

# Telescopic pillar

Telemag TLC

## Benefits

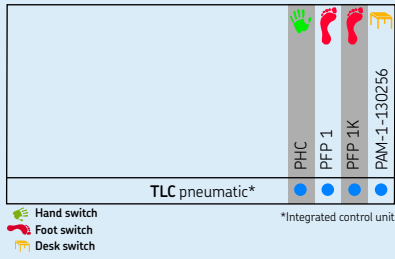
- Push or pull load
- High bending load
- Quiet
- Powerful
- Plug and play

## Standards

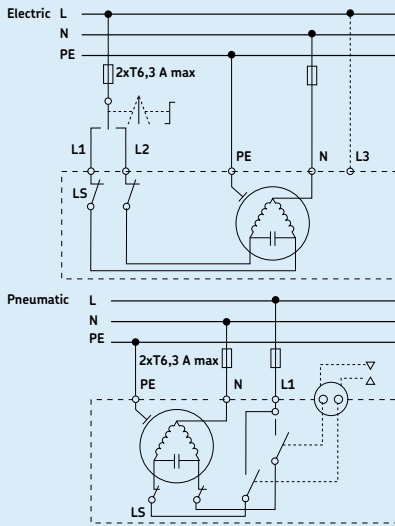
- EN/IEC 60601-1
- UL 60601-1



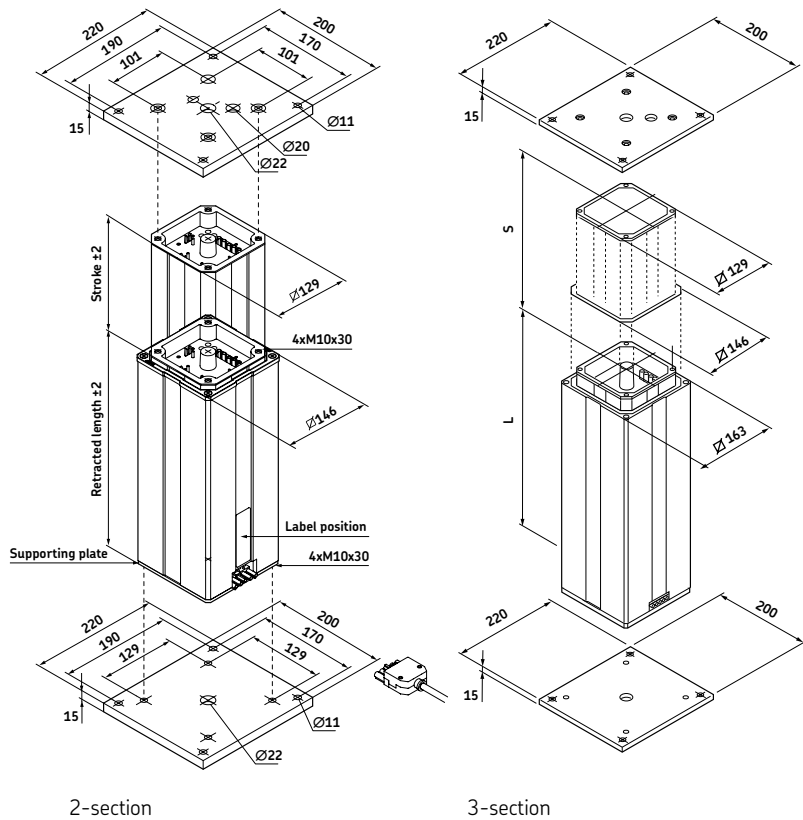
Suitable control units and accessories



Connecting diagrams



Dimensional drawing



Legend:  
S = stroke  
L = retracted length

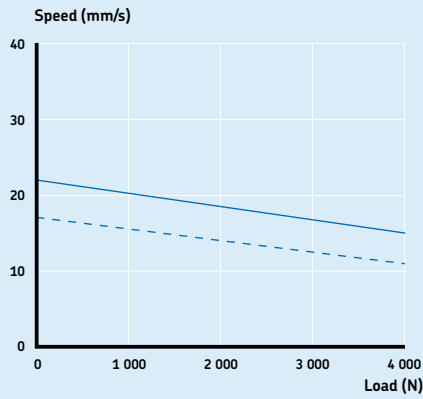
Note: mounting plates are not included.  
To be ordered separately.

