



## Z62-K360.12 S5A2

### Pneumatic taper change

Item no. **10403039**

HF-Spindle for high-speed milling, -grinding, -drilling, -engraving

#### Bearings

|                           |                  |
|---------------------------|------------------|
| Hybrid ball bearing (pcs) | 2                |
| Lifetime lubricated       | maintenance free |

#### Motor

|  |   |
|--|---|
| Motor technology                         | 3-phase asynchronous drive<br>(no brushes or sensors) |
| Frequency                                | 1.000 Hz  |
| Motor poles (pairs)                      | 1   |
| Rated rotation speed                     | 60.000 rpm  |
| Acceleration/braking value<br>Per second | 10 000 rpm<br>(other values by consultation)          |

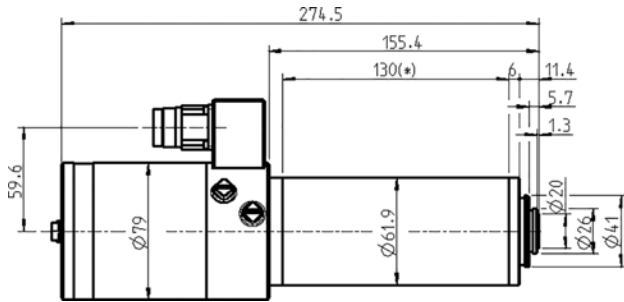
#### Power values

Liquid cooled

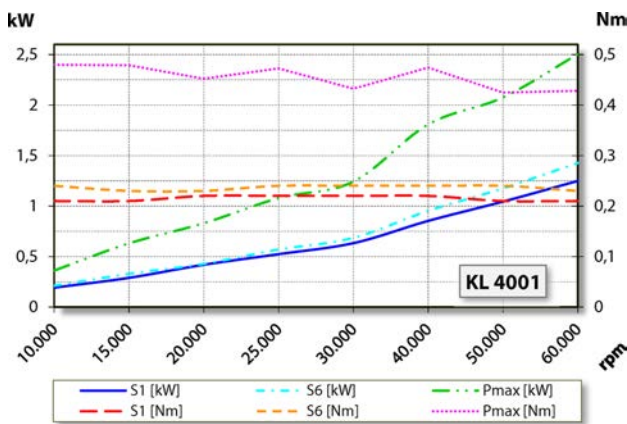
|             | Pmax./5s | S6-60% | S1-100% |      |
|-------------|----------|--------|---------|------|
| Rated power | 2,5      | 1,4    | 1,2     | [kW] |
| Torque      | 0,48     | 0,24   | 0,22    | [Nm] |
| Voltage     | 249      | 211    | 206     | [V]  |
| Current     | 11       | 6,5    | 6       | [A]  |

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Dimensions



Performance Diagram  
Liquid cooled

Measurement of power is funded by in-house testing.

**Characteristics**

|   |  |
|---|--|
| Speed sensor                                | Differential magneto resistor (TTL)<br>Number of signals = 6 |
| Motor protection                            | PTC 160°C  |
| Housing                                     | Stainless steel  |
| Housing diameter                            | 61,9 mm  |
| Cooling                                     | Liquid cooled  |
| Ambient temperature                         | + 10°C ... + 45°C  |
| Sealing air                                 |  |
| Protection category (sealing air turned on) | IP54   |
| Taper cleaning                              |  |
| ESD protection                              | insulated led out  |
| Tool change                                 | Pneumatic taper change                                       |
| Tool Holder                                 | WK 16  |
| Collet type                                 | D6<br>Optional accessories                                   |
| Clamping range up to                        | 6 mm (1/4" )   |
| Clockwise                                   |  |
| Coupler plug                                | 9-pin (SpeedTEC)   |
| Weight                                      | ~ 3,8 kg   |
| Inner taper run out                         | < 1 μ  |
| Axial run-out                               | < 1 μ  |