

## C80-M430.03 S15

### Manual tool change

Item no. **11205008**

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

### Bearings

Steel ball bearing (pcs)	2
Lifetime lubricated	maintenance free

### Motor

Motor technology	3-phase asynchronous drive (no brushes or sensors)
Frequency	500 Hz
Motor poles (pairs)	1
Rated rotation speed	30.000 rpm
Acceleration/braking value Per second	10 000 rpm (other values by consultation)

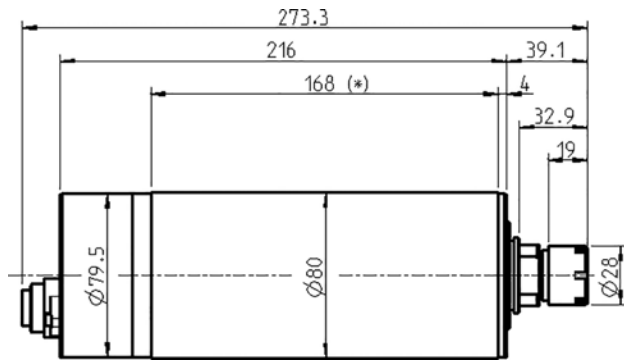
### Power values

Liquid cooled

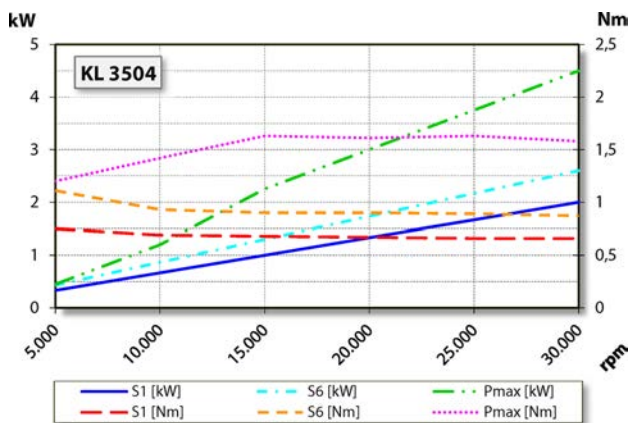
	Pmax./5s	S6-60%	S1-100%	
Rated power	4,5	2,6	2	[kW]
Torque	1,63	1,11	0,75	[Nm]
Voltage	200	200	200	[V]
Current	20	11	8,9	[A]

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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	80 mm
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 20
Clamping range up to	Optional accessories 13 mm (33/64")
Clockwise	
Coupler plug	7-pin (Amphenol C16-1)
Weight	~ 5,5 kg
Inner taper run out	< 2 μ