



TYP 120 SE

Actuator Article number	Unit	120 SE, Spindle 10x3 12ECYYYYZZZZGGGXX	120 SE, Spindle 10x6*** 12ENYYYYZZZZGGGXX	120 SE, Spindle 12x12*** 12EYYYYZZZZGGGXX	120 SE, Spindle 12x16*** 12EJYYYYZZZZGGGXX
Push force 12 - 24V	N	1000	500	400	300
Pull force 12 - 24V	N	1000	500	400	300
Push force 24 - 36V	N	1200	600	500	400
Pull force 24 - 36V	N	1200	600	500	400
Speed 12 - 24V	mm/s	10	20	40	45
Speed 24 - 36V	mm/s	12	25	45	50
Power rating	W	10....40	10....40	10....40	10....40
Max. stroke**	mm	213	301	449	518
Overall length 1	mm	Stroke + 100	Stroke + 100	Stroke + 100	Stroke + 100
Overall length 2	mm	Stroke + 52	Stroke + 52	Stroke + 52	Stroke + 52
Voltage	V/DC	12....24 or 24....36	12....24 or 24....36	12....24 or 24....36	12....24 or 24....36
Max. power input	W	50....80	50....80	50....80	50....80
Max. power consumption	A	1,5....4,0	1,5....4,0	1,5....4,0	1,5....4,0
Cable length	mm	1500	1500	1500	1500
Cycle duty (S3)	min	1 / 9 (10 %)	1 / 9 (10 %)	1 / 9 (10 %)	1 / 9 (10 %)
Environment temperature	°C	0....40	0....40	0....40	0....40
Protection rate*	IP	up to 41	up to 41	up to 41	up to 41
Isolation class		E	E	E	E
Weight (100mm stroke)	kg	0,4	0,4	0,4	0,4
Gear reduction		1:27	1:27	1:27	1:27
Pulse travel length (1-Hall)	mm/pulse	0,1105	0,2211	0,442	0,5926
Integrated end switches		Yes	Yes	Yes	Yes

Stroke tolerance (+/- 2mm) and operating speed depending on load and voltage

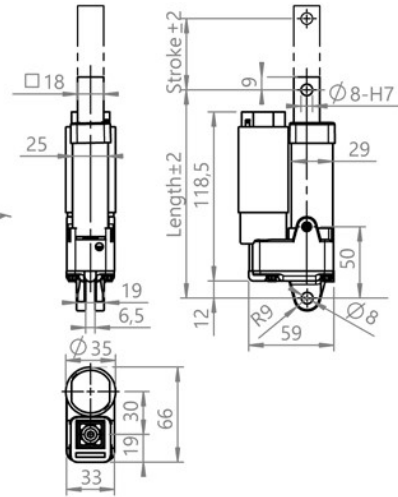
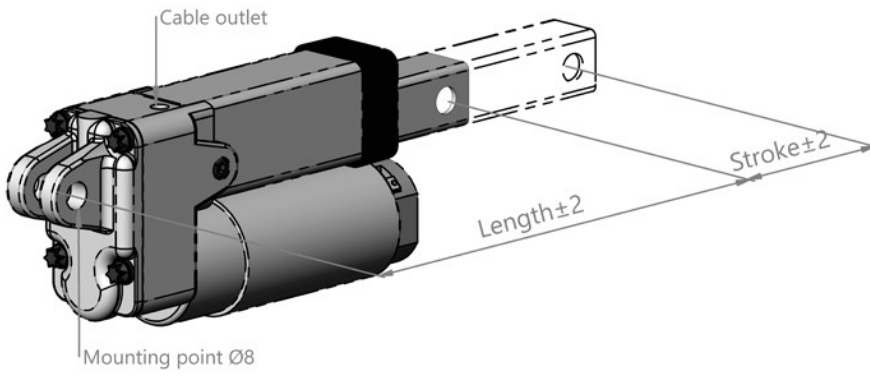
*Depends on installation position

**Related to spindle bending at safety factor SF=2

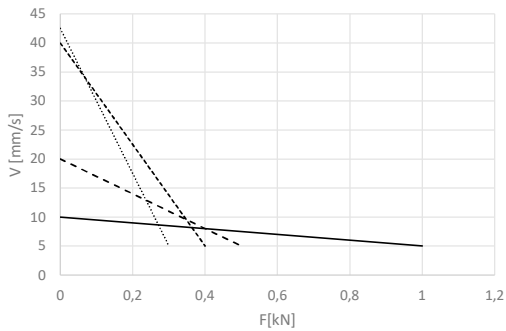
*** No self-locking

Controllers and add-on components see accessoires

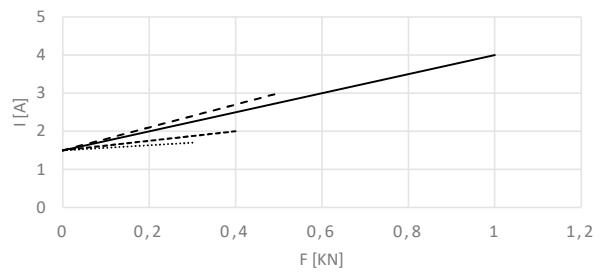
ACTUATOR TYP 120 SE



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— TR 10 x 3 - - - TR 10 x 6 ····· TR 12 x 12 - · - · TR 12 x 16



— TR 10 x 3 - - - TR 10 x 6 ····· TR 12 x 12 - · - · TR 12 x 16