

Inquiries

Checklists | Sheet 1 – Parameter

1. max. lifting force in kN

per gearbox	_____ kN	entire system	_____ kN	Installation axis		
				vertical	horizontal	pivoting
in tension	_____ kN	in compression	_____ kN	Type of load		
Load: static	_____ kN	dynamic	_____ kN	smooth	impact loads	vibration

2. max. lift/travel _____ mm effective working stroke _____ mm

For short stroke applications

(eff. working stroke < gearbox height): regular lubrication stroke: practical not practical

3. Lifting speed

Typ N = 25 mm/s (1,5 m/min) Typ L = 6,25 mm/s (0,375 m/min) _____ mm/s

4. Duty factor, work cycle, description of cycle

_____ strokes per hour _____ strokes per day Hours per day: 8 16 24

i For high duty factors or long strokes, please provide an exanct detailed description on the following page

5. Type S „Translating screw“ R „Rotating screw“

6. Version ZE-Screw jack GSZ-Screw jack

7. Motor Three-phase AC motor with brake Manual release _____

8. Operating conditions Dry Humid Dust Chipping _____

Guided movement No guides (no dyn. lateral forces)

Ambient temperature: min. _____ °C max. _____ °C (when < 10 °C and > 40 °C)

i If possible please provide an exact description or sketch on the following page

9. Standard layouts no.: _____ Size: MA1 _____ MA2 _____ MA3 _____ MA4 _____ MA5 _____

see standard layouts, checklists sheets 3 and 4 (for multi-jack systems)

10. Quantity Required _____ Series _____

11. Schedule Quotation _____ Delivery _____

Inquiries

Checklists | Sheet 2 – Parameter (optional)

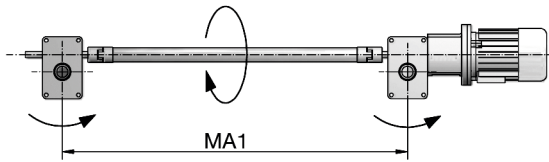
8a. Purpose / description of the function / ambient conditions (description or sketch)

This image shows a full page of blank graph paper. The background is a very light gray, and it is covered by a precise grid of thin, medium-gray lines. The grid consists of small, identical squares that extend across the entire visible area of the page, leaving no margins or other markings.

