



Z62-K460.01 S19AW2/1

Pneumatic taper change

Item no. **10404241**

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

Bearings

Hybrid ball bearing (pcs)	4
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)

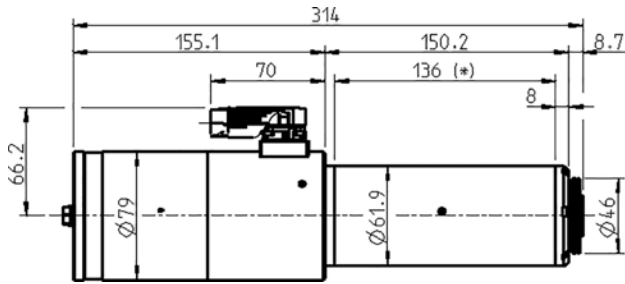
Power values

Liquid cooled

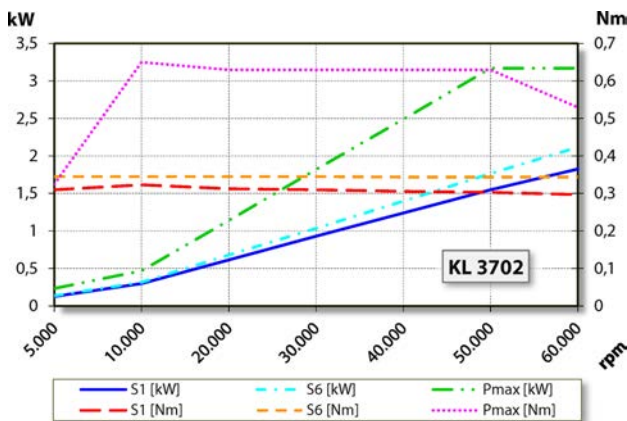
	Pmax./5s	S6-60%	S1-100%	
Rated power	3,2	2,1	1,8	[kW]
Torque	0,65	0,345	0,323	[Nm]
Voltage	185	188	188	[V]
Current	16	10,5	9,1	[A]

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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 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
Taper cleaning	
ESD protection	
Tool change	Pneumatic taper change
Tool Holder	WK 16
Tool change monitoring	inductive
1 position	clamped
Collet type	ER 11 / D 8
	Optional accessories
Clamping range up to	8 mm (5/16")
Clockwise and anticlockwise	
Coupler plug	Y-TEC 9-pin (motor phases) 12-pin (sensors)
Weight	~ 6,6 kg
Inner taper run out	< 1 µ
Axial run-out	< 1 µ