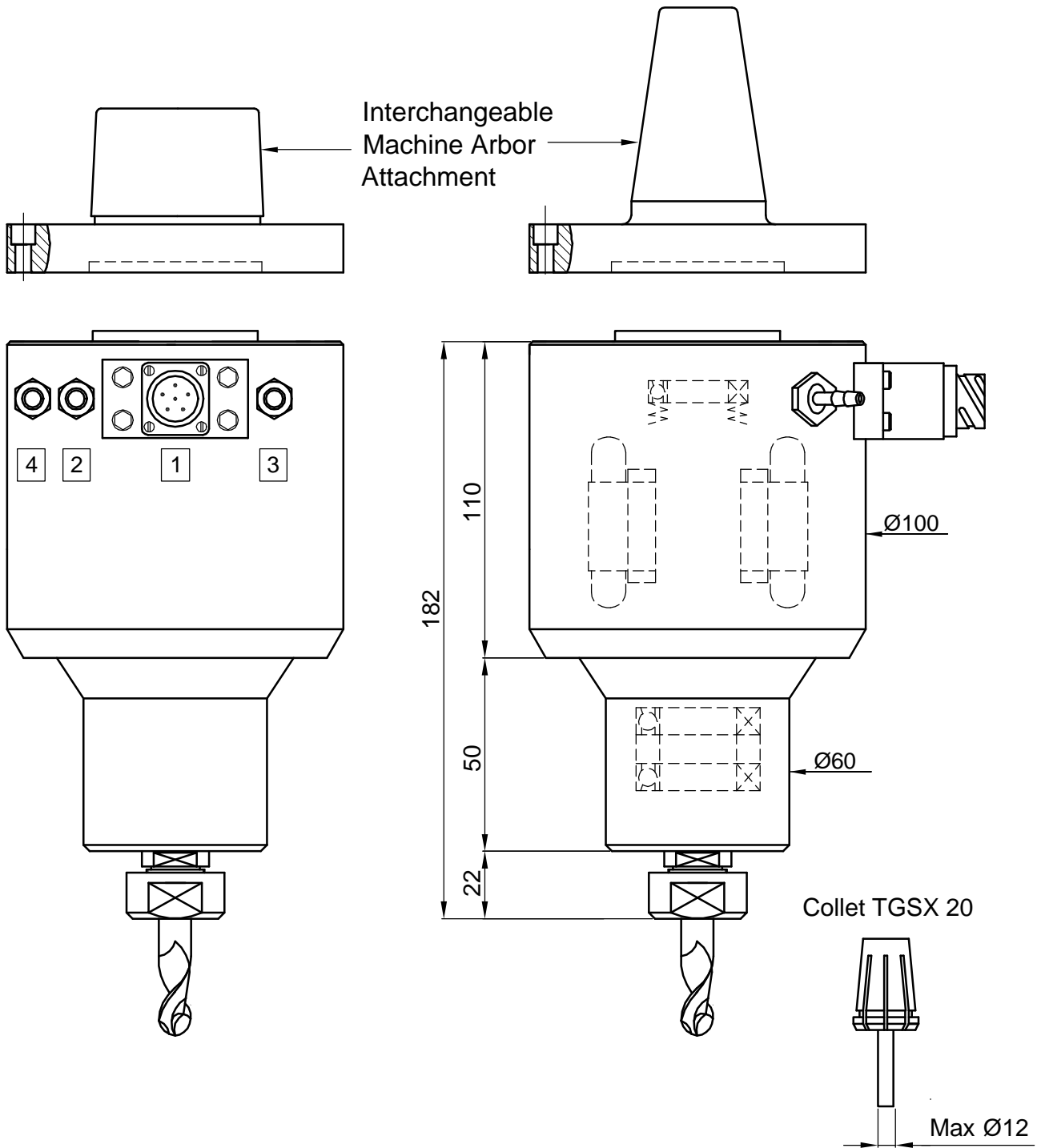




FAEMAT

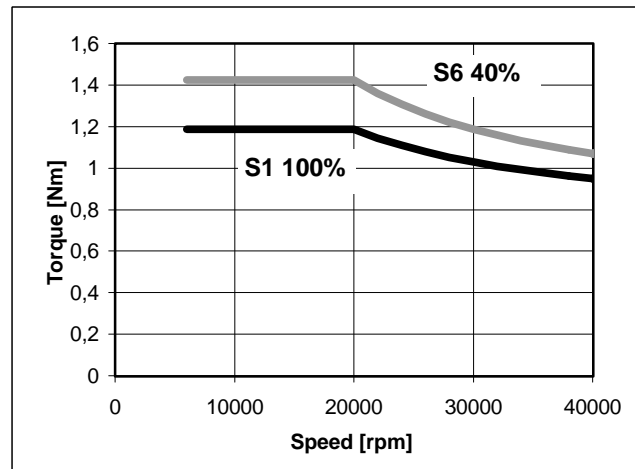
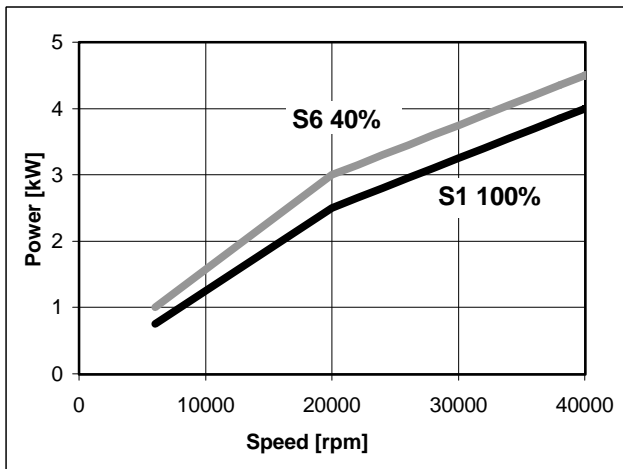
Milling Electrospindle Type FA 80 CSL



SPEED	RPM	20000	40000
FREQUENCY	Hz	333	667
POWER(S1)	KW	2.5	4
TORQUE	Nm	1.2	1
VOLTAGE	V	190	350
CURRENT	A	10.8	8.6

1	Motor connector Motor phases Earth Thermal Switch N.C.
2	Coolant inlet
3	Coolant outlet
4	Continuous inlet filtered air 0.5 MICRON for pressurization (1-1.5 bar MAX)

Torque & Power Diagram



Technical data-sheet

PERFORMANCE	
Max speed	40000 rpm
Power (S1)	4 KW
Power (S6-40%)	4,5 KW
Max torque	1,2 Nm (S1) - 1,5 Nm (S6-40%)
Front-side bearings diameter	25 mm
Axial stiffness	160 N/ μ m
Radial stiffness	80 N/ μ m
Collet Type	TGSX 20
Tool Diameter	From ϕ 0,75 to ϕ 12
Weight	7,5 Kg

SERVICES	
Voltage	350 V Three-Phases
Pressurization	Front Side
Clamping system	Manual
Bearings lubrication	Grease
Type of bearings	High precision hybrid ceramic bearings
Motor technology	Integrated Asynchronous motor
Spindle cooling	Water and Oil
Motor's thermal sensor	Thermal Switch N.C.
Machine Arbor Attachment	ISO 30 - ISO 40 DIN 69871 BT 30 - BT 40 HSK A40 - A 50 DIN 69893 Other arbors upon request