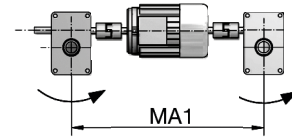
Inquiries

Checklists | Sheet 3 – System layouts

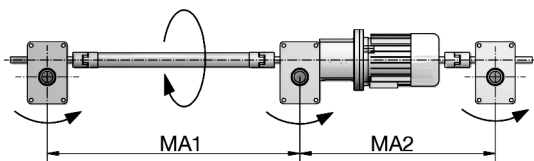
A



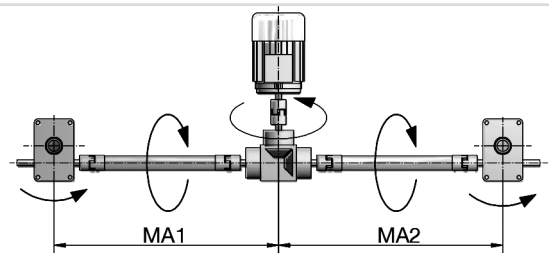
A+



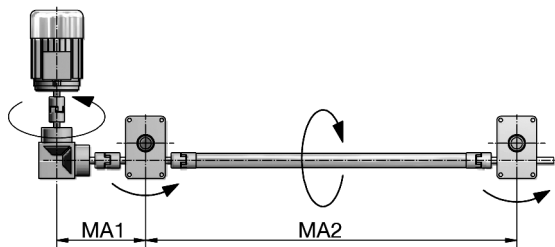
B



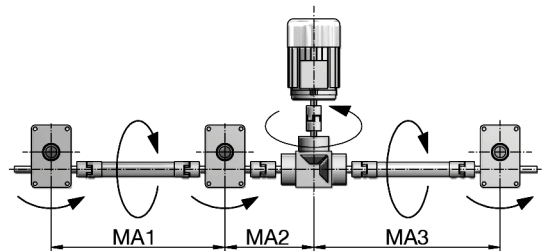
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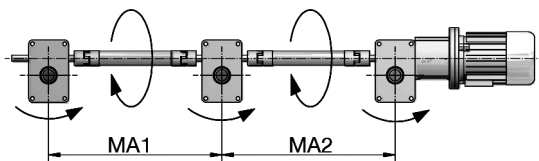
D



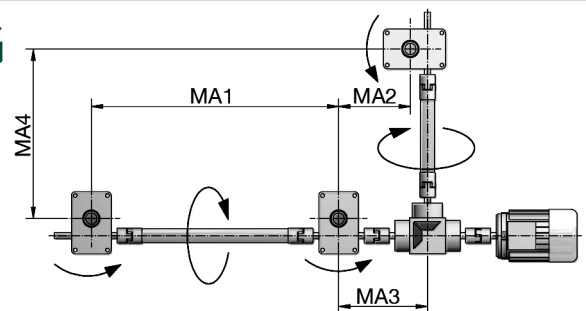
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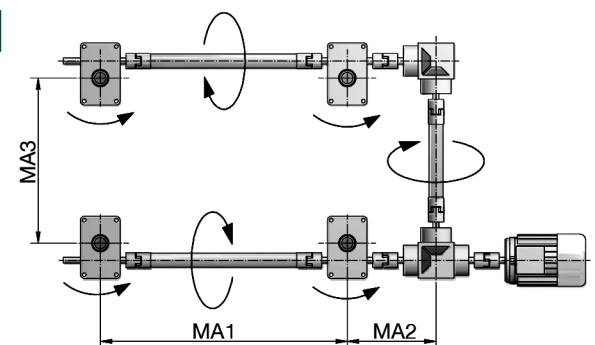
F



