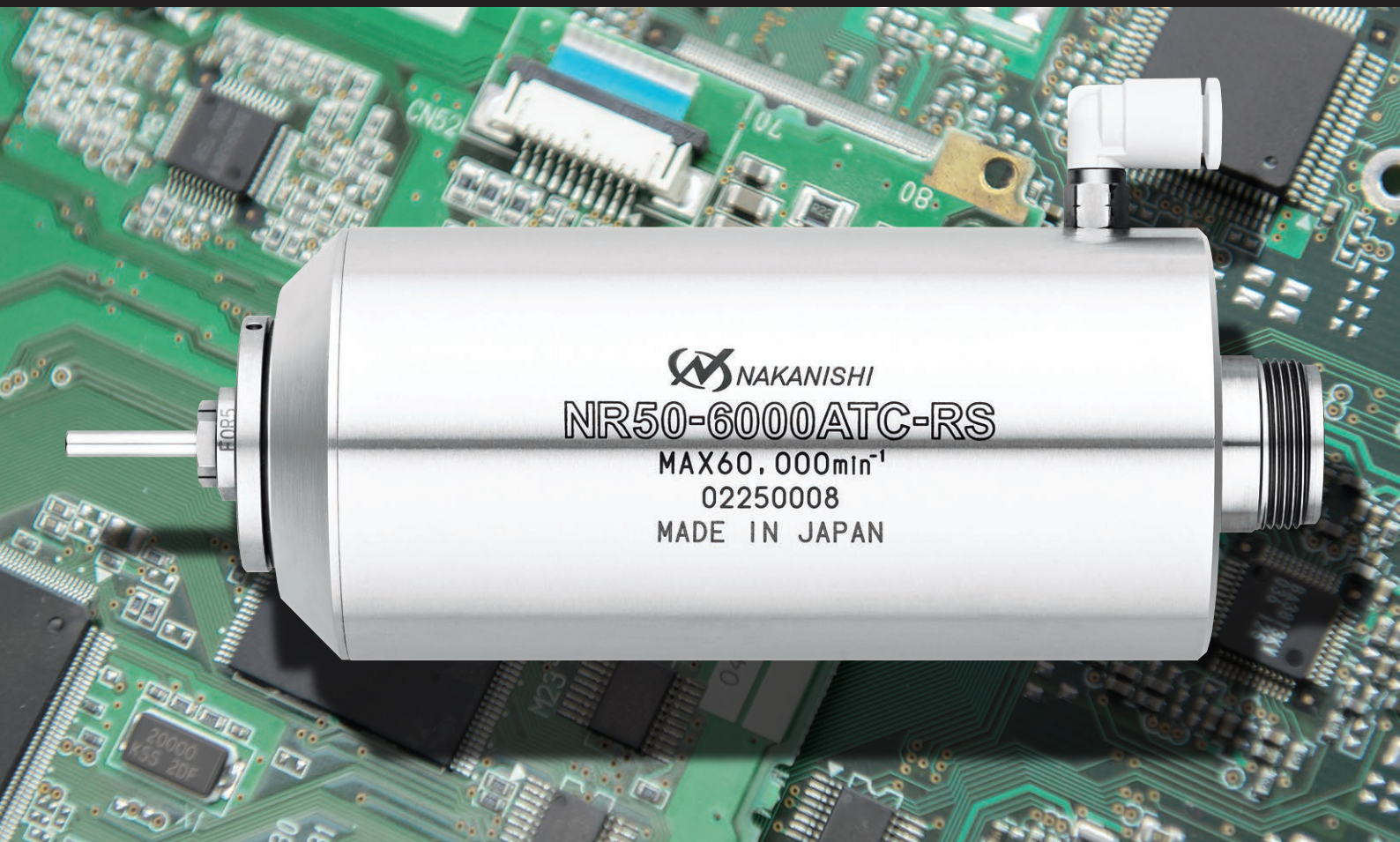


Automatic Tool Change Spindle

NR50-6000ATC-RS



For PCB depaneling,
Nakanishi's automatic tool change spindles are the way to go!

Feature 1 Increased allowable rotational speed

Same dimensions as current product with increased allowable rotational speed

NR50-5100 ATC RS
(current product)

NR50-6000ATC-RS

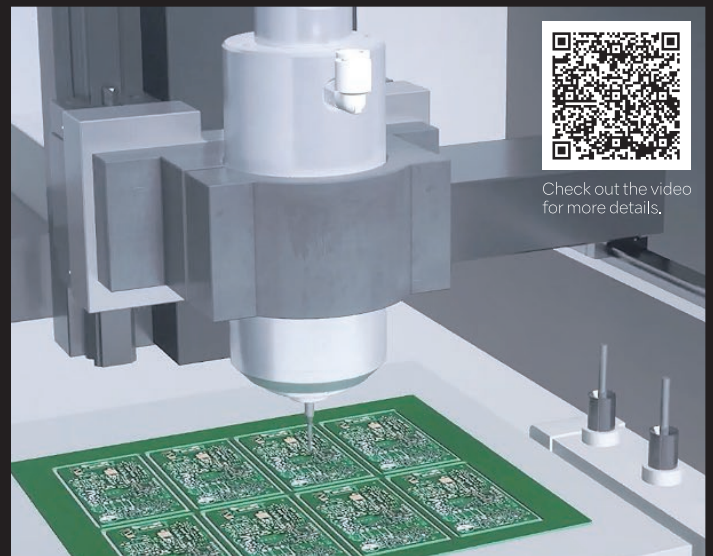
50,000 min⁻¹
(motor speed)



