TRAVELLING COLUMN BORING MACHINE DOOSAN ACE B 130

TECHNICAL SPECIFICATIONS

CNC FANUC 16MC

AXES TRAVEL:	
X-axis travel:	mm 3.000
Y-axis travel:	mm 2.000
Z axis travel:	mm 1.600
W axis travel:	mm 700
FEED RATES:	
Rapid traverse, X / Y / Z / W axes:	m/min 8
Cutting feed rate:	mm/min 1 – 4.000
X-axis acceleration/deceleration time:	s 0,35
Y-axis acceleration/deceleration time:	s 0,30
Z-axis acceleration/deceleration time:	s 0,35
W-axis acceleration/deceleration tim:	s 0,15
Maximum thrust, X / Y / Z axes:	kgf 13.590/10.195/ 13.590
SPINDLE:	
Boring spindle diameter:	mm Ø130
Milling spindle diameter:	mm Ø240
Spindle speed:	giri/min 2.000
Spindle motor power (continuous / 30 min), FANUC α18:	kW 22
Maximum torque (30 min), FANUC α18:	kgf·m 289,6

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TABLE:	
Table dimensions:	mm 1.600 × 1.800
T-slots:	mm 9 – 24H8
Clamping force:	kgf 9.000
Permissible load:	kgf 10.000
B-axis rotation speed:	giri/min 1
Rotary table with 90° positioning	
LUBRICATION SYSTEM:	
Tank capacity:	l 6
Pump motor power:	kW 0,02
Pressure:	kgf/cm² 20
Flow rate:	l/min 0,1
SPINDLE COOLING:	
Cooling capacity:	kcal/h 1.730
Tank capacity:	l 45
OVERALL DIMENSIONS, WEIGHT AND POWER SUPPLY:	
Overall dimensions (W × D × H):	mm 7.000 × 6.500 × 4.600 mm
Machine weight:	kg 34.000
Electrical supply:	Three-phase, 220 V – 60 Hz
Installed electrical power:	kVA 65
Pneumatic supply – pressure:	kgf/cm² 5
Pneumatic supply – flow rate:	Nl/min 120
HYDRAULIC UNIT:	
Pump motor power:	kW 7,5
Tank capacity:	l 220
Pressure:	kgf/cm² 50
Flow rate:	l/min 87

MACHINE SUPPLIED COMPLETE WITH

- Spring-loaded spindle clamping and release by pneumatic cylinder.
- Three-colour signal lamp (red/yellow/green), AC 110 V.
- Milling head.
- CE/EMC safety guards.