

RODLESS

Cylinders



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Features and certifications

Series of rodless cylinders, double acting, magnetic, available in bores from $\varnothing 18$ to 63. Characterized by the absence of the rod and with a direct power transmission to the yoke, and equipped with newly developed adjustable dampers on both sides. The flow rate can be adjusted from 0 to 100% by turning a pin of an angle of 90° . The new barrel with huge deflection resistance, is provided with grooves for mounting various accessories. Magnetic reed switches can be mounted by a bracket or directly in the grooves, not protruding beyond the profile of the cylinder.

Supplied as standard in compliance with Reach and RoHS directives.

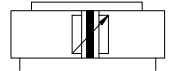


Type S1 $\varnothing 18 \div 63$

from page 1.26.20



Rodless standard cylinders, available in bores from $\varnothing 18$ to 63, double acting, magnetic. Adjustable flow rate, dampers and newly developed tube.

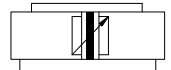


Type S2 $\varnothing 18 \div 63$

from page 1.26.20



Rodless short standard cylinders, available in bores from $\varnothing 18$ to 63, double acting, magnetic. In comparison with type S1, at 0 stroke, has reduced dimension around 42%, so the cylinder is more compact and economic, but suitable for lighter loads.

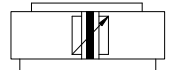


Type S3 $\varnothing 18 \div 63$

from page 1.26.40



Rodless guided cylinders, available in bores from $\varnothing 18$ to 63, double acting, magnetic. The side carriage (which can also be mounted at a later date), is adjustable and allows the cylinder to be used with heavier loads than type S1 and S2. The guide moves by PTFE slides, fixed in the grooves of the barrel.

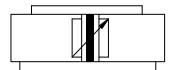


Type S5 $\varnothing 18 \div 63$

from page 1.26.40



Rodless short guided cylinders, available in bores from $\varnothing 18$ to 63, double acting, magnetic. The side carriage (which can also be mounted at a later date), is adjustable and allows the cylinder to be used with heavier loads than type S1 and S2. The guide moves by PTFE slides, fixed in the grooves of the barrel. In comparison with type S3, at 0 stroke, has reduced dimension around 42%, so the cylinder is more compact and economic, but suitable for lighter loads.

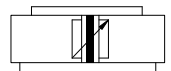


Type S6 $\varnothing 18 \div 63$

from page 1.26.40



Rodless double guide cylinders, available in bores from $\varnothing 18$ to 63, double acting, magnetic. The side carriages (which can also be mounted at a later date), are adjustable and allow the cylinder to be used with heavier loads than type S1, S2, S3 and S5. The guides move by PTFE slides, fixed in the grooves of the barrel.

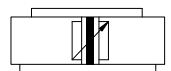


Type S4 $\varnothing 25 \div 63$

from page 1.26.60



Rodless parallel cylinders, available in bores from $\varnothing 25$ to 63, double effect, magnetic. With frontal and lateral yokes and wiper rings. Suitable for high loads and every-direction momentum. Double force and central air connections. If needed it's also possible mount (even at a later date), the lateral guides (special execution).



Options		
Description	Symbol	Suffix
Both ports on one head (available from Ø 25, not available for type S4)		U
Carriage with integral brake (available only for type S1)		B

The options, when this is possible, can be combined with each other. For options matching see the table below. Fod code key see page 1.26.4

Options matching				
Series	Bore	Model	Standard options matching	
			U (Ø25+63)	B
S1	Ø 18 ÷ 63	Standard	●	●
		Carriage with integral brake (B)	●	
S2	Ø 18 ÷ 63	Standard	●	-
S3	Ø 18 ÷ 63	Standard	●	-
S4	Ø 25 ÷ 63	Standard	-	-
S5	Ø 18 ÷ 63	Standard	●	-
S6	Ø 18 ÷ 63	Standard	●	-

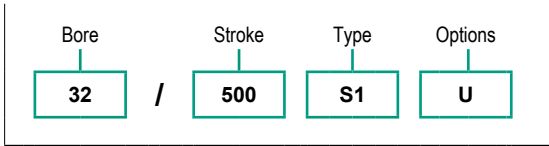
Key

● allowed matching; - not allowed matching

Code key

Bore	/	Stroke	Type	Options	
32	/	500	S1	U	
Ø 18, 25, 32, 40, 50, 63		10 mm ÷ 9000 mm	<p>S1 Standard Double acting, Magnetic</p> <p>S2 Short Standard Double acting, Magnetic</p> <p>S3 Guided Double acting, Magnetic</p> <p>S4 Parallel Double acting, Magnetic</p> <p>S5 Short Guided Double acting, Magnetic</p> <p>S6 Double Guide Double acting, Magnetic</p>	U from Ø 25 not available for type S4	B Only for type S1

How to order



Notes

For further information on options and their matching, see page 1.26.3.

Spare Parts Kit code key

Cylinder bore	/	Spare Parts Set type	/	Lenght*	/	Cylinder type
50	/	BA	/	5MT	/	S3
Ø 18, 25, 32, 40, 50, 63 mm		SG, PT, BA		1, 5, 10 mt.		S1, S2, S3, S4, S5, S6

*For Strip Kit only

Seal Kit⁽¹⁾ SG

Number ⁽¹⁾ of components	Description
n. 2	Guide ring
n. 2	Head slide guide
n. 2	Piston seal
n. 2	Cushioning seal
n. 2	Head o-ring

(1) Every cylinder type S4 needs double Seal Kit

Slide Guide Kit⁽²⁾ PT

Number ⁽²⁾ of components	Description
n. 2	PTFE slide guide

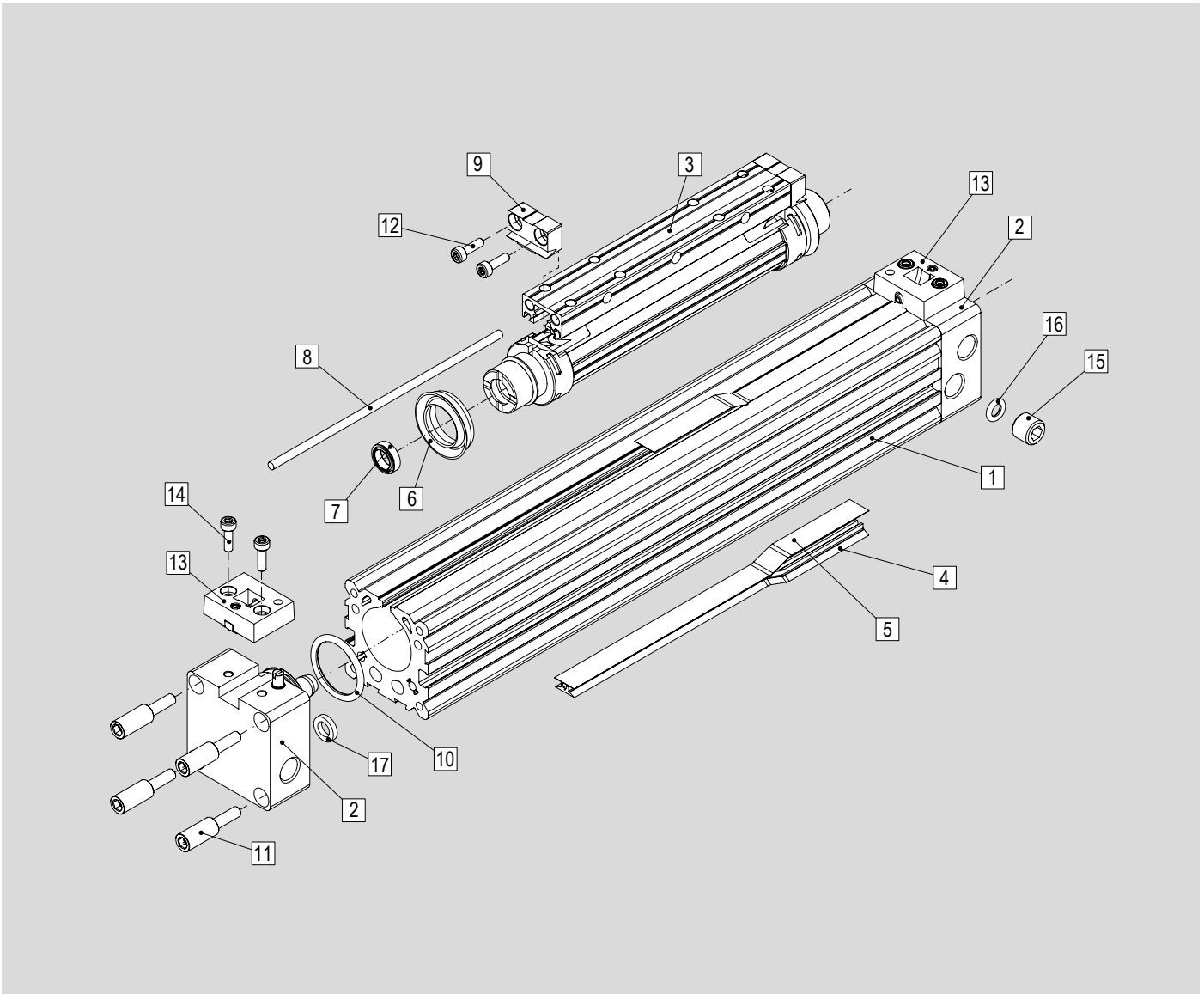
(2) Kit for type S6 contains twice components

