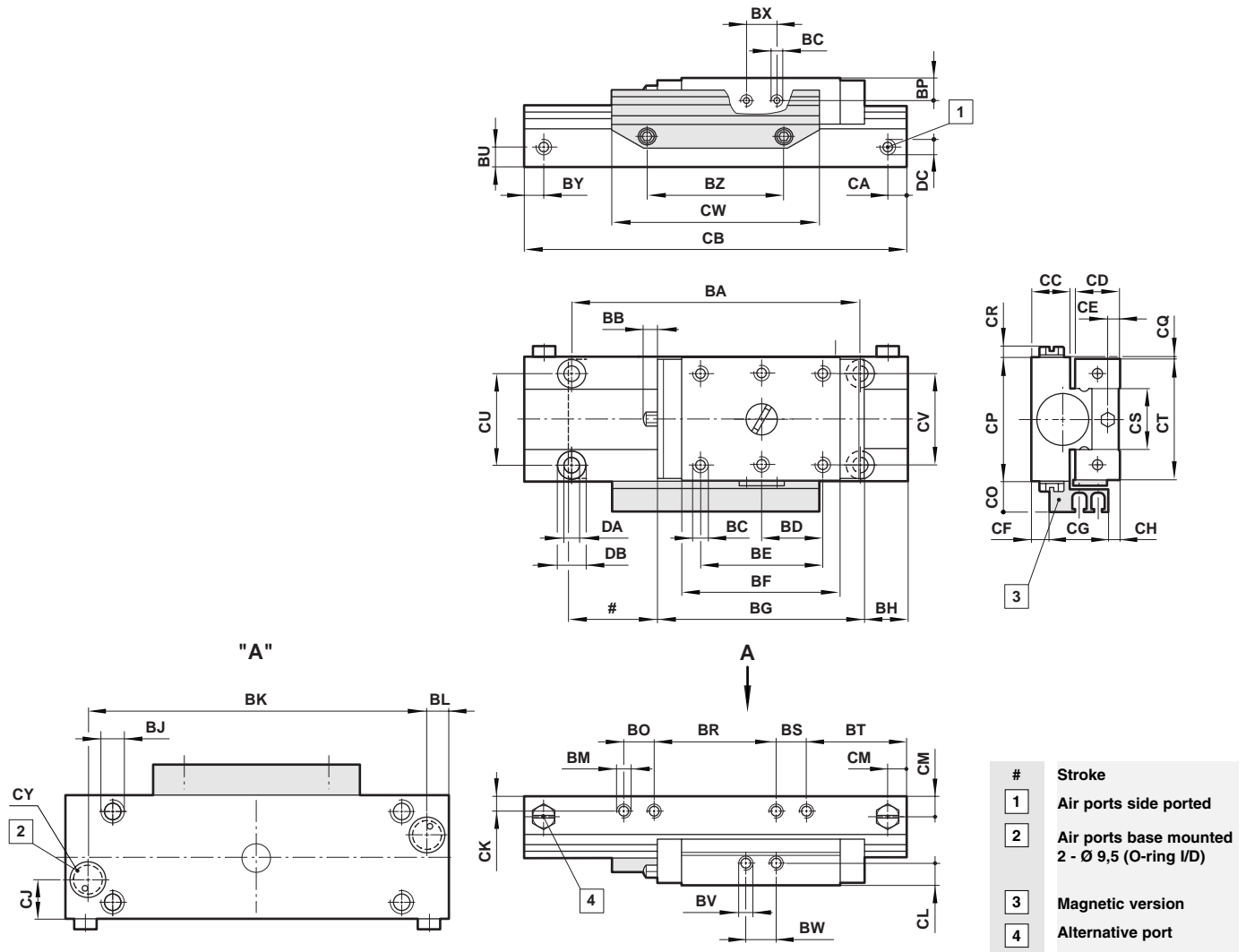
Model	ø	DB	DC	DD	DF	DG	DH	DJ
M/261008/R4/...	8	11	15,5	12,5	2	8	32	8
M/261010/R4/...	10	11	16	13,5	2	8	32	5
M/261012/R4/...	12	11	20	15,5	2	10	32	6

