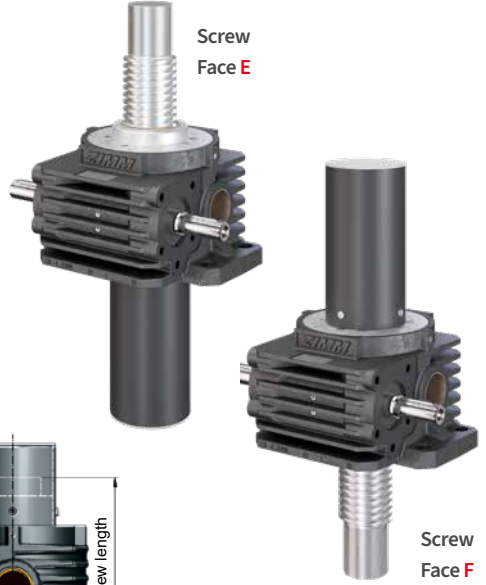
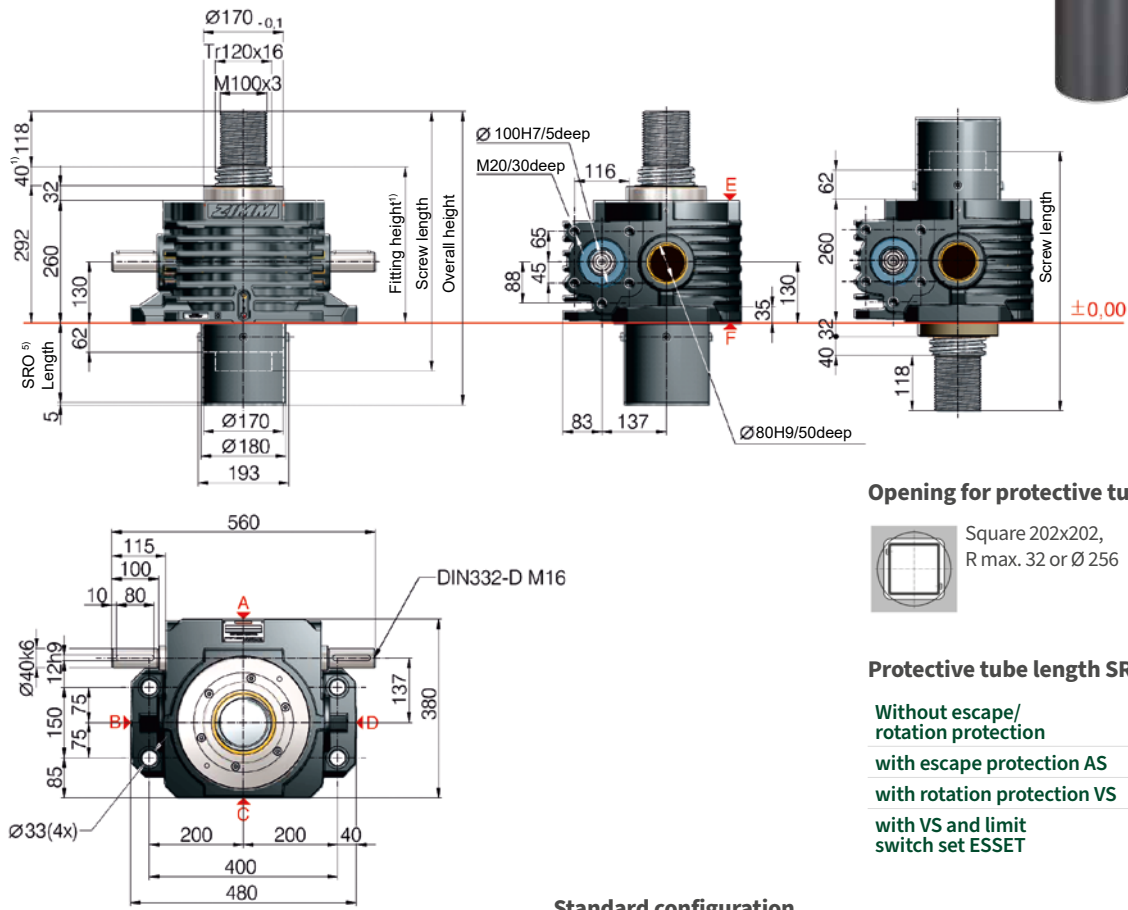
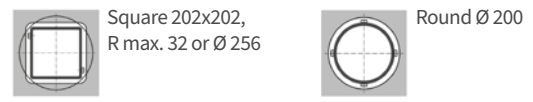


S 500 kN
Z-500-S | translating screw



Opening for protective tube SRO



Protective tube length SRO with Tr 120x16-Screw

Configuration	Length	Diameter
Without escape/rotation protection	157 + stroke	Ø 180
with escape protection AS	197 + stroke	Ø 180
with rotation protection VS	197 + stroke	□ 180 x 180
with VS and limit switch set ESSET	197 + stroke	□ 180 x 180

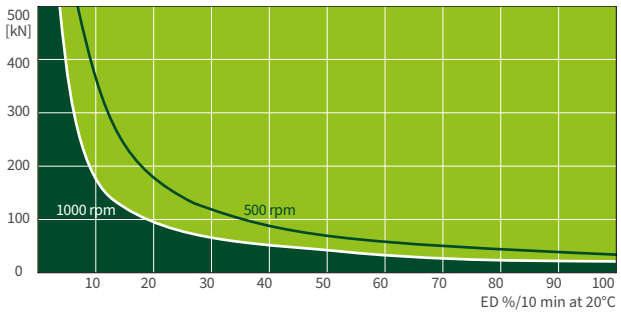
Standard configuration

Code	Gearbox (series)	Size	Version (variant)	Ratio	Screw	Stroke per drive shaft rotation
Z-500-SN	Z	500	S (translating screw)	N (normal) 10,66:1	Tr 120x16	1,50 mm
Z-500-SL				L (low) 32:1		0,50 mm

500 kN

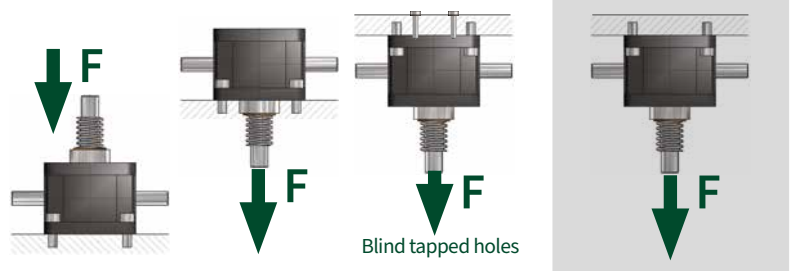
Duty cycle thermal limit

Ratio „N“ (13,33:1)



These curves are for guidance under standard industrial conditions (ambient temperature 20°C etc.) and correct maintenance (lubrication etc.). They are based on the ZIMM standard trapezoidal thread Tr 120x16. The operation cycles can be many times longer, when using ball screws.

Screw jack mounting Z-Series



Full rated load (tension and compression)

The gearbox can accept the full static rated load. If the fixing screws are subject to tensile loads, the gear unit can only be loaded to the nominal static load if the additional blind tapped holes (Face F) are used. The permissible load depends on the type of fastening.

Reduced load (Z-Series)

If the fixing screws on the housing are loaded in tension, only reduced loads are permissible.