

Questionnaire



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Questionnaire

For the operation of Pfaff-silberblau worm gear screw jacks

1kN = 1000N 10N~1kp

Company: _____

Address: _____ Phone: _____

Service: _____ E-mail: _____ Fax: _____

Name: _____

Maximum load is in any case dependent on stroke length, 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.

Number of lifting systems: _____

Number of screw jacks per lifting system: _____

Schematic view no. (chapt. 2.11): _____

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

Vibration: no yes _____

Shocks or strokes: no yes _____

Do not forget to note ALL out-of-the ordinary 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.

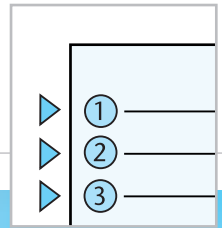
Are any local-authority or professional-association rules to be observed with respect to accident prevention measures (e. g. for the operation of lifting platforms)?

If yes, which ones? _____ safety nut short/long (chapt. 3.1)/VBG 14/BGV C1 (VBG70) (chapt. 2.1) yes no

Lateral strain on the screws (chapt. 2.9.1):

Is lateral strain present? yes no

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



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Are lateral guides fitted? yes _____ no

Desired lifting speed: _____ mm/min.

Ambient temperature: _____ °C

Is the unit to be manually operated or actuated by electric motor? Manual operation

Motor drive

How are the screws to be installed ?

vertically

(see chapter 3.10 – mounting positions)

horizontally

How often is the system used?

Load cycles per hour: _____ Days per week: _____

Hours per day: _____ Distance covered by each load cycle: _____ mm

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

Screw jacks with lifting screw (configuration type 1) see chapter 3.3: yes no

Range: SHE HSE MERKUR M SHG G

Design: _____

Head type: I II III IV GK (M range only)

(For tensile load we recommend II or III)

One protection boot for each screw jack in configuration type 1: yes no

Options: _____

Screw jacks with rotating screw and travelling nut (configuration type 2) see chapter 3.3: yes no

Range: SHE HSE MERKUR M SHG G

Design: _____

Head type: yes no

Two protection boots for each screw jack in configuration type 2: yes no

Options: _____

Bevel gear boxes see chapter 4: yes no

Design: _____

Ratio: 1:1 1,5:1 2:1 3:1 4:1 5:1 6:1

Motor yes no

Voltage: _____ V

Frequency: _____ Hz

Protection rating: _____

Connecting shafts – (indicate clearance distances of screw jacks or shaft length) see chapter 6: yes no

Couplings see chapter 6: yes no

Pillow block see chapter 7: yes no

Connecting flange see chapter 7: yes no

Accessories see chapter 7: _____

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

Date _____

Signature/Stamp _____