

PRS-062-60000-0.9B

PCB SPINDLES SERIES

Spindles specifically designed for drilling or routing. They deliver smooth, precise rotation for excellent machining results paired with maximum tool and spindle life even when working thick and hard boards. Optimized motor design allows for higher efficiency and torque which ups productivity by a large quantum. At the same time energy and air consumption are reduced to low levels.

DIAMETER	Ø61.92mm
THE HIGHEST SPEED	60,000rpm
TOOL INTERFACE	B005 draw-in collet
BEARING TYPE	Ceramic ball bearing
MAX. FREQUENCY	1,000Hz
MOTOR SYSTEM	Asynchronous
THE RATED VOLTAGE	200V
POWER OUTPUT S1 100%	0.9kW
POWER OUTPUT S6 40%	1.2kW
OUTPUT TORQUE S1 100%	0.15N.m
OUTPUT TORQUE S6 40%	0.19N.m
RATED CURRENT S1 100%	3.5A
RATED CURRENT S6 40%	4.2A
AIR SEAL GAS FLOW RATE	50-70L/min(Air pressure 0.25MPa)
COOLING SYSTEM	Water cooling
THE COOLING FLOW RATE	≥1.6L/min
MOTOR TEMPERATURE SENSOR TYPE	PTC
TOOL CHANGE	Cylinder
TOOL CHANGE AIR PRESSURE	0.56-0.60MPa
VIBRATION VELOCITY	0.8mm/s
SPEED SENSOR	Yes
WEIGHT	4.24±0.5kg

Motor Power and Torque Diagram

