M/261000/M

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

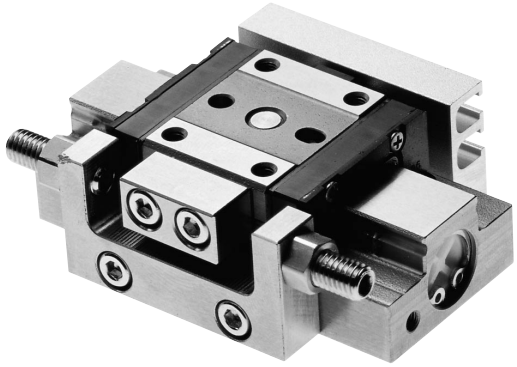
OBSOLETE DOCUMENT
Technical Reference Only

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
Consult our Technical Service for use below +2°C

Cylinder diameters:
6, 8, 10, 12 and 16 mm

Strokes:
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)

Speed:
120 cycles/min. max. for Ø 6 mm
45 cycles/min. max. for Ø 8, 10 and 12 mm models with shock absorbers
60 cycles/min. maximum for Ø 16 mm models with shock absorbers

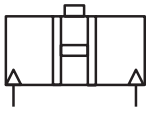
Ordering information

See page 2

Alternative cylinders

See page 3

Non-magnetic



Magnetic

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 polyurethane
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

Alternative cylinders

Symbol	Model Non-magnetic	Symbol	Model Magnetic	Description	page
	M/261000/IR1		M/261000/MR1	No stroke adjustment	9 + 10
	M/261000/IR2			Single side stroke adjustment, metal stop (Ø 6 mm models only)	9
	M/261000/IR3		M/261000/MR3	In and outstroke adjustment, metal stop	12
	M/261000/IR4		M/261000/MR4	In and outstroke adjustmentt, shock absorbers	12
	M/261000/IR5			Single side stroke adjustment, rubber stop (Ø 6 mm models only)	9
	M/261000/IR6		M/261000/MR6	In and outstroke adjustment, rubber stops	12
	M/261000/MR/I		M/261000/MR/I	Standard location of ports, stroke adjusters and switch rail	10
	M/261000/MR/S		M/261000/MR/S	Symmetrical location of ports, stroke adjusters and switch rail	11
	M/261000/MR/P		M/261000/MR/P	Side ported	9 + 10
	M/261000/IR/B		M/261000/MR/B	Base mounted	9 + 10

Options 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)	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

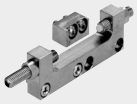
quote: M/419/EAU/1

Switches with LED indication

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 no.
M/369/LSU/1		12 ... 24	24 mA	+5 ... +60	–	IP 67	PVC 2 x 0,18	In-line	1 m	N/UK 4.3.091
M/369/LSU/3		12 ... 24	24 mA	+5 ... +60	–	IP 67	PVC 2 x 0,18	In-line	3 m	N/UK 4.3.091
M/370/LSU/1		12 ... 24	24 mA	+5 ... +60	–	IP 67	PVC 2 x 0,18	90°	1 m	N/UK 4.3.091
M/370/LSU/3		12 ... 24	24 mA	+5 ... +60	–	IP 67	PVC 2 x 0,18	90°	3 m	N/UK 4.3.091
	M/418/EAU/1	12 ... 24	40 mA	+5 ... +60	PNP	IP 67	PVC 2 x 0,15	In-line	1 m	N/UK 4.3.093
	M/418/EAU/3	12 ... 24	40 mA	+5 ... +60	PNP	IP 67	PVC 2 x 0,15	In-line	3 m	N/UK 4.3.093
	M/419/EAU/1	12 ... 24	40 mA	+5 ... +60	PNP	IP 67	PVC 2 x 0,15	90°	1 m	N/UK 4.3.093
	M/419/EAU/3	12 ... 24	40 mA	+5 ... +60	PNP	IP 67	PVC 2 x 0,15	90°	3 m	N/UK 4.3.093
	M/420/EAN/1	5 ... 24	50 mA	+5 ... +60	NPN	IP 67	PVC 3 x 0,18	In-line	1 m	N/UK 4.3.093
	M/420/EAN/3	5 ... 24	50 mA	+5 ... +60	NPN	IP 67	PVC 3 x 0,18	In-line	3 m	N/UK 4.3.093
	M/421/EAN/1	5 ... 24	50 mA	+5 ... +60	NPN	IP 67	PVC 3 x 0,18	90°	1 m	N/UK 4.3.093
	M/421/EAN/3	5 ... 24	50 mA	+5 ... +60	NPN	IP 67	PVC 3 x 0,18	90°	3 m	N/UK 4.3.093

Mountings and accessories

	Ø (mm)	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)
								
M/261006/.R./...	6	–	–	–	–	–	–	QM/261000/00
M/261008/.R./...	8	QM/261008/3/*	QM/261008/6/*	QM/261008/4/*	M/P73454/1	M/P73428/1*	M/P73431/5	QM/261000/00
M/261010/.R./...	10	QM/261010/3/*	QM/261010/6/*	QM/261010/4/*	M/P73454/1	M/P73428/2*	M/P73431/4	QM/261000/00
M/261012/.R./...	12	QM/261012/3/*	QM/261012/6/*	QM/261012/4/*	M/P73454/1	M/P73428/3*	M/P73431/4	QM/261000/00
M/261016/.R./...	16	QM/261016/3/*	QM/261016/6/*	QM/261016/4/*	M/P73454/2	M/P73428/4*	M/P73431/4	QM/261000/00

Stroke adjustment bolt (metal 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/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/P73424/4	–	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/P73425/4	–	M/P73425/5	–
M/261016/.R./...	16	–	–	–	M/P73425/7	–	M/P73425/7

* Insert stroke length (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 absorber
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 load

Ø mm	Description	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 its stroke. In these cases the load mass should be $\leqslant$ 20% of the theoretical force of the unit (see 'Theoretical Forces' table above).

