

Questionnaire

For the use of

Electromechanical Screw Rams ALS and ALS-R

Company:

Name:

Department:

Address:

Phone:

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
Effective stroke				mm (up to 1500 mm) / Stroke >1500 mm on request
Load cycles per hour:			Distance covered by each load cycle:	mm
Intermittent duty:				% per 1 h
How are the linear actuators to be installed?	vertically	horizontally	swiveling	
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
Are lateral guides planned?	yes	no		

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		
Head type	without Head	Head type I		
Flexible protection boot				
Travelling nut				

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Design ALS-R

Model size	10	25	50	100
Acme screw	Tr		x	
Ball screw	Ku		x	
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 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:

Date

Signature and stamp