Strip Kit⁽³⁾ BA

Number ⁽³⁾ of components	Description
n. 1	Internal strip
n. 1	External strip
n. 2	Strip/tube seals

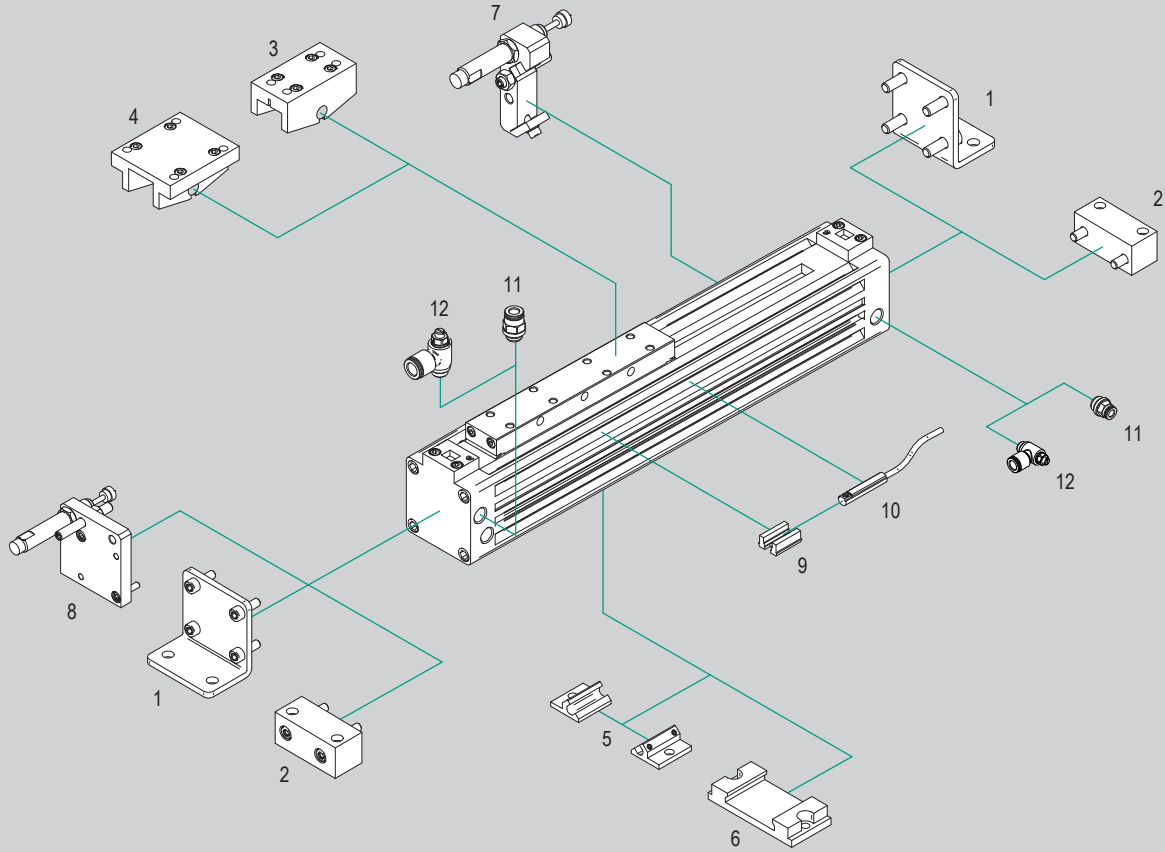
(3) Kit for type S4 contains twice components

Standard materials



Position	Description	Materials
1	Barrel	Anodised aluminium
2	Head	Anodised aluminium
3	Piston/Yoke block	Aluminium
4	Internal strip	Polyurethane (PU)
5	External strip	Stainless Steel AISI 304
6	Piston seal	Polyurethane (PU)
7	Cushioning seal	PVC
8	Guide ring	PTFE
9	Head slide guide	PVC
10	Head o-ring	Polyurethane (PU)
11	Head special screw	Steel
12	Head slide guide screw	Steel
13	Head cover	PVC
14	Head cover screw	Steel
15	Cushioning screw	Steel
16	O-ring	Polyurethane (PU)
17	Seal	Polyurethane (PU)

Accessories



N.	Cylinder bore	Item	Description	Compliance	Matching						Code page	Data sheet page
					S1	S2	S3	S4	S5	S6		
1	Ø 18 ÷ 63	P..S	Light foot	-	●	●	●	●	●	●	1.26.90	1.100.253
2	Ø 18 ÷ 63	PP..S	Heavy foot	-	●	●	●	●	●	●		
3	Ø 18 ÷ 63	CL..S	Light flexible coupling	-	● ⁽¹⁾	●	-	-	-	-		1.100.250
4	Ø 18 ÷ 63	C..S	Heavy flexible coupling	-	● ⁽¹⁾	●	-	-	-	-		
5	Ø 18 ÷ 63	Sl..S	Light mid support	-	● ⁽¹⁾	●	-	●	-	-		1.100.252
6	Ø 18 ÷ 63	SIP..S	Heavy mid support	-	● ⁽¹⁾	●	-	●	-	-		
7	Ø 18 ÷ 63	SID..S	Mid support for shock absorbers	-	-	-	●	-	●	●		1.100.251
8	Ø 18 ÷ 63	STD..S	End support for shock absorbers	-	-	-	●	-	●	●		
9	Ø 18	AS109	Bracket for T type magnetic reed switches	-	●	●	●	-	●	●	1.26.91	1.120.2
10	Ø 18 ÷ 63	ASV..	Magnetic reed switch T groove	-	●	●	●	●	●	●		1.110.10
11	Ø 18 ÷ 63	R..	Push-in fittings	-	●	●	●	●	●	●	4.2.1	
12	Ø 18 ÷ 63	V..C	Flow controls, for cylinders	-	●	●	●	●	●	●	4.94.1	

