

Technische Daten

Dimensions	mm	Fig. 1
Assembly options		wall assembly
Weight	kg	5,8
Max. tool weight*	kg	5
Direction of measurement		tens./compress.
Measuring range	kN	0,05
	kN	0,1
	kN	0,25
	kN	0,5
	kN	1,0
	kN	1,5
Length of stroke	mm	100
Tool holder	mm	Fig. 1, detail A
Holding brake	V/A	24/0,4
Max. movement speed	mm/s	400
Displacement sensor system		absolute encoder
Resolution	µm	0,2
Practical repeatability	mm	<0,002
Force sensor		piezoelectric
Temperature range	°C	10 ... 40
Protection class		IP54

Linearity in all ranges	%FSO	≤1
Service life of spindle (acc. to defined drive profile)	cycles	>10 Mio.
Short stroke	mm	≤60
Central lubrication connection (internal)		standard-lubrication nipple

Servo Controller	Bosch-Rexroth Type IndraDrive	
Standard Interface**		Profibus
Power connection	VDC/W	24 (19,2 ... 28,8) /24
Power connection	V	400 (400 ... 500) ±10 %
	Hz	50/60 ±2 %
	phase	3

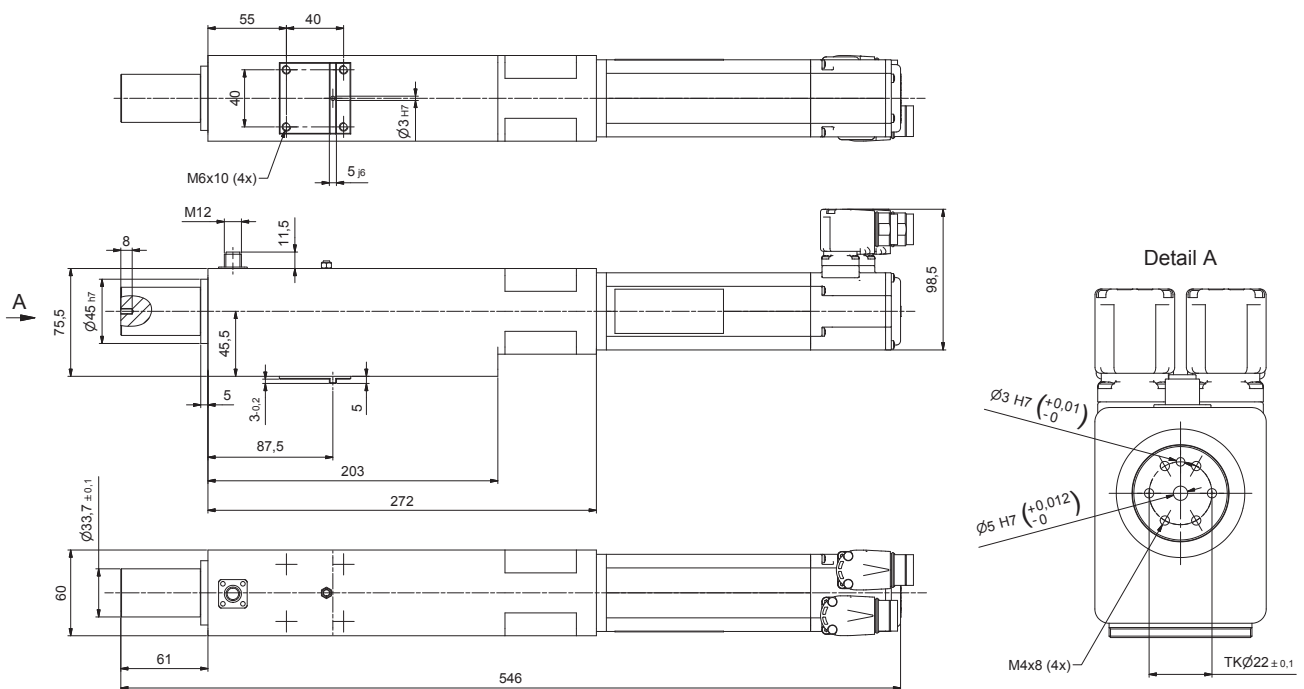
Evaluation Unit	Type 4734A... or Type 4740A...	
Standard Interface		Profibus
Power supply	VDC	24 ±10 %

Evaluation Unit		
NC Compact Firmware		Type 2159A
Operating Panel		Type 2158A

* Possible radial forces must be considered independent of the mounting.

** Dependent of system

Dimensions



2157B_000-948e-10.11

Fig. 1: Dimensions NC joining module NCFT Type 2157B... for measuring range of 0,05 ... 1,5 kN