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.

RBM-160R-2,PS

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		14h7
Servo motors (for FANUC)		αiF8
Number of axis		2-axis
Inertia converted into motor shaft	$\times 10^{-3}$kg·m^2	0.87
Net weight	kg	150 (PS) 160 (PL)
Speed reduction ratio		1/36
Table max. rpm (Motor rpm: 3,000min^{-1})	min^{-1}	83.3
Clamp system		Pneumatic
Clamp torque ／pneumatic pressure 0.49MPa	N·m	500
Indexing accuracy (the sum)	sec	15
Allowable work weight	kg/axis	100
Allowable load (when table is clamped)	N	10,800
	N·m	500
	N·m	780
Allowable work inertia (per single-axis)	kg·m^2	0.64

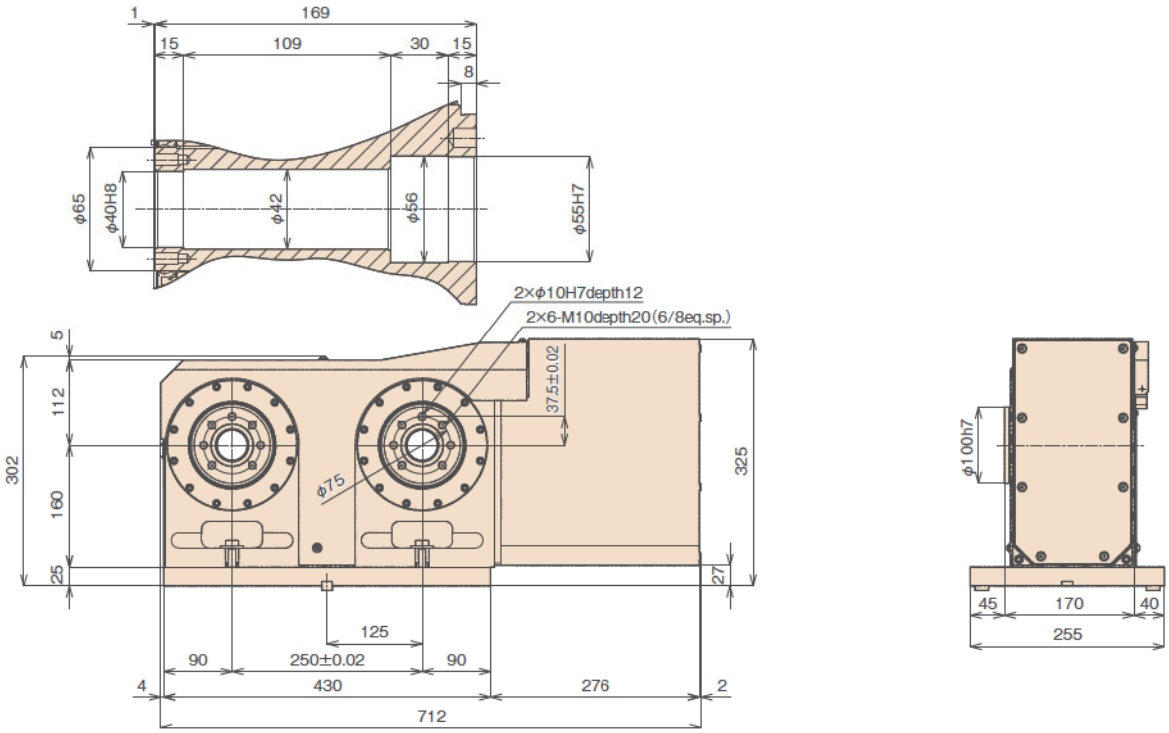
CE correspondence model

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

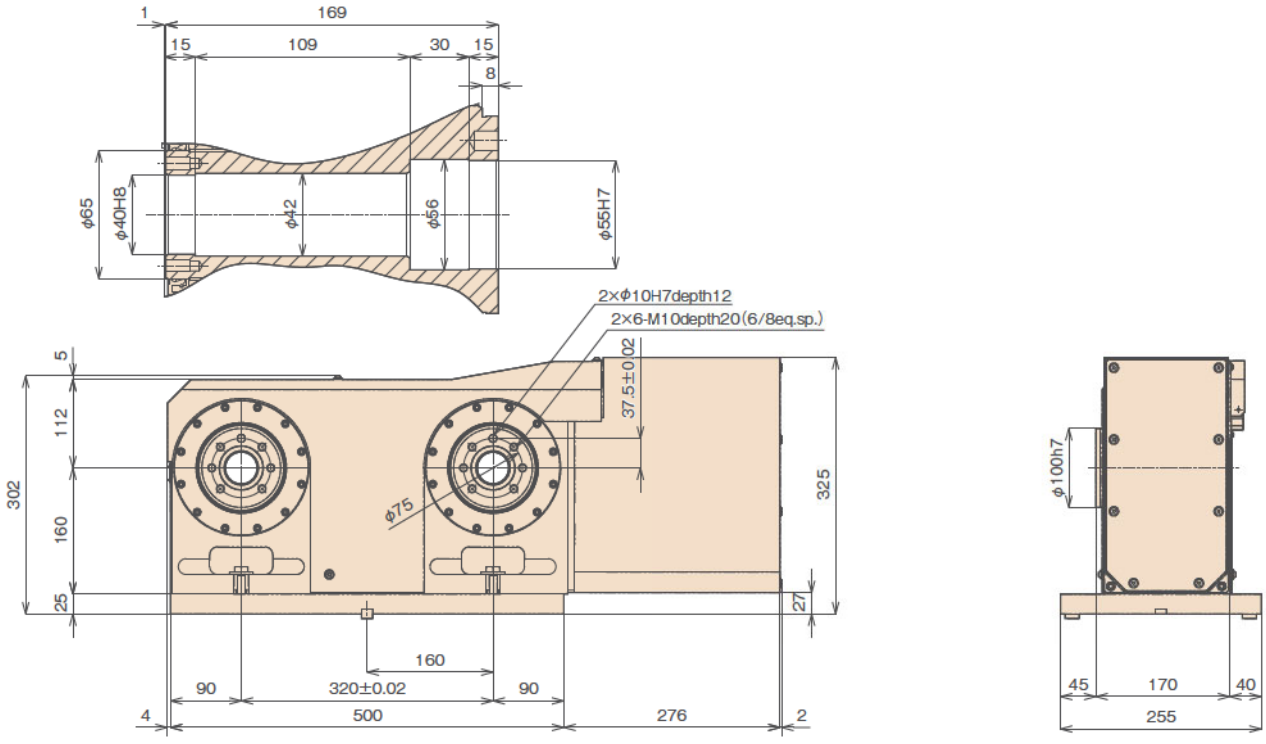
Dimensions

Unit: mm

RBM-160R-2,PS



RBM-160R-2,PL



Note: The above dimensions are for FANUC servo motors. The dimensions of servo motors of other manufacturers may be larger.