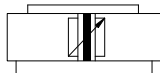
Key

● matching accessory; - not matching accessory

(1) Do not matching with option **B** mounted

Main features

18 ÷ 63



S1

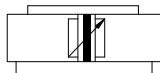
Bores Ø

Standard
Double acting
Magnetic

Type



18 ÷ 63



S2

Bores Ø

Short Standard
Double acting
Magnetic

Type

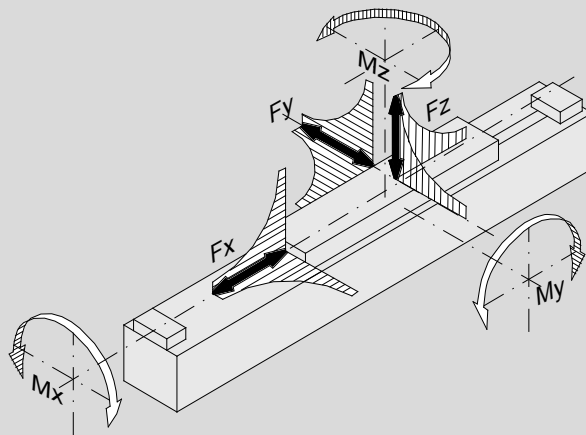


Technical data

Bore Ø mm	18	25	32	40	50	63		
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.							
Pressure range	1,5 ÷ 9 bar							
Temperature range	-10°C ÷ +70°C							
Strokes	10 ÷ 9000 mm							
Ports	M5	G 1/8"		G 1/4"		G 3/8"		
Deceleration stroke	15	18	24	34	40	49		
Theoretical thrust force at 6 bar (N)	140	270	440	680	1060	1680		
Weight (g)	Basic weight	S1	400	800	1300	2200	4300	6600
		S2	100	500	1000	1600	2700	4200
	Additional 10 mm stroke		15	25	34	45	75	95

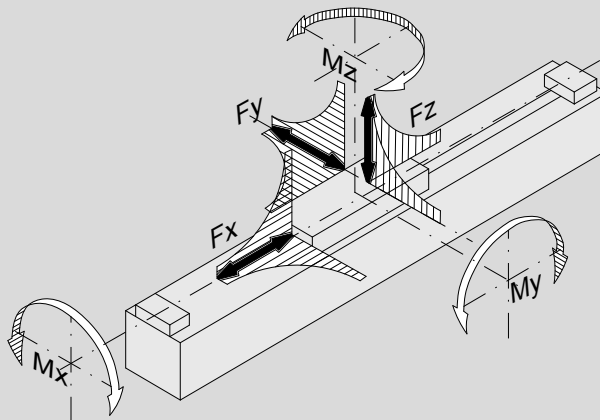
Loads and momentum

Type: **S1**



Ø (mm)	Force (Vmax ≤ 0,35 m/s)			F (load in N)			Momentum		
	Fx (N) 6 bar	Fy (N) 6 bar	Fz (N) 6 bar	a 0,75 m/s	a 1 m/s	a 1,5 m/s	Mx (Nm) Fy/Fz	My (Nm) Fx/Fz	Mz (Nm) Fx/Fy
18	140	80	300	80	40	20	1	3	3
25	270	110	480	155	90	40	2	13	13
32	440	165	650	280	155	70	3,5	25	25
40	680	225	800	500	290	125	5,5	40	40
50	1060	325	1060	790	420	195	10	65	65
63	1680	435	1680	1500	850	370	16	100	100

Type: **S2**

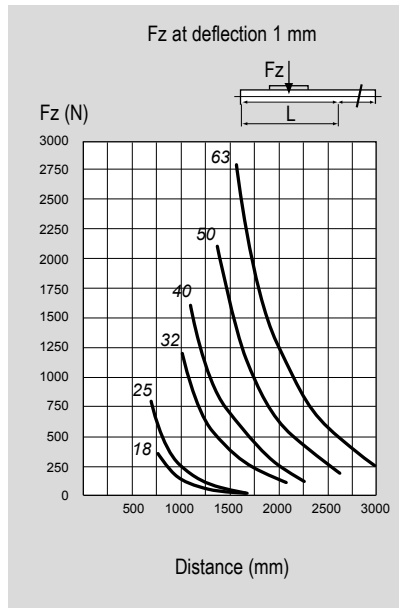
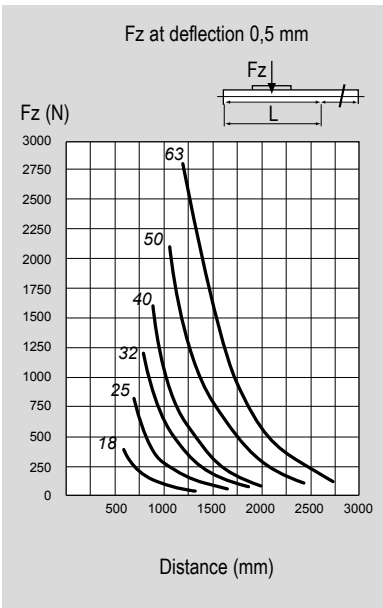


Ø (mm)	Force (Vmax ≤ 0,35 m/s)			F (load in N)			Momentum		
	Fx (N) 6 bar	Fy (N) 6 bar	Fz (N) 6 bar	a 0,75 m/s	a 1 m/s	a 1,5 m/s	Mx (Nm) Fy/Fz	My (Nm) Fx/Fz	Mz (Nm) Fx/Fy
18	140	40	140	40	25	10	0,4	1,7	1,7
25	270	55	230	90	50	25	0,7	2,7	2,7
32	440	70	320	200	110	45	1	5	5
40	680	100	400	420	240	110	2	8,5	8,5
50	1060	140	480	750	440	190	3,5	13	13
63	1680	180	590	1500	850	380	5	18	18

All data regarding the forces, refer to a speed of $V \leq 0,35$ m/s.

Maintaining the indicated values will allow to optimize lifetime, noise and efficiency. Higher speeds greatly reduce allowable forces. If operating conditions are outside the allowable limits (see table above), the energy of the moving mass must be absorbed by appropriate devices (hydraulic decelerators, stops, and similar), mounted as close as possible to the mass center of gravity.

Maximum allowable deflections



With long strokes cylinders or heavy loads, you should pay attention to the tube deflection. One or more mid supports can be used according to the admissible deflection.

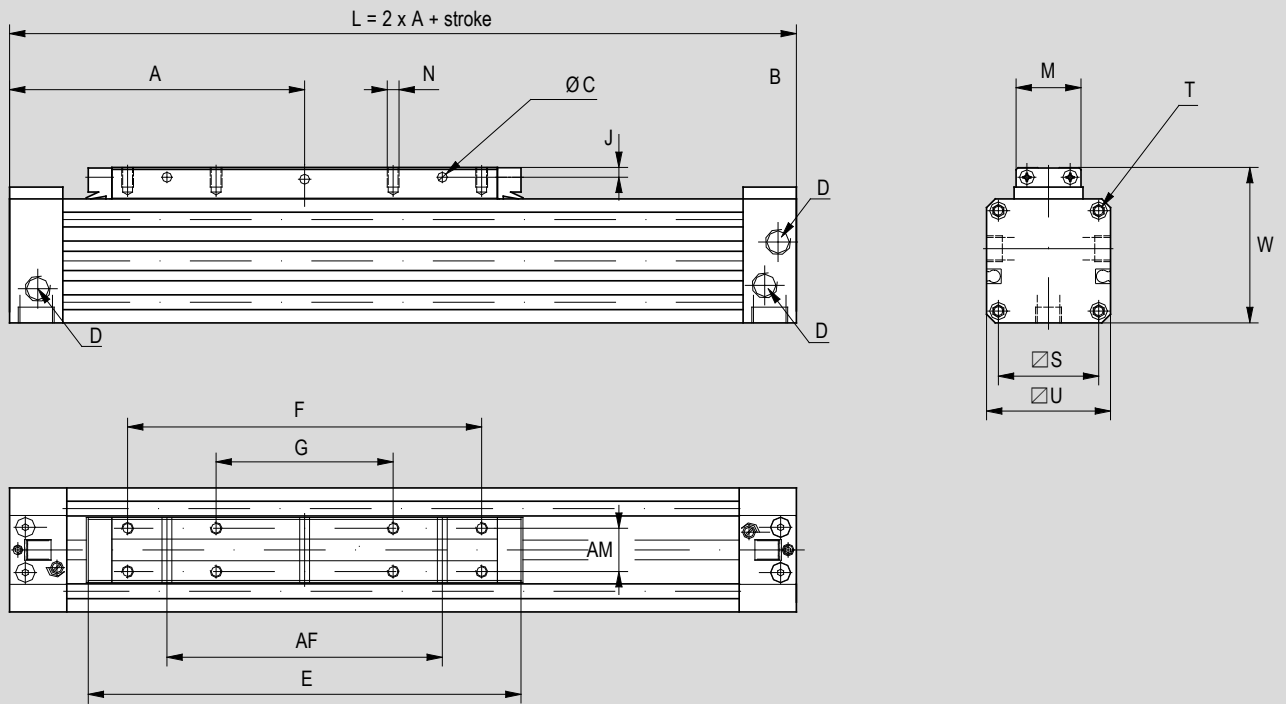
Example:

When applying a force $F_z = 500$ N to a cylinder 25 mm which could not deflect over 0,5 mm cannot be longer than 750 mm according to the diagram.

