



Chopper 230 H

Manual tool change

Item no. **11201001**

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

Bearings

Steel ball bearing (pcs)	2
Lifetime lubricated	maintenance free

Motor

Motor technology	3-phase asynchronous drive (no brushes or sensors)
Frequency	833 Hz
Motor poles (pairs)	1
Rated rotation speed	50.000 rpm
Acceleration/braking value Per second	10 000 rpm (other values by consultation)

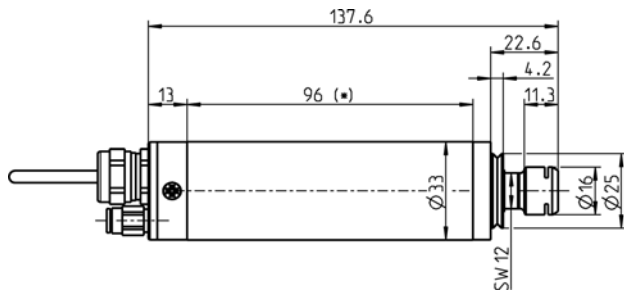
Power values

Uncooled

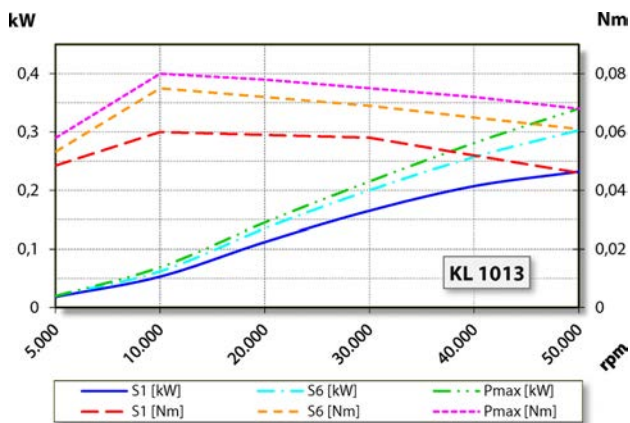
	Pmax./5s	S6-60%	S1-100%	
Rated power	0,34	0,3	0,23	[kW]
Torque	0,08	0,075	0,06	[Nm]
Voltage	40	40	37	[V]
Current	8,6	7,9	7	[A]

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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
Collet type	ER 11
Optional accessories	
Clamping range up to	7 mm (9/32")
Clockwise	
Connection	Cable length 3 m
Weight	~ 0,5 kg
Inner taper run out	< 1 μ