

**Technical Data**

Dimensions	mm	Fig. 3
Assembly		Flange assembly
Weight	kg	89
Max. tool weight *	kg	25
Direction of measurement		tension/ compression
Measuring range	kN	15, 25
Length of stroke	mm	350
Anti rotate tool fitting		Fig. 3
Max. speed	mm/s	250
Displacement sensor system		Absolute encoder
Resolution	mm	0,001
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	approx. 10 million

Short stroke	mm	≤60
Lubrication connection (exterior)	number	3

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

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

<b>Evaluation Unit</b>		
NC Compact Firmware		Type 2159A
Operating Panel		Type 2158A

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

\*\* Dependent of system

**Dimensions**

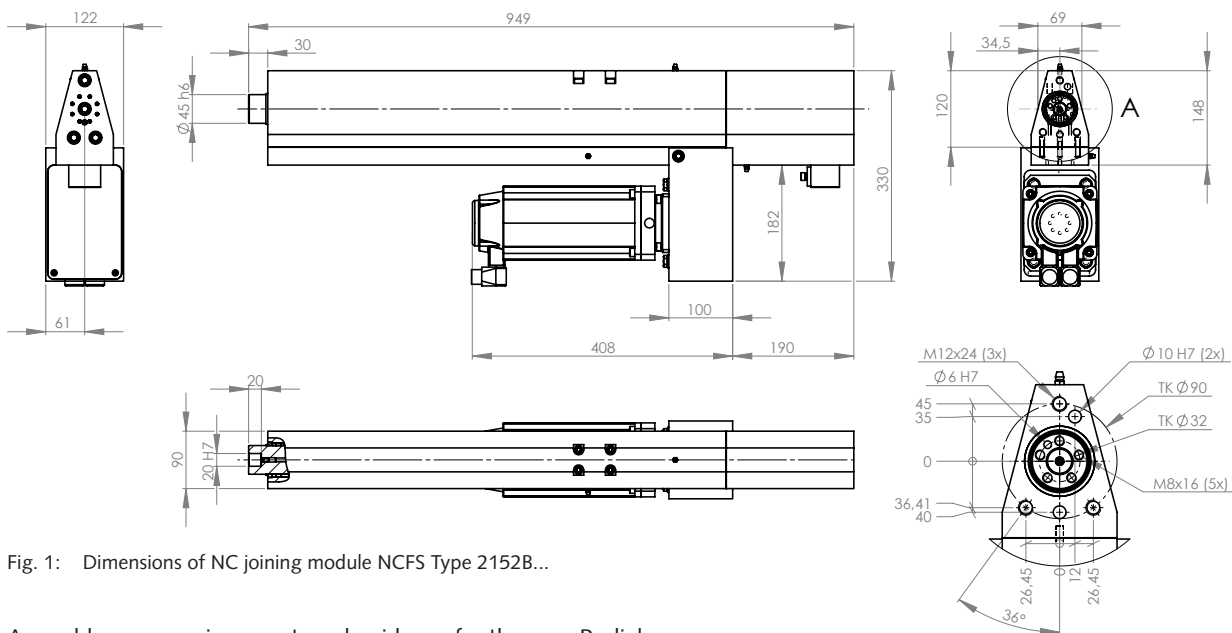


Fig. 1: Dimensions of NC joining module NCFS Type 2152B...

Assembly may require an external guidance for the ram. Radial forces such as tool weight must be observed during design and installation.

Flange Assembly/Tool Fitting

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