Should you exceed 750 mm use one or more mid supports (for mid support see page 1.26.90).

Standard dimensions

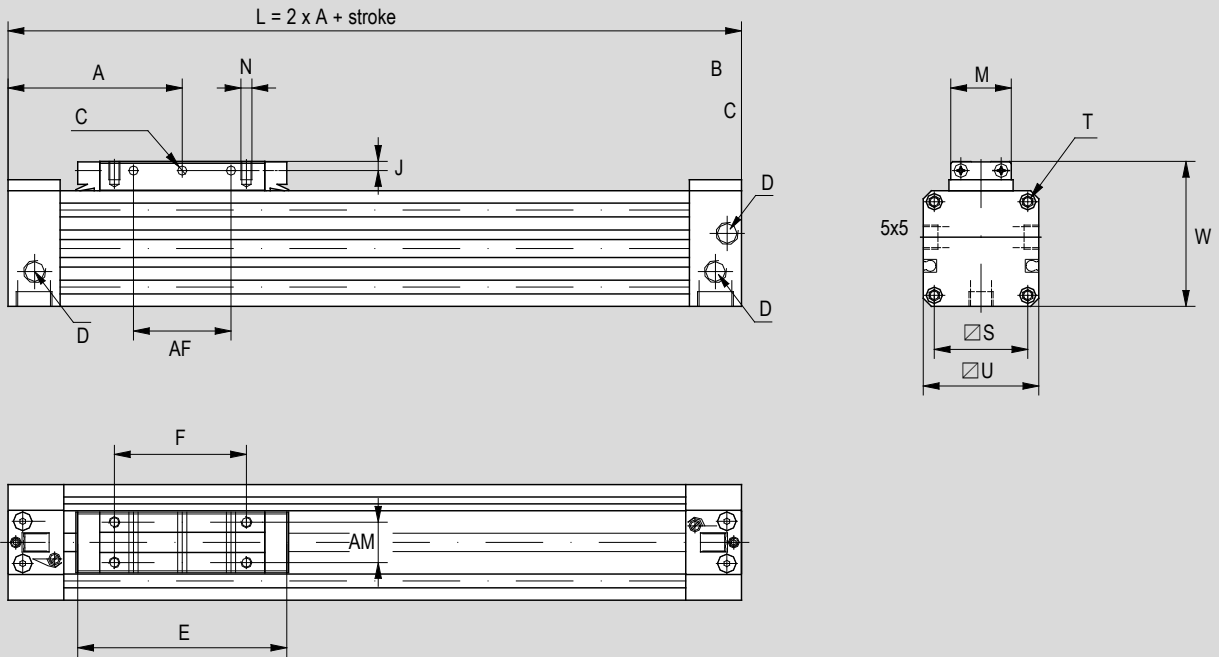
Type: S1



Ø (mm)	A	AF	AM	D	E	F	G	J	M	N	ØC	□S	T	□U	W
18	80	50	10	M5x6	103	75	-	3	15.5	M3x6	3.5	23.5	M3x7	30	39
25	100	70	13	G1/8x8	131	100	50	3.5	20	M4x7	4.5	33	M4x9	42	53
32	120	100	16	G1/8x8	171	140	70	4.5	25	M5x9	5.5	41	M5x10	52	65
40	150	140	22	G1/4x12	220	180	90	5	33	M6x10	7	51	M6x12	63	79
50	180	180	29	G1/4x12	280	220	110	6.5	42	M8x12.5	7	63	M8x12	78	96
63	215	230	40	G3/8x12	333	280	140	8	54	M8 x 15	9	78	M8x12	93	113.5

Standard dimensions

Type: **S2**

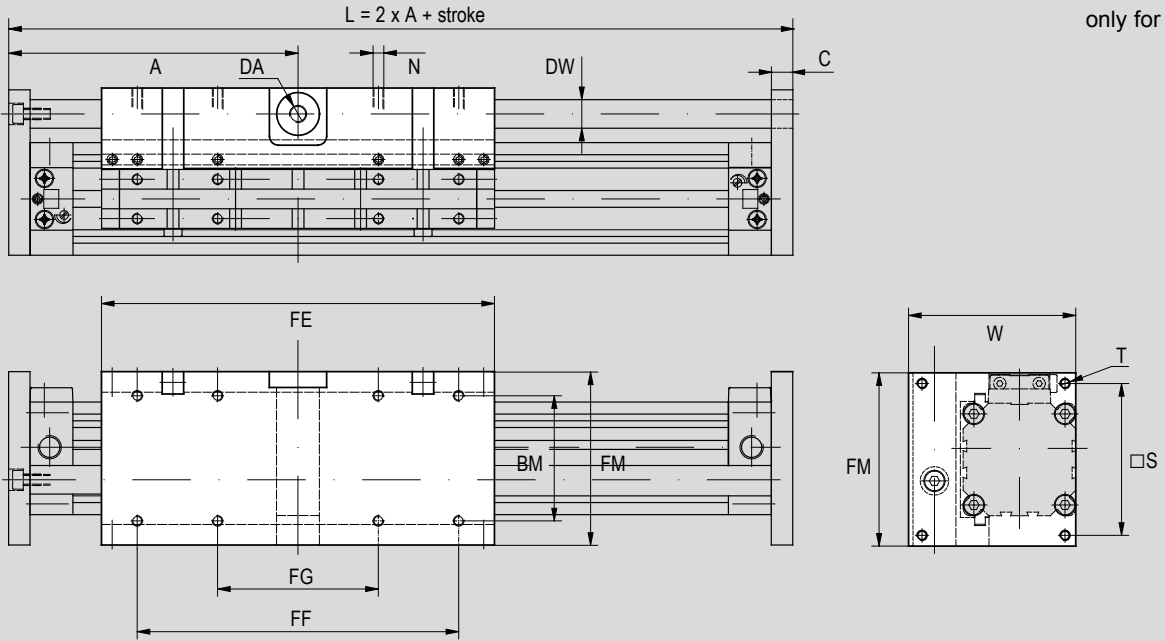


1 - CYLINDERS

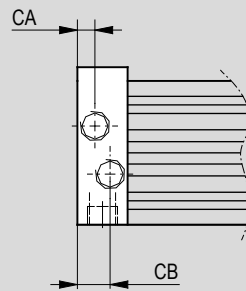
\varnothing (mm)	A	AF	AM	D	E	F	J	M	N	$\varnothing C$	$\varnothing S$	T	$\varnothing U$	W
18	57.5	15	10	M5x6	58	30	3	15.5	M3x6	3.5	23.5	M3x7	30	39
25	67.5	19	13	G1/8x8	66	35	3.5	20	M4x7	4.5	33	M4x9	42	53
32	77.5	35	16	G1/8x8	86	55	4.5	25	M5x9	5.5	41	M5x10	52	65
40	95	50	22	G1/4x12	110	70	5	33	M6x10	7	51	M6x12	63	79
50	105	46	29	G1/4x12	130	70	6.5	42	M8x12	7	63	M8x12	78	96
63	125	70	40	G3/8x12.5	153	100	8	54	M8x15	9	78	M8x12	93	113.5

