Questionnaire Page 1

Questionnaire

For the operation of LIFTINGMOTION 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-height, additional guide measures and required lifting speed. In order to let us offer you the best-possible jacking system for your needs, please provide us with the following details:

In what type of system or machine are the lifting elements being used?

_____

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

Number of units: _____

Number of lifting elements per unit: _____

Schematic view no.: _____

Axial strain on the spindles:

Per unit: dynamic _____ kN Type of load ☐ traction

static _____ kN ☐ compression

Per spindle: dynamic _____ kN ☐ tension and compression

static _____ kN

vibration: ☐ no ☐ yes _____

Impact or collision damage: ☐ 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, 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? _____

VBG 14 / VBG70 (GUV 16.15.3)/Short safety nut/VBG 14/VBG70 (GUV 16.15.3) ☐ yes ☐ no

Lateral strain on the spindles:

Is lateral strain present? ☐ yes ☐ no

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

Questionnaire Page 2

Are lateral guides fitted? ☐ yes _____ ☐ no

Desired lifting speed: _____ mm/min.

Ambient temperature: _____ ℃

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

How are the spindles installed ? ☐ vertically ☐ horizontally

(see section 3.9 Installation locations)

How often is the unit used?

Stress reversals per hour: _____ Days per week: _____

Hours per day: _____

Distance covered by each stress reversal: _____ mm

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

Screw jacks with axially mobile spindle (configuration type 1): ☐ yes ☐ no

Range: ☐ LMS ☐ DLMS ☐ LMS+RV ☐ LMS+PC

Design: _____

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

(For tension load we recommend II or III)

For each bellows assembly in configuration type 1: ☐ yes ☐ no

Options: _____

Screw jacks with rotating spindle and travelling nut (configuration type 2) ☐ yes ☐ no

Range: ☐ LMS ☐ DLMS ☐ LMS+RV ☐ LMS+PC

Design: _____

Head type: ☐ yes ☐ no

For every two flexible protection boots in configuration type 2: ☐ yes ☐ no

Mitre gear boxes ☐ yes ☐ no

Design: _____

Ration: ☐ 1:1 ☐ 1,5:1 ☐ 2:1 ☐ 3:1 ☐ 4:1 ☐ 5:1

Motor ☐ yes ☐ no

Voltage: _____ V

Frequency: _____ Hz

Protection rating: _____

Connecting flange ☐ yes ☐ no

If lifting elements with ball-screw spindles, multi-thread spindles or quick-lifting screw jacks are to be supplied, please indicate accordingly.

Date _____

Signature/Stamp _____