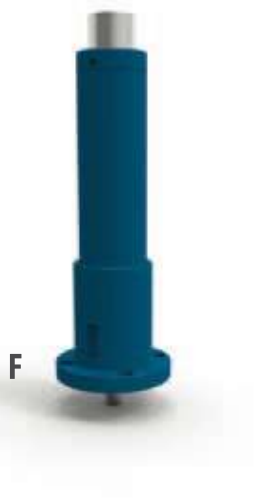
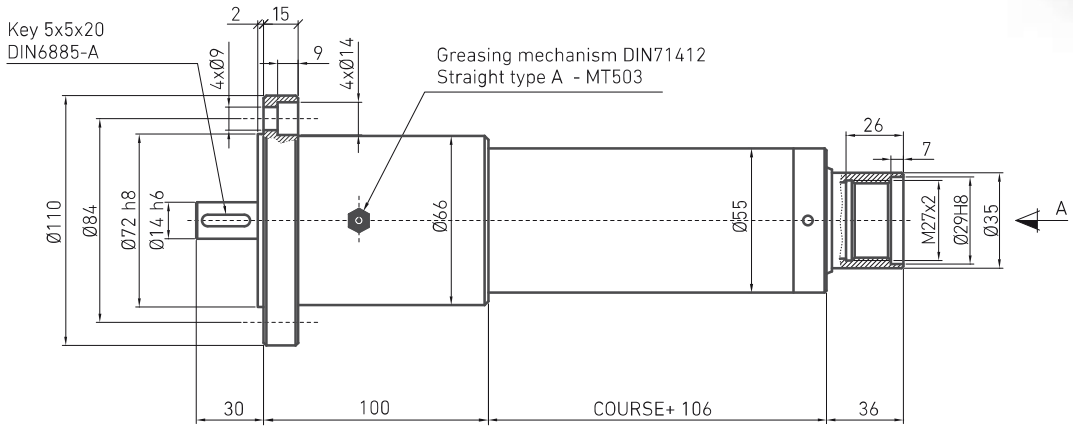
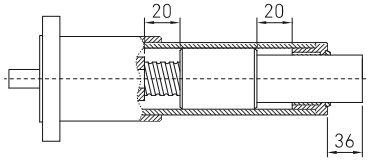
F20-M100 LINEAR ACTUATORS

UP TO 10.5 kN

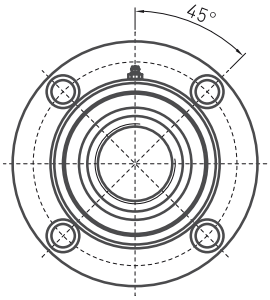
The capacities indicated correspond to
the standard input shaft configurations.
Higher capacities are available on request.







SAFETY MARGIN



CHECKED BY -A-

Screw diameter and step (mm)	Maximum axial strength (kN)	Travel (mm/ revol. input)	Performance (%)	Drive torque, M_D (Nm) F (kN), load to move in dynamic	Stroke weight 0 (kg)	Approx. weight each 100 mm of Stroke (kg)
Tr 24x5	9.5	5	35	(2.27 x F) + 0.52	3	1.7
KGS 2005	10.5	5	81	(0.98 x F) + 0.42	3	1.25
KGS 2020	5.5	20	81	(3.93 x F) + 0.48	3	1.25

... Power required: P_D (kW) = 0,157x M_D (Nm).

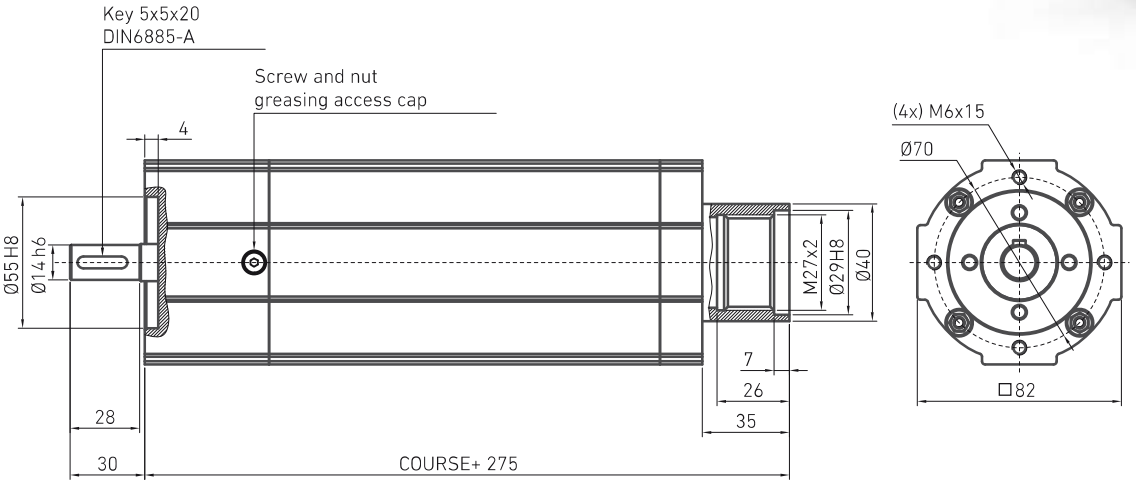
... Contact NIASA if the dynamic load exceeds the critical values indicated, in order to avoid over-heating, buckling and resonance of the unit. See calculations chapter at the end of the chapter (page 97).

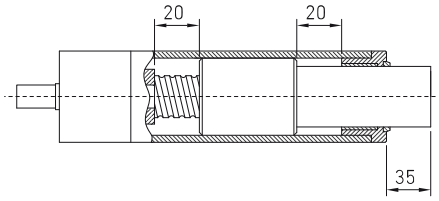
A20-M100 LINEAR ACTUATORS

UP TO 10.5 kN

Tr TRAPEZ. KGS BALLS

The capacities indicated correspond to
the standard input shaft configurations.
Higher capacities are available on request.





SAFETY MARGIN

Screw diameter and step (mm)	Maximum axial strength (kN)	Travel (mm/ revol. input)	Performance (%)	Drive torque, M_D (Nm) F (kN), load to move in dynamic	Stroke weight 0 (kg)	Approx. weight each 100 mm of Stroke (kg)
Tr 24x5	9.5	5	35	(2.27 x F) + 0.52	3.85	1.25
KGS 2005	10.5	5	81	(0.98 x F) + 0.42	3.65	1.15
KGS 2020	5.5	20	81	(3.93 x F) + 0.48	3.65	1.15

... Power required: P_D (kW) = 0,157x M_D (Nm).

... Contact NIASA if the dynamic load exceeds the critical values indicated, in order to avoid over-heating, buckling and resonance of the unit. See calculations chapter at the end of the chapter (page 97).