



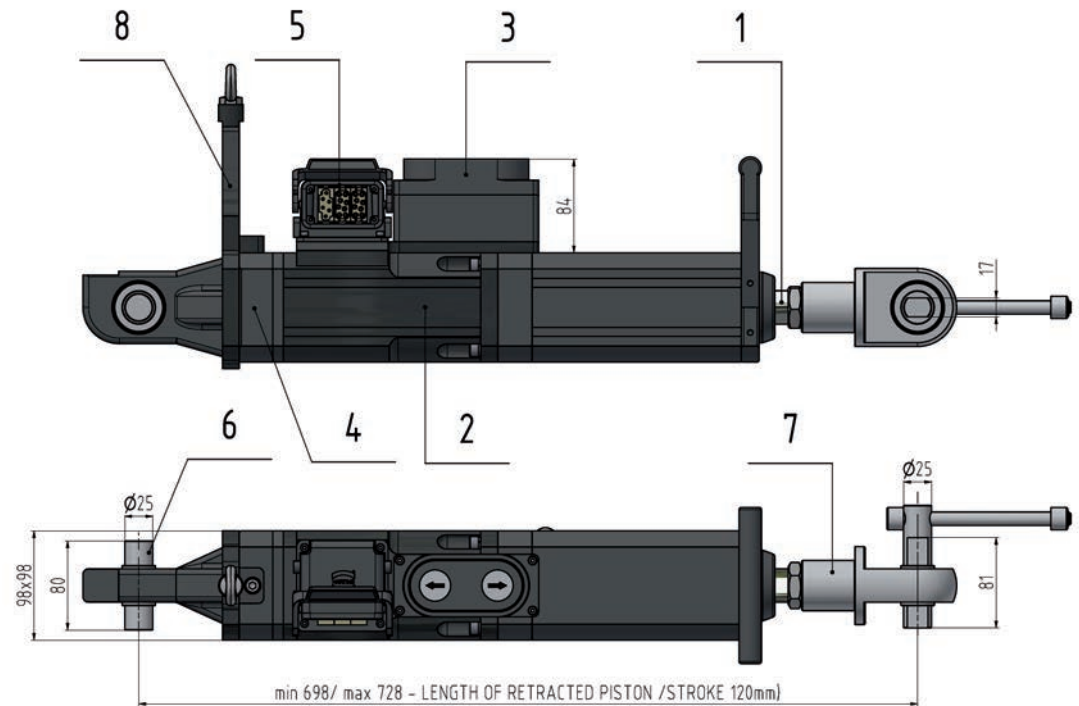
VUHZ

ADVANCED METAL
TECHNOLOGIES

STOPPER ROD DRIVE

FEATURES AND BENEFITS

- › brushless motor
- › positioning precision $\pm 0,01$ mm
- › not self - locking (without clutch)
- › low weight
- › possible use identification board and control box
- › possible to assembly by absolute or relative feedback
- › connection to stopper mechanism on customer's request
- › thermo resistor
- › low cost of maintenance
- › special aluminium body for better heat removal
- › possible use off Kollmorgen (S700, AKD) or Siemens inverters
- › low force needed for movement in hand mode



1 - piston rod with ball screw and nut

2 - motor

3 - control box (option)

4 - feedback

5 - connector Harting including identification board

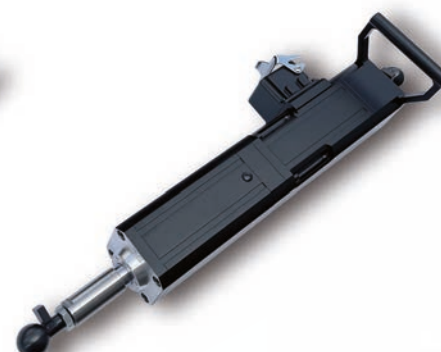
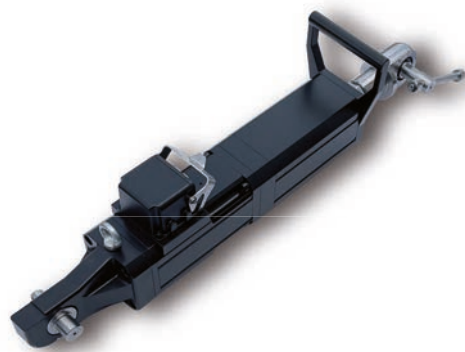
6 - upper fixing bolt

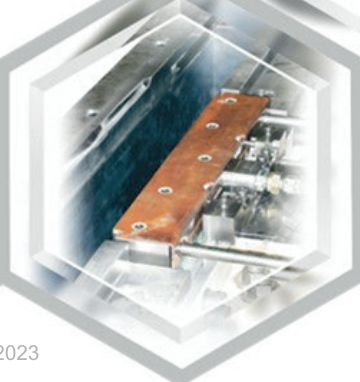
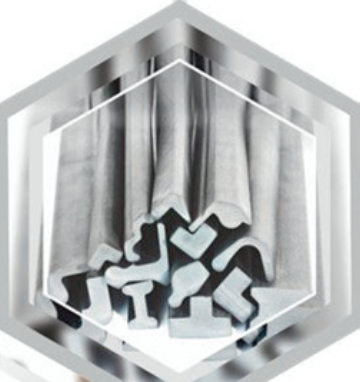
7 - bottom fixing

8 - actuator clamp (option)

STOPPER ROD DRIVE TYPE

PARAMETERS	VUN4-0750/10	VUN4-0750/5	VUN4-0960/5	VUN4-1130/5
Rated Speed	3000 min ⁻¹	3000 min ⁻¹	3000 min ⁻¹	3000 min ⁻¹
Nominal AC Voltage	380 V	380 V	380 V	380 V
Rated Torque	6,1 N _m	6,1 N _m	7,7 N _m	8,8 N _m
Rated AC Current	5,14 A	5,14 A	6,0 A	7,4 A
Motor max Torque	22,5 N _m	22,5 N _m	29,0 N _m	34,0 N _m
Motor max Current	22,35 A	22,35 A	27,0 A	28,0 A
Motor max Temperature	145 °C	145 °C	145 °C	145 °C
Continuous Force Rating	3 756 N	7 512 N	9 483 N	10 837 N
Peak Force	10 000 N	10 000 N	13 400 N	32 740 N
Nominal Speed	500 mm/s	250 mm/s	250 mm/s	250 mm/s
Stroke	120 mm	120 mm	120 mm	120 mm
Protection	IP 64	IP 64	IP 64	IP 64
Surrounding Temp. Range	-20 ÷ +90 °C	-20 ÷ +90 °C	-20 ÷ +90 °C	-20 ÷ +90 °C
Power	1,91 kW	1,91 kW	2,43 kW	2,76 kW
Weight	16 kg	16 kg	16,5 kg	17,0 kg
Pitch of Ball Screw	10 mm/rev	5 mm/rev	5 mm/rev	5 mm/rev
Ball Screw Diameter	20 mm	20 mm	20 mm	20 mm





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TECHNOLOGIES

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