Shock absorber collision energy

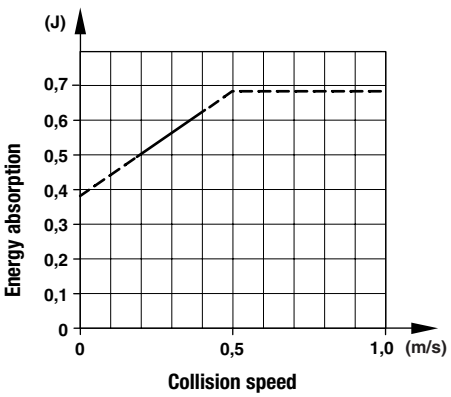
The energy that the shock absorber of the stopper must absorb consists of three elements: kinetic energy, energy of cylinder thrust and energy due to gravity. The energy collision is the total of all these.
See the shock absorber specifications and energy absorption graphs below to select the correct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

Shock absorbers specification

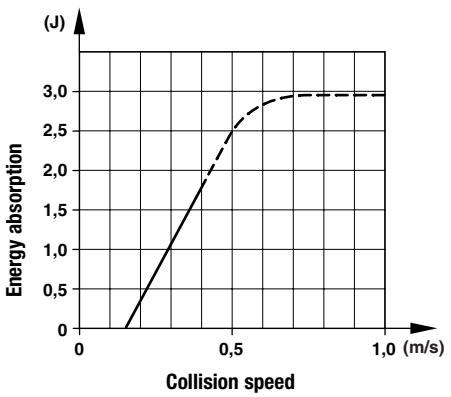
Model	Stroke (mm)	Energy absorption J {kgf x m}	Energy absorption per minute J / minute {kgf x m / minute}	Collision speed m / sec.	Usage frequency c.p.m.	Service temperature °C	Piston rod return force N {kgf}
M/P73454/1	5	0,68 {0,07} or less	22,8 (2,3) or less	1 or less	60 or less	-5 ~ 70°	4,9 {0,5}}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

Energy absorption

Ø 8 ... 12 mm

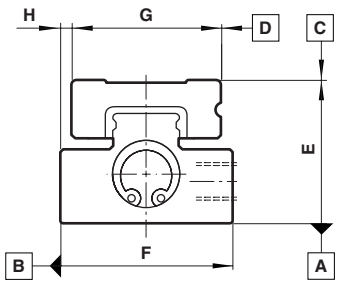


Ø 16 mm

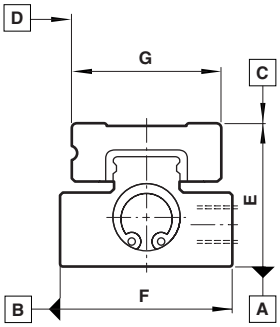


Accuracy

Standard



Symmetric



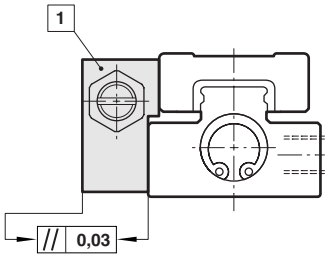
Standard (mm)

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

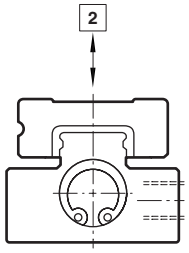
Parallelism of adjustment block



1 Adjustment 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.

Radial clearance and preloading (mm)



