

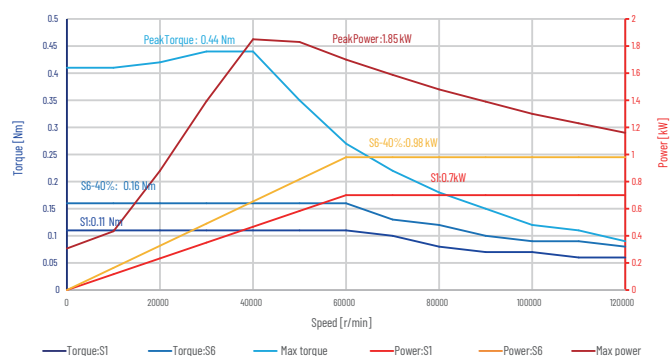
PDS-062-250000-0.75

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.

MAXIMUM SPEED	250000 rpm	
MAXIMUM VOLTAGE	220 V	
RATED POWER	Low winding	0.98 kW
	High winding	1.125 kW
RATED POWER	Low winding	0.16 N·m
	High winding	0.09 N·m
MAXIMUM FREQUENCY	Low winding	2000 Hz
	High winding	4167 Hz
RATED CURRENT	Low winding	4.48 A
	High winding	3.3 A
CHUCK TORQUE	≥165 N·cm	
VIBRATION VALUES	≤0.8 mm/s	
COOLING FORM AND MEDIUM	Inteinal cooling,Water	
COOLING SYSTEM COOLANT FLOW	Water:≥2 L/min (Water pressure 0.2MPa)	
CYLINDER WORKING PRESSURE	0.56~0.60 MPa	
BEARING WORKING PRESSURE	0.6~0.65 MPa	
STATIC RUNOUT	≤2.0 μm	
DYNAMIC RUNOUT	≤8.0 μm	
AIR SYSTEM AIR FLOW	40~48 L/min	
WEIGHT	3.4 kg	

Low-Speed winding Power and Torque Diagram



High-Speed winding Power and Torque Diagram