G



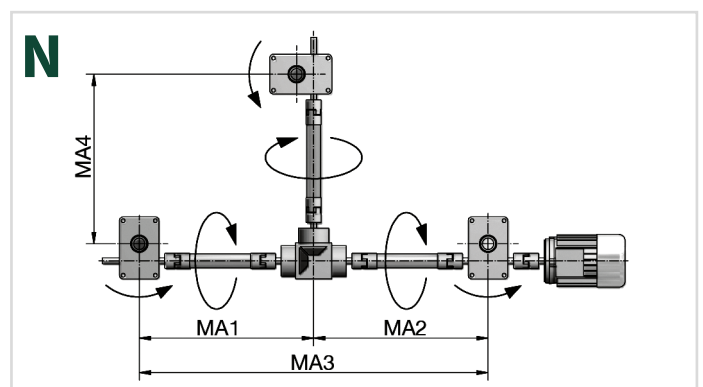
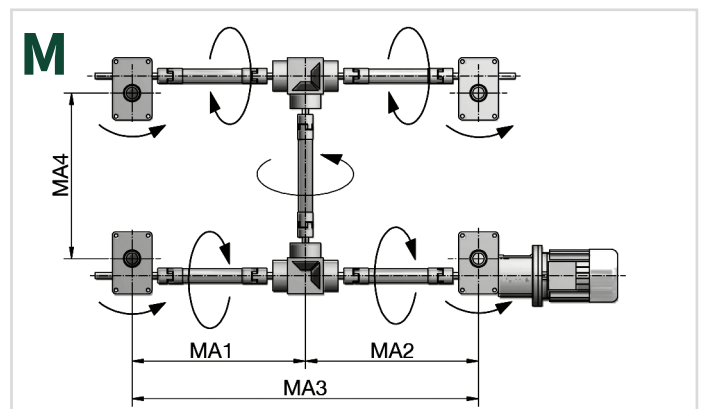
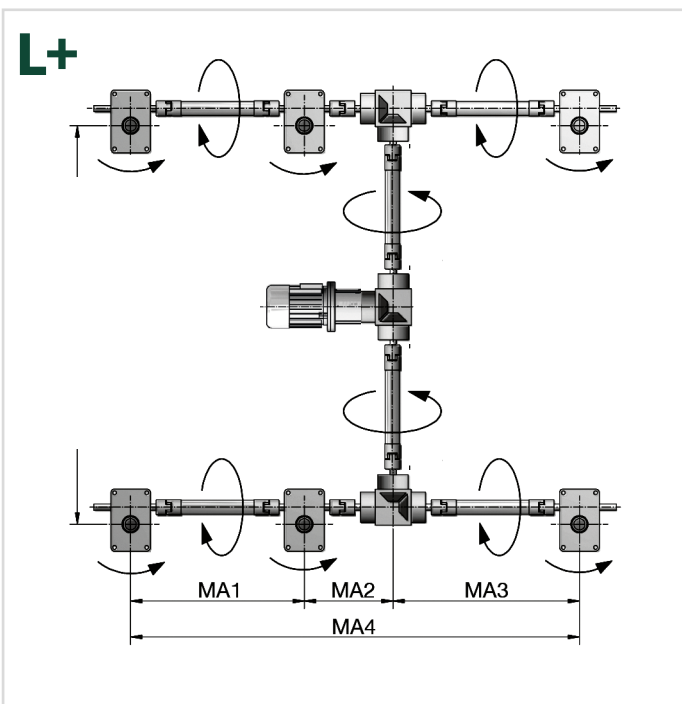