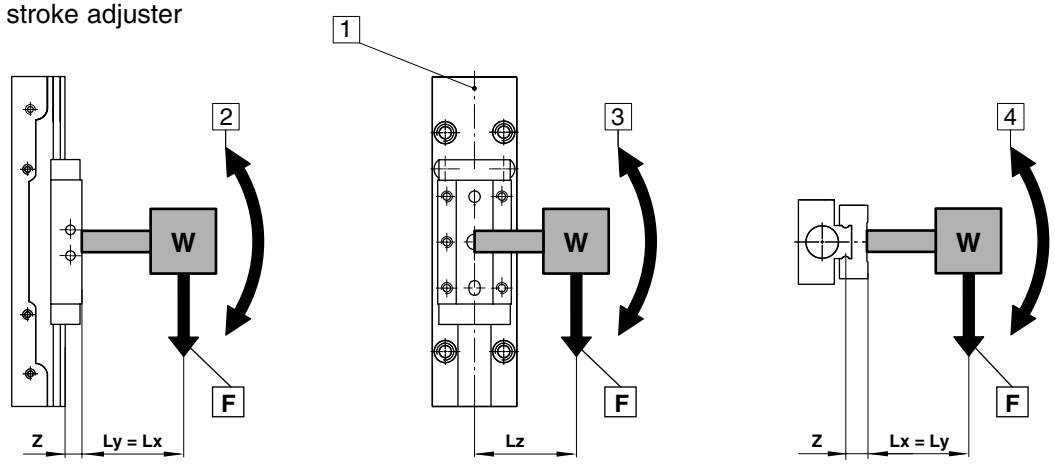
2 Radial clearance

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

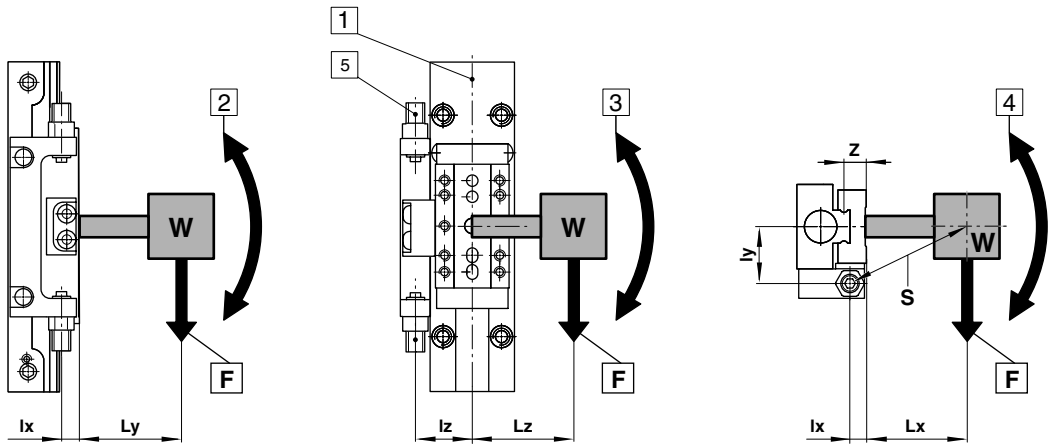
Moments and loads

Without stroke adjuster



$F_{[N]} = 9{,}8 \times W_{[kg]}$

With stroke adjuster



$F_{[N]} = 9{,}8 \times W_{[kg]}$

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

Theoretical moments

Ø	Stroke length (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 the guide 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

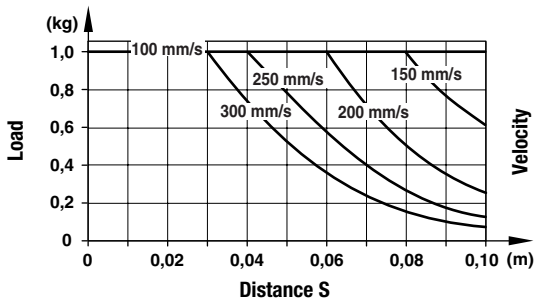
Ø	Guide centre line positions (m) Models with metal or rubber stops Ix	Iz	Models with shock absorbers Ix	Iz	z
6	0,0125	0,0075	–	–	0,0062
8	0,0045	0,0155	0,0065	0,0175	0,0062
10	0,0050	0,0180	0,0065	0,0200	0,0065
12	0,0065	0,0215	0,0065	0,0225	0,0075
16	0,0110	0,0265	0,0100	0,0280	0,0120

W(kg): mass of a loaded work
F(N): gravity acting on a loaded work
z+Lx, z+Ly, and Lz (m): distance between the centre line of the guide and the centre of gravity of the loaded work
Ix, Iz (m): distance between the centre line of the guide (Iz/Iy) or the surface of the table (Ix) and the adjuster bolt
S(m): distance between centre of gravity line of the load and the adjuster bolt

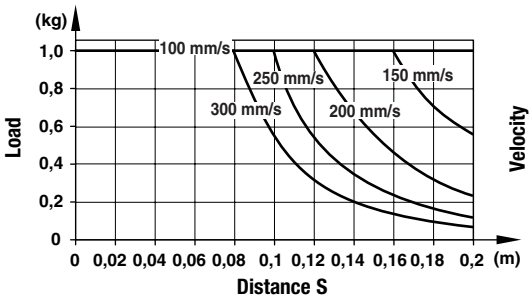
Maximum mass

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 Mx). These graphs can be used as a guide to the allowable values of the load.

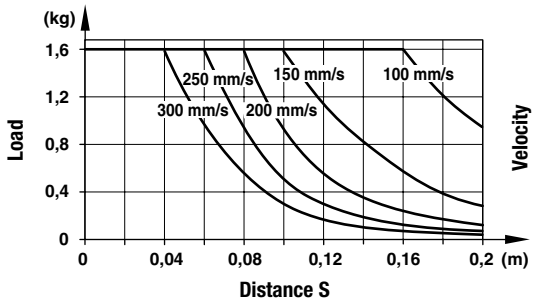
Ø 6 mm, 5 & 10 mm stroke
Ø 8 mm, 10 mm stroke



