



## 33-1 W03 S

### Manual tool change

Item no. **10200001**

HF-Spindle for dressing of grinding wheels

### Bearings

Steel 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	10.000 rpm
Per second	(other values by consultation)

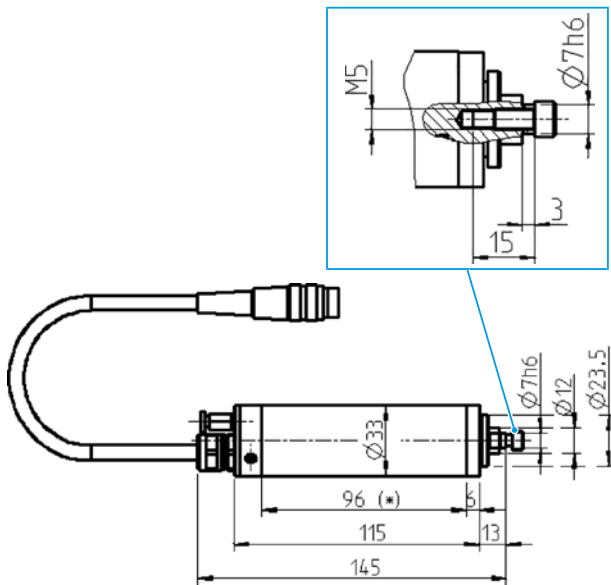
### Power values

Uncooled

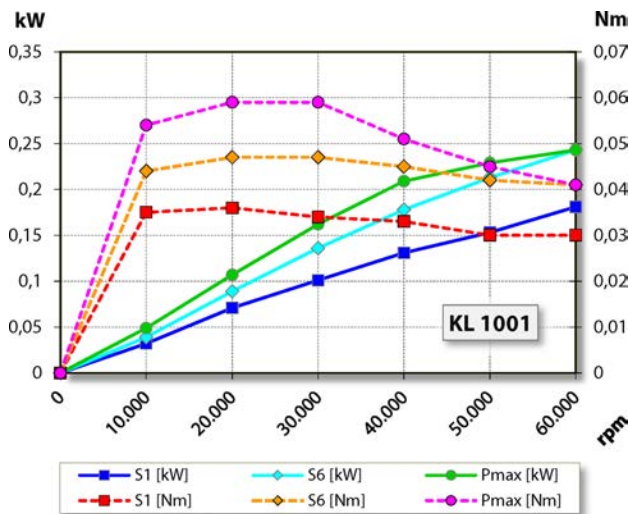
	Pmax / 5 s	S6-60%	S1-100%	
<b>Rated power</b>	0,24	0,24	0,18	[kW]
<b>Voltage</b>	46	46	44	[V]
<b>Current</b>	6,5	6,5	5,5	[A]

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Dimensions



Performance Diagram

Uncooled

Measurement of power is funded by in-house testing.

**Characteristics**

Housing	Aluminium
Housing diameter	33 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	Grinding wheel maximum dia. 20 mm maximum t = 5 - 6 mm
Clamping range	Ø 7h6 - M5
Clockwise	
Coupler plug	3-pin (Amphenol C 091 A) Cable length 3 m
Weight	~ 0,65 kg
Axial run-out of mounting surface	< 1 µ