Dimensions with options

Type: ...B
only for type S1



Type: ...U
Ø 25 ÷ 63

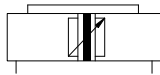


Ø (mm)	A	BM	C	DA	DW	FE	FF	FG	FM	W	N	S	T	CA	CB
18	86	35	6	M5	Ø 6	103	75	-	50	48	M4x7,5	42	M3	-	-
25	110	45	10	M5	Ø 12	131	100	50	66	67	M4x8	54	M4	7	13
32	130	55	10	M5	Ø 12	171	140	70	80	79	M5x10	68	M5	7	13
40	162	70	12	1/8"	Ø 16	220	180	90	97	93,5	M6x12	80	M6	11	14,5
50	195	85	15	1/8"	Ø 20	280	220	110	116	115,5	M8x16	100	M8	12	14
63	230	105	15	1/8"	Ø 20	333	280	140	136	139	M8x16	120	M8	12,5	15,5

Main features

18 ÷ 63

Bores Ø



Guided
Double acting
Magnetic

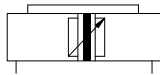
S3

Type



18 ÷ 63

Bores Ø



Short Guided
Double acting
Magnetic

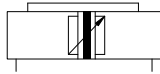
S5

Type



18 ÷ 63

Bores Ø



Double Guide
Double acting
Magnetic

S6

Type



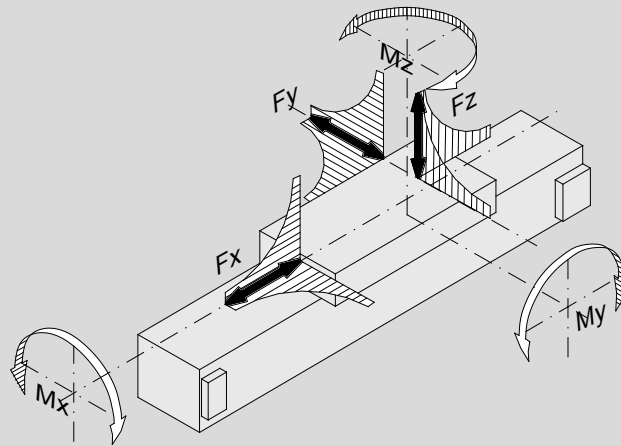
Technical data

Bore Ø mm	18	25	32	40	50	63		
Fluid	Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.							
Pressure range	2 ÷ 8 bar							
Temperature range	-20°C ÷ +80°C							
Strokes	10 ÷ 9000 mm							
Ports	M5	G 1/8"		G 1/4"		G 3/8"		
Deceleration stroke	15	18	24	34	40	49		
Theoretical thrust force at 6 bar (N)	140	270	440	680	1060	1680		
Weight (g)	Basic weight	S3	500	1100	1800	3200	5900	8400
		S5	300	700	1300	2100	3400	5500
		S6	600	1300	2400	4200	7500	10000
	Additional 10 mm stroke	15	25	34	45	75	95	

Loads and momentum

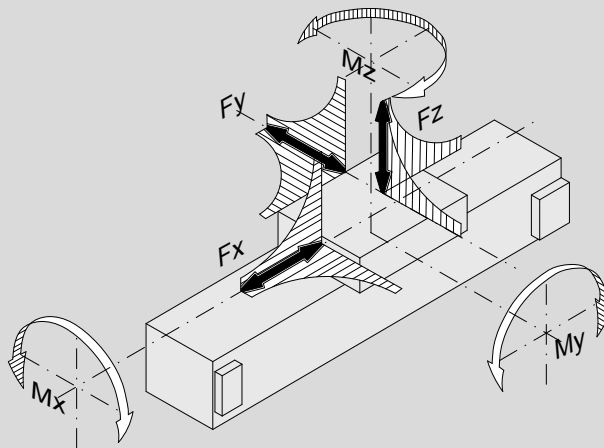
1 - CYLINDERS

Type: **S3**



Ø (mm)	Force (Vmax ≤ 0,35 m/s)			F (load in N)			Momentum		
	Fx (N) 6 bar	Fy (N) 6 bar	Fz (N) 6 bar	a 0,75 m/s	a 1 m/s	a 1,5 m/s	Mx (Nm) Fy/Fz	My (Nm) Fx/Fz	Mz (Nm) Fx/Fy
18	140	370	370	100	58	26	3,5	6	6
25	270	800	800	280	160	65	10	20	20
32	440	1200	1200	510	300	140	25	45	45
40	680	1600	1600	1000	550	250	40	75	75
50	1060	2100	2100	1500	850	380	80	150	150
63	1680	2800	2800	2500	1400	610	110	250	250

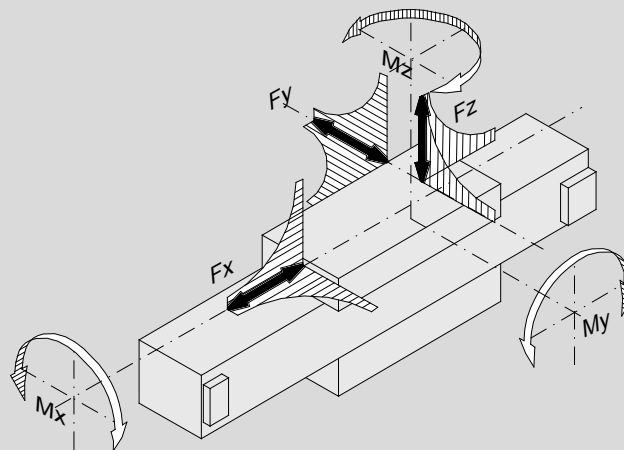
Type: **S5**



Ø (mm)	Force (Vmax ≤ 0,35 m/s)			F (load in N)			Momentum		
	Fx (N) 6 bar	Fy (N) 6 bar	Fz (N) 6 bar	a 0,75 m/s	a 1 m/s	a 1,5 m/s	Mx (Nm) Fy/Fz	My (Nm) Fx/Fz	Mz (Nm) Fx/Fy
18	140	150	150	50	30	12	1,8	1,8	1,8
25	270	250	250	100	60	30	4	4	4
32	440	450	450	250	135	65	10	10	10
40	680	600	600	480	280	140	16	16	16
50	1060	900	900	800	480	220	30	30	30
63	1680	1100	1100	1500	950	400	45	45	45

Loads and momentum

Type: **S6**



1 - CYLINDERS

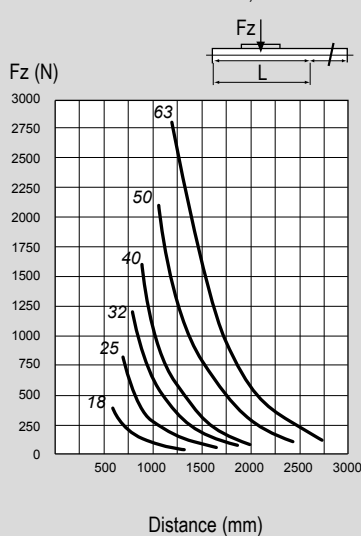
Ø (mm)	Force (Vmax ≤ 0,35 m/s)			F (load in N)			Momentum		
	Fx (N) 6 bar	Fy (N) 6 bar	Fz (N) 6 bar	a 0,75 m/s	a 1 m/s	a 1,5 m/s	Mx (Nm) Fy/Fz	My (Nm) Fx/Fz	Mz (Nm) Fx/Fy
18	140	550	550	150	80	20	5,2	9	9
25	270	1200	1200	420	210	80	15	30	30
32	440	1800	1800	750	400	170	37	67	67
40	680	2400	2400	1500	750	300	60	110	110
50	1060	3200	3200	2200	1150	460	120	220	220
63	1680	4200	4200	3700	1900	740	170	370	370

All data regarding the forces, refer to a speed of $V \leq 0,35$ m/s.

