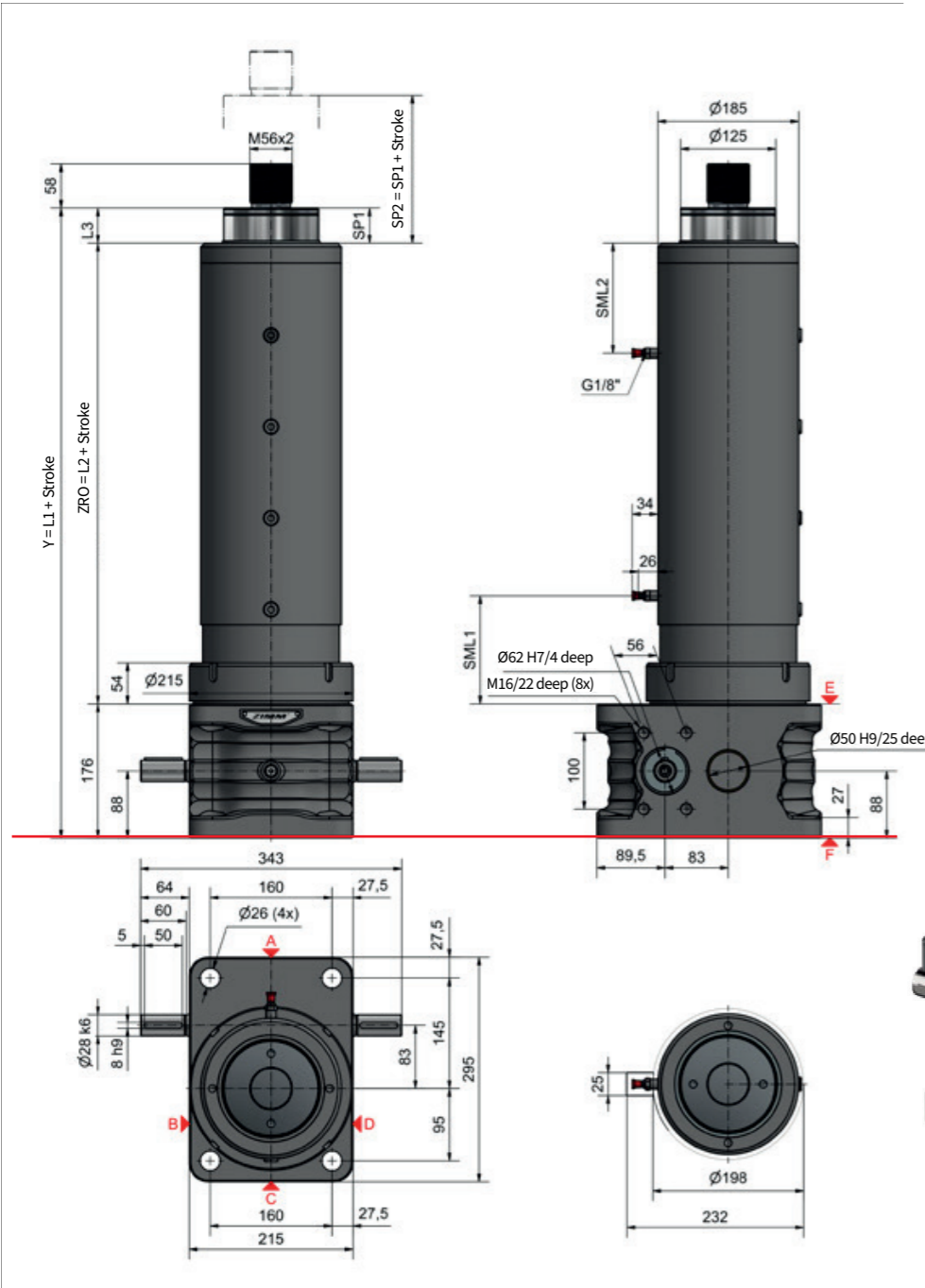


200 kN

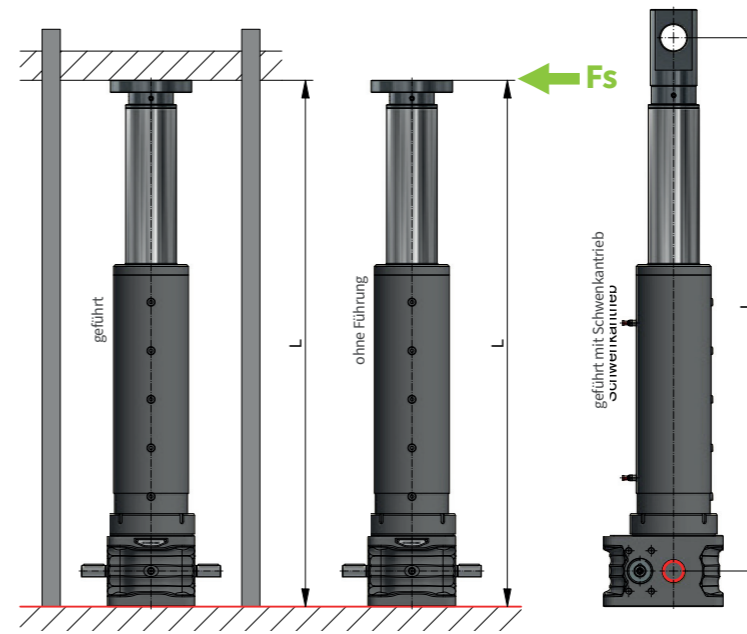
ZA-200 | Electromechanical actuators



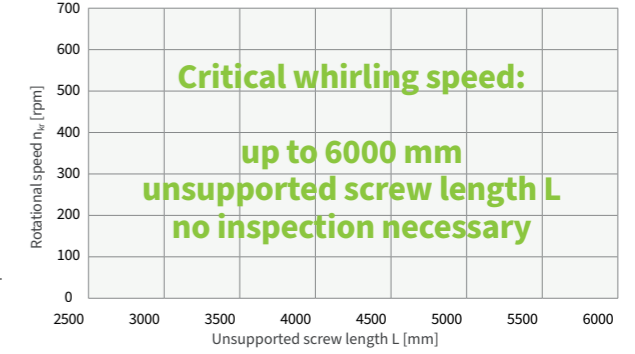
Technische Infos

ZA-200 | Critical buckling force & critical whirling speed

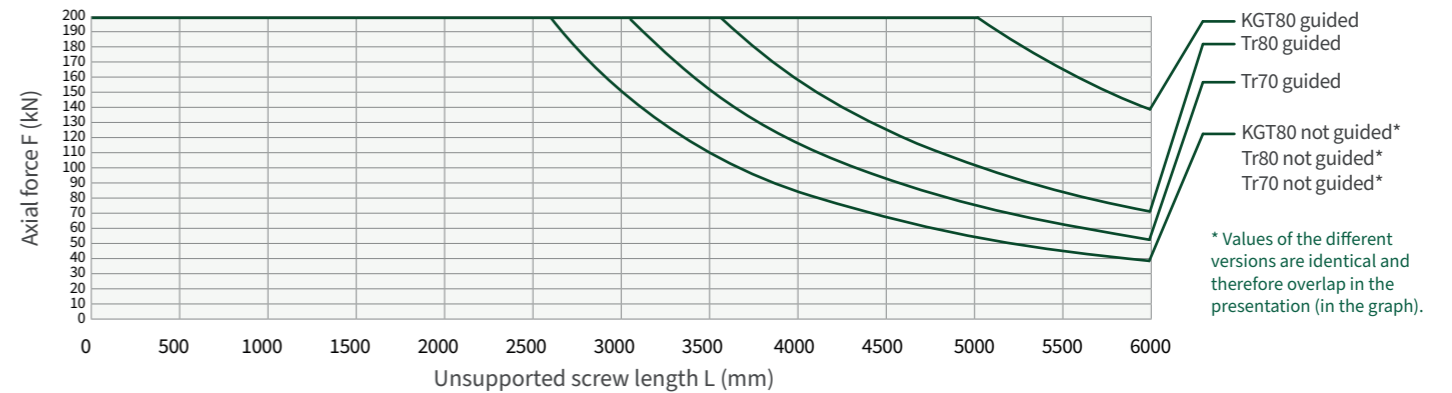
ON REQUEST



Critical whirling speed ZA-200



Critical buckling force ZA-200



KGT load rating [kN]

	KGT80x10	KGT80x20
dyn. C	206,0	463,5
stat. C ₀	710,8	1163,7

Ordering example: **ZA-200 1,50 Tr 70x12-RH -H800**



Standard configuration

Code	Ratio	Screw	Stroke per drive shaft rotation
ZA-200	24:1	Tr70x12	0,50 mm
		Tr80x16	0,67 mm
	8:1	Tr70x12	1,50 mm
		Tr80x16	2,00 mm
	24:1	KGT80x10	0,42 mm
		KGT80x20	0,83 mm
8:1	KGT80x10	1,25 mm	
	KGT80x20	2,50 mm	

Length calculations

	Standard TR	SIFA TR	"KGT50x10 mm"	"KGT50x20 mm"
L1	548	591	on request	
L2	339	382		
L3	33	33		
SP1	33	33		
SML1	114	157		
SML2	225	225		

