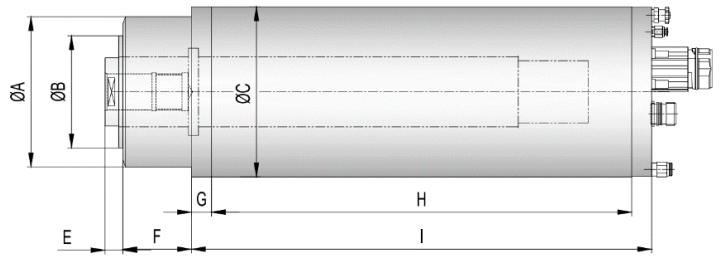
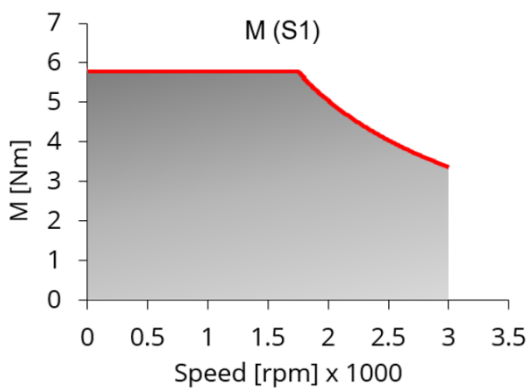
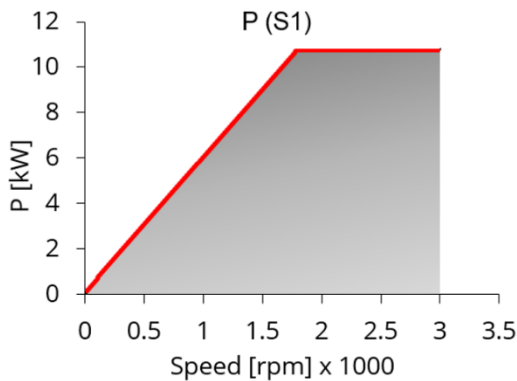
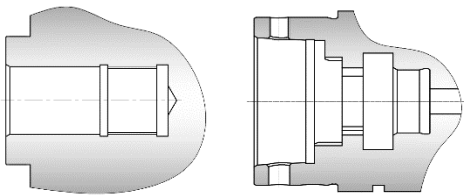


HSM060 30/13

Internal grinding spindle



Tool interface / upon request



Technical data

Front spindle housing - \varnothing	A	[mm]
	B	[mm]
Main spindle housing - \varnothing	C	[mm]
Total spindle length (E+F+I)		[mm]
Nominal speed	n_{nom}	[rpm]
Maximum speed	n_{max}	[rpm]
Tool interface		
Cylindrical housing		
Housing with flange		
Block housing		
Sealing air with labyrinth		
Coolant feed trough shaft		

HSM060 30/13

120
80
120
380
17 500
29 300
Upon request
Standard
Optional
Upon request
Standard
Upon request

Power/torque characteristic

Values at nominal speed		
Power	P_{s1}	[kW]
Torque	M_{s1}	[Nm]
Voltage	U	[V]
Current	I	[A]
Values at maximum speed		
Power	P_{s1}	[kW]
Torque	M_{s1}	[Nm]
Voltage	U	[V]
Current	I	[A]

11,5
6,3
276
41
11
3,6
350
29

Electrical connection

Plug type		
Speed sensor		
Rotary encoder		
Temperature sensor		
Vibration sensor		

Straight / angled
Upon request
Upon request
Upon request
Upon request

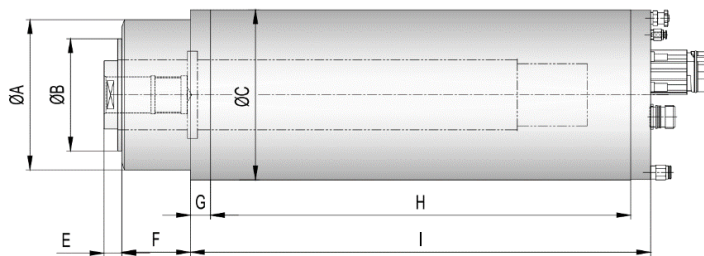
Special sensors

Spindle shaft displacement		
Data logger		

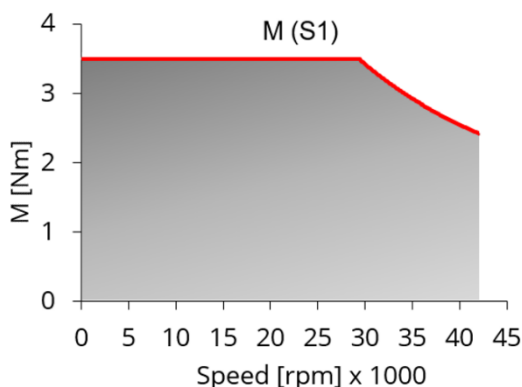
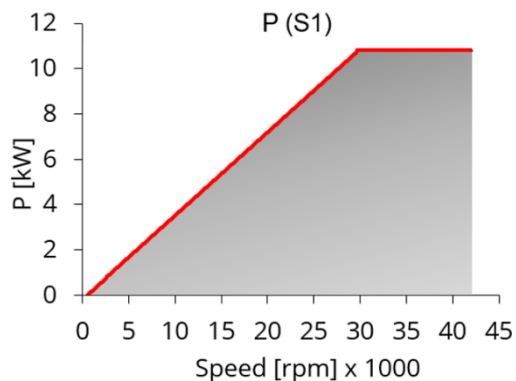
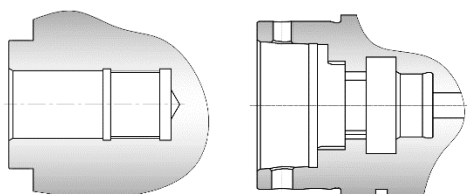
Upon request
Upon request

