

Company:

Address:

Phone: Fax: Department:

Name: E-mail:

ELECTROMECHANICAL SCREW RAMS ALS/ALS-R **REQUIRED UNITS**

Technical specifications:

Force: Compression Load: F_{dyn} kN
 Tension F_{stat} kN

Lifting speed: m/min

Motor speed: rpm

Motor power: kW

Motor torque: Nm

Load cycles per hour: Distance covered by each load cycle: mm

Intermittent duty: % per 1 h

Ambient temperature: Standard +0 °C up to +40 °C Operation indoors
 Special °C up to °C Operation outdoors

Shocks or strokes: no yes Vibrations: no yes

Extraordinary operating conditions e.g. Ex-protection (ATEX), stopping accuracy, etc.

Design ALS

Model size 10 25 50 100

Acme screw Tr x

Ball screw Ku x

Stroke mm

Head type without Head Head type I

Flexible protection boot

Travelling nut

Design ALS-R

- Model size 10 25 50 100
- Acme screw Tr x
- Ball screw Ku .x
- Stroke mm
- Head type Head type 0 (with inside thread)
 Head type II (flange plate)
 Head type IV (rod-type head)
 Head type GK (swivel head)

Accessories only ALS-R

- Anti-turn device
 Inductive lift limit stop
 1 Set inductive limit switch plus plugs

Options ALS and ALS-R

- IEC flange plate Ø mm or
- IEC mounting flange Ø mm
- Driving shaft – special design
- Shaft-Ø mm
- Shaft length mm
- 1 Set swivelling pins
- 1 Set pillow blocks (Attention! without swivelling pins)
- Coupling
- Motor incl. mounting
- Motor type Motor voltage V
- Frequency Hz
- Protection class

Notice:

Radial forces for the ALS/ALSR are not allowed and have to be compensated throughout an useful mounting construction. The allowed load and intermittent duty shouldn't be exceeded. Even the first overheating of the ALS/ALSR will cause mechanical wear. This means losing the product warranty.

For ALS/ALSR with ball screws: Due to roll friction of the ball screw, the ALS/ALSR is not self-locking and has to be equipped with a brake motor.

Comments: