

Technical data

DBZ

Technical data		DBZ	DBZ 2
Working area			
X-traverse range	[mm]	2 x 750	2 x 900
Y-traverse range	[mm]	500	600
Z-traverse range	[mm]	600	700
Distance table - spindle nozzle	[mm]	180 - 780	180 - 880
Machine table			
Clamping surface, grinded, approx.	[mm]	2 x (1000 x 500)	2 x (1000 x 600)
T-slots, reference slot H7	[mm]	14 H9	14 H9
T-slots indexing	[mm]	160	160
Number of T-slots		3	4
Max. table load	[kg/m ²]	800	800
Feed drive			
Max. rapid traverse	[m/min]	25/25/20	25/25/20
Max. feed force	[N]	9000	9000
Main spindle drive			
Standard drive no. ¹		110	110
Optional drive no. ¹		100 / 111	100 / 111
Tool holding fixture			
DIN 69871 A / DIN 69872 A		SK 40	SK 40
Optional		BT 40, HSK A63	BT 40, HSK A63
Tool changer			
No. of tool pockets standard		22	22
Optional expandable up to		30	30
Max. tool diameter	[mm]	85	85
By free adjacent pockets	[mm]	135	135
Max. tool length	[mm]	400	400
Tool change time approx.	[s]	4	7
Accuracy			
Positioning accuracy ²	[mm]	± 0,015	± 0,015
Repeating accuracy	[mm]	± 0,005	± 0,005
Weight			
Standard version approx.	[kg]	8500	13000

¹ Main spindle drives

		100	110	111
Speed range	[rpm]	6000	6000	6000
Optional up to	[rpm]	15000	12000	12000
Max. torque (40% DC)	[Nm]	95	143	191
Max. power (40% DC)	[kW]	20	30	40

² Per 1000 mm per axis X/Y/Z