



Z62-D360.93 S3

Pneumatic direct change

Item no. **10303048-01**

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

Bearings

| | |
|---------------------------|------------------|
| Hybrid ball bearing (pcs) | 3 |
| Lifetime lubricated | maintenance free |

Motor

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

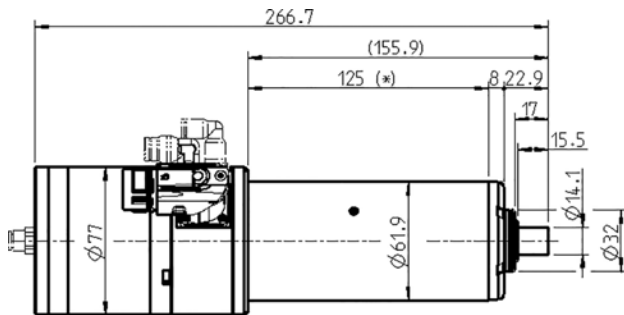
Power values

Liquid cooled

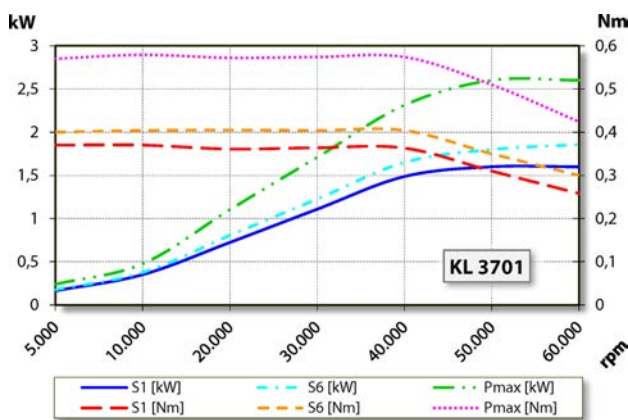
| | Pmax./5s | S6-60% | S1-100% | |
|-------------|----------|--------|---------|------|
| Rated power | 2,6 | 1,9 | 1,6 | [kW] |
| Torque | 0,579 | 0,405 | 0,37 | [Nm] |
| Voltage | 185 | 185 | 185 | [V] |
| Current | 15,5 | 10,9 | 10,3 | [A] |

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Dimensions



Performance Diagram

Liquid cooled

Measurement of power is funded by in-house testing.

Characteristics

| | |
|--|------------------------------|
| Motor protection | PTC 130°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 |
| Blow air through collet during tool change | |
| Tool change | Pneumatic direct change |
| Collet type | 8/5° Optional accessories |
| Clamping range up to | 6 mm (1/4") |
| Clockwise | |
| Coupler plug | 8-pin (SpeedTEC) |
| Weight | ~ 4,6 kg |
| Inner taper run out | < 1 μ |