



NEFF Telescopic Screw Drive S-TEG

2-stage synchronously extending telescopic screw drive as glide screw drive version or as ball screw drive version.
As proven "N" design version – "Lifting screw" - or as non-rotating variant of the "VK" design, optionally with safety nut and integrated limit switches.

Standardised connecting options on request for gear, toothed belt or for the direct connection of a drive motor by means of a motor adapter flange or coupling.

The different variants can be selected on the basis of the product code.

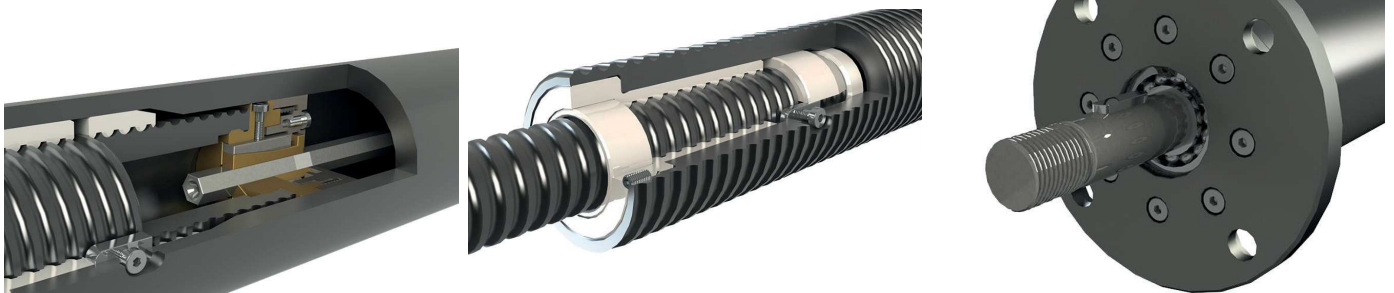
General technical data:

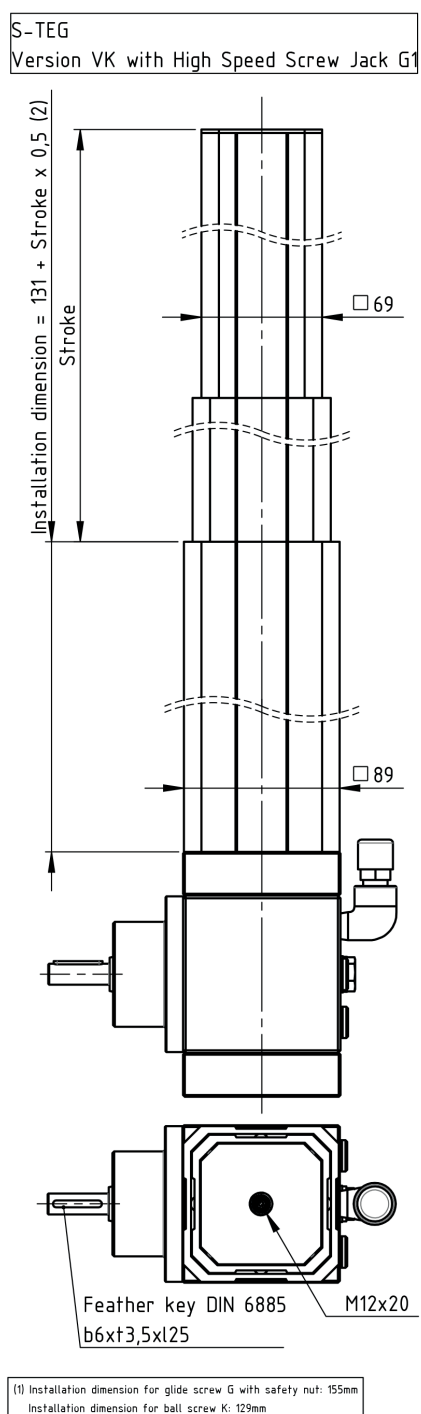
- The intelligent drive unit ensures continuous torque and clearance throughout the entire stroke.
- Reduced friction values due to Teflon-coated aluminium materials (glide screw version)
- The safety nuts for the glide screw version may optionally be set for fracture or wear.
- For the ball screw version, nuts from the standard product range are used, thus ensuring availability of stock goods and quick replacement.

Technical specifications:

Max. stroke power with ball drive:	16400 N
Max. stroke power with glide screw drive: ¹⁾	10500 N
Maximum stroke length:	up to 2400mm > 2400mm on request
Stroke per revolution of the drive shaft:	10mm Up to 100mm on request
Axial clearance with ball screw drive:	0.1mm (standard) <0.1mm on request
Axial clearance with glide screw drive:	max. 0.4mm <0.4mm on request
Accuracy classes:	T7: 52µm/300mm ²⁾ T9: 130µm/300mm T10: 210µm/300mm
Efficiency with ball screw drive:	0.76
Efficiency with glide screw drive:	0.21 (version: 10mm stroke per revolution) 0.68 (version: 100mm stroke per revolution)
Idling torque with ball screw drive:	0.054 Nm
Idling torque with glide screw drive:	0.133 Nm
Maximum admissible drive torque:	30Nm

1) Depending on the pv value (load x speed)
2) Only available for ball screw version





* optional with translation 2:1 or 3:1

Ordering code

S-TEG Synchron-Telescope drive

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No.	Designation	Code	Description
①	Product abbreviation	S-TEG	Synchron-Telescop drive
②	Design	N VK	Lifting screw Lifting screw (protected against twisting by square tube)
③	Screw design	G K	Glide screw Ball screw
④	Screw size	4205- 2205 4005- 2005	Standard for Glide screw: 1. Step: 4205= Ø 42mm, 5mm Pitch 2. Step: 2205= Ø 22mm, 5mm Pitch Standard for ball screw: 1. Step: 4005= Ø 40mm, 5mm Pitch 2. Step: 2005= Ø 20mm, 5mm Pitch
⑤	Accuracy class of the screw	T7 T9 T10	52µm/300mm (Only for ball screw) 130µm/300mm 210µm/300mm
⑥	Safety nut	0 SFM	none Safety nut (Only for glide screw)
⑦	Stroke		Stroke length in [mm]
⑧	Attached parts screw end	0 BP HG	none (M12 Threaded) With Top plate BP With High Performance Joint Plug HGK
⑨	Attached parts driving side	AF MG M3 G1	With adapter flange AF With mounted Screw Jack M3 With mounted High Speed Screw Jack G1
⑩	Limit switches	0 IEND	none With inductive limit switches
⑪	Special requirements	0 1	none According to specificatin, description or drawing