

ROBODRILL α -D28LiB5ADV Plus Y500 Mechanical specifications



| ROBODRILL α -D28LiB5ADV Plus Y500 | | | |
|--|-------------|--|-----------------|
| Travel X/Y/Z | mm | | 700 x 500 x 400 |
| Table size | mm | | 850 x 500 |
| Max. table load | kg | | 400 |
| Machine mass/with DDR-TiB | t | | 2.3/2.5 |
| Max. tool length | mm | | 250 |
| Max. tool diameter | mm | | 80 |
| Max. tool mass | kg | | 4 |
| Total mass | kg | | 46 |
| Number of tools | | | 28 |
| Spindle holder 7/24 taper No.30 | | | ○ |
| Spindle holder BBT30 | | | ● |
| Distance from spindle nose to table (with HC200) | mm | | 280-680 |
| Controller | | | 31i-B5 Plus |
| Spindle speed | rpm | | 10000 24000 |
| Spindle load 10,000 rpm (1 min) | Nm kW | | 80 14.2 |
| Spindle load 10,000 rpm (continuous operation) | Nm kW | | 13.6 4 |
| Spindle load 24,000 rpm (1 min) | Nm kW | | 35 26 |
| Spindle load 24,000 rpm (continuous operation) | Nm kW | | 7.5 5.5 |
| Rapid traverse in X/Y/Z-axis | m/min | | 54/54/60 |
| Maximum programmable cutting feed (l) | mm/min | | 30000 |
| Tool change time (1.5 kg-tool) (cut to cut) | s | | 1.3 |
| Bidirectional accuracy of positioning of an axis (ISO230-2:1988) | mm | | < 0.006 |
| Bidirectional repeatability of positioning of an axis (ISO230-2:1997,2006) | mm | | < 0.004 |
| Air pressure consumption | L/min MPa | | 160 0.35-0.55 |

- Not available ● Available ○ Optional

ROBODRILL α -D28LiB5ADV Plus Y500 Dimensions