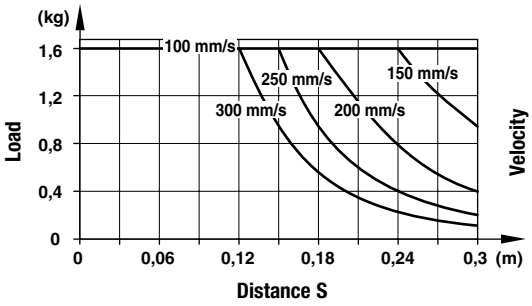
Ø 8 mm, 20 mm stroke



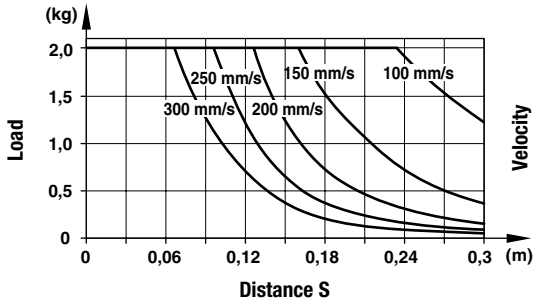
Ø 10 mm, 10 mm stroke



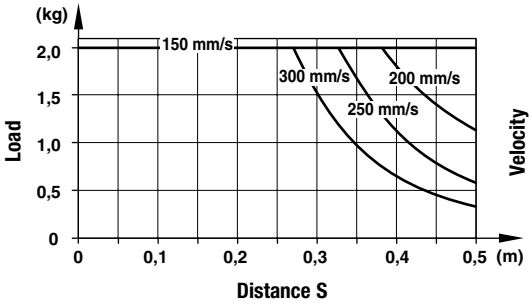
Ø 10 mm, 20 mm stroke



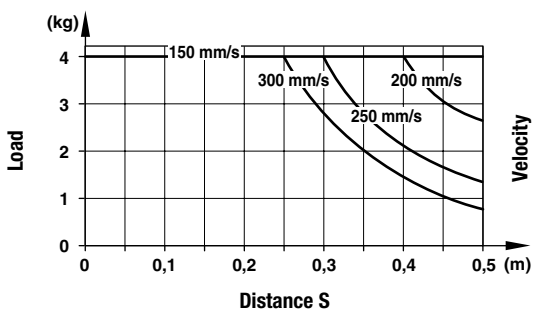
Ø 12 mm, 15 mm stroke



Ø 12 mm, 25 mm stroke



Ø 16 mm, 20 mm stroke



Ø 16 mm, 30 mm stroke

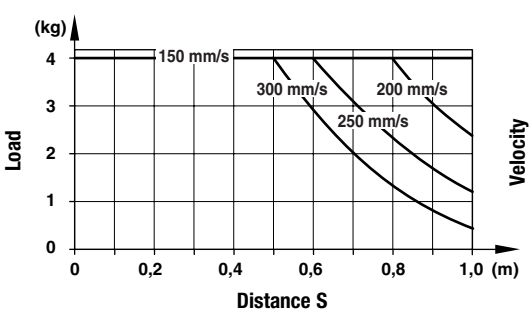
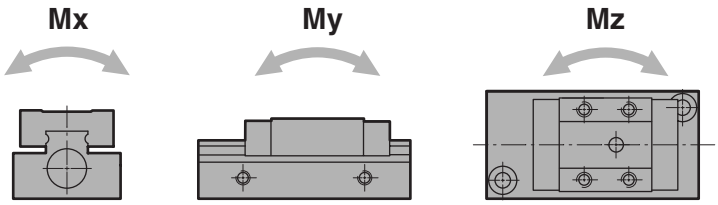
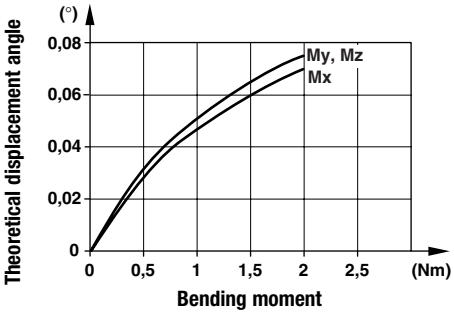


Table deflection angle

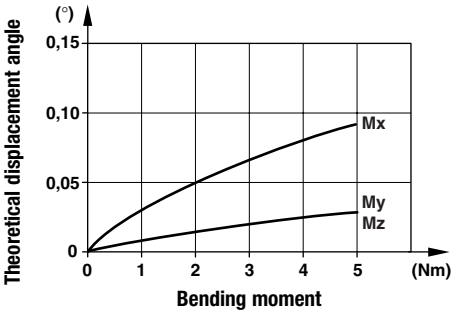
The bearings are preloaded, but the table may incline under external load (moment) due to elastic deformation of balls and races. Graphs below show the deflection angle of the table in relation to the appropriate moment.



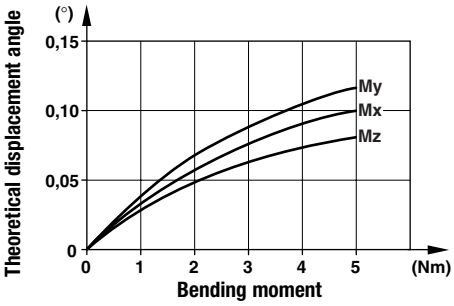
Ø 6 mm, 5 & 10 mm stroke
Ø 8 mm, 10 mm stroke



