

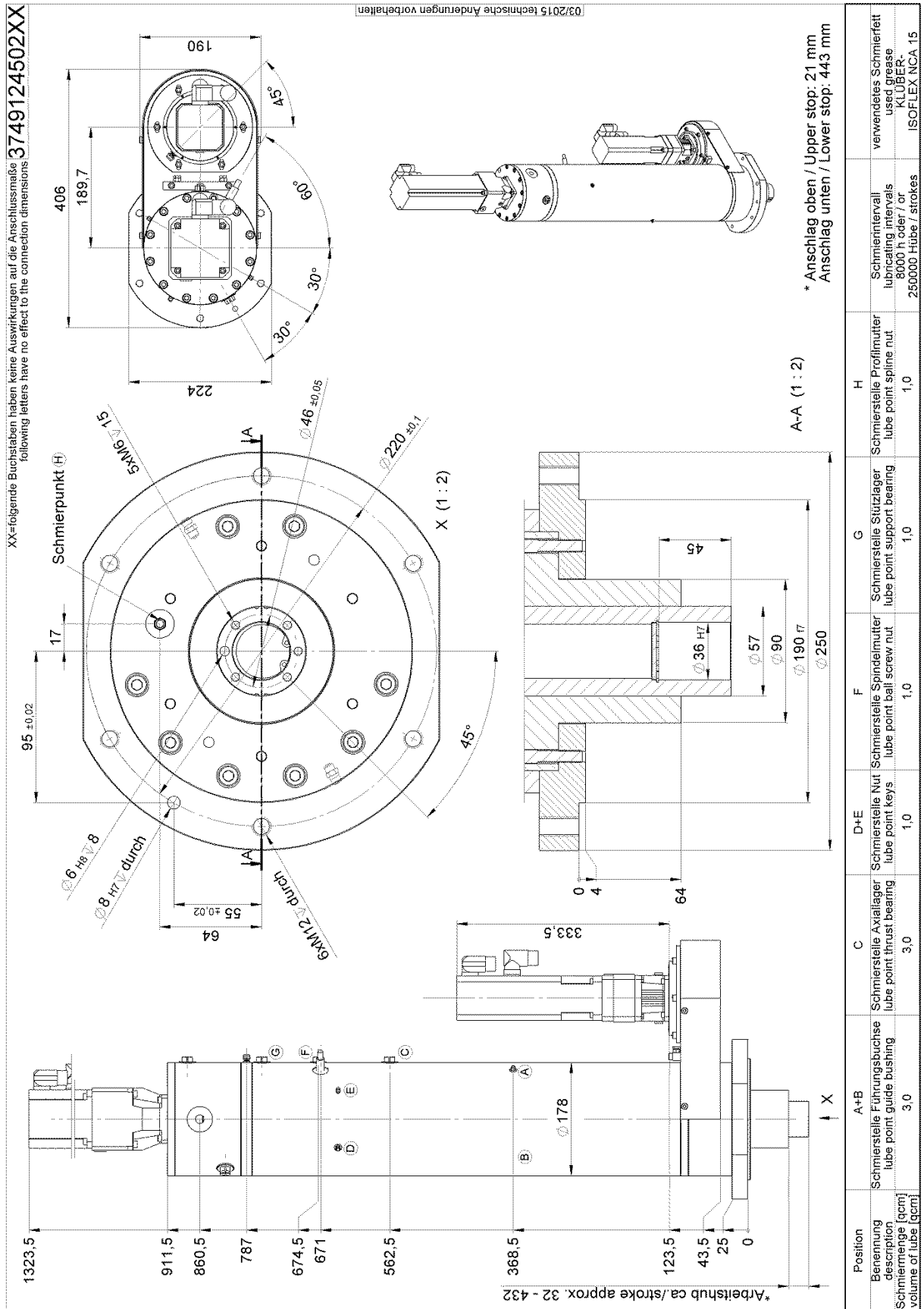
Data sheet
ROTATIONAL ELECTRO-MECHANICAL
ASSEMBLY PRESS
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The REMAP was developed for the most demanding applications where both linear and rotational motion is required. The device is highly versatile due to the complete independent control of linear and rotational motion using independent servo axis. The REMAP includes integrated sensing of force and torque as well as position and angle sensing.

Basic function	Press unit	Torque unit
Nominal load / torque	12	50 Nm
Stroke	400 mm	
Nominal speed	200 mm/s	250 U/min
Force- / Torque measurement	Integrated strain gauge sensors	
Transducer sensitivity	0.4 mV / V	0.4 mV / V
Transducer accuracy (dismantled)	0.5%	0.5%
System accuracy	< 1.5%	3%
Sig. Conditioner PDM-S / (B*H*T)	Alu. enclosure (125*80*57mm)	Alu. enclosure (125*80*57mm)
Output signal	digital	digital
Protection class	IP 40	IP 40
Distance measuring		
Measuring system	Resolver	Multiturn
Repeatability of positioning	< 0,01 mm *	0.1 Grad
Drive		
Type / (W*H*D)	SP1404 / (100*386*219mm)	SP1402 / (100*386*219mm)
Nominal unit capacity	2.2 kW	1.1 kW
Mains voltage	3 * 380 V - 480 VAC, +/-10 %, 3 P 48-65 Hz	3 * 380 V - 480 VAV, +/-10 %, 3 P 48-65 Hz
Cable cross sectional – area Input / Output	1.5 / 1 mm ²	1 / 1 mm ²
Protection class	IP 20	IP 20
Weight	125 kG	
Recommended protection	IEC / 12 A	IEC gG / 6 A
Temperature range	- 10 ... + 50 OC	- 10 ... + 50 OC
Thermal power loss	97 W	57 W
Interface PC	Ethernet	
PLC interface (24 VDC)	Standard: 3 E / 4 A	
Additional inputs	2 x Analog / 1x Enc. (TTL), extension options: PDM-A: 4x Analog, PDM I/O: 16 E/A	
PLC fieldbus interface	Optional Profibus, Profinet, EtherNet/IP, Modbus /TCP	

* at thermal steady-state

For more efficiency.



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