



S62-M280.07 S5

Manual tool change

Item no. **10502017**

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 (no brushes or sensors)
Frequency	1.333 Hz
Motor poles (pairs)	1
Rated rotation speed	80.000 rpm
Acceleration/braking value Per second	10 000 rpm (other values by consultation)

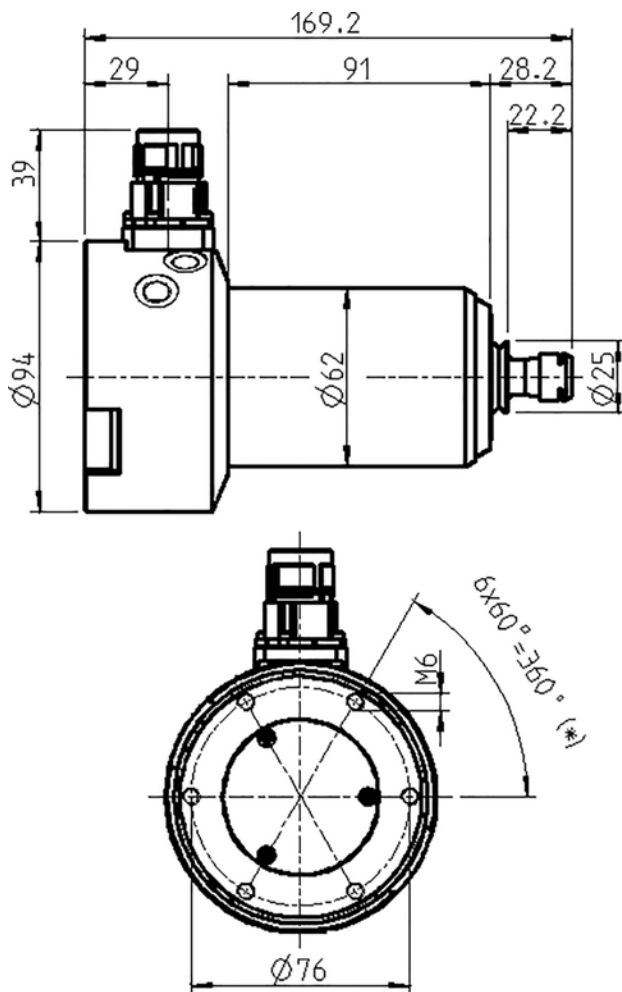
Power values

Liquid cooled

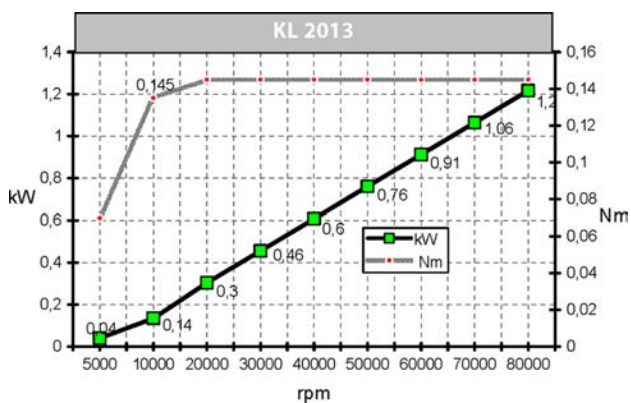
	Pmax./5s	S6-60%	S1-100%
Rated power	1,2		[kW]
Torque			[Nm]
Voltage	81		[V]
Current	7		[A]

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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) Number of signals = 6
Motor protection	PTC 160°C
Housing	Stainless steel/aluminium
Housing diameter	62 mm
Mount	taper adapter
Cooling	Liquid cooled
Ambient temperature	+ 10°C ... + 45°C
Sealing air	
Protection category (sealing air turned on)	IP54
Tool change	Manual tool change
Collet type	ER 11
Clamping range up to	7 mm (9/32")
Clockwise	
Coupler plug	9-pin (SpeedTEC)
Weight (without taper)	~ 3,4 kg
Inner taper run out	< 1 µ