HSM060 42/12

Internal grinding spindle



Tool interface / upon request



Technical data

Front spindle housing - Ø	A	[mm]
	B	[mm]
Main spindle housing - Ø	C	[mm]
Total spindle length (E+F+I)		[mm]
Nominal speed	n_{nom}	[rpm]
Maximum speed	n_{max}	[rpm]
Tool interface		
Cylindrical housing		
Housing with flange		
Block housing		
Sealing air with labyrinth		
Coolant feed trough shaft		

HSM060 42/12

100
80
120
330
29 600
41 500
Upon request
Standard
Optional
Upon request
Standard
Upon request

Power/torque characteristic

Values at nominal speed		
Power	P_{s1}	[kW]
Torque	M_{s1}	[Nm]
Voltage	U	[V]
Current	I	[A]
Values at maximum speed		
Power	P_{s1}	[kW]
Torque	M_{s1}	[Nm]
Voltage	U	[V]
Current	I	[A]

11
3,5
350
26
11
2,5
350
25

Electrical connection

Plug type		
Speed sensor		
Rotary encoder		
Temperature sensor		
Vibration sensor		

Straight / angled
Upon request
Upon request
Upon request
Upon request

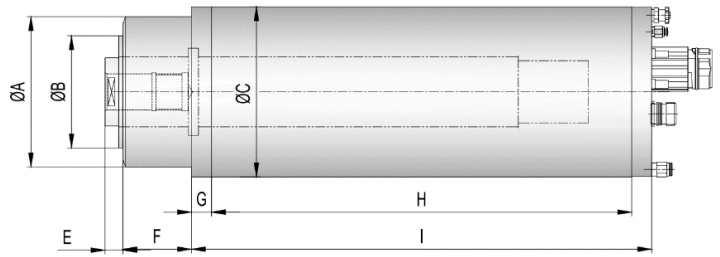
Special sensors

Spindle shaft displacement		
Data logger		

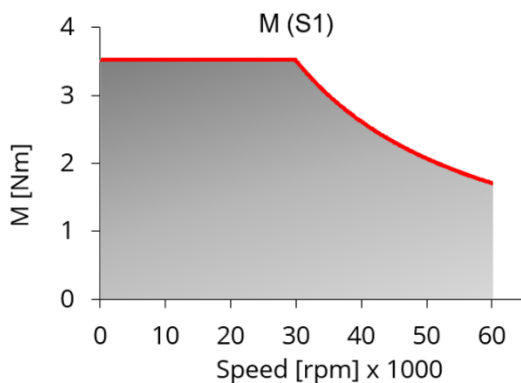
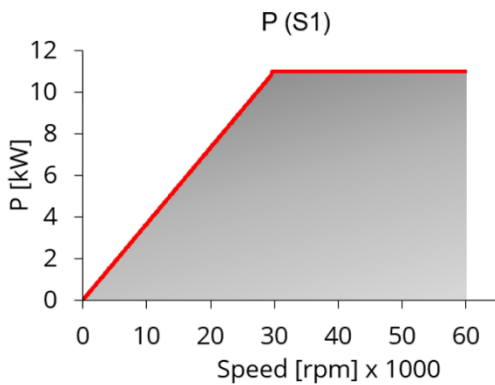
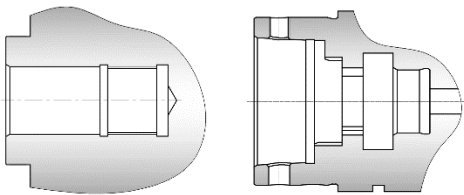
Upon request
Upon request

HSM060 60/13

Internal grinding spindle



Tool interface / upon request



Technical data

Front spindle housing - Ø	A	[mm]
	B	[mm]
Main spindle housing - Ø	C	[mm]
Total spindle length (E+F+I)		[mm]
Nominal speed	n_{nom}	[rpm]
Maximum speed	n_{max}	[rpm]
Tool interface		
Cylindrical housing		
Housing with flange		
Block housing		
Sealing air with labyrinth		
Coolant feed trough shaft		

HSM060 60/13

100
80
120
350
29 600
59 400
Upon request
Standard
Optional
Upon request
Standard
Upon request

Power/torque characteristic

Values at nominal speed		
Power	P_{s1}	[kW]
Torque	M_{s1}	[Nm]
Voltage	U	[V]
Current	I	[A]
Values at maximum speed		
Power	P_{s1}	[kW]
Torque	M_{s1}	[Nm]
Voltage	U	[V]
Current	I	[A]

11
3,5
309
30
11
1,8
350
26

Electrical connection

Plug type		
Speed sensor		
Rotary encoder		
Temperature sensor		
Vibration sensor		

Straight / angled
Upon request
Upon request
Upon request
Upon request

Special sensors

Spindle shaft displacement		
Data logger		

Upon request
Upon request