



TYP Koax D

Actuator Article number	Unit	Koax D, Spindle 12x3 KDDMYYYYYZZZOOO24	Koax D, Spindle 12x6*** KDDFYYYYYZZZOOO24	Koax D, Spindle 12x12*** KDDIYYYYZZZOOO24	Koax D, Spindle 12x16*** KDDJYYYYZZZOOO24
Push force max.	N	1800	1500	1200	800
Pull force max. **	N	1200	1000	1000	800
Speed (without load)	mm/s	8	15	25	35
Power rating	W	30...80	30...80	30...80	30...80
Max. stroke**	mm	272	298	259	317
Overall length	mm	Stroke + 215mm	Stroke + 215mm	Stroke + 215mm	Stroke + 215mm
Voltage	V/DC	12...24	12...24	12...24	12...24
Max. power input	W	< 200	< 200	< 200	< 200
Max. power consumption	A	1,5...5,0	1,5...5,0	1,5...5,0	1,5...5,0
Cable length/Plug type	mm	2600/Plug 8-pin MAS 80S	2600/Plug 8-pin MAS 80S	2600/Plug 8-pin MAS 80S	2600/Plug 8-pin MAS 80S
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 42	up to 42	up to 42	up to 42
Isolation class		E	E	E	E
Weight (without spindle)	kg	0,9	0,9	0,9	0,9
Gear reduction		1:35	1:35	1:35	1:35
Pulse travel length (2-Hall)	mm/pulse	0,0857	0,1714	0,3429	0,4571
Integrated end switches		optional	optional	optional	optional

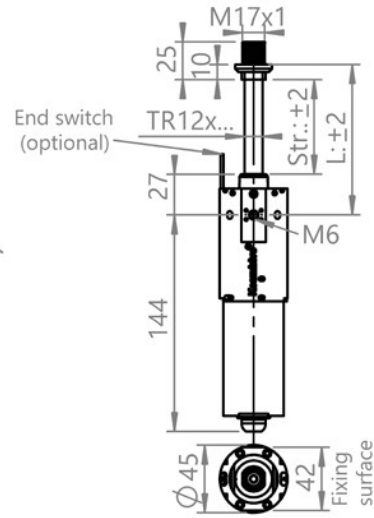
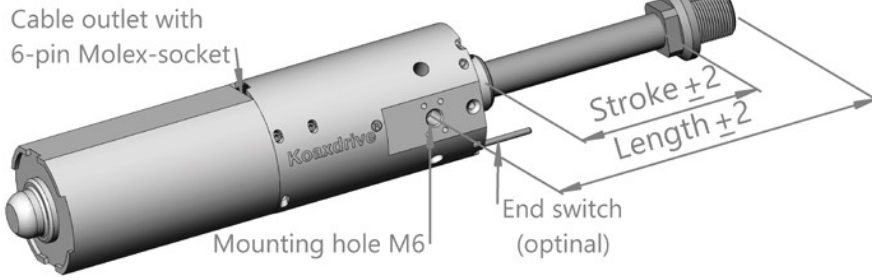
Stroke tolerance (+/- 2mm) and operating speed depending on load and voltage

*Depends on installation position

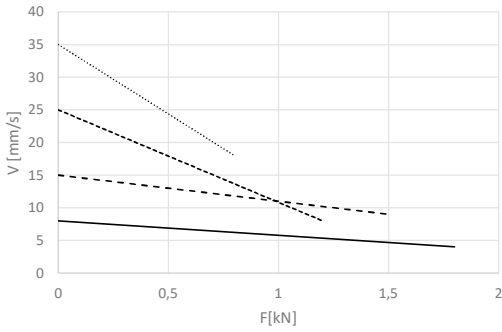
**Related to spindle bending at safety factor SF=2

*** No self-locking

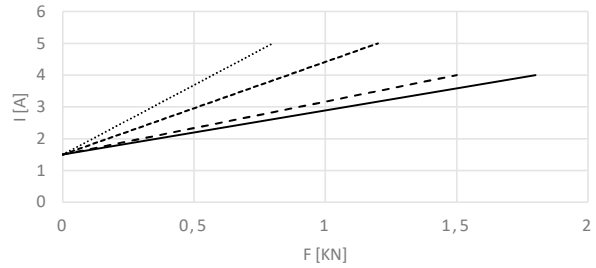
Controllers and add-on components see accessories



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



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