PDS-062-200000-0.9

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		200000 rpm
MAXIMUM VOLTAGE		220 V
RATED POWER	Low winding	1.2 kW
	High winding	1.35 kW
RATED POWER	Low winding	0.19 N·m
	High winding	0.11 N·m
MAXIMUM FREQUENCY	Low winding	2000 Hz
	High winding	3333 Hz
RATED CURRENT	Low winding	5.25 A
	High winding	6 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		3.5 kg



High-Speed winding Power and Torque Diagram





