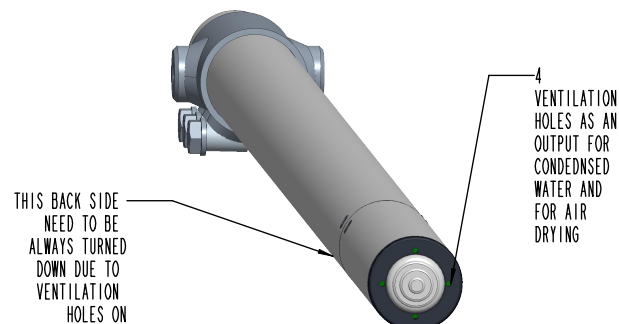
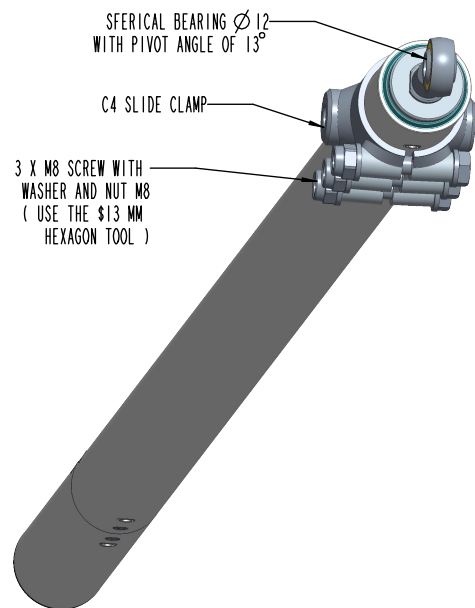
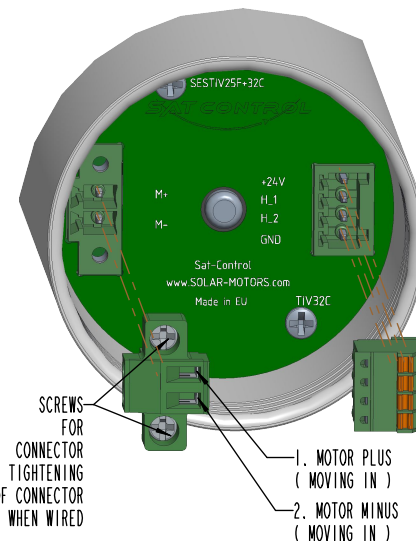




REMOVABLE PLASTIC AND RUBBER CAP YOU CAN EASILY ADAPT THE HOLE FOR CABLE INPUT FOR MOTOR POWER, POWER SUPPLY FOR ENCODER, ENCODER OUTPUT,

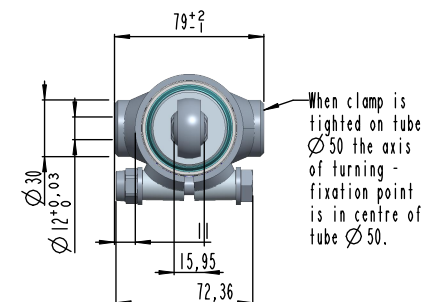
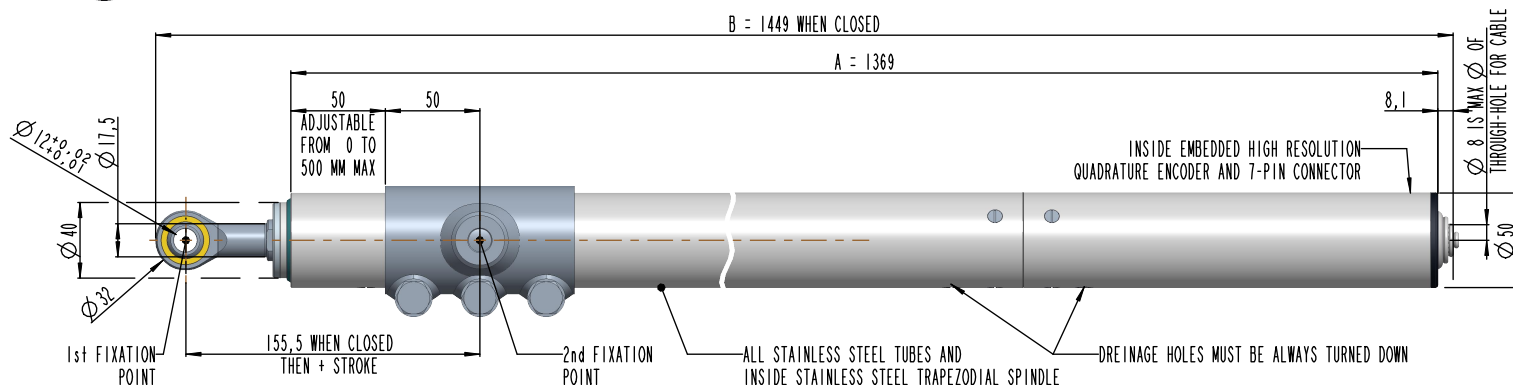


