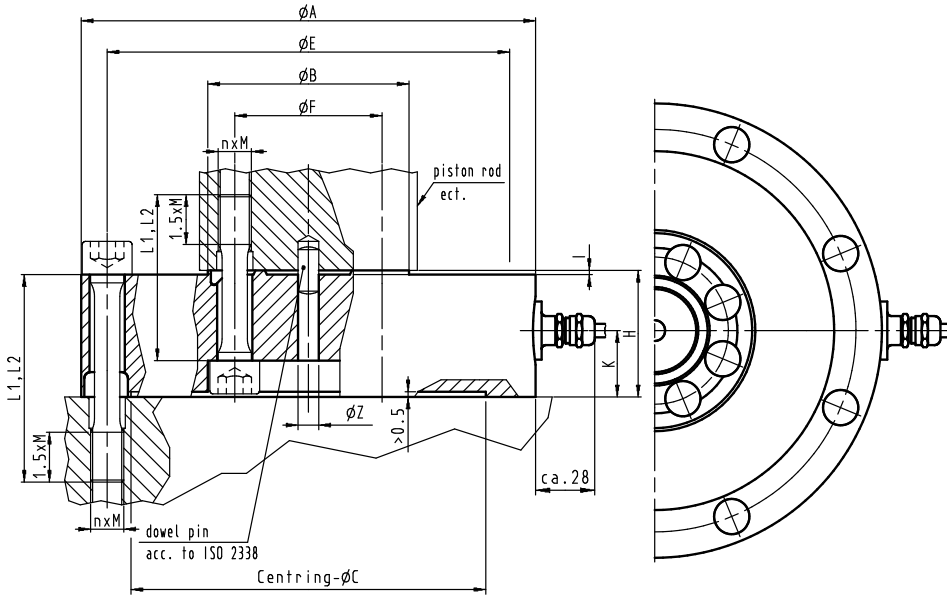


# Force Transducer K

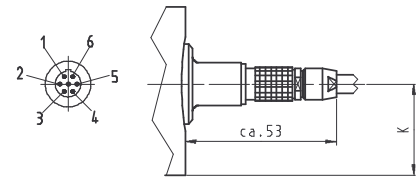
Dimensions Nominal Capacity 200 kN - 500 kN



Nominal capacity	$F_{nom}$	± kN	200, 250	400, 500
Outer diameter	$\varnothing A$	mm	219 - 0.1	270 - 0.1
Flange diameter	$\varnothing B$	mm	97 - 0.1	128 - 0.1
Outer centring diameter	$\varnothing C$	mm	171 ± 0.1	203 + 0.1
Outer pitch circle diameter	$\varnothing E$	mm	194 ± 0.1	235 ± 0.1
Centring pin diameter	$\varnothing Z$	mm	10 + 0.1	
Overall height	H	mm	60 - 0.1	80 - 0.1
	l	mm	1	
Height of cable entry	K	mm	32	40
n × thread			8 × M16	8 × M20
Inner pitch circle diameter	$\varnothing F$	mm	71 ± 0.1	95 ± 0.1
Thread adapter internal thread	$\varnothing G$		-	
Stretch bolt quality			10.9	
static load	$L_2$	mm	80	110
dynamic load	$L_1$	mm	160	200
Bolt torque (stretch bolts) (oiled, $\mu = 0.12$ )		N·m	230 - 280	450 - 560
Permissible dynamic load range <sup>1)</sup>	$2 \cdot F_a$		1.6 · $F_{nom}$ (Version 1 mV/V) 1.0 · $F_{nom}$ (Version 2 mV/V)	

Plug connection (LEMO)

View from pin side

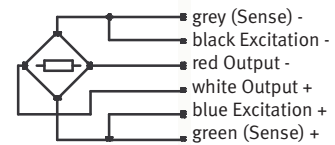


LEMOS, EGG.1B.307.CLL

- 1 Output +
- 2 Excitation -
- 3 Excitation +
- 4 Output -
- 5 Sense +
- 6 Sense -

Screen connected to sensor body

Corresponding plug:  
FGG.1B.307.CLA.D72



electr. connection

Cable connected to transducer (5 m, PUR, 6 wire, screened, ø 6.5 mm, open ended)

<sup>1)</sup> with alternating load acc. to DIN 50100, not exceeding ±  $F_{nom}$

Specifications subject to change without notice  
all details describe our products in general form  
they are not to be understood as expressed warranty  
and do not constitute any liability whatsoever