Model	ø	DL	DM	DO	DP
M/261008/R4/...	8	6	18	8	12
M/261010/R4/...	10	6	19	8	12
M/261012/R4/...	12	6	21	10	12

Model	ø	Stroke	DA	DE	DJ	DK max.	DR max.	Weight (kg) Basic model +
M/261008/R4../10	8	10	89,5	60	8	15	15	0,065
M/261008/R4../20	8	20	99,5	79	8	10,5	5	0,065
M/261010/R4../10	10	10	90	60	5	15	15	0,070
M/261010/R4../20	10	20	100	60	5	20	5	0,070
M/261012/R4../15	12	15	99	71	6	13,5	11,5	0,090
M/261012/R4../25	12	25	109	71	10	17,5	1,5	0,090



M/2610../R1/I/.., Standard compact precision slide table, no stroke adjustment (Ø 16 mm)



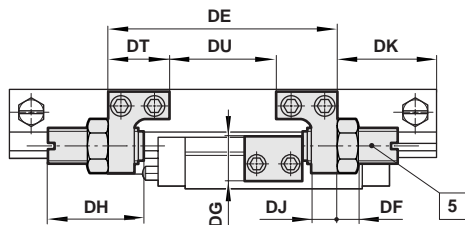
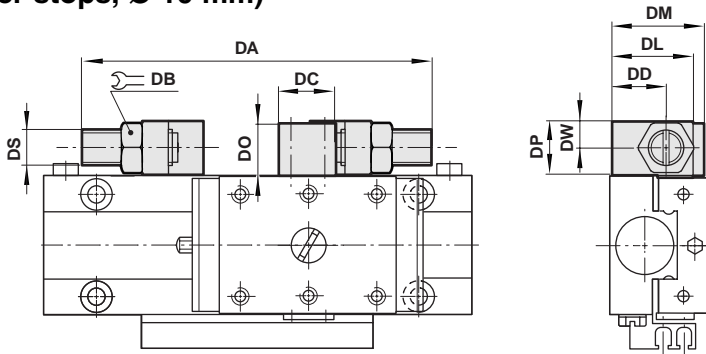
- | # | Stroke |
|---|--|
| 1 | Air ports side ported |
| 2 | Air ports base mounted
2 - Ø 9,5 (O-ring I/D) |
| 3 | Magnetic version |
| 4 | Alternative port |

Model	ø	BB	BC	BJ	BL	BM	BO	BP	BS	BU	BV	BW	BX			
M/261016/R././..	16	4,5	M4x6 deep	M6x6 deep	7,5	M4x7 deep	10	7	10	6,5	M4x7 deep	10	10			
Model	ø	BY	CA	CC	CD	CE	CF	CG	CH	CJ	CK	CL	CM			
M/261016/R././..	16	6,5	6,5	12,5	15	4,2	6,2	19	3,8	13	5	7	6,5			
Model	ø	CO	CP	CQ	CR	CS	CT	CU	CV	ø DA	ø DB	DC				
M/261016/R././..	16	10	41 ±0.2	0,5	3,5	20	40 ±0.2	30	30	5,3	9,5x6,5 deep	M5				
Model	ø	Stroke	BA	BD	BE	BF	BG	BH	BK	BR	BT	BZ	CB	CW	Weight kg	Magnetic kg
M/261016/R././20	16	20	65	-	25	34,6	50	13	81	30	23	34	96	57	0,445	0,015
M/261016/R././30	16	30	95	20	40	52,3	68	14	111	40	33	45	126	68	0,610	0,020



M/261016/.R3/..., Standard compact precision slide table with stroke adjustment (metal stops, Ø 16 mm)

M/261016/.R6/..., Standard compact precision slide table with stroke adjustment (rubber stops, Ø 16 mm)

