

Telescopic pillar

Telemag TFG

Benefits




- Push or pull load
- Compact design
- Fast movement
- Powerful
- Plug and play




Standards

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

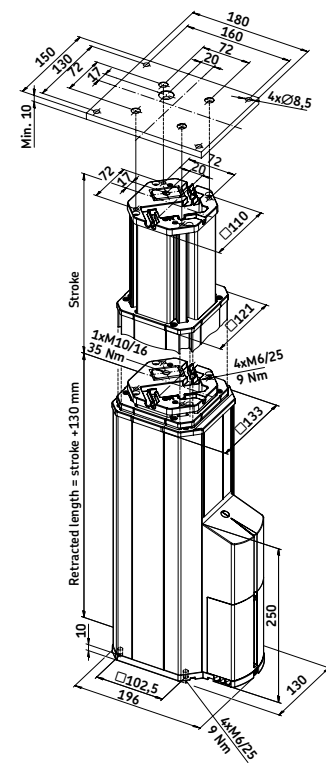


Suitable control units and accessories

Control units										  			
	SCU 1	SCU 5	SCU 9	VCU 5	VCU 8	VCU 9	BCU 5	BCU 8	LD 014	LD 015	EHA3	STJ	STE
TFG 10	●	●	●	●	●	●	●	●	●	●	●	●	●
TFG 50	Integrated control unit										●	●	●
TFG 90	Integrated control unit										●	●	●
EHA3	●	●	●	●	●	●	●	●	●	●			
STJ	●	●	●	●	●	●	●	●	●	●			
STE	●	●	●	●	●	●	●	●	●	●			
LD-034.000.004											●	●	
LD-011.031.000											●	●	

 Hand switch
 Foot switch
 Desk switch

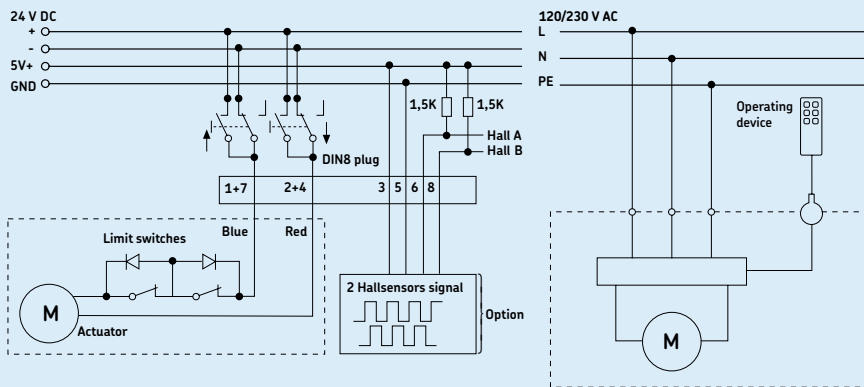
Dimensional drawing



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

Legend:
S = stroke
L = retracted length

Connecting diagrams

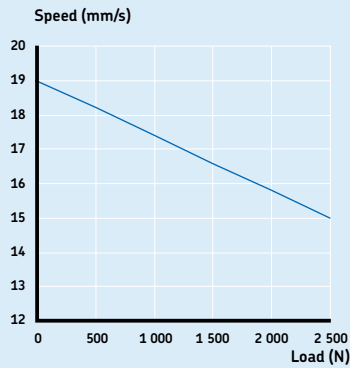


Technical data

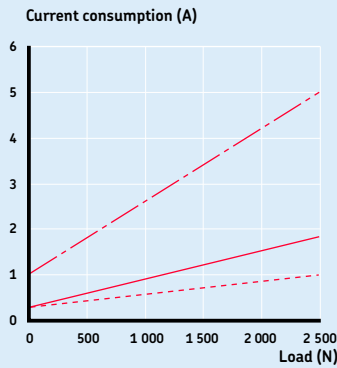
	Unit	TFG 10	TFG 50	TFG 90
Rated push load	N	2 500	2 500	2 500
Rated pull load	N	2 500	2 500	2 500
Bending load	Nm	up to 500*	up to 500*	up to 500*
Speed (full load to no load)	mm/s	15 to 19	15 to 19	15 to 19
Telescopic pillar version	# of section	3-section	3-section	3-section
Stroke	mm	200 to 700	200 to 700	200 to 700
Retracted length	mm	S+130	S+130	S+130
Voltage	V AC	24	120	230
Power	W	120	160	160
Current	A	5	1,8	1
Duty cycle: intermittent operation	min.	1 min./9 min.	1 min./9 min.	1 min./9 min.
Duty cycle: short-time operation	min.	3	3	3
Ambient temperature	°C	+10 to +40	+10 to +40	+10 to +40
Type of protection	IP	30	30	30
Protection class	-	SELV	1	1
Type of control	-	electrical	electrical	electrical
Weight	kg	8 to 19	8 to 19	8 to 19

