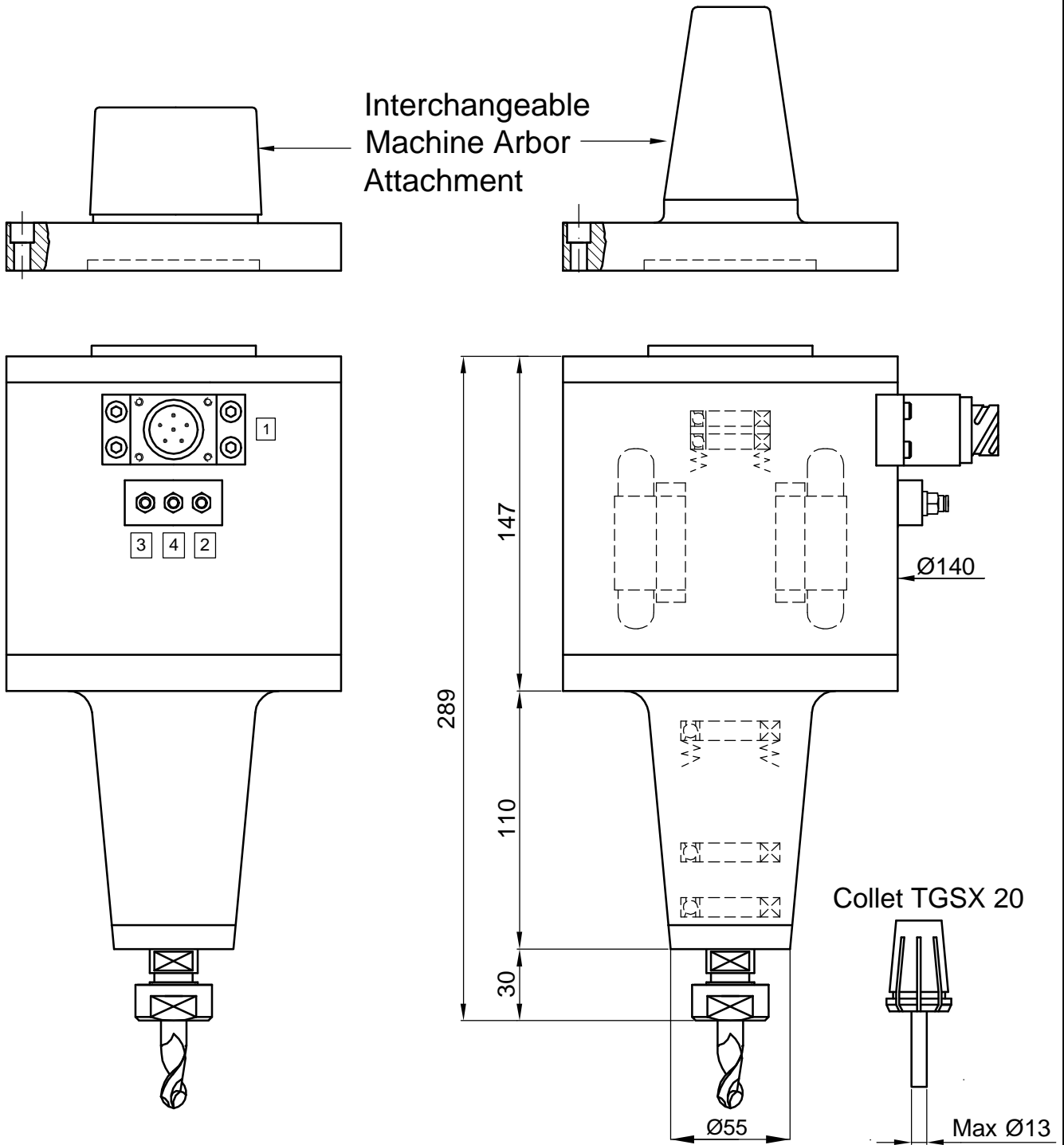




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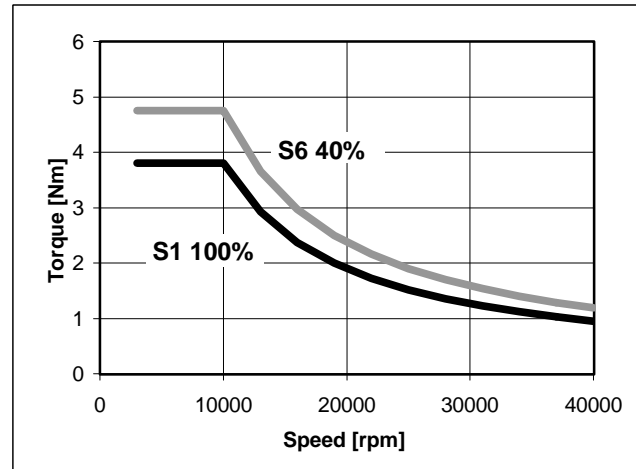
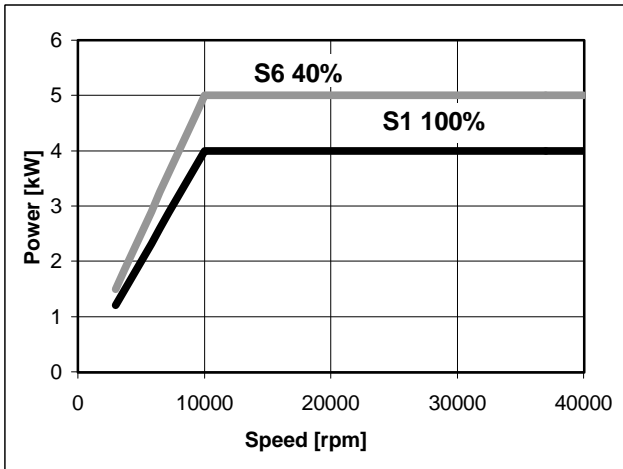
Milling Electrospindle Type FA 80 HSLB



SPEED	RPM	3000	10000	40000
FREQUENCY	Hz	100	334	1333
POWER(S1)	KW	1,5	4	4
TORQUE	Nm	4,8	3.8	0.95
VOLTAGE	V	90	270	350
CURRENT	A	11.7	11.7	9.3

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 from 10000 rpm
	Power (S6-40%)	5 KW from 10000 rpm
	Max Tourque	3,8 Nm (S1) - 4,8 Nm (S6-40%)
	Front-side bearings diameter	25 mm
	Axial stiffness	350 N/μm
	Radial stiffness	200 N/μm
	Collet Type	TGSX 20
	Tool Diameter	From φ0,75 to φ12
	Weight	15 Kg

SERVICES	Voltage	350 V Three-Phases
	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 40 - ISO 50 DIN 69871 BT 40 - BT 50 HSK A50 - A63 DIN 69893 Other arbors upon request