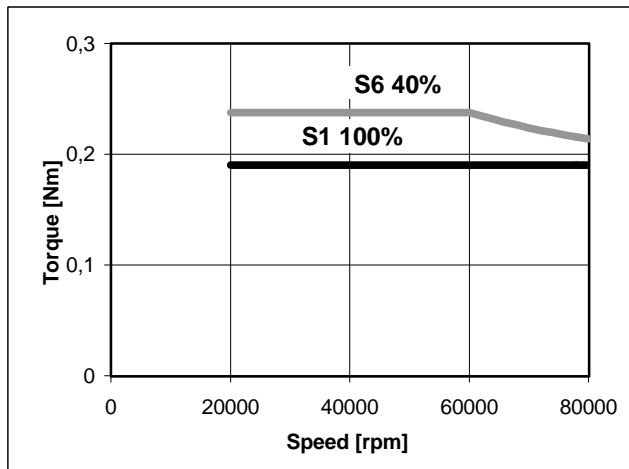
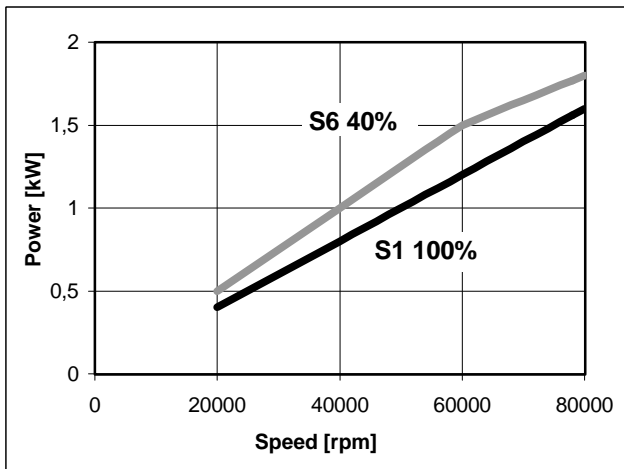


SPEED	RPM	40000	60000	80000
FREQUENCY	Hz	667	1000	1334
POWER (S1)	KW	0.8	1.2	1.6
TORQUE	Nm	0.2	0.2	0.2
VOLTAGE	V	115	168	220
CURRENT	A	6.5	6.5	6.5

1	Motor connector Motor phases Earth Thermal Switch N.C.
2	Coolant inlet
3	Coolant outlet
4	Front bearings air-oil inlet lubrication
5	Rear bearings air-oil inlet lubrication

Torque & Power Diagram



Technical data-sheet

PERFORMANCE	Max speed	80000 rpm
	Power (S1)	1,6 KW at 80000 rpm
	Power (S6-40%)	1,8 KW from 60000 to 80000 rpm
	Max torque	0,2 Nm (S1) - 0,3 Nm (S6-40%)
	Front-side bearings diameter	15 mm
	Axial stiffness	100 N/ μ m
	Radial stiffness	60 N/ μ m
	Collet type	TGSX 12
	Tool Diameter	From ϕ 0,6 to ϕ 6
	Weight	3 Kg

SERVICES	Voltage	220 V Three-Phases
	Clamping system	Manual
	Bearings lubrication	Oil-Air minimal lubrication system
	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 - A50 DIN 69893 Other arbors upon request