ELECTRICAL VALUES:

- MOTOR 24VDC,
- RATED CURRENT 1.5A
- MAX CURRENT: 4A
- STARTING / AT STALL CURRENT: 3-4 x MAX CURRENT
- DUTY CYCLE: 20%, MAX 8 MINUTES OF OPERATING
- HALL VCC POWER SUPPLY 6-24VDC
- HALL OUTPUT SINK MAX 24VDC/50mA

CABLE CONNECTION PINOUT DIAGRAM

1. HALL VCC 6-24VDC
2. SIGNAL OUT HALL PHASE 1 (A)
3. SIGNAL OUT HALL PHASE 2 (B)
4. HALL GND



ORDERING CODES- EXPLANATION

SM4 - S900 - M3 - NC - P

POSITIONER EMBEDDED: P=YES, PICO

CLAMP TYPE: C3-C4-U8 OR NO CLAMP - NC

MOTOR TYPE: M2

STROKE LENGTH: 520 MM

MODEL OF LINEAR MOTOR: SM4

Hall sensor encoding					
Coding for (OUT) clockwise rotation			Coding for (IN) counter-clockwise rotation		
Phase	A	B	Phase	A	B
1	0	0	1	1	0
2	0	1	2	1	1
3	1	1	3	0	1
4	1	0	4	0	0

OTHER PARAMETERS

Max. Static load	Max. Dynamic load	Rated load	Speed at no load	Gear Ratio	Backlash	Duty cycle
1500 kgf	800 kgf	200 kgf	2 mm/s	189.023328 imp/mm	0.15 mm	20%, max 8 minutes



Operating temperature -25°C to +85°C (optionally with arctic grease for temperatures from -40°C up to +85°C)

MODEL	EAN	STROKE	A	B	CLAMP TYPE
SM4S900M3NC	0094	900 mm	1369	1449	NO CLAMP
SM4S900M3C4	0095	900 mm	1369	1449	C4
SM4S600M3C4		600 mm	1069	1149	C4
SM4S450M3C4		450 mm	919	999	C4
SM4S300M3C4		300 mm	769	849	C4
SM4S200M3C4		200 mm	669	749	C4

0133	1	Assembly	D50x1467	N7	ISO 2768 M	Operating temperature -35°C to +85°C		
Position:	Quantity:	Material:	Size:	Open roughness:	Open tolerances:	Treatment & Remarks:		
Bolka B.	Bolka J.	Bolka B.	0095		SM4S900M3C4	0133-A	0,250	9811,421 g
Drawn by:	Checked by:	Approved by:	EAN code / standard:	Code #2:	No. of drawing:	Scale:	Mass:	
			Description: Solar linear actuator - motor SM4S900M3C4 w C4 clamp					
Sat Control d.o.o. Pozenik 10, SI-4207 CERKLJE - SLOVENIA - EU			File: SM4_S900_M3_C4 / SM4_S900_M3_C4			Latest version:	Date:	Page:
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