

**SAM 022074****DMG Type DMC 64 V linear**

|                       |                           |
|-----------------------|---------------------------|
| <b>Group</b>          | Vertical machining center |
| <b>Manufacturer</b>   | DMG                       |
| <b>Type</b>           | DMC 64 V linear           |
| <b>Controller CNC</b> | SIEMENS 840 D             |
| <b>Year</b>           | 2003                      |



|                                     |                  |
|-------------------------------------|------------------|
| Table length                        | 850 mm           |
| Table width                         | 630 mm           |
| Table load max.                     | 600 kg           |
| Longitudinal travel (X-axis)        | 640 mm           |
| Transversal travel (y-axis)         | 600 mm           |
| Vertical travel (z axis)            | 500 mm           |
| Tool changer:                       |                  |
| Number of tools                     | 30               |
| Tool diameter                       | 80 mm            |
| Tool diameter max.                  | 140 mm           |
| Diameter with free adjacent pockets | 140 mm           |
| Tool lenght                         | 300 mm           |
| Max. tool-weight                    | 7 kg             |
| Time of tool changing               | 5 s              |
| Spindle nose: BT                    | 40               |
| Milling spindle speeds:             |                  |
| stepless                            |                  |
| from                                | 1 t/min          |
| up to                               | 12000 t/min      |
| Feed range                          | 0 - 40000 mm/min |
| Rapid traverse: long.               | 60 m/min         |
| Rapid traverse: transversal         | 40 m/min         |
| Rapid traverse: vertical            | 40 m/min         |
| Air connect                         | 6 bar            |
| Voltage 50 Hz 3x                    | 400 Volt         |
| Spindle power                       | 19 / 13 kW       |
| Torque max.                         | 100 / 70 Nm      |
| Total power required                | 42 kVA           |
| Machine's weight about              | 6500 kg          |
| Overall dimensions machine:         |                  |
| Length                              | 3400 mm          |
| Width                               | 2500 mm          |
| Height                              | 3300 mm          |

**Various accessories:**

Coolant system

Touch Probe

Handwheel electroinic

Heidenhain TS 642