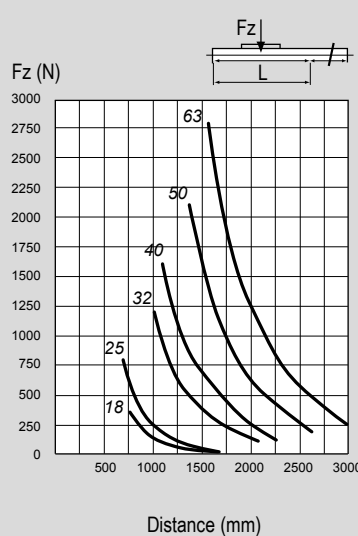
Maintaining the indicated values will allow to optimize lifetime, noise and efficiency. Higher speeds greatly reduce allowable forces. If operating conditions are outside the allowable limits (see table above), the energy of the moving mass must be absorbed by appropriate devices (hydraulic decelerators, stops, and similar), mounted as close as possible to the mass center of gravity.

Maximum allowable deflections

Fz at deflection 0,5 mm



Fz at deflection 1 mm



With long strokes cylinders or heavy loads, you should pay attention to the tube deflection.

One or more mid supports can be used according to the admissible deflection.

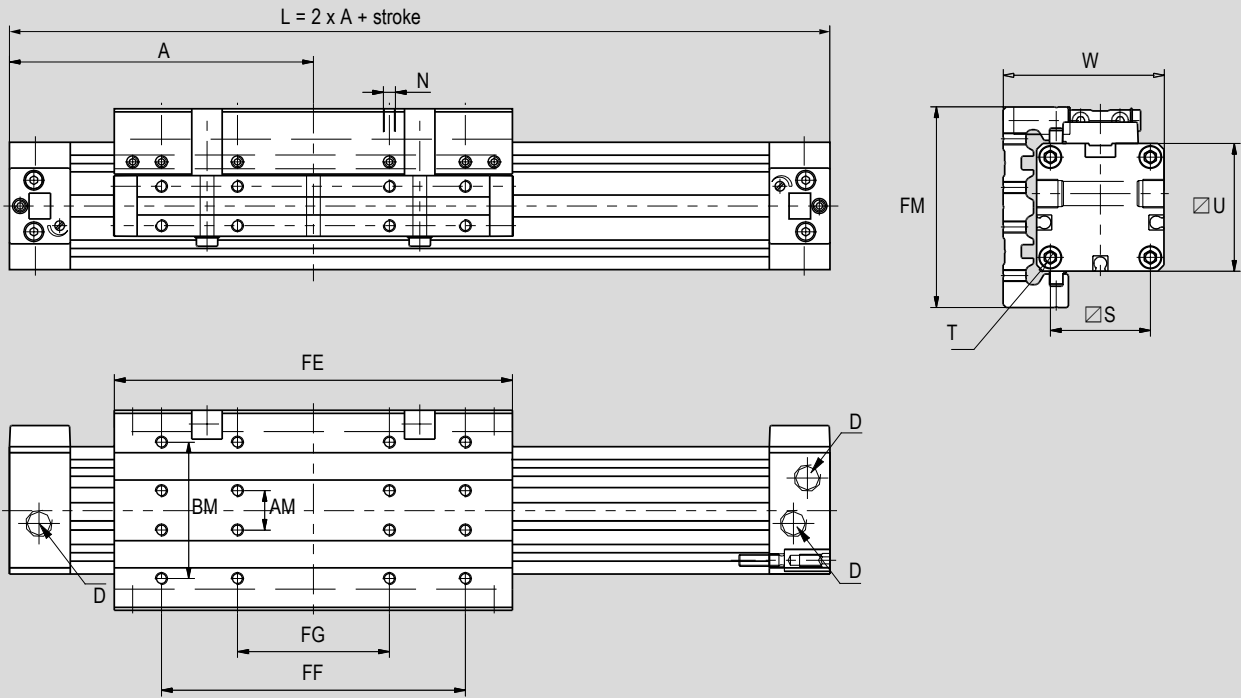
Example:

When applying a force $Fz = 500$ N to a cylinder 25 mm which could not deflect over 0,5 mm cannot be longer than 750 mm according to the diagram.

Should you exceed 750 mm use one or more mid supports (for mid support see page 1.26.90).

Standard dimensions

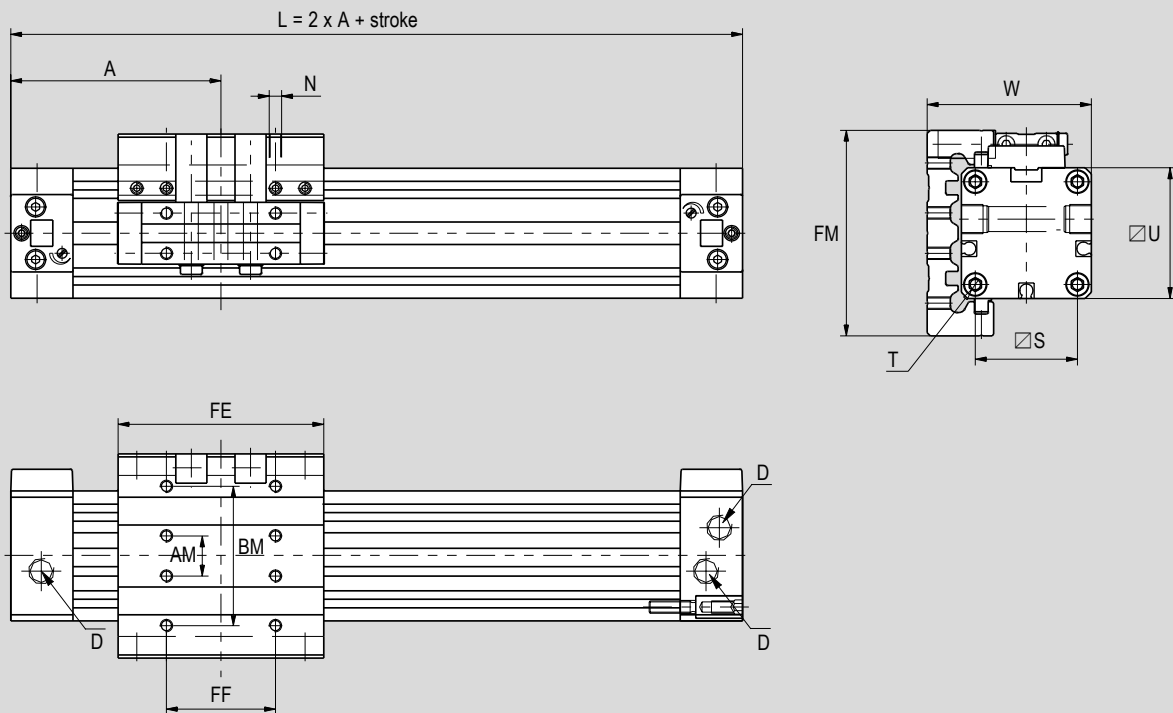
Type: S3



\varnothing (mm)	A	AM	BM	D	FE	FF	FG	FM	W	N	$\varnothing S$	T	$\varnothing U$
18	80	10	35	M5x6	103	75	-	50	39	M4x7,5	23,5	M3x7	30
25	100	13	45	G1/8x8	131	100	50	66	53	M4x8	33	M4x9	42
32	120	16	55	G1/8x8	171	140	70	80	65	M5x10	41	M5x10	52
40	150	22	70	G1/4x12	220	180	90	97	79	M6x12	51	M6x12	63
50	180	29	85	G1/4x12	280	220	110	116	96	M8x16	63	M8x12	78
63	215	40	105	G3/8x12	333	280	140	136	113,5	M8x16	78	M8x12	93

