



## Z62-K360.12 S4AG1IP

### Pneumatic taper change

Item no. **10403012**

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	1.000 Hz
Motor poles (pairs)	1
Rated rotation speed	60.000 rpm
Acceleration/braking value Per second	10 000 rpm (other values by consultation)

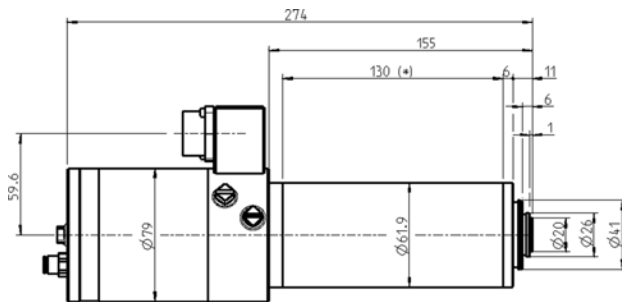
#### Power values

Liquid cooled

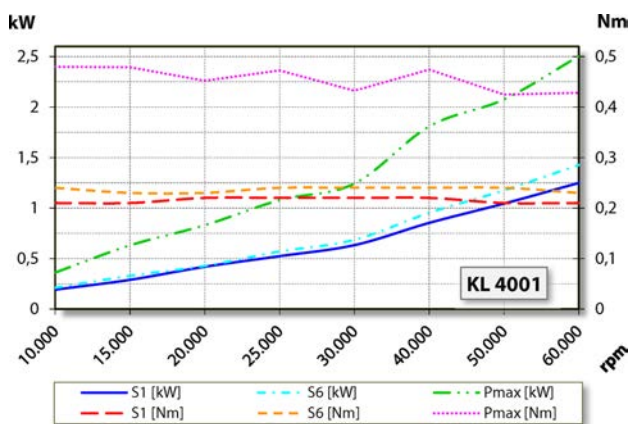
	Pmax./5s	S6-60%	S1-100%	
Rated power	2,5	1,4	1,2	[kW]
Torque	0,48	0,24	0,22	[Nm]
Voltage	249	211	206	[V]
Current	11	6,5	6	[A]

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Dimensions



Performance Diagram  
Liquid cooled

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
Housing diameter	61,9 mm
Cooling	Liquid cooled
Ambient temperature	+ 10°C ... + 45°C
Sealing air	
Protection category (sealing air turned on)	IP66
Taper cleaning	
ESD protection	
Tool change	Pneumatic taper change
Tool Holder	WK 16
Collet type	D6
	Optional accessories
Clamping range up to	6 mm (1/4" )
Clockwise	
Coupler plug	9-pin plastic
Weight	~ 4,2 kg
Inner taper run out	< 1 μ
Axial run-out	< 1 μ