

Multi-spindle Type

RBM RBM-160-2

In addition to high-speed indexing with the BallDrive system and high productivity and high quality machining with no backlash, RBM-160 enables simultaneous machining of multiple units, further increases production efficiency.



Specifications

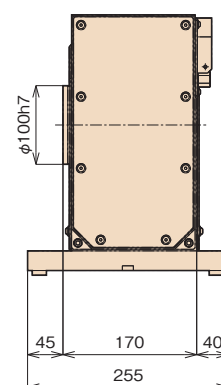
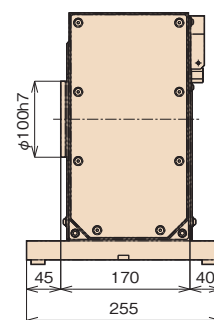
Unit: mm

RBM-160-2		
Handedness	R	○
	L	○
Spindle diameter		φ100h7
Table diameter		φ160 or φ200 (Option)
Distance between spindles		250 (PS) 320 (PL)
Center height (without base plate)		160
Center bore	Nose diameter	φ55H7
	Through-bore	φ40
Guide block width		14 h 7
Servo motors (for FANUC)		αiF8
Number of axis		2-axis
Inertia converted into motor shaft	$\times 10^{-3} \text{kg} \cdot \text{m}^2$	0.87
Net weight	kg	150 (PS) 160 (PL)
Speed reduction ratio		1/36
Table max. rpm	min^{-1} (Motor rpm: $3,000 \text{min}^{-1}$)	83.3
Clamp system		Pneumatic
Clamp torque	N·m / pneumatic pressure 0.49MPa	500
Indexing accuracy (the sum)	sec	15
Allowable work weight	 kg/axis	100
	 N	10,800
Allowable load (when table is clamped)	 N·m	500
	 N·m	780
Allowable work inertia (per single-axis)	$J = \frac{W \cdot D^2}{8}$  $\text{kg} \cdot \text{m}^2$	0.64

CE correspondence model

-  Servo motors of other manufacturers **P.68** When assembling a faceplate or a fixture with the main spindle **P.79**
 Rotary Joint **P.66**

RBM-160R-2,PS



Technical Information