

Linear actuator

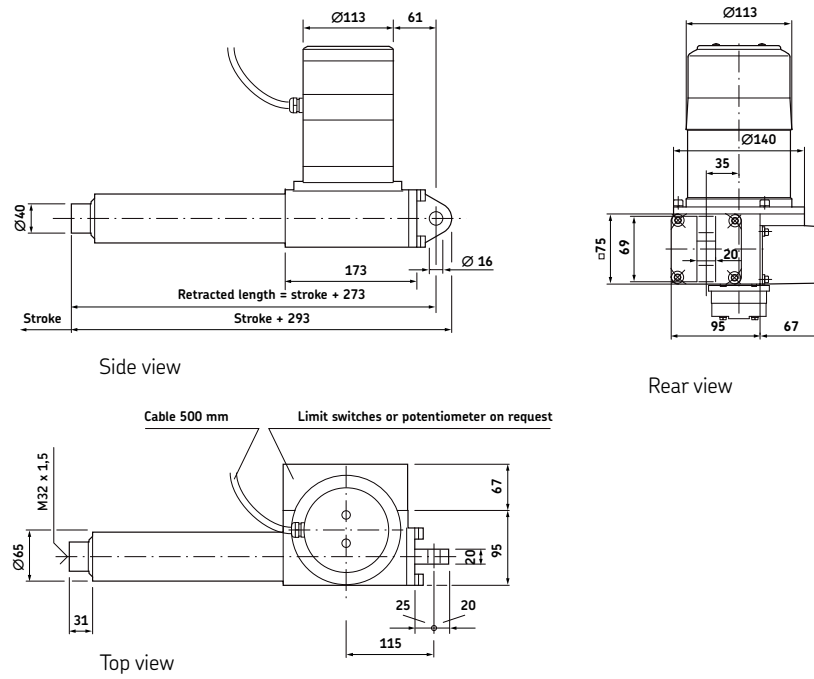
Magforce STG

Benefits

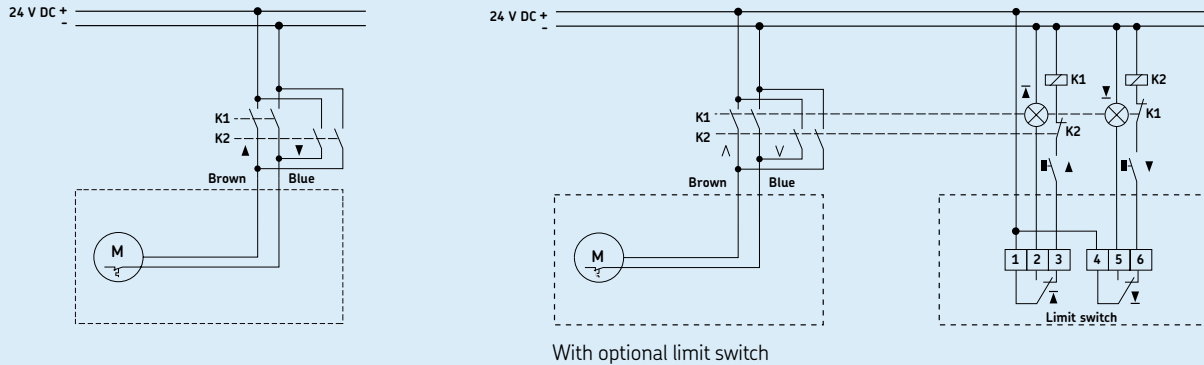
- Modular
- Robust
- Reliable
- High speed and/or high load
- All metal design



Dimensional drawing



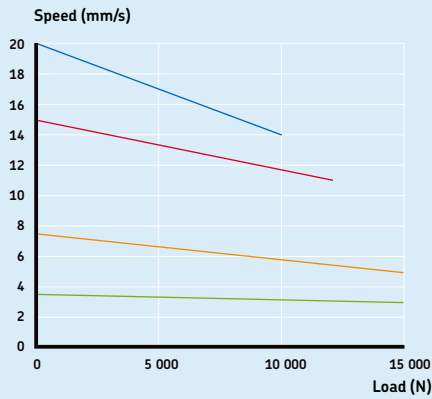
Connecting diagrams



Technical data

	Unit	STG 10007	STG 12010	STG 15020	STG 15040
Push load	N	10 000	12 000	15 000	15 000
Pull load	N	10 000	12 000	15 000	15 000
Speed (at full load)	mm/s	14	11	5	3
Stroke	mm	100 to 700	100 to 700	100 to 700	100 to 700
Retracted length	mm	S+273	S+273	S+273	S+273
Voltage	V DC	24	24	24	24
Power consumption	W	840	840	768	528
Current consumption	A	35	35	32	22
Duty cycle	%	10 (1/9)	10 (1/9)	10 (1/9)	10 (1/9)
Ambient temperature	°C	-10 to +40	-10 to +40	-10 to +40	-10 to +40
Type of protection	IP	54	54	54	54
Weight (at 200 mm stroke)	kg	14,6	14,6	14,6	14,6
Color	-	Silver	Silver	Silver	Silver

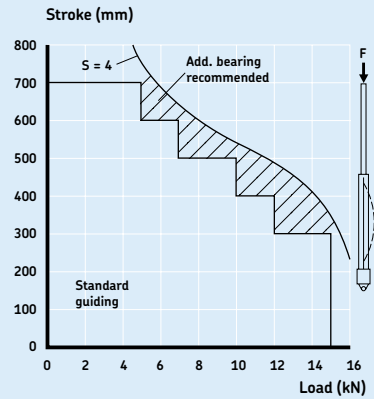
Performance diagram



Speed-load diagram

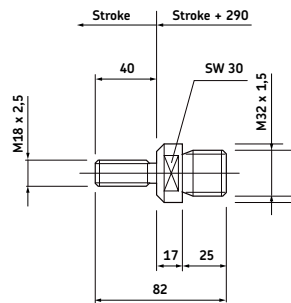
- STG 8007-300
- STG 12010-300
- STG 15020-300
- STG 15040-300

Safety load factor conditions

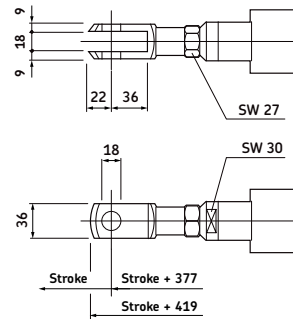


Bending of spindle
 $S =$ safety factor Euler 3

Options

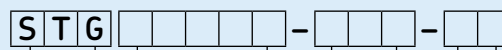


Adapter



Front attachment

Ordering key



Type

Load :

10 000 N
 12 000 N
 15 000 N / 5 mm/s
 15 000 N / 3 mm/s

10007
 12010
 15020
 15040

Stroke (S):

100 mm
 200 mm
 300 mm
 400 mm
 500 mm
 600 mm
 700 mm

100
 200
 300
 400
 500
 600
 700

Customer option:

Standard

Others (brake, limit switch, extended motor shaft, encoder, potentiometer, ...)

01
 XX

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

