

Telescopic pillar

Telemag TLT

Benefits

- Very small built-in dimension
- Powerful

Standards

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

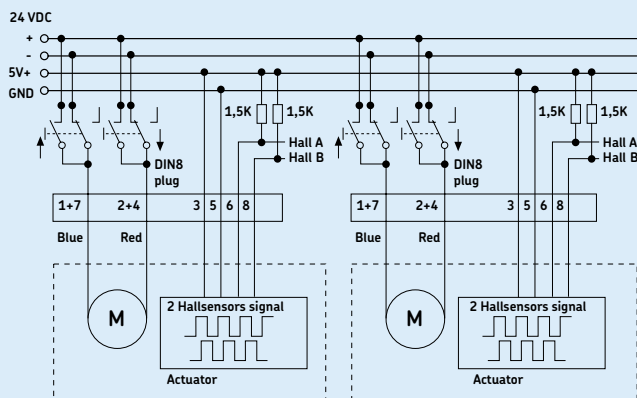


Suitable control units and accessories

		Control units							
		SCU 1	SCU 5	SCU 9	VCU 5	VCU 8	VCU 9	BCU 5	BCU 8
TLT		•	•	•	•	•	•	•	•
EHA3		•	•	•	•	•	•	•	•
STJ		•	•	•	•	•	•	•	•
STE		•	•	•	•	•	•	•	•

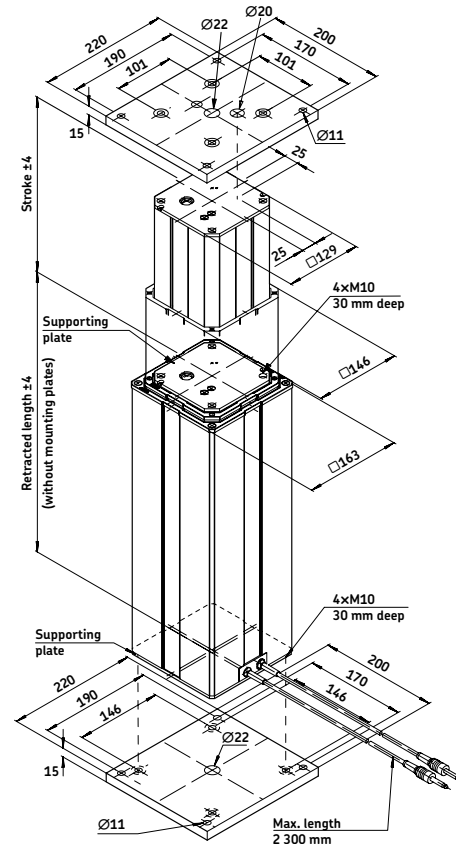
Hand switch
 Foot switch
 Desk switch

Connecting diagram*



* Only valid with TLT11. TLT10 must be operated by a BCU, SCU or VCU control unit.

Dimensional drawing



Legend:
S = stroke
L = retracted length

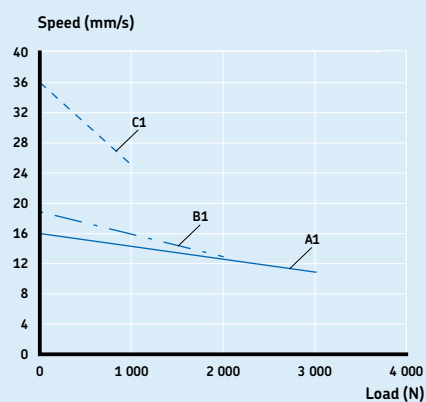
Note: mounting plates are not included.
To be ordered separately.

Technical data

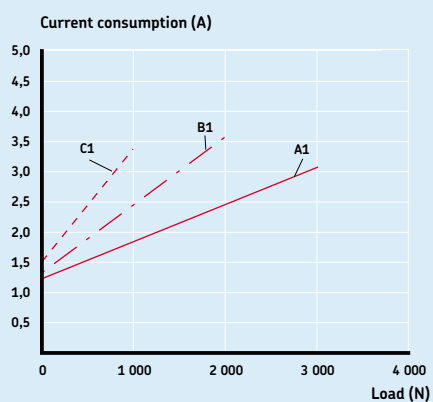
	Unit	TLT10-A1	TLT10-A2	TLT10-B1	TLT10-C1	TLT10-C2
Rated push load	N	3 000	4 000	2 000	1 000	2 000
Rated pull load	N	0	0	0	0	0
Bending load	Nm	up to 400*	up to 1 000*	up to 250*	up to 110*	up to 480*
Speed (full load to no load)	mm/s	11 to 16	13 to 19	13 to 19	25 to 36	25 to 42
Telescopic pillar version	# of section	3-section	3-section	3-section	3-section	3-section
Stroke	mm	300 to 700	300 to 700	300 to 700	300 to 700	300 to 700
Retracted length	mm	0,5 × S+170	0,5 × S+240	0,5 × S+170	0,5 × S+170	0,5 × S+240
Voltage	V DC	24	24	24	24	24
Power	W	168	168	192	192	216
Current	A	2×3,5	2×3,5	2×4,0	2×4,0	2×4,5
Duty cycle: intermittent operation	min.	1 min./9 min	1 min./9 min	1 min./9 min	1 min./9 min	1 min./9 min
Ambient temperature	°C	+10 to +40	+10 to +40	+10 to +40	+10 to +40	+10 to +40
Type of protection	IP	40	40	40	40	40
Protection class	—	SELV	SELV	SELV	SELV	SELV
Type of control	—	electrical	electrical	electrical	electrical	electrical
Weight	kg	15 to 30	15 to 30	15 to 30	15 to 30	15 to 30

