TECHNICAL SPECIFICATIONS ROTARY AXIS (B)

Axial bearing type ....Roller bearing

Bearing diameter ....Ø 770 x 900 mm.

Radial bearing type ....Roller bearing

Radial bearing diameter.......................Ø 210 mm.

Gear diameter ....Ø 1030 mm.

Module/teeth 5/225

Material ....Hardened and cemented

Type of gearbox……………………………………… Redex mechanical preload (1 motor / 2 outputs)

Anti Backlash system...........................Twin drive system

Ratio gearbox 1/46

Total ratio 1/575

Max speed...3 rpm

Motor Fagor……………………………………… FKM84.20A.E3.110 (52Nm-2000rpm)

Clamping system.................................Hydraulic with independent pump (máx. 180 bar.)

Clamping diameter ....Ø 980 mm.

Measuring system ....Direct with angular encoder Fagor HOP-18000 D200-2

Accessibility ....from the table top side

Lubricating system ....independent

Main gear..Oil bath

Axial bearing......................................Oil bath

Radial bearing....................................By external greasing points

Application ....Positioning and rotating machining

Table hardness ....GG 30 200±20 HB

TECHNICAL DATA: PHL 1200 (2500X3000) W.1500

TECHNICAL SPECIFICATIONS LINEAR AXIS (W)

Guide way system...........................Profiled guide ways

Number of bed guides......................2

Distance between guides..................880 mm

Drive ....Servomotor FKM66.30A.E3.110

(23.5Nm- 3000rpm)

Maximum feed................................12 m/min.

Measuring system ....Linear scale Fagor GOP 1540-5-A

Guide way cover.............................Telescopic cover on both sides

Lubrication.....................................Independent

Cable track ....for wiring and greasing

Bed fixation...................................prepared for mounting on fixators. Fixators

will not be delivered by Zeatz

GENERAL DIMENSIONS

Dimensions of square table..............3000 x 2500

"T" slots...Central 28H7 – Rest 28H8

Centre bore....................................Ø 100 H7 mm.

Linear stroke..................................1.500 mm.

Total height ....900 mm.

Width ....1.200 mm.

Total length .... 3.900 mm.

LOAD CAPACITIES

Maximum load on table (Tn)...........................12

Torque limit during rotary milling ....18.000 Nm

Tangential moment against table top......................50.000 Nm. (150 bar)

Tilting moment ....80.000 Nm

Torque limit linear axis.................................20.000 Nm

Inertia .... 20.000 Kgm^2

ACCURACIES ROTARY AXIS / LINEAR AXIS

Parallelism table top surface .... 0.03 mm/m

Run out center bore in the rotary table................... 0.015 mm.

Parallelism table top surface to linear bed .... 0.045 mm/m

Positioning accuracy... ± 2