

Company:

Address:

Phone: Fax: Department:

Name: E-mail:

Maximum load is in any case dependent on stroke-height, additional guide measures and required lifting speed. In order to let us offer you the best-possible lifting system for your needs, please provide us with the following details:

In what type of system or machine are the screw jacks being used?

We recommend that you send us a diagram showing how the screw jacks are arranged, indicating their functions and main dimensions, and – if fitted – the position of any additional guide elements.

Numbers of lifting systems:

Numbers of screw jacks per lifting system:

Schematic view no.:

Axial strain on the screws:

Per system: dynamic: kN

 static: kN

Per screw: dynamic: kN

 static: kN

Type of load:

Tension

Compression

Tension and Compression

Vibrations:

no yes

Shocks or strokes:

no yes

Do not forget to note **ALL** extraordinary operating conditions - they may prove to be highly important. e. g. the presence of sawdust, cement dust, air humidity (in %), stopping accuracy, absence of or insufficient lubrication, ATEX etc.

Are any local-authority or professional-association rules to be observed with respect to accident prevention measures ((EN 1570, EN 280, EN 1756, EN 1493 (VGB 14) und BGV C1 (VGB 70)) e. g. for the operation of lifting platforms?

If yes, which ones?

Safety nut

short long

Lateral strain on the screws:

Is lateral strain present?

yes no

If yes, how much strain, and what points does it affect? Please include these details in a drawing.

Desired usable stroke:

mm

Are lateral guides fitted? yes no
Desired lifting speed: mm/min
Ambient temperature: °C

How should unit be driven? Manual Motor drive

How are the screws to be installed? vertically horizontally

How often is the system used?

Load cycles per hour: Days per week:
Hours per day: Distance per each load cycle: mm

Which parts would you like us to supply for the system?

Config. type 1 yes no

Range:

Design:

Head type:

Screw jacks with lifting screw

SHE HSE Merkur M SHG G

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I II III IV GK (M range only)

(For tensile load we recommend II or III)

Protection boot:

yes no

Options:

Config. type 2 yes no

Range:

Design:

Head type:

Screw jacks with rotating screw and travelling nut

SHE HSE Merkur M SHG G

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yes no

Protection boot:

yes no

Options:

Bevel gear box

Range:

Ratio:

yes no

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1:1 1,5:1 2:1 3:1 4:1 5:1

Motor

Voltage:

Frequency:

Protection rating:

yes no

..... V

..... Hz

.....

Connecting shafts

yes no (Indicate clearance distances of screw jacks or shaft length)

Couplings

yes no

Pillow blocks

yes no

Connecting flange

yes no

Accessories

If screw jacks with ball screws or multi-start screws are to be supplied, please indicate accordingly.
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