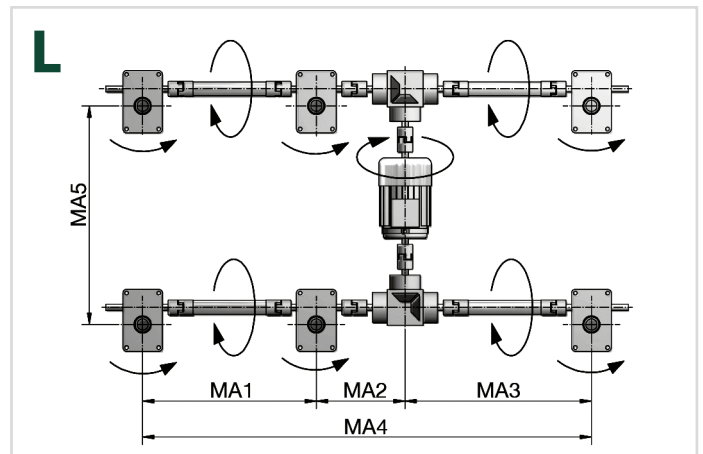
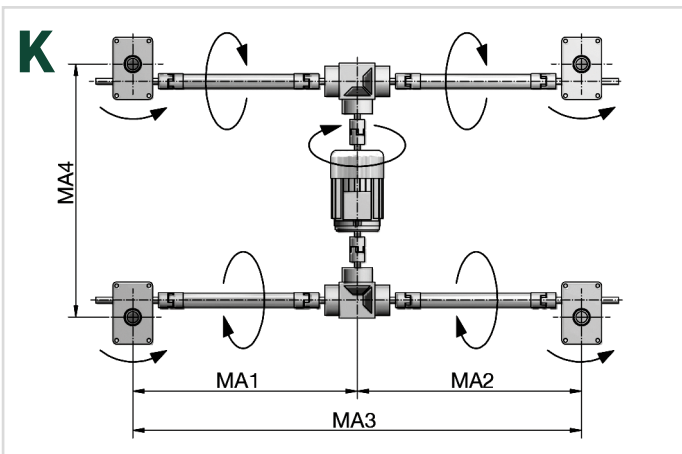
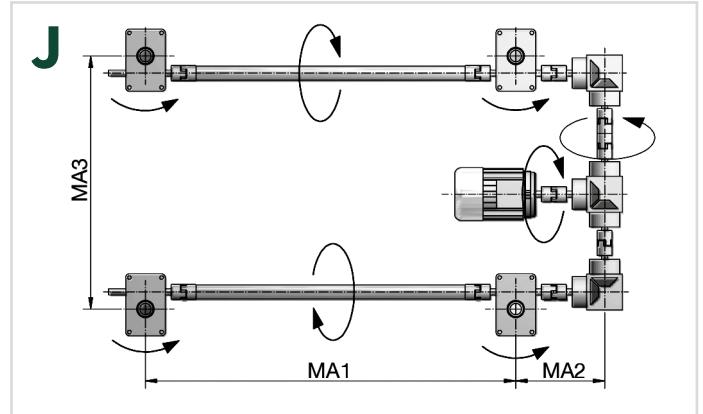
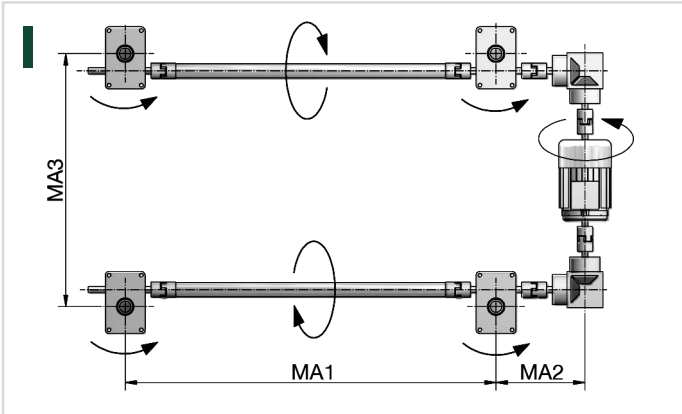
H



