

ARS42-M120.02 S2

Manual tool change

Item no. **10201040**

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)

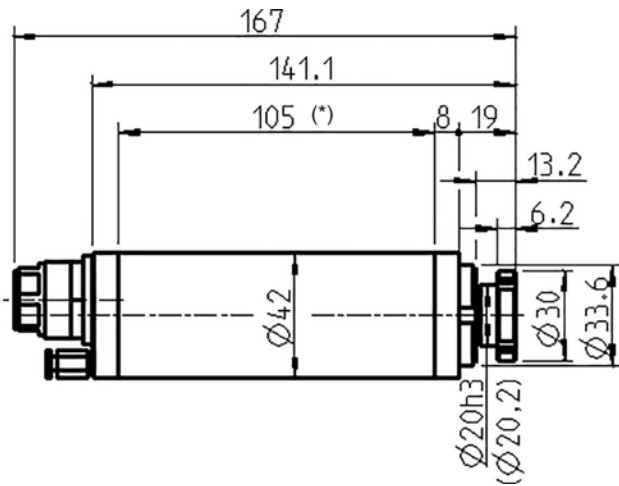
Power values

Uncooled

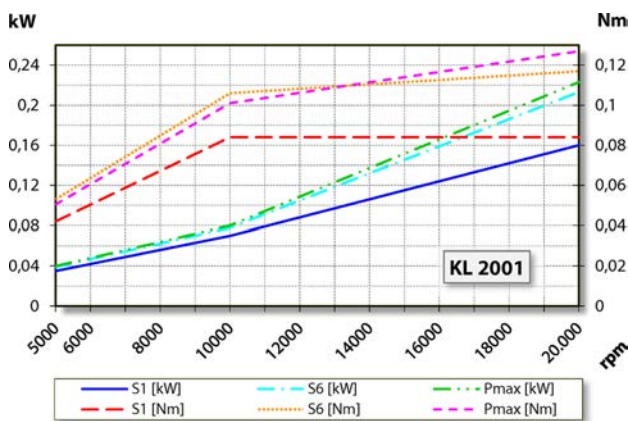
	Pmax./5s	S6-60%	S1-100%	
Rated power	0,22	0,21	0,16	[kW]
Torque	0,127	0,117	0,084	[Nm]
Voltage	33	35	35	[V]
Current	7	6,5	5	[A]

ARS42-M120.02 S2

Manual tool change
Item no. **10201040**



Dimensions



Performance Diagram

Uncooled

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	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 Disc tool
Tool mount	dia. 20 mm t = 5 - 6 mm
Clockwise	
Coupler plug	7-pin plastic
Weight	~ 1 kg
Axial run-out of mounting surface	< 1 μ