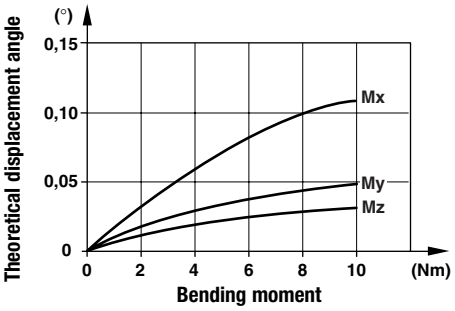
Ø 8 mm, 20 mm stroke



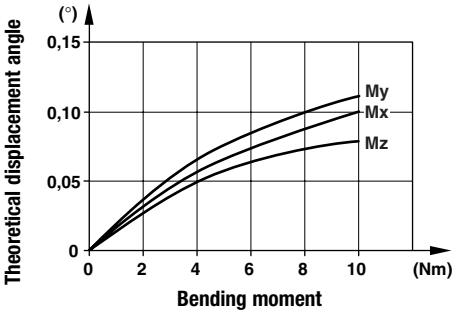
Ø 10 mm, 10 mm stroke



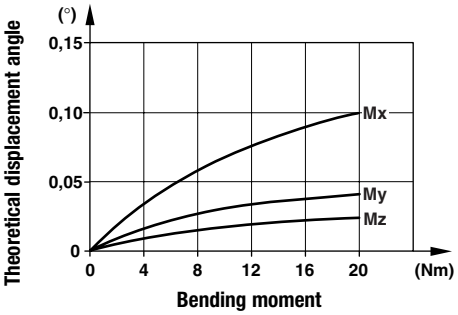
Ø 10 mm, 20 mm stroke



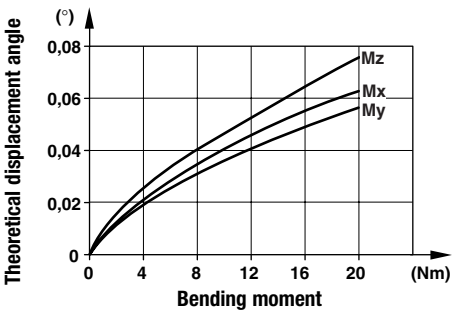
Ø 12 mm, 15 mm stroke



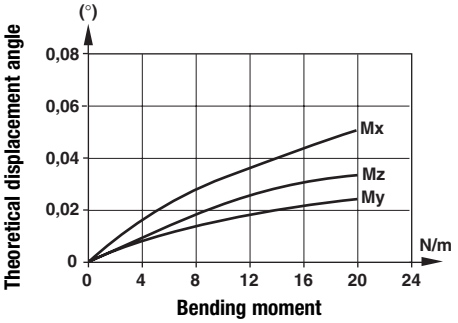
Ø 12 mm, 25 mm stroke



Ø 16 mm, 20 mm stroke

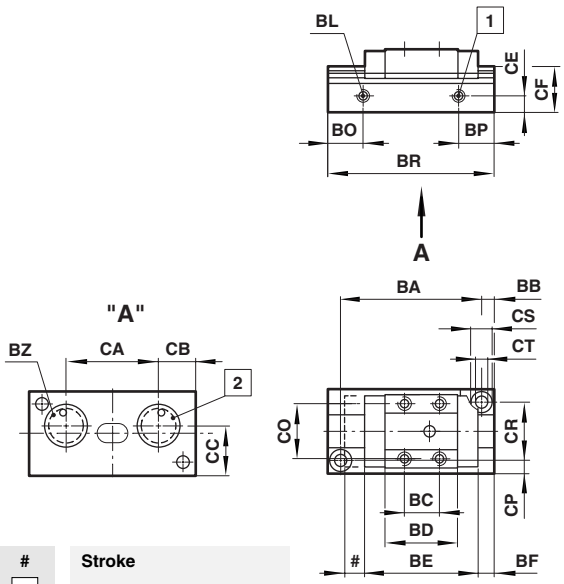


Ø 16 mm, 30 mm stroke



M/261006/IR1/I...

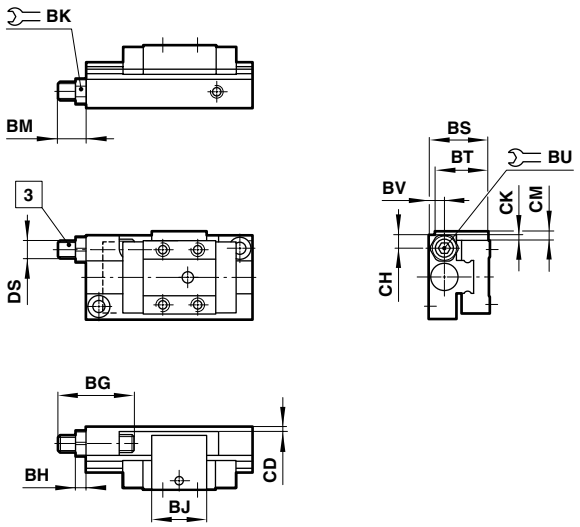
Standard compact precision slide table, no stroke adjustment



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

M/261006/IR2/I ..., M/261006/IR5/I ...

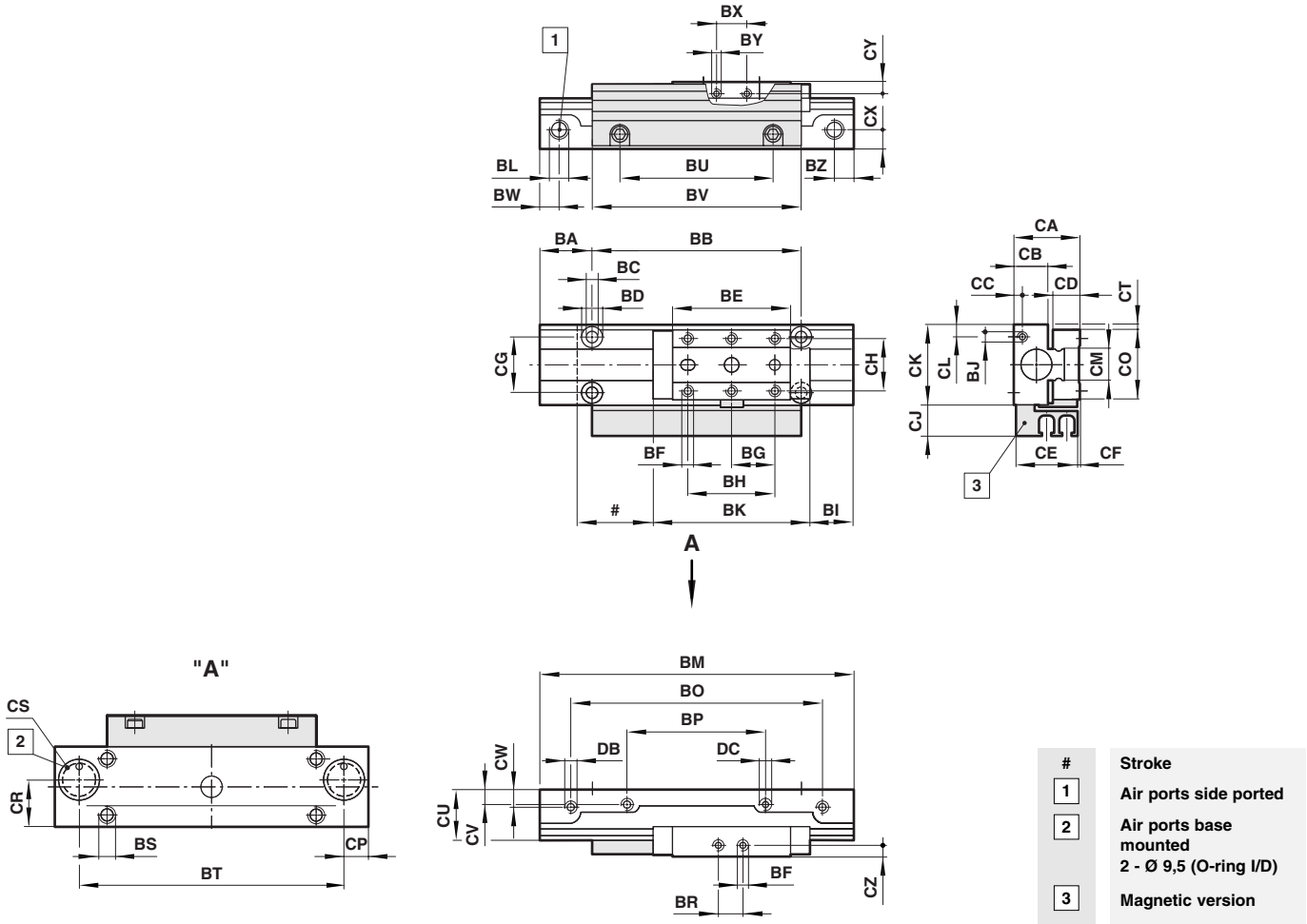
Compact precision slide table with single side stroke adjustment



