

Telescopic pillar

Telemag THC

Benefits

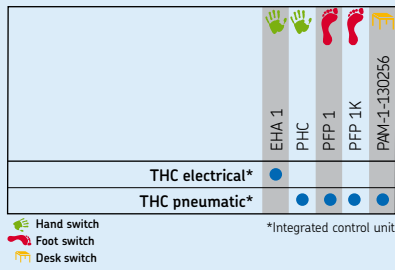
- Quiet
- Powerful
- Robust
- Plug and play

Standards

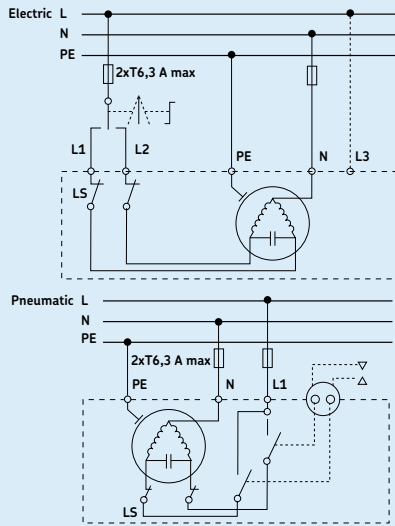
- EN/IEC 60601-1
- UL 60601-1



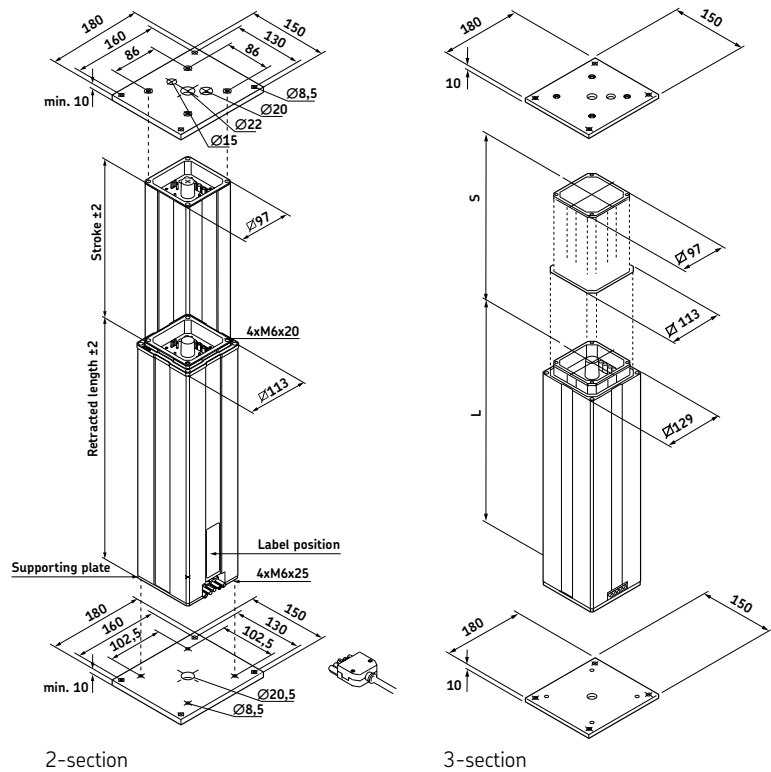
Suitable control units and accessories



Connecting diagrams



Dimensional drawing



Legend:
S = stroke
L = retracted length

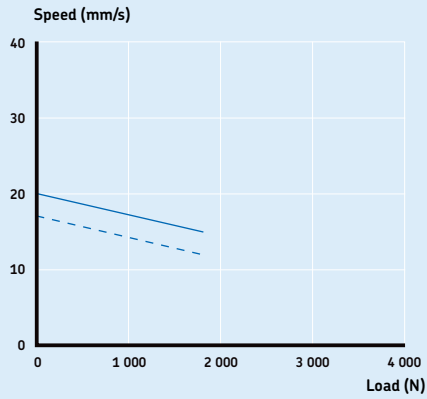
Note: mounting plates are not included.
To be ordered separately.