Standard dimensions

Type: **S5**

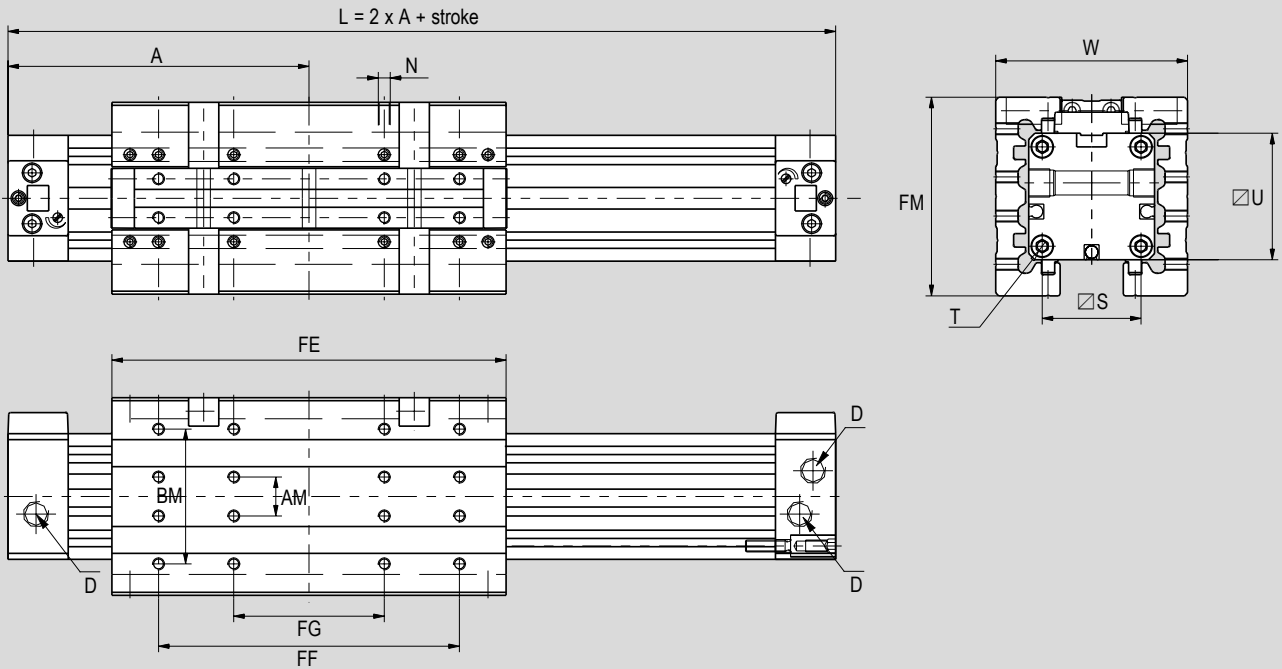


1 - CYLINDERS

∅ (mm)	A	AM	BM	D	FE	FF	FM	W	N	∅S	T	∅U
18	57.5	10	35	M5x6	58	30	50	39	M4x7.5	23.5	M3x7	30
25	67.5	13	45	G1/8x8	66	35	66	53	M4x8	33	M4x9	42
32	77.5	16	55	G1/8x8	86	55	80	65	M5x10	41	M5x10	52
40	95	22	70	G1/4x12	110	70	97	79	M6x12	51	M6x12	63
50	105	29	85	G1/4x12	130	70	116	96	M8x16	63	M8x12	78
63	125	40	105	G3/8x12	153	100	136	113.5	M8x16	78	M8x12	93

Standard dimensions

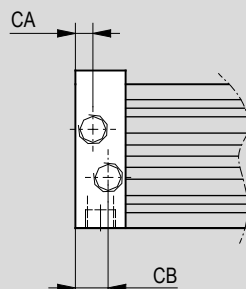
Type: S6



∅ (mm)	A	AM	BM	D	FE	FF	FG	FM	W	N	∅S	T	∅U
18	80	10	35	M5x6	103	75	-	50	48	M4x7.5	23.5	M3x7	30
25	100	13	45	G1/8x8	131	100	50	66	64	M4x8	33	M4x9	42
32	120	16	55	G1/8x8	171	140	70	80	78	M5x10	41	M5x10	52
40	150	22	70	G1/4x12	220	180	90	97	95	M6x12	51	M6x12	63
50	180	29	85	G1/4x12	280	220	110	116	114	M8x16	63	M8x12	78
63	215	40	105	G3/8x12	333	280	140	136	134	M8x16	78	M8x12	93

Dimensions with options

Type: ...U
Ø 25 ÷ 63



Ø (mm)	CA	CB	
25	7	13	
32	7	13	
40	11	14.5	
50	12	14	
63	12,5	15,5	

Rodless Cylinders

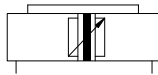
Series S4



Main features

25 ÷ 63

Bores Ø



Parallel
Double acting
Magnetic

S4

Type

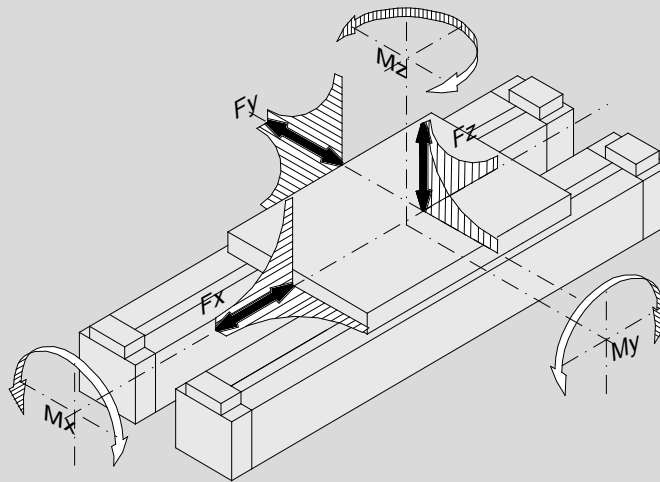


Technical data

Bore Ø mm		25	32	40	50	63
Fluid		Filtered compressed air with or without lubrication. Lubrication, if started, must be continued.				
Pressure range		2 ÷ 8 bar				
Temperature range		-20°C ÷ +80°C				
Strokes		10 ÷ 9000 mm				
Ports		G 1/4"		G 3/8"		G 1/2"
Deceleration stroke		18	24	34	40	49
Theoretical thrust force at 6 bar (N)		540	880	1360	2120	3360
Weight (g)	Basic weight	1900	3300	5800	11700	17000
	Additional 10 mm stroke	50	68	98	150	190

Loads and momentum

Type: **S4**



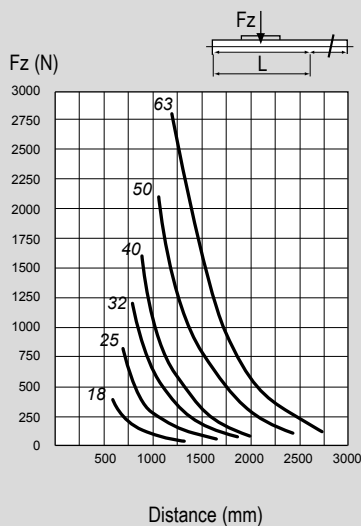
Ø (mm)	Force (Vmax ≤ 0,35 m/s)			F (load in N)			Momentum		
	Fx (N) 6 bar	Fy (N) 6 bar	Fz (N) 6 bar	a 0,75 m/s	a 1 m/s	a 1,5 m/s	Mx (Nm) Fy/Fz	My (Nm) Fx/Fz	Mz (Nm) Fx/Fy
25	540	240	900	300	175	75	16	27	27
32	880	360	1220	540	300	130	29	52	52
40	1360	540	1750	1090	620	280	55	88	88
50	2120	750	2500	1760	1000	450	90	155	155
63	3360	1000	3300	2900	1660	720	148	260	260

All data regarding the forces, refer to a speed of $V \leq 0,35$ m/s.

