

TECHNICAL DATA  
CNC – Precision Measuring Center

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manufacturer	<b>KLINGELNBERG</b>
type	<b>PEC 33</b>
Built	<b>1996</b>

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**Main data**

Measurable tooth size (module)	0,5 - 15 mm	spur gear related
Continuously measurable vertical measuring range (Z-Axis)	max. 400 mm	
Helix angle depending on the software equipped	0 - 90 °	
Clampable wheel diameter between centres	330 mm	
Center distance AV35	600 mm	
Tip diameter at the supports	30 mm	
Max. permissible moment of inertia	5 kgm <sup>2</sup>	
Base diameter on the machine table	105 – 260 mm	

### Dimensions, weight

Dimensions approx.	1,5 x 1,1 x 2,0	m
Machine weight approx.	1.600	kg

### Supply connections

Supply voltage	400	V
Frequency	50	Hz
Power input	3	kVA
Cross section of supply line	2,5	mm <sup>2</sup>
Fuse	3 x 20	A

### Equipment, Accessories

- Counterholder with tailstock tip AV 35
- Workshop PC make HP with Windows XP operating system
- Screen ACER 17", keyboard and mouse
- KLINGELNBERG Software for measuring cylindrical gears
- Operating terminal with joystick
- Printer make BROTHER
- Continuous measuring equipment monitoring by KlingelInberg, last calibration 10/2018