Technical data

	Unit	THC 8AWAS	THC 8AWAK	THC 8AWDS	THC 8AWDK
Push load	N	1 800	1 800	1 800	1 800
Pull load	N	1 800	1 800	1 800	1 800
Max. bending load	Nm	up to 250*	up to 250*	up to 900*	up to 900*
Speed (full load to no load)	120 V AC	mm/s	15 to 20	15 to 20	15 to 20
	230 V AC	mm/s	12 to 17	12 to 17	12 to 17
Telescopic pillar version	# of section	2-section	2-section	3-section	3-section
Stroke	mm	200 to 700	200 to 700	230 to 700	230 to 700
Retracted length	mm	S+155	S+155	S+60	S+60
Voltage	V AC	120 or 230	120 or 230	120 or 230	120 or 230
Power	120 V AC	W	750	750	750
	230 V AC	W	500	500	500
Current	120 V AC	A	6	6	6
	230 V AC	A	2,2	2,2	2,2
Duty cycle: intermittent operation	120 V AC	min.	0,7 min./30 min.	0,7 min./30 min.	0,7 min./30 min.
	230 V AC	min.	1 min./27 min.	1 min./27 min.	1 min./27 min.
Duty cycle: short-time operation	120 V AC	min.	1	1	1
	230 V AC	min.	2	2	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	7,9 to 13,5	7,9 to 13,5	8,6 to 17,5	8,6 to 17,5

* For details, please see bending load diagrams

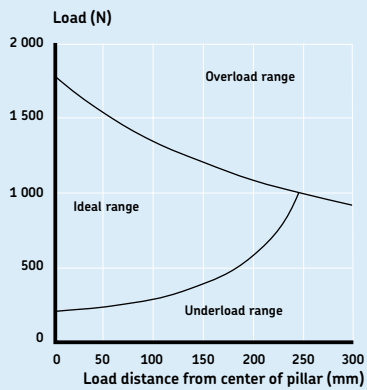
Performance diagram



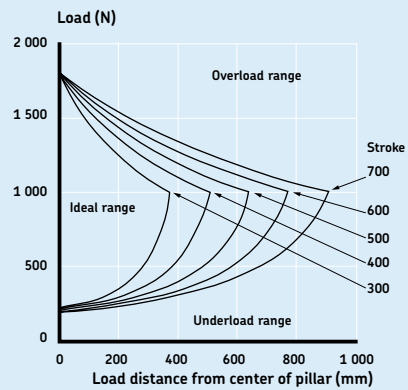
Speed-load diagram

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

Bending load diagrams

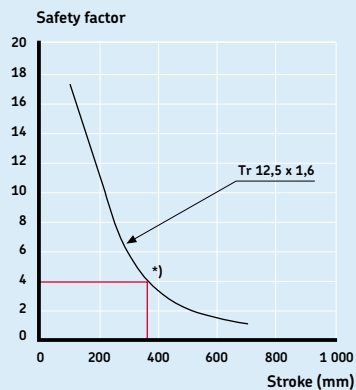


Bending load diagram 2-section



Bending load diagram 3-section

Safety factor load conditions



* Safety factor = 4

Ordering key

T	H	C	8		W					-		0	
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Type

Load:

1 800 N
1 500 N
1 300 N

A
B
C

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, IP 30 (no code)
120 V AC/60 Hz, IP 20
Special voltage

2
9

Type of protection /test:

Standard IP30 (no code)
UL test

U

Construction:

Push load
Customer-specific
Pull load

0
1
3

Stroke (S):

200 mm (only for tube set 2×)
300 mm
400 mm
500 mm
600 mm
700 mm

2
3
4
5
6
7

Options written in italic fonts are only available on demand. Please contact SKF

Accessories

Description	Designation	Order N°
Top mounting plate for 2 × tube set	SPL-264265	M/0125688
Bottom mounting plate for 2 × tube set	SMT-264363	M/0124814
Top mounting plate for 3 × tube set	SPL-264265	M/0125688
Bottom mounting plate for 3 × tube set	SPL-264237	M/0125622
Screw (4/plate) for top mounting plate	ZBE-510671	M/0125628
Screw (4/plate) for bottom mounting plate	ZBE-510709	M/0125560
Plug AC Telemag 3 pin	SEL-265518	M/0124866
Plug AC Telemag 5 pin	SEL-265519	M/0124864

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