



MAINTAIN THE SPINDLE OF HIGH PRECISION MACHINING

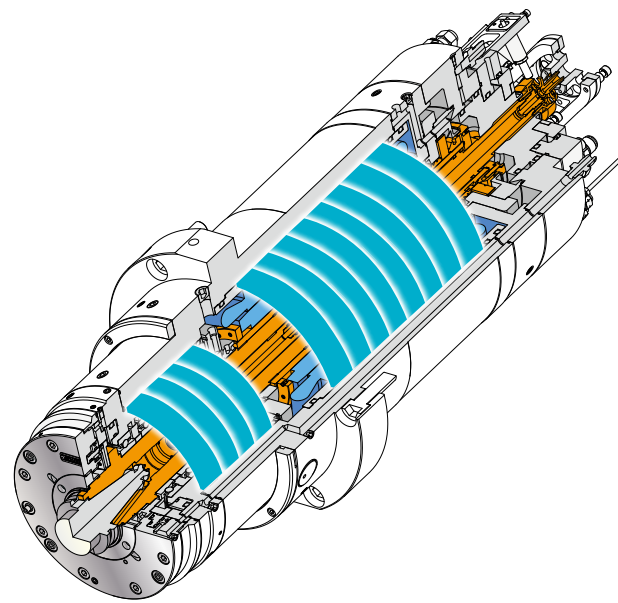


Master Core Technology, Independent R & D Spindle

CATO masters core technology, has the capability of spindle design, manufacturing and assembly, has a constant temperature workshop of 1000m², adopts modular lean production mode. CATO spindle has high rigidity, high speed, high power, high torque and high. Reliability and other characteristics.



The self-developed HSK E40/HSK A63/HSK A100 built-in spindle. Eliminates jitter and vibration in the range of spindle rotation, and achieves stable accuracy in high-speed long-time machining. The spindle uses forced cooling to cool the motor and front and rear bearings.



■ Built in motor structure

By eliminating the driving gear, the high-speed rotation can be minimized. It can improve the accuracy of machining surface and prolong the life of cutter.

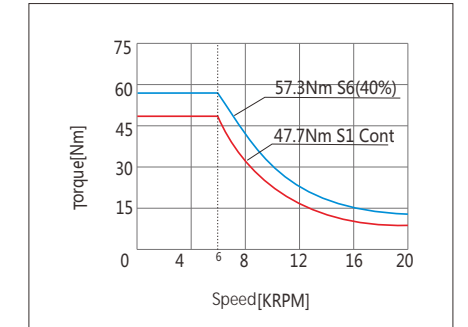
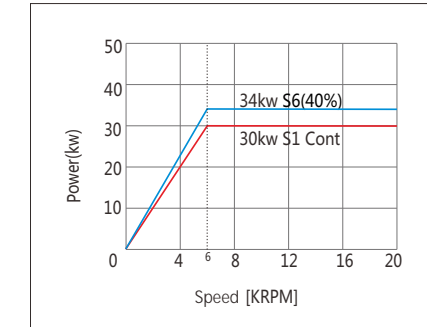
■ Spindle temperature management

By circulating the temperature managed cooling oil, the thermal displacement of the spindle caused by heating can prevent the change of machining accuracy.

■ A5

20000rpm-HSK A63

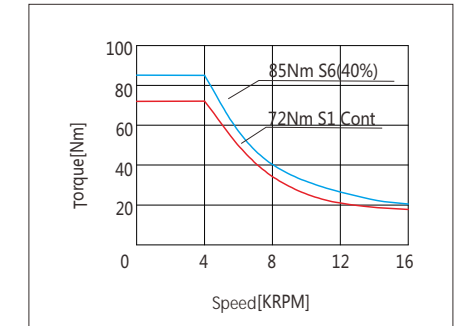
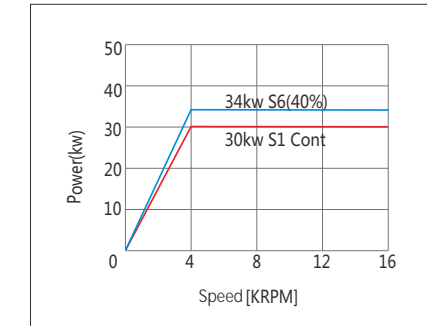
Output Power	Continuous (S1)	30 KW
	S6 (40%)	34 KW
Speed	Rated Value	6000 rpm
	Max. Value	20000 rpm
Torque	Rated Torque	47.7 Nm
	Max. Torque	57.3 Nm



■ A8、A13

16000rpm-HSK A63

Output Power	Continuous (S1)	30 KW
	S6 (40%)	34 KW
Speed	Rated Value	4000 rpm
	Max. Value	16000 rpm
Torque	Rated Torque	72 Nm
	Max. Torque	85 Nm



■ A15L、A20L、A25L

8000rpm-HSK A100

Output Power	Continuous (S1)	31.4 KW
	S6 (40%)	49.2KW
Speed	Rated Value	2000 rpm
	Max. Value	8000 rpm
Torque	Rated Torque	150 Nm
	Max. Torque	235Nm