Lubrication position SP1 corresponds to standard lubrication length SML1. Safety distance L3. For the lubrication of the screw drive and the anti-rotation lock, the lubrication positions SP1 (retracted) and SP2 (extended) must be maintained at ±2 mm.

Dynamic lateral force Fs (max.)

Fully extended L [mm]	max. Fs [N] (dynamic)	
	Standard	
700	4720	
800	4110	
900	3600	
1000	3220	
1200	2640	
1500	2080	
200	1480	
2500	1120	
3000	860	

For tensile loads in conjunction with lateral forces, the permissible load is limited to 60% of the nominal load (max. tensile force ZA-200 = 120kN). Part-turn actuator excluded from this limitation.

For compressive loads, the buckling diagram must also be observed.

Technical data

max. compressive/tensile force:	200 kN (20 t), static
Input speed:	1500 rpm / max. 1800 rpm
Housing:	GGG, corrosion-resistant
Push rod:	steel, chrome-plated
Worm shaft:	steel, case-hardened, ground
Weight of actuator body:	112 kg
Weight per 100 mm stroke:	11 kg
Cylinder tube:	steel
Gearbox lubrication:	synthetic fluid grease
Screw lubrication:	grease lubrication
Gearbox operating temp.:	max. 60°C, higher on request
IP code:	max. IP64