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**	**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



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

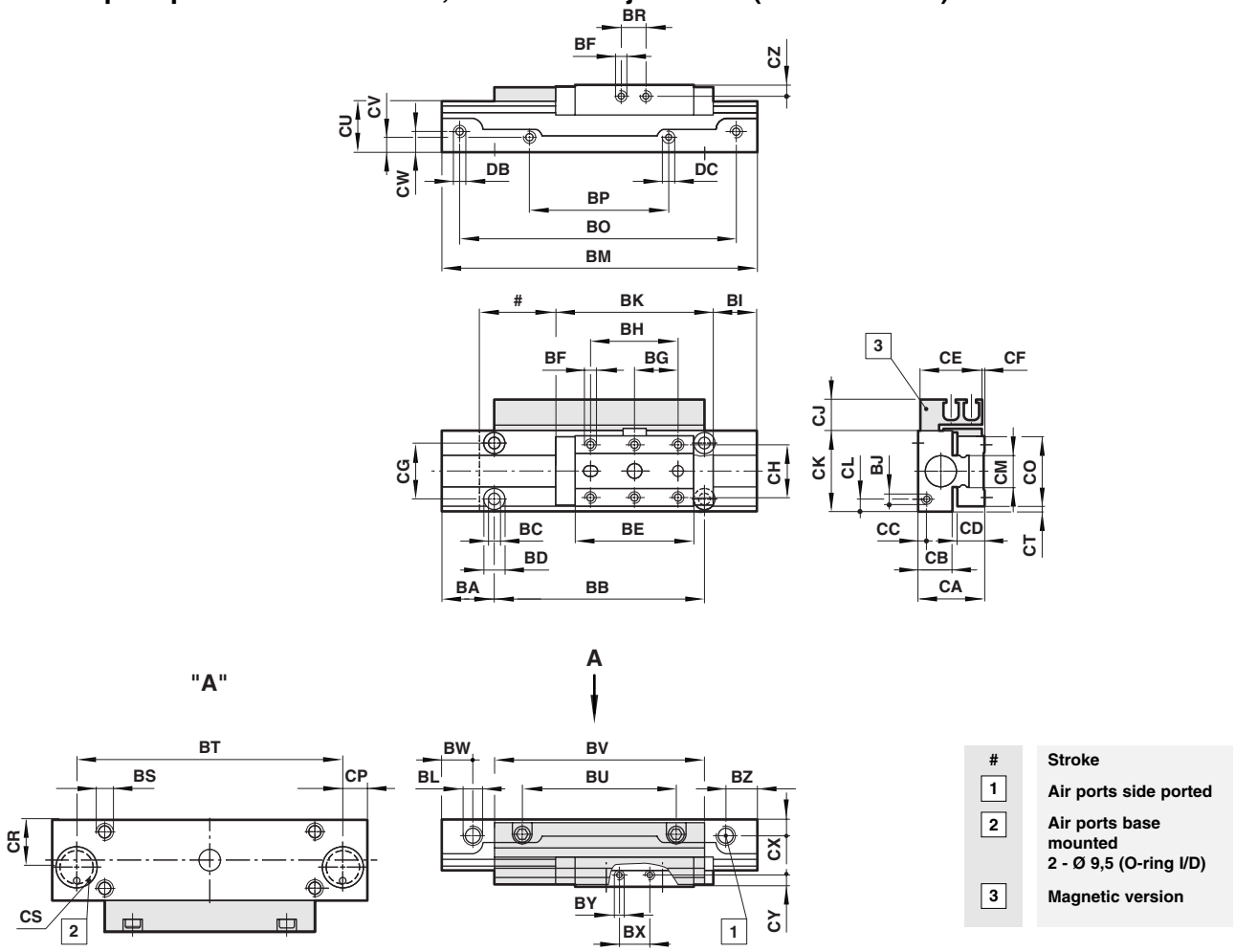
Model	Ø	BA	Ø BC	Ø BD	BF	BJ*	BL	BS	BW	BZ	CA	CB	CC
M/261008/.R1/I./..	8	14	3,3	6	M3x3 deep	–	M5	M4x5 deep	5,5	5,5	19 ±0,05	9,8	–
M/261010/.R1/I./..	10	14	3,3	6	M3x3 deep	M3x5 deep	M5	M4x5 deep	6	6	20 ±0,02	9,5	4
M/261012/.R1/I./..	12	15	4,2	8	M3x4 deep	M3x5 deep	M5	M5x4,5 deep	6	6	22 ±0,02	9,5	5,5
Model	**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**	**kg**	**kg (Magnetic)**
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 Ø 10 and 12 models with stroke lengths ⩾ 10mm

M/2610../.R1/S./..

