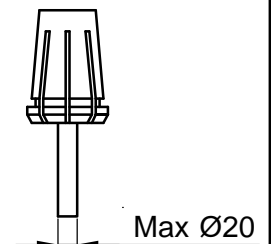


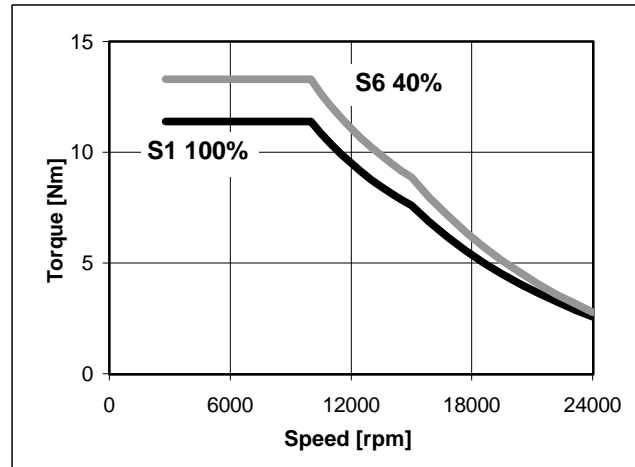
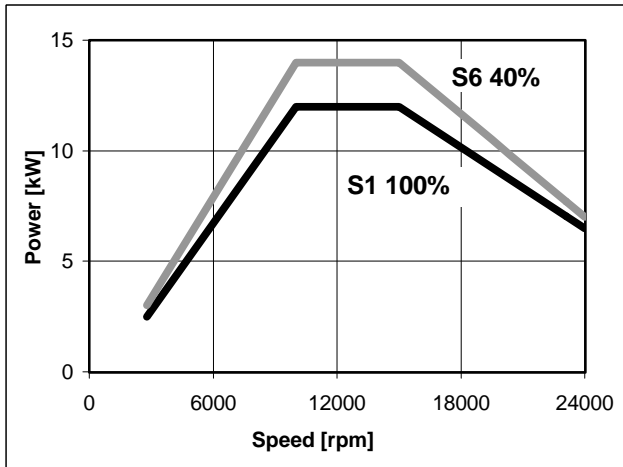
Collet TGSX 32



SPEED	RPM	3000	10000	24000
FREQUENCY	Hz	100	333	800
POWER (S1)	KW	3.5	12	6.5
TORQUE	Nm	11	11	3
VOLTAGE	V	100	320	350
CURRENT	A	30	32	15

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

<b>PERFORMANCE</b>	Max speed	24000 rpm
	Power (S1)	12 KW from 10000 to 15000 rpm
	Power (S6-40%)	14 KW from 10000 to 15000 rpm
	Max torque	11 Nm (S1) - 13 Nm (S6-40%)
	Front-side bearings diameter	45 mm
	Axial stiffness	270 N/ $\mu$ m
	Radial stiffness	130 N/ $\mu$ m
	Collet Type	TGSX 32
	Tool Diameter	From $\phi$ 1 to $\phi$ 20 mm
	Weight	28 Kg

<b>SERVICES</b>	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.
	Taper Shaks	ISO 40 - ISO 50 DIN 69871 BT 40 - BT 50 HSK A63 - A80 DIN 69893 Other arbors upon request