

Telescopic pillar TLT



Very small built-in dimension



Powerful



Standards
EN/IEC 60601-1
UL 60601-1

TLT

Telemag telescopic pillar

Benefits

- Very small built-in dimension
- Powerful

Standards

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



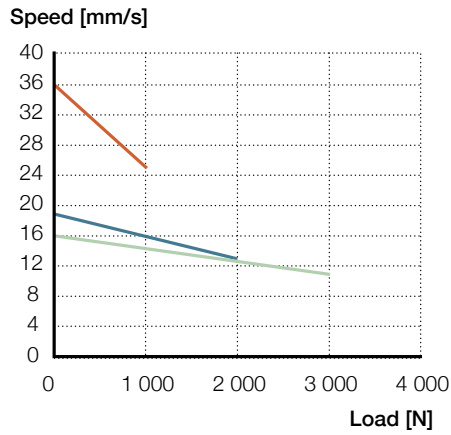
Technical data

	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 ¹⁾	up to 1 000 ¹⁾	up to 250 ¹⁾	up to 110 ¹⁾	up to 480 ¹⁾
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	2×4,5	2×4,5	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

¹⁾ For details, please see bending load diagrams (↳ page 4)

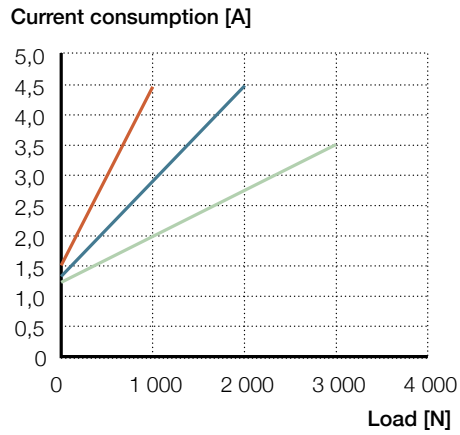
Performance diagrams

Speed-load diagram

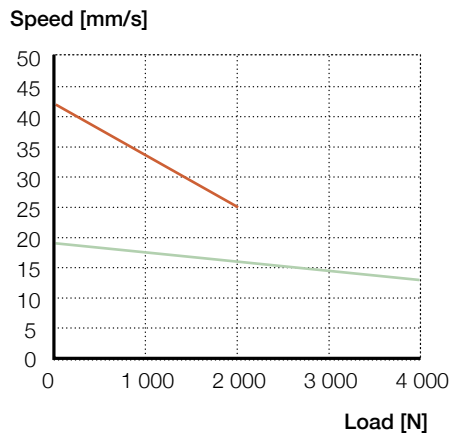


— A1 — B1 — C1

Current-load diagram

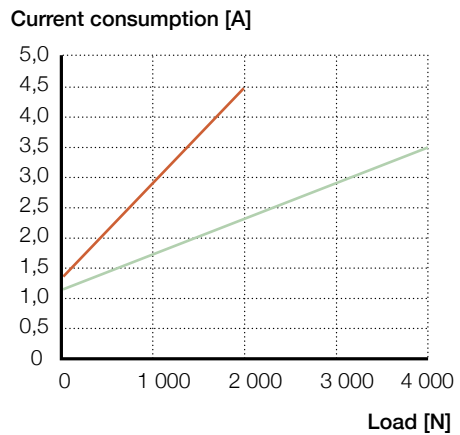


Speed-load diagram



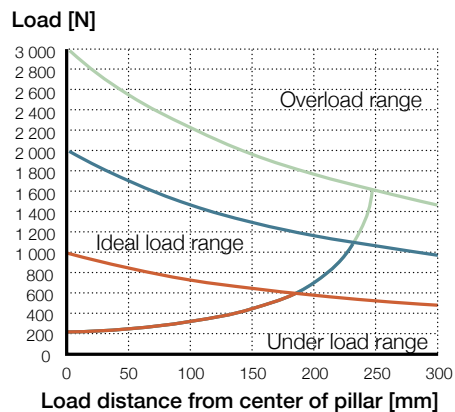
— A2 — C2

Current-load diagram



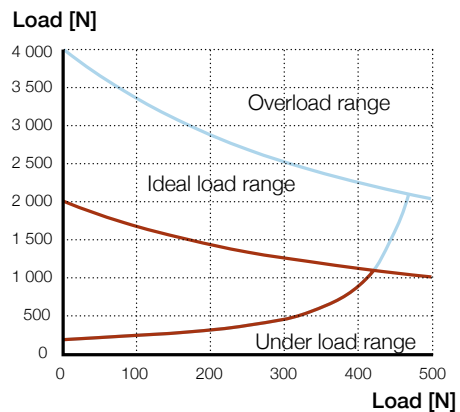
Bending load diagrams

Bending load diagram A1, B1, C1



— TLT1 A-1 — TLT1 B-1 — TLT1 C-1

Bending load diagram A2, C2



— TLT1 A-2 — TLT1 C-2

Accessories

	Designation	Order number
Top mounting plate	ZPL-290268	0125624
Bottom mounting plate	ZPL-290265	0125623
Screw (4/plate) for mounting plate	ZBE-510707	0125360

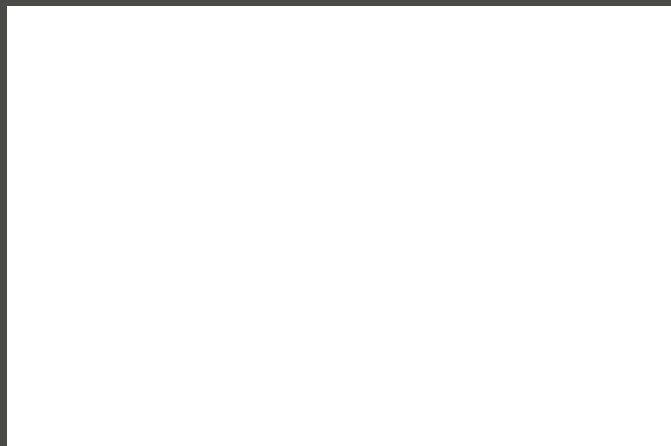
Ordering key

TLT 1 - - - - - 0 0 0

Type		
Voltage		
24 V DC	0	
24 V DC with integrated current cut-off (only for A2 and C2)	1	
Load / Speed		
4 000 N	A2	
3 000 N	A1	
2 000 N / 19 to 13 mm/s	B1	
2 000 N / 42 to 25 mm/s	C2	
1 000 N	C1	
Stroke [S]		
300 mm		3
400 mm		4
500 mm		5
600 mm ¹⁾		6
700 mm ¹⁾		7
Cable / connecting plug		
Straight, 1,0 m / jack plug		1
Straight, 2,3 m / jack plug		2
Coiled, 0,6 m / jack plug		A
Straight, 1,0 m / DIN8 plug		3
Straight, 2,3 m / DIN8 plug		4
Coiled, 0,6 m / DIN8 plug		B
Option		
No option		0
1-Hall encoder, 8 pulses, cable with jack plug		A
Cable feedthrough, 3x1,5 mm ² , top +160 mm, bottom +800 mm		C
Cable feedthrough, 1-Hall encoder, 8 pulses, cable with jack plug		D
2-Hall encoder, cable with DIN8 plug		F

¹⁾ Reduced safety factor

Options written in yellow are only available on demand. Contact Ewellix for more information on minimum quantities and additional costs.



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