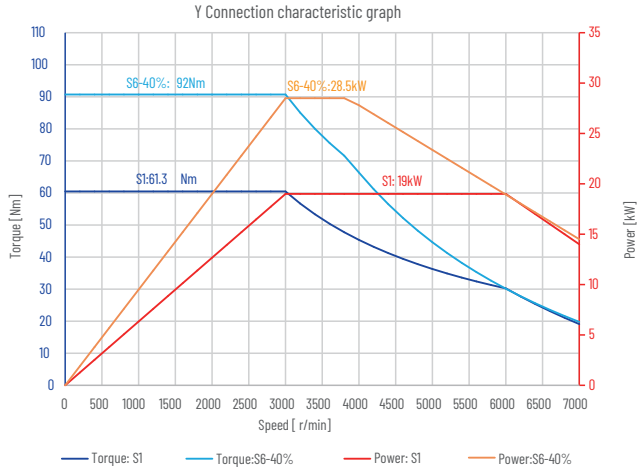
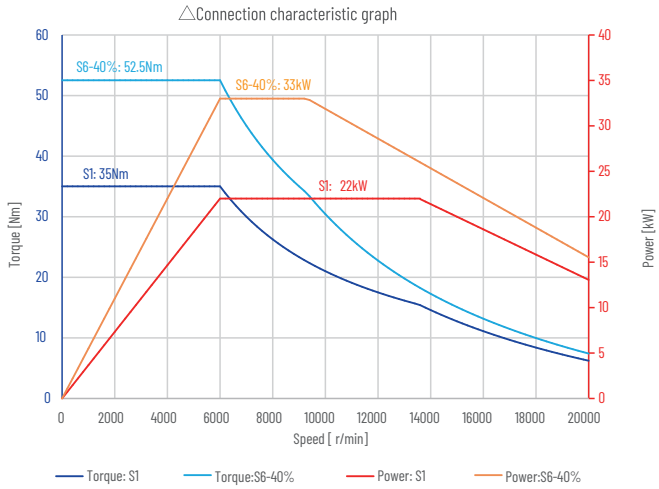
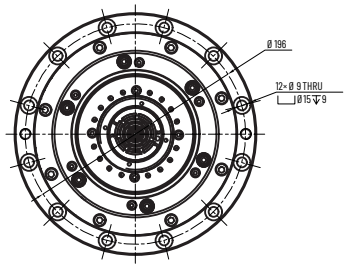
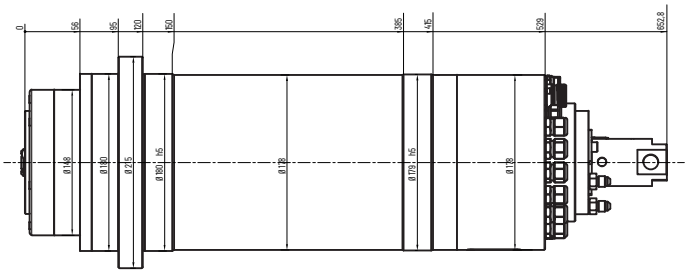
HPC-180-18000-22-HSK

HIGH PERFORMANCE CUTTING SPINDLE

HPC motorspindles are specifically designed for a wide variety of operations. From powerful roughing resulting in large chip removal rates to low vibration during finishing, this spindle has been optimized to achieve its impressive performance.

DIAMETER	Ø180mm
LENGTH	653mm
TOOL INTERFACE	HSK-A63
MAX. SPEED	Grease:18,000rpm
MOTOR TECHNOLOGY	Asynchronous motor
POWER S1-100%	22kW
POWER S6-40%(2 MIN)	33kW
TORQUE S1-100%	61.3N.m
TORQUE S6-40%(2 MIN)	90.7N.m
SPINDLE COOLING	Water
COOLANT THROUGH SHAFT	Water / Oil mist
ENCODER	Sin/cos, 1 Vpp
THERMISTOR IN COIL	KTY84-130
THERMISTOR FOR BEARINGS	PT100
VIBRATION SENSOR	Non-supported
SPINDLE GROWTH SYSTEM	Optional
TURNING	Non-supported
WEIGHT	83kg