



ARS42-M120.03 K04S25

Manual tool change

Item no. **10201044**

HF-Spindle for dressing of grinding wheels

Bearings

Hybrid ball bearing (pcs)	2
Lifetime lubricated	maintenance free

Motor

Motor technology	3-phase asynchronous drive (no brushes or sensors)
Frequency	333 Hz
Motor poles (pairs)	1
Rated rotation speed	20.000 rpm
Acceleration/braking value Per second	10 000 rpm (other values by consultation)

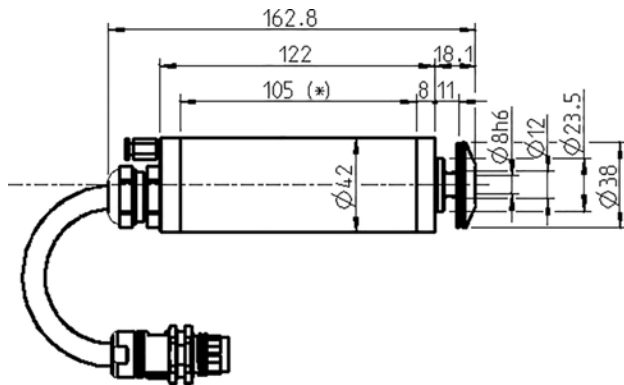
Power values

Uncooled

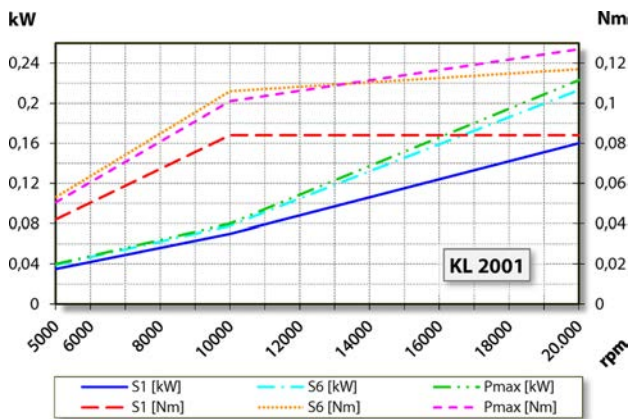
	Pmax./5s	S6-60%	S1-100%	
Rated power	0,22	0,21	0,16	[kW]
Torque	0,127	0,117	0,084	[Nm]
Voltage	33	35	35	[V]
Current	7	6,5	5	[A]

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Dimensions



Performance Diagram

Uncooled

Measurement of power is funded by in-house testing.

Characteristics

Motor protection	PTC 160°C
Housing	Aluminium
Housing diameter	42 mm
Cooling	Uncooled
Heat dissipation	Via the spindle holder
Housing temperature	< + 45° C
Ambient temperature	+ 10°C ... + 45°C
Sealing air	
Protection category (sealing air turned on)	IP54
Tool change	Manual tool change
Tool Holder	disc tool maximum dia. 40 mm maximum t = 2,5 mm
Clamping range	Ø 8h6 - M4
Clockwise	
Coupler plug	7-pin (SpeedTEC) Cable length 0,4 m
Weight	~ 1 kg
Axial run-out of mounting surface	< 1 µ