

Product Information

Dicing / Cutting Saw Specs (Comparison)

*1.0 (1.8 , 2.2) kW, A = 1.0 (1.8 , 2.2) kW air spindle

*2.2 kW, M = 2.2 kW mechanical spindle

Machine Name

Spindle layout	Single
Workpiece size	160 X 160
X-axis Cutting range (mm)	192
Cut speed (mm/s)	0.1 - 300
Bearing type	-
Y-axis (Y1-axis and Y2-axis for DFD6340, DFD6361)	
Cutting range (mm)	162
Index step (mm)	0.0002
Single error (mm)	0.003 or less/5
Positioning accuracy (mm)	0.005 or less/160
Scale resolution (mm)	-
Bearing type	-
y-axis (for DFD651,DFD670,DFD691)	
Maximum stroke (mm)	-
Positioning accuracy (mm)	-
Scale resolution (mm)	-
Z-axis Maximum stroke (mm)	28.2 (for ø2" blade)
Moving resolution (mm)	0.0001
Repeating accuracy (mm)	0.001
Maximum blade size (mm)	ø76.2
θ-axis Maximum rotating angle (deg.)	380
Spindle Output (kW)	1.5 at 30,000 min-1
Rated torque (N·m)	0.48
Revolution speed range (min-1)	3,000 - 40,000
Applicable tape frame size	2-5, 2-6
Utilities Power supply	200 V AC ± 10 %, 3-phase
Power consumption	
When processing (kW)	0.6
During warm-up (kW)	0.5
Maximum power (kVA)	3.5
Air pressure (MPa·G)	0.5 - 0.6
Air maximum consumption (L/min(ANR))	162
Clean air pressure (MPa·G)	-
Clean air maximum consumption (L/min(ANR))	-
Cutting water, water curtain and other	
Pressure (MPa·G)	0.3
Maximum flow rate (L/min)	0.2 - 4.0
Cooling water Pressure (MPa·G)	0.3
Flow rate (L/min)	1.5
Exhaust duct capacity (m3/min)	1.5
Machine size (W x D x H) (mm)	500 x 1,050 x 1455
Machine weight (kg)	Approx. 500