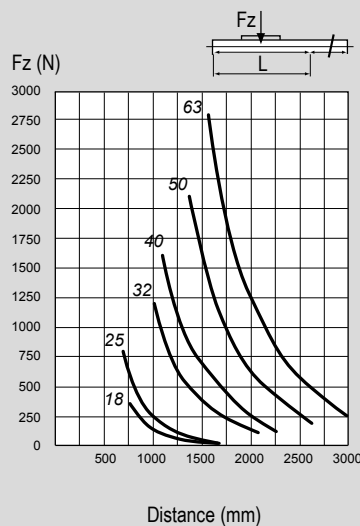
Maintaining the indicated values will allow to optimize lifetime, noise and efficiency. Higher speeds greatly reduce allowable forces. If operating conditions are outside the allowable limits (see table above), the energy of the moving mass must be absorbed by appropriate devices (hydraulic decelerators, stops, and similar), mounted as close as possible to the mass center of gravity.

Maximum allowable deflections

Fz at deflection 0,5 mm



Fz at deflection 1 mm



With long strokes cylinders or heavy loads, you should pay attention to the tube deflection.

One or more mid supports can be used according to the admissible deflection.

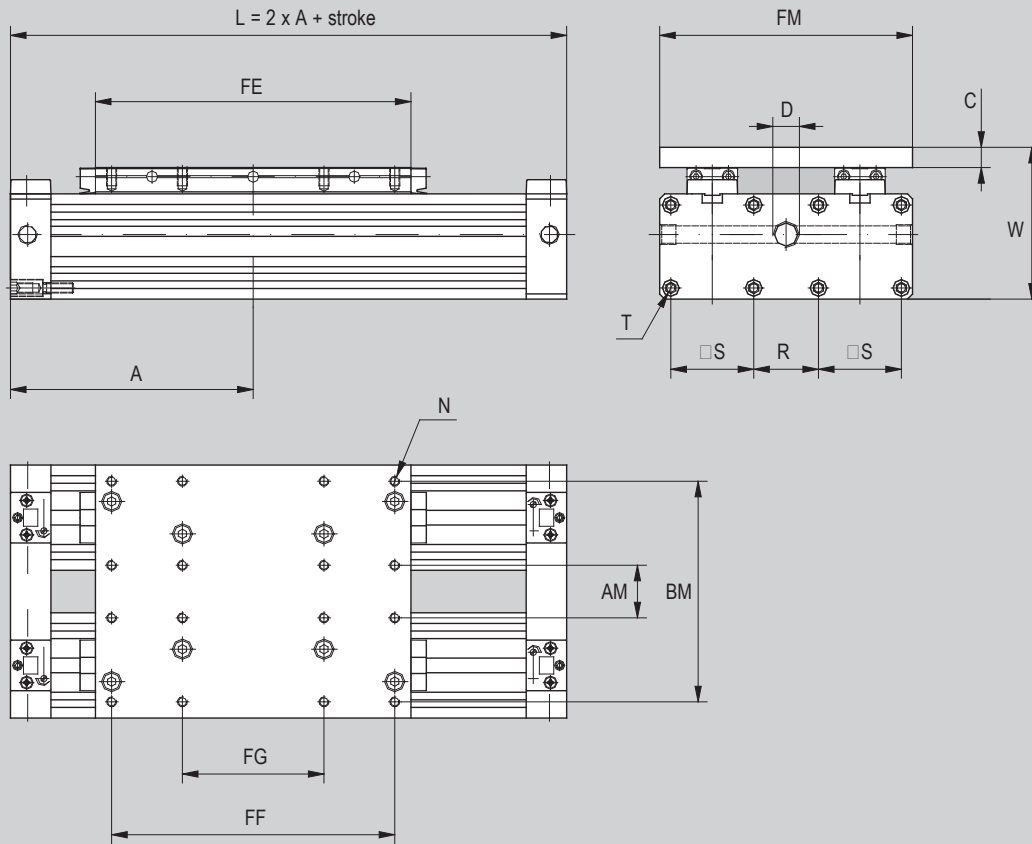
Example:

When applying a force $Fz = 500$ N to a cylinder 25 mm which could not deflect over 0,5 mm cannot be longer than 750 mm according to the diagram.

Should you exceed 750 mm use one or more mid supports (for mid support see page 1.26.90).


Standard dimensions

Type: **S4**




∅ (mm)	A	C	D	FE	FF	FG	AM	BM	FM	N	R	□S	T	W
25	100	8	G1/4x12	116	100	50	21	79	92	M4	17	33	M4x9	61
32	120	10	G1/4x12	156	140	70	26	109	125	M5	31	41	M5x10	75
40	150	12	G3/8x12	200	180	90	35	139	159	M6	45	51	M6x12	91
50	180	15	G3/8x12	260	220	110	44	164	184	M8	43	63	M8x12	111
63	215	15	G1/2x13	313	280	140	55	195	218	M8	47	78	M8x12	128.5

Light foot* P..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559010	P18S	S1 S2 S3 S4 S5 S6
	25	559011	P25S	
	32	559012	P32S	
	40	559013	P40S	
	50	559014	P50S	
	63	559015	P63S	


*Kit composed by 2 feet

Heavy foot* PP..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559096	PP18S	S1 S2 S3 S4 S5 S6
	25	559097	PP25S	
	32	559098	PP32S	
	40	559099	PP40S	
	50	559100	PP50S	
	63	559101	PP63S	

*Kit composed by 2 feet


Light mid support* SI..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559020	SI18S	S1** S2 S4
	25	559021	SI25S	
	32	559022	SI32S	
	40	559023	SI40S	
	50	559024	SI50S	
	63	559025	SI63S	

*Kit composed by 2 supports

Do not matching with option **B mounted


Heavy mid support* SIP..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559102	SIP18S	S1** S2 S4
	25	559103	SIP25S	
	32	559104	SIP32S	
	40	559105	SIP40S	
	50	559106	SIP50S	
	63	559107	SIP63S	

*Kit composed by 2 supports


Do not matching with option **B mounted

Light flexible coupling CL..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559038	CL18S	S1** S2
	25	559037	CL25S	
	32	559032	CL32S	
	40	559033	CL40S	
	50	559034	CL50S	
	63	559035	CL63S	


Do not matching with option **B mounted

Heavy flexible coupling C..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559001	C18S	S1** S2
	25	559002	C25S	
	32	559003	C32S	
	40	559004	C40S	
	50	559005	C50S	
	63	559006	C63S	


Do not matching with option **B mounted

Mid support for shock absorbers* SID..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559060	SID18S	S3 S5 S6
	25	559061	SID25S	
	32	559062	SID32S	
	40	559063	SID40S	
	50	559064	SID50S	
	63	559065	SID63S	


*Shock absorber to be ordered separately, see page 1.105.1

End support for shock absorbers* STD..S

	For cylinder Ø mm	Code	Item	Cylinder matching
	18	559070	STD18S	S3 S5 S6
	25	559071	STD25S	
	32	559072	STD32S	
	40	559073	STD40S	
	50	559074	STD50S	
	63	559075	STD63S	




*Shock absorber to be ordered separately, see page 1.105.1

Bracket AS109 (for magnetic reed switches T groove)

	For cylinder Ø mm	Code	Item	Cylinder matching*
	18	072916	AS109	S..

*Required only for Ø 18

Magnetic reed switch T groove ASV..

	For cylinder Ø mm	Code	Item	Cylinder matching*
	18 ÷ 63	070946 	ASV1C525	S1 S2 S3 S4 S5 S6
071863		ASV1C550		
071864		ASV1C51K		
071189		ASV1C5M8		
073639		ASV4D225		
070246 		ASV4D2M8		
070247		ASV7N2M8		
070372		ASV7M2M8		
072918		ASV1H525		

*For Ø 18 use the bracket type AS109, for Ø 25 ÷ 63 use grooves.