* For details, please see bending load diagrams

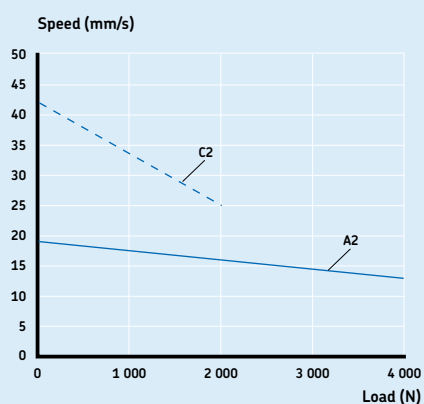
Performance diagrams



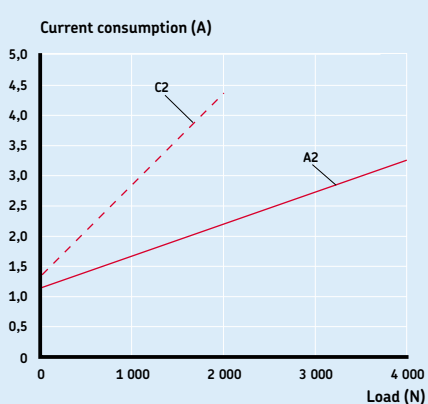
Speed-load diagram



Current-load diagram

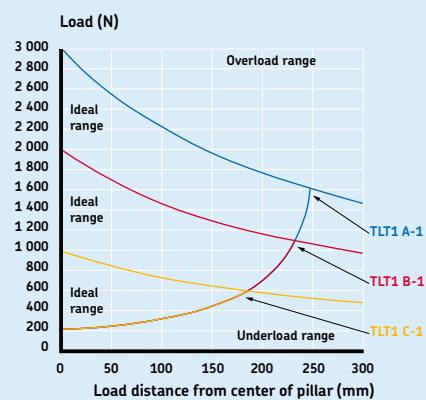


Speed-load diagram

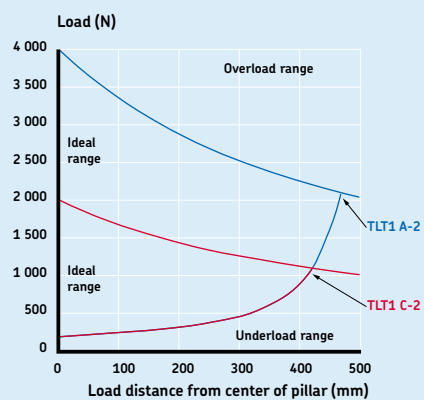


Current-load diagram

Bending load diagrams



Bending load diagram A1, B1, C1



Bending load diagram A2, C2

Ordering key

T	L	T	1		-					-	0	0	0
---	---	---	---	--	---	--	--	--	--	---	---	---	---

Type

Voltage:

24 V DC

24 V DC with integrated current cut-off (only for A2 and C2)

0

1

Load / Speed:

4 000 N

3 000 N

2 000 N / 19 to 13 mm/s

2 000 N / 42 to 25 mm/s

1 000 N

A2
A1
B1
C2
C1

Stroke (S):

300 mm

400 mm

500 mm

600 mm*

700 mm*

3
4
5
6
7

Cable / connecting plug:

*Straight, 1,0 m / jack plug**Straight, 2,3 m / jack plug**Coiled, 0,6 m / jack plug**Straight, 1,0 m / DIN8 plug**Straight, 2,3 m / DIN8 plug**Coiled, 0,6 m / DIN8 plug*1
2
A
3
4
B

Option:

No option

1-Hall encoder, 8 pulses, cable with jack plug

*Cable feedthrough, 3x1,5 mm², top +160 mm, bottom +800 mm**Cable feedthrough, 1-Hall encoder**2-Hall encoder, cable with DIN8 plug*0
A
C
D
F

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

*Reduced safety factor

Accessories

	Designation	Order N°
Top mounting plate	SPL-290268	M/0125624
Bottom mounting plate	SPL-290265	M/0125623
Screw (4/plate) for mounting plate	ZBE-510707	M/0125360

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