Technical Data Sheet

Peter Lehmann AG 4./5. Achse TAP2

Miscellaneous machine · Miscellaneous



Article number	**94-000052**
Condition	**Demo machine**

Measurement:

Swing diameter	220 mm
Swivel range	90° +5°/-25°
Center height	210 mm
Total weight	160 kg
Center bore	34 mm

Bearing/Clamping:

Max. clamping torque, 4th axis	800 Nm
Max. clamping torque, 5th axis	2,000 Nm
Max. spindle load 0°–30°	133 kg
Max. spindle load 30°–90°	89 kg
Max. axial force, 4th axis	10 kN
Max. tilting moment, 4th axis	2,000 Nm
Max. tilting moment, 5th axis	3,900 Nm

Gear:

Max. moment of inertia	0.2 kgm²
Max. feed torque, 4th axis	250 Nm
Max. feed torque, 5th axis	440 Nm
Max. gear load, 5th axis	440 Nm
Indexing accuracy Pa, 4th axis	+/- 17/10 arc sec

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Subject to prior sale and technical errors.

Indexing accuracy Pa, 5th axis (90°)	+/- 21/22 arc sec
Mean repeatability Ps, 4th axis	+/- 2 arc sec
Mean repeatability Ps, 5th axis	+/- 2 arc sec
Max. speed with standard load, 4th axis	80 min?[1]
Max. speed with standard load, 5th axis	40 min?[1]

Accuracy:

Spindle run-out (at diameter)	6/3 ?m
Spindle face run-out	6/3 ?m
Parallelism (spindle to mounting surface)	10/5 ?m/100 mm

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