Technical data

	Unit	TLC 12ZWAS	TLC 12ZWAK	TLC 12ZWDS	TLC 12ZWDK
Rated push load	N	4 000	4 000	4 000	4 000
Rated pull load	N	4 000	4 000	4 000	4 000
Bending load	Nm	up to 630*	up to 630*	up to 2 100*	up to 2 100*
Speed (full load to no load)	120 V AC 230 V AC	mm/s 15 to 22	mm/s 15 to 22	mm/s 15 to 22	mm/s 15 to 22
Telescopic pillar version	# of section	2-section	2-section	3-section	3-section
Stroke	mm	100 to 700	100 to 700	255 to 700	255 to 700
Retracted length (push version)	mm	S+175	S+175	S+60	S+60
Retracted length (pull version)	mm	S+185	S+185	S+70	S+70
Voltage	V AC	120 or 230	120 or 230	120 or 230	120 or 230
Power	120 V AC 230 V AC	W 1 200	W 1 200	W 1 200	W 1 200
Current	120 V AC 230 V AC	A 10	A 10	A 10	A 10
Duty cycle: intermittent operation	120 V AC 230 V AC	min. 0,8 min./37 min.	min. 0,8 min./37 min.	min. 0,8 min./37 min.	min. 0,8 min./37 min.
Duty cycle: short-time operation	120 V AC 230 V AC	min. 1,2	min. 1,2	min. 1,2	min. 1,2
Ambient temperature	°C	+10 to +40	+10 to +40	+10 to +40	+10 to +40
Type of protection	IP	20/30	20/30	20/30	20/30
Protection class	-	I	I	I	I
Type of control	-	electrical	pneumatic	electrical	pneumatic
Weight	kg	15,2-24,5	15,2-24,5	18,3-30,5	18,3-30,5

\* For details, please see bending load diagrams

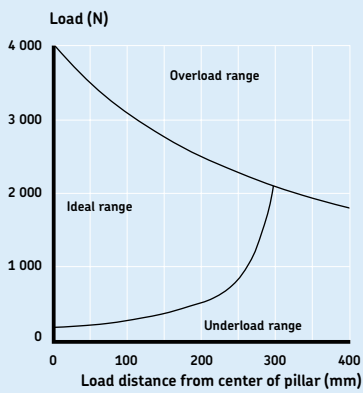
Performance diagram



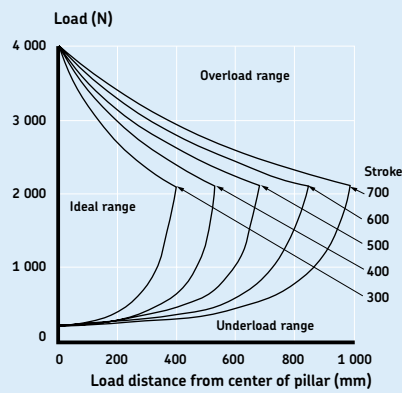
Speed-load diagram

— 120 V AC version  
 - - - 230 V AC version

Bending load diagrams

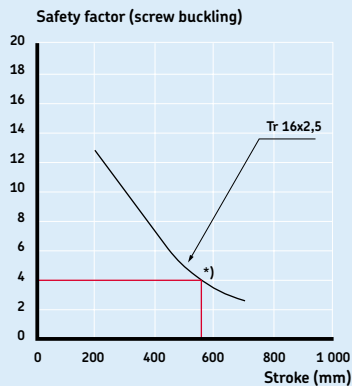


Bending load diagram 2-section



Bending load diagram 3-section

Safety factor load conditions



\* Safety factor = 4

## Ordering key

T	L	C	12		W					-		0	
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## Type

## Load:

4 000 N  
3 000 N  
2 000 N

Z  
X  
S

## Tube set:

Tube set 2×  
Tube set 3×

A  
D

## Control:

Electrical control  
Pneumatic control  
*Low-voltage control*

S  
K  
N

## Voltage:

230 V AC/50 Hz (no code)  
120 V AC/60 Hz  
*Special voltage*

2  
9

## Type of protection/test:

Standard IP30 (no code)  
*UL approved*

U

## Construction:

Push load  
*Customer-specific*  
Pull load

0  
1  
3

## Stroke (S):

100 mm, only for tube set 2×, push  
255 mm, only for tube set 3×, push  
200 mm, only for tube set 2×  
300 mm  
400 mm  
500 mm  
600 mm  
700 mm

1  
1  
2  
3  
4  
5  
6  
7

*Options shown in italics are only available on demand. Contact SKF for more information on minimum quantities and additional costs.*

## Accessories

	Designation	Order N°
Top mounting plate for 2 × tube set	SPL-290268	M/0125624
Bottom mounting plate for 2 × tube set	SPL-290351	M/0125625
Top mounting plate for 3 × tube set	SPL-290268	M/0125624
Bottom mounting plate for 3 × tube set	SPL-290265	M/0125623
Screw (4/plate) for mounting plate	ZBE-510707	M/0125360
Plug AC Telemag 3 pin	SEL-265518	M/0124866
Plug AC Telemag 5 pin	SEL-265519	M/0124864

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