Symmetric compact precision slide table, no stroke adjustment (Ø 8 to 12 mm)



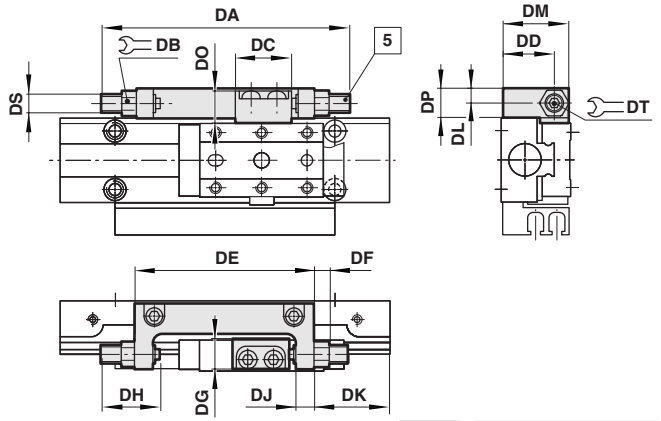
#	Stroke
1	Air ports side ported
2	Air ports base mounted 2 - Ø 9,5 (O-ring I/D)
3	Magnetic version

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**	**kg**	**kg (Magnetic)**
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 Ø 10 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)

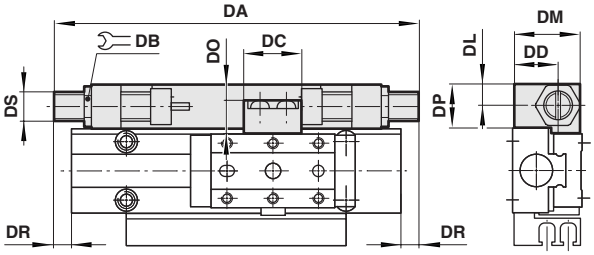


5 Adjustment bolt

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	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

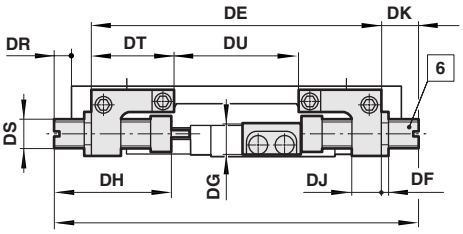
M/2610../.R4/...
Standard compact precision slide tables with stroke adjustment (shock absorbers, Ø 8 to 12 mm)



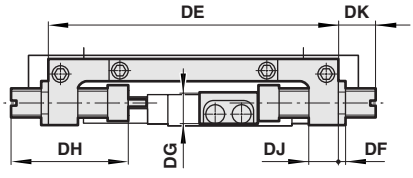
Model	Ø	DB	DC	DD	DF	DG	DH	DJ
M/261008/.R4/../..	8	11	15,5	12,5	2	8	32	8
M/261010/.R4/../..	10	11	16	13,5	2	8	32	5
M/261012/.R4/../..	12	11	20	15,5	2	10	32	6
	Ø	**DL**	**DM**	**DO**	**DP**			
M/261008/.R4/../..	8	6	18	8	12			
M/261010/.R4/../..	10	6	19	8	12			
M/261012/.R4/../..	12	6	21	10	12			

Model	Ø	Stroke	DA	DE	DJ	DK max.	DR max.	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

Size for Ø 8 mm



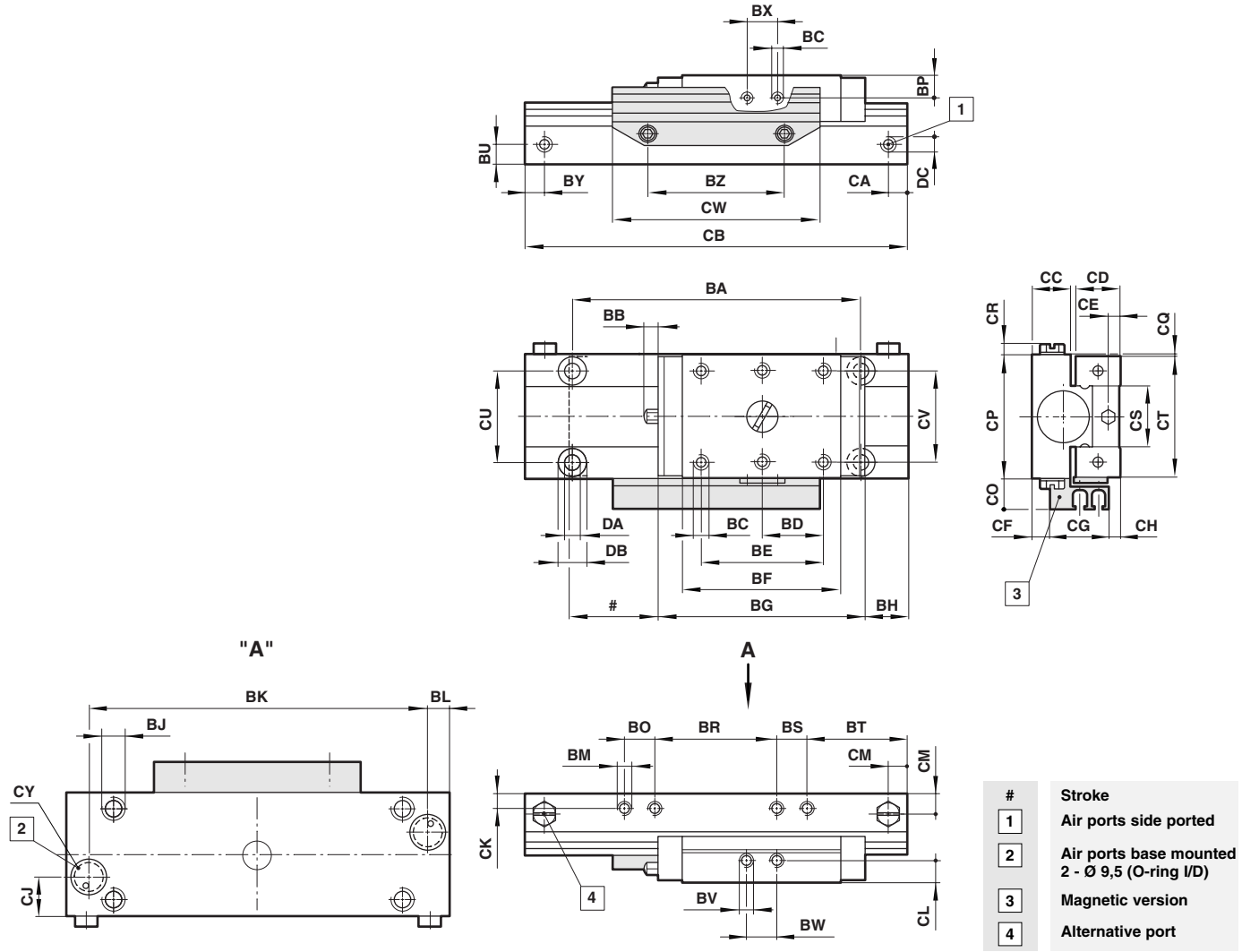
Size for Ø 10 and 12 mm



6 Shock absorber

M/2610../.R1/I./..