* For details, please see bending load diagrams

Performance diagrams



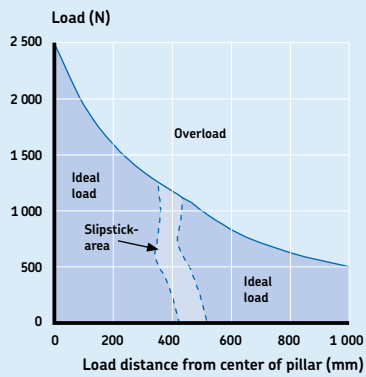
Speed-load diagram



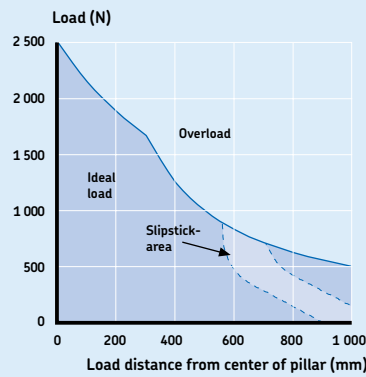
Current-load diagram

- TFG 10
- TFG 50
- TFG 90

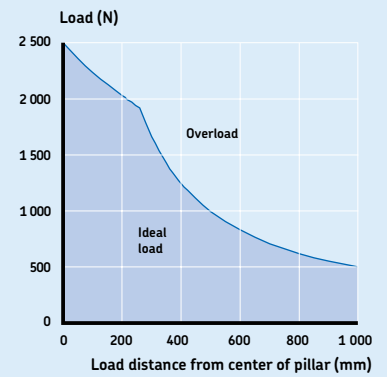
Bending load diagrams



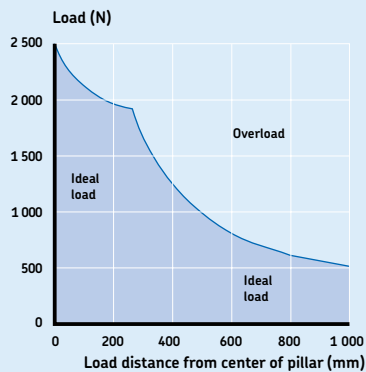
200 mm stroke



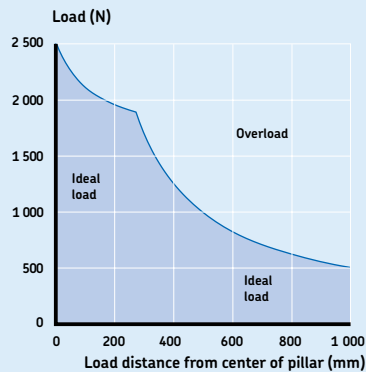
300 mm stroke



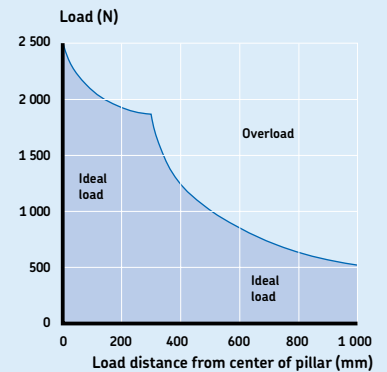
400 mm stroke



500 mm stroke



600 mm stroke



700 mm stroke

Ordering key

T	F	G		0	-	2	3					-	0	0	0
---	---	---	--	---	---	---	---	--	--	--	--	---	---	---	---

Type

Voltage:

24 V DC
120 V AC (50/60 Hz)
230 V AC (50 Hz)

1
5
9

Stroke (S):

200 mm
250 mm
300 mm
350 mm
400 mm
500 mm
700 mm

200
250
300
350
400
500
700

Option:

No option
With 2-Hall encoder, 14 pulses per 9 mm travel
With mains cable feedthrough (3xAWG16)
With control cable feedthrough (10xAWG28)

000
E
C
H

Accessories

	Designation	Order N°
Top mounting plate Bore 72 × 72 mm	SMT-333360	M/0124808
Bottom mounting plate Bore 102,5 × 102,5 mm	SMT-264363	M/0124814
Screw for top mounting plate M10 × 25 (1 screw required)	ZBE-510978	M/0125359
Screw for top mounting plate M6 × 30 (4 screws required)	ZBE-510709	M/0125560
Screw for bottom mounting plate M6 × 30 (4 screws required)	ZBE-510709	M/0125560
Mains cable SEV plug 3 000 mm, black, 3 × 0.75 mm ²	ZKA-304345	M/0125331
Mains cable Schuko plug 3 000 mm, black, 3 × 0.75 mm ²	ZKA-304346-3000	M/0121729
Mains cable US plug 3 000 mm, black, 3 × 0.75 mm ²	ZKA-304347-3000	M/0121762
Mains cable British Standard plug 3 000 mm, black, 3 × 0.75 mm ²	ZKA-304355-3000	M/0121755



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