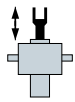
The most common layouts are shown.
If your design is different, be sure to check
the direction of rotation.

Inquiries

Checklists | Sheet 4 – System layouts



The most common layouts are shown.
If your design is different, be sure to check
the direction of rotation.



Inquiries

Checklists | Blatt 5 – List of components S

Type:

SN (translating screw, normal)
SL (translating screw, low speed)

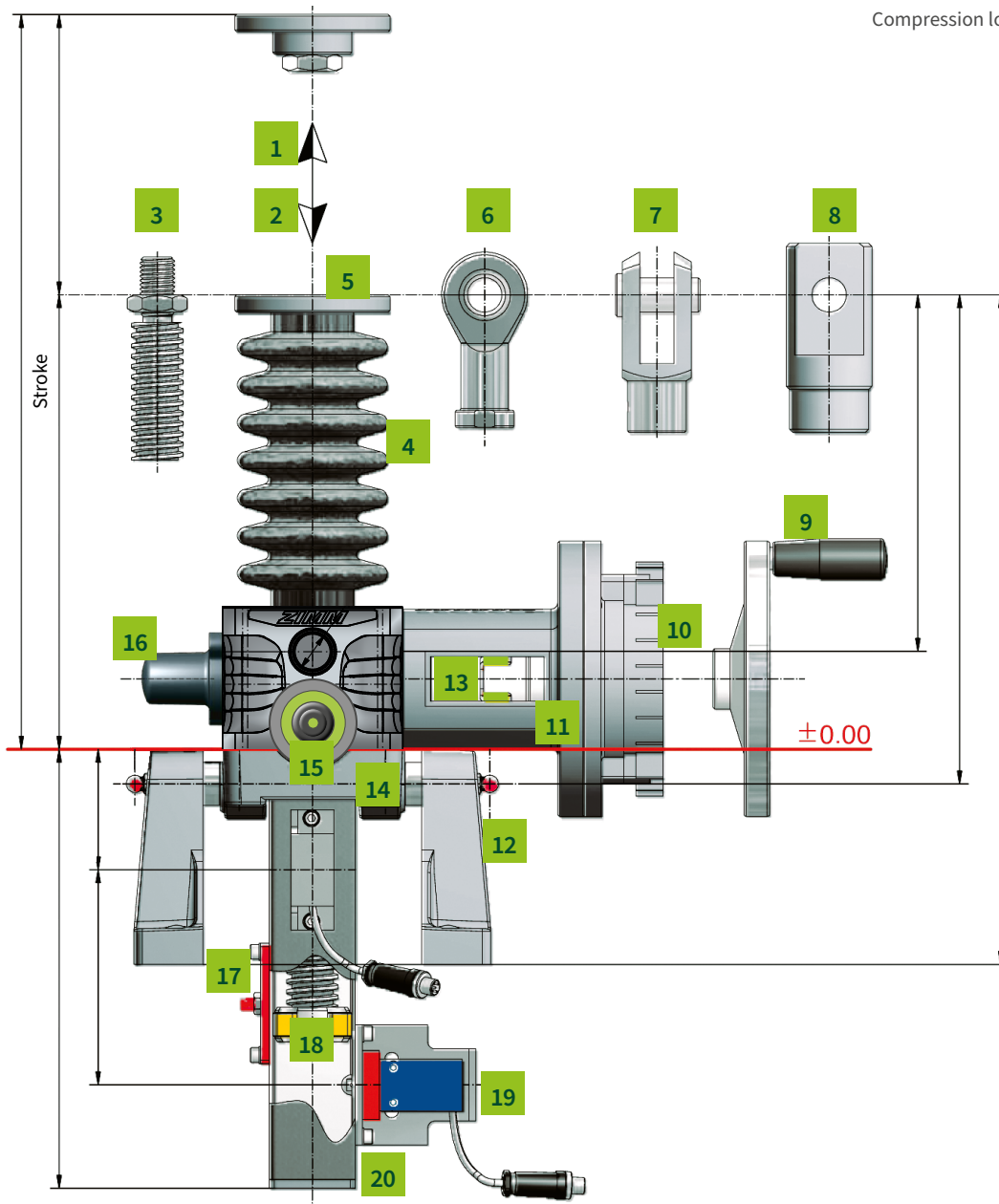
Variant:

Tr Screw
SIFA Safety nut
with SIFA monitoring
KGT Ball screw

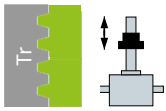
Stroke:

_____ mm

1. Tension load (kN): static _____
Tension load (kN): dynamic _____
2. Compression load (kN): static _____
Compression load (kN): dynamic _____



3. Standard screw end
4. Bellows FB
Spiral spring SF
5. Fixing flange BF
6. Rod end KGK
7. Forked end GK
8. Pivot bearing end SLK
9. Handwheel HR
Motor with brake
Motor without brake
10. Motor flange MF
11. Pivot mount LB
12. Coupling KUZ
13. Pivot bearing plate KAR
14. Lubricator Z-LUB
15. Protective cap SK
16. Lubrication strip SL
17. Rotation protection VS
Escape protection AS
18. 2x limit switch ES
19. Protective tube SRO
Pivoting support tube STRO



Inquiries

Checklists | heet 6 - List of components R

Type:

RN (rotating screw, normal)

RL (rotating screw, low speed)

Variant:

