



## **Z62-D360.53 S5AM**

## Pneumatic direct change

Item no. 10303037

Hybrid ball bearing (pcs)

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

## **Bearings**

· - ·	
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

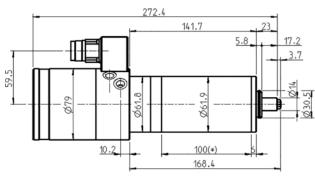
	Pmax./5s	S6-60%	S1-100%	
Rated power	2,5	1,4	1,2	[kW]
Torque	0,48	0,24	0,22	[Nm]
Voltage	249	211	206	[V]
Current	11	6,5	6	[A]



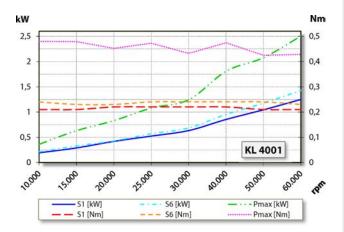


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Dimensions



# Performance Diagram Liquid cooled

Weight

Inner taper run out

Measurement of power is funded by in-house testing.

#### **Characteristics** Differential magneto resistor Speed sensor Number of signals = 6 PTC 160°C Motor protection Stainless steel Housing Housing diameter 61,9 mm Cooling Liquid cooled Ambient temperature + 10°C ... + 45°C Sealing air Protection category IP54 (sealing air turned on) Blow air through collet during tool change **ESD** protection Tool change Pneumatic direct change Collet type 8/5° Clamping range up to 6 mm (1/4") Clockwise Coupler plug 9-pin (SpeedTEC)



~ 4 kg

 $< 1 \,\mu$