Standard compact precision slide table, no stroke adjustment (Ø 16 mm)



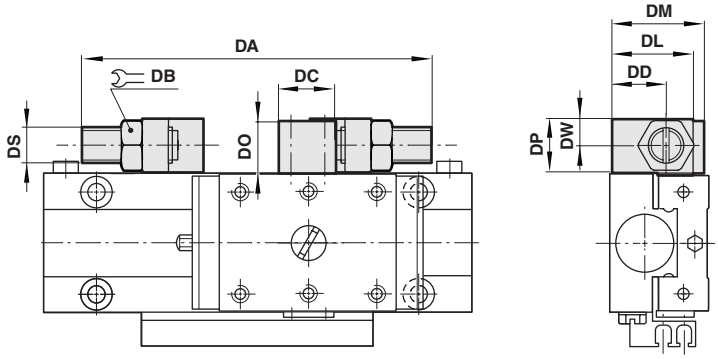
#	Stroke
1	Air ports side ported
2	Air ports base mounted 2 - Ø 9,5 (O-ring I/D)
3	Magnetic version
4	Alternative port

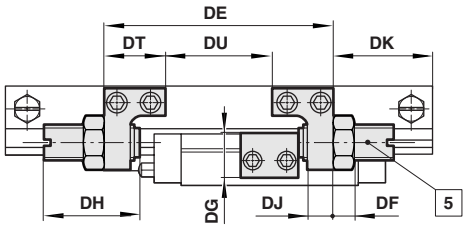
Model	Ø	BB	BC	BJ	BL	BM	BO	BP	BS	BU	BV	BW	BX
M/261016/*R1/I*/**	16	4,5	M4x6 deep	M6x6 deep	7,5	M4x7 deep	10	7	10	6,5	M4x7 deep	10	10
Model	**Ø**	**BY**	**CA**	**CC**	**CD**	**CE**	**CF**	**CG**	**CH**	**CJ**	**CK**	**CL**	**CM**
M/261016/*R1/I*/**	16	6,5	6,5	12,5	15	4,2	6,2	19	3,8	13	5	7	6,5
Model	**Ø**	**CO**	**CP**	**CQ**	**CR**	**CS**	**CT**	**CU**	**CV**	**Ø DA**	**Ø DB**		**DC**
M/261016/*R1/I*/**	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	kg	kg (Magnetic)
M/261016/*R1/I*/20	16	20	65	–	25	34,6	50	13	81	30	23	34	96	57	0,445	0,015
M/261016/*R1/I*/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)



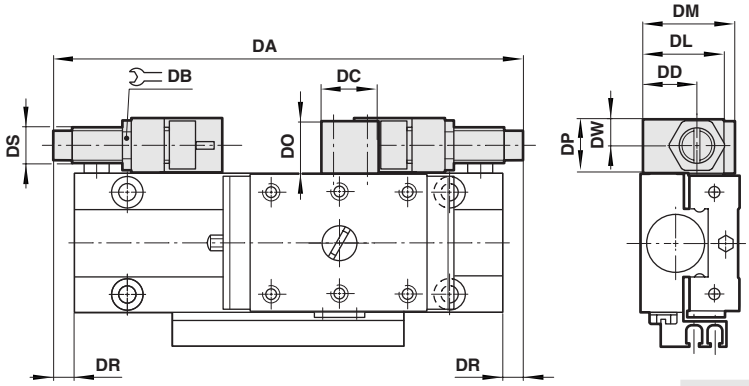


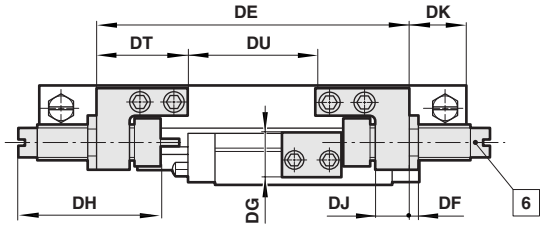
5 Adjustment bolt

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	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)



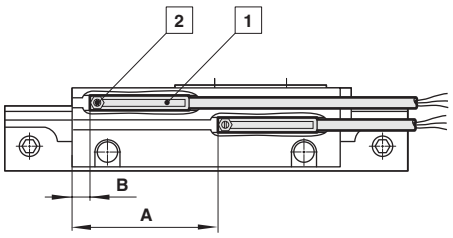


6 Shock absorber

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**	**kg Basic model +**
M/261016/.R./../20	16	20	22	20	0,145
M/261016/.R./../30	16	30	12	30	0,145

Switches



1	Switch
2	Fixing screw

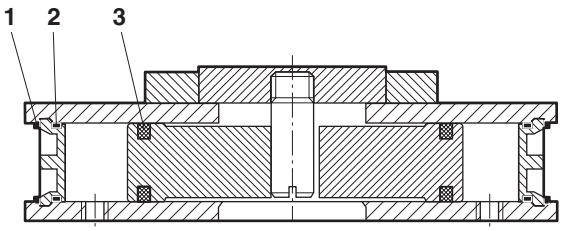
Reed

Ø mm	stroke	Setting position A	Setting position 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

Ø mm	stroke	Setting position A	Setting position 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	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.