Tr Screw

SIFA Safety nut

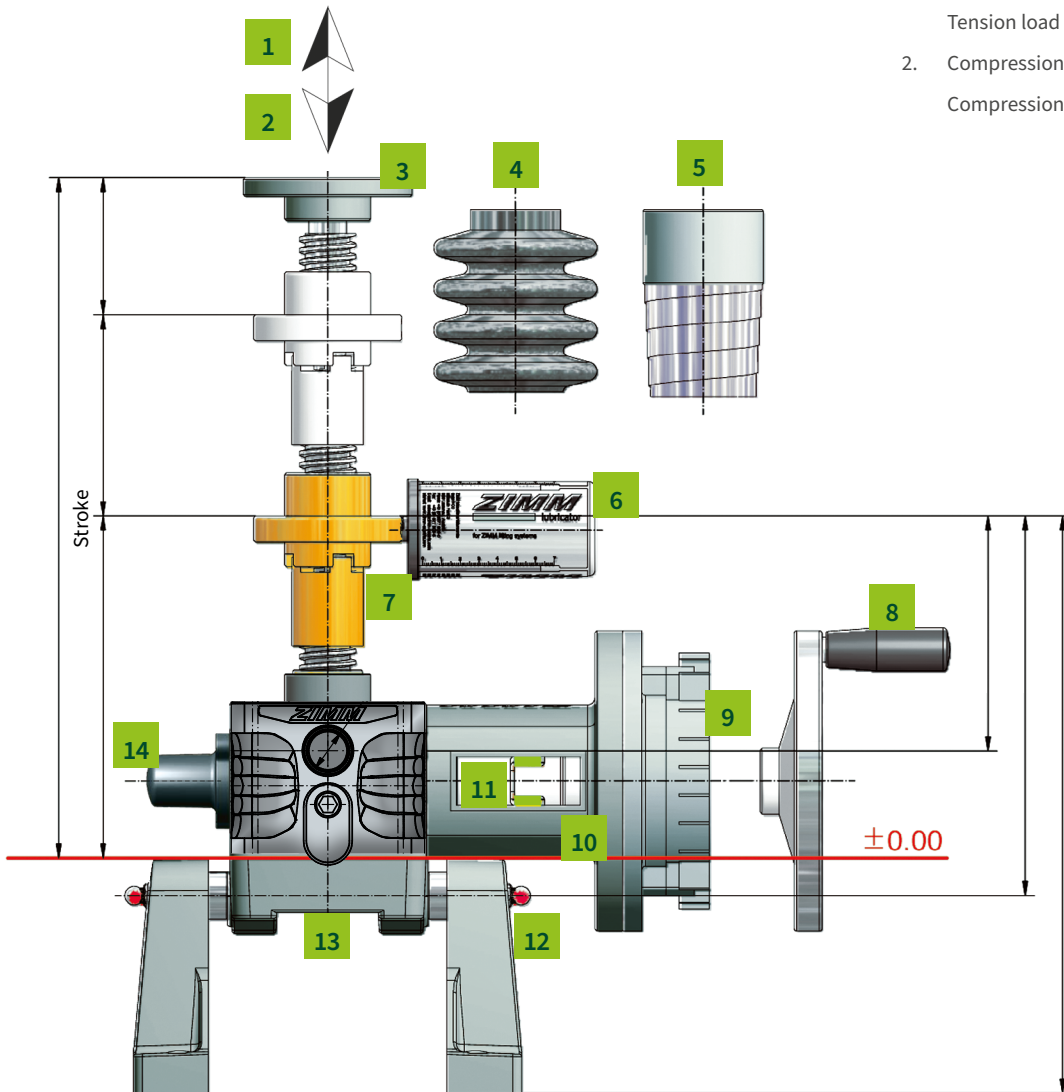
with SIFA monitoring

KGT Ball screw

Stroke:

_____ mm

1. Tension load (kN): static _____
Tension load (kN): dynamic _____
2. Compression load (kN): static _____
Compression load (kN): dynamic _____



3. Opposed bearing plate GLP
4. Bellows FB
5. Spiral spring cover SF
6. Lubricator Z-LUB
7. Duplex nut DM
Tr Flange nut FM
Cardan adapter DMA
KGT Flange nut KGT-F
Self-aligning nut PM
Greaseless nut FFDM
Driving flange TRMFL
Safety nut SIFA
Wear monitoring-
SIFA Control
8. Handwheel HR
9. Motor with brake
Motor without brake
10. Motor flange MF
11. Coupling KUZ
12. Pivot mounts LB
13. Pivot bearing plat KAR
14. Protective cap SK