

**SAM 023599****STAR Type SR-16 R**

|                       |                                            |
|-----------------------|--------------------------------------------|
| <b>Group</b>          | CNC automatic lathe / CNC Swiss type lathe |
| <b>Manufacturer</b>   | STAR                                       |
| <b>Type</b>           | SR-16 R                                    |
| <b>Controller CNC</b> | FANUC 18i-T                                |
| <b>Year</b>           | 2001                                       |



|                                |             |
|--------------------------------|-------------|
| Number of axis total           | 7           |
| Number of spindles             | 2           |
| Maximum turning length         | 205 mm      |
| Max. drilling diameter         | 10 mm       |
| Internal spindle diameter      | 16 mm       |
| Spindle speeds:                |             |
| up to                          | 12000 t/min |
| C axis (spindle,resolution)    | 0.01 °      |
| Axial motion:                  |             |
| X1                             | 16 mm       |
| X2                             | 40 mm       |
| Y1                             | 89 mm       |
| Z1                             | 205 mm      |
| Z2                             | 80 mm       |
| Back spindle:                  |             |
| speeds:                        |             |
| up to                          | 8000 t/min  |
| C axis (spindle,resolution)    | 15 °        |
| Driven tools (number)          |             |
| Spindle speeds (turning tools) | 8000 t/min  |
| Rapid traverse:                | 20 m/min    |
| Voltage 50 Hz 3x               | 400 Volt    |
| Total power required           | 6 kVA       |
| Machine's weight about         | 2200 kg     |
| Overall dimensions machine:    |             |
| Length                         | 2207 mm     |
| Width                          | 1080 mm     |
| Height                         | 1700 mm     |

**Various accessories:**

|                        |                |
|------------------------|----------------|
| Set of toolholders     |                |
| Bar feeder             |                |
| Manufacturer           | LNS            |
| Type                   | SUPER HYDROBAR |
| Oil mist extractor     | ELBARON        |
| Set of collets         |                |
| Set of tools           |                |
| Set of service tools   |                |
| High frequency spindle | 2x             |
| Transformer            |                |