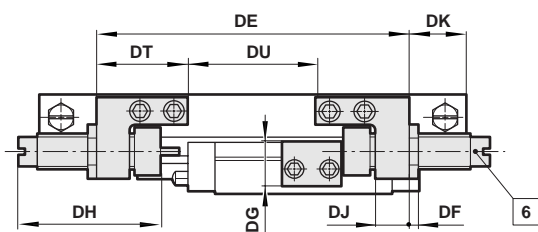
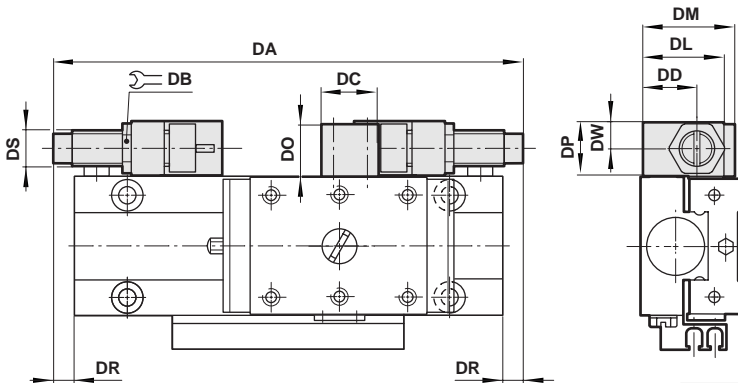


5 Adjustment bolt

Model	Ø	DB	DC	DD
M/261016/.R././..	16	10	20	18
Model	Ø	DF	DG	DH
M/261016/.R././..	16	5,5	14	25
Model	Ø	DJ	DL	DM
M/261016/.R././..	16	8	24	27,5
Model	Ø	DO	DP	
M/261016/.R././..	16	12	12	
Model	Ø	DS	DT	DW
M/261016/.R././..	16	M8	20	6

Model	Ø	Stroke	DA max.	DE	DK	DU	Weight (kg) Basic model +
M/261016/.R././20	16	20	90	60	18	20	0,100
M/261016/.R././30	16	30	100	70	28	30	0,100

M/261016/.R4/..., Standard compact precision slide table with stroke adjustment (shock absorbers, Ø 16 mm)



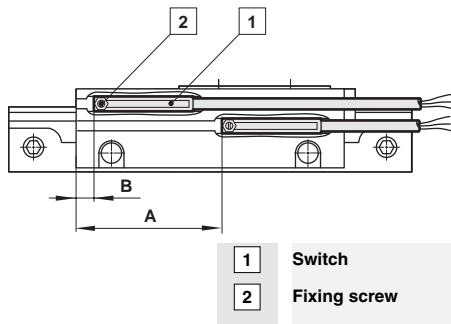
6 Shock absorber

Model	Ø	DB	DC	DD
M/261016/.R././..	16	13	20	19
Model	Ø	DF	DG	DH
M/261016/.R././..	16	3	14	50
Model	Ø	DJ	DL	DM
M/261016/.R././..	16	7	26,5	27,5
Model	Ø	DO	DP	DS
M/261016/.R././..	16	12	15	M10
Model	Ø	DT	DW	
M/261016/.R././..	16	25	7,5	

Model	Ø	Stroke	DA max.	DE	DK
M/261016/.R././20	16	20	140	70	13
M/261016/.R././30	16	30	150	80	23
Model	Ø	Stroke	DR max.	DU	Weight, basic model +
M/261016/.R././20	16	20	22	20	0,145
M/261016/.R././30	16	30	12	30	0,145



Switches



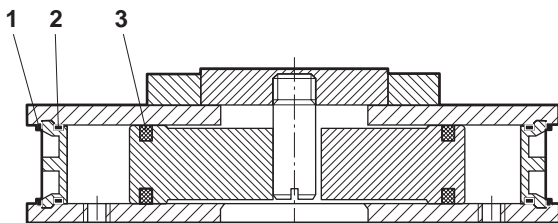
Reed switches

ø mm	stroke	Setting position	
		A	B
8	10	12	2
8	20	28	8
10	10	11	1
10	20	31	11
12	15	18,5	3,5
12	25	38,5	13,5
16	20	26,5	6,5
16	30	37	7

Solid state switches

ø mm	stroke	Setting position	
		A	B
8	10	14	4
8	20	30	10
10	10	13	3
10	20	33	13
12	15	20,5	5,5
12	25	40,5	15,5
16	20	28,5	8,5
16	30	39	9

Spares



ø mm	Spares kit	Comprising item	Description	Quantity
6	QM/261006/00	1	Circlip	2
8	QM/261008/00	2	O-Ring	2
10	QM/261010/00	3	Piston seal	2
12	QM/261012/00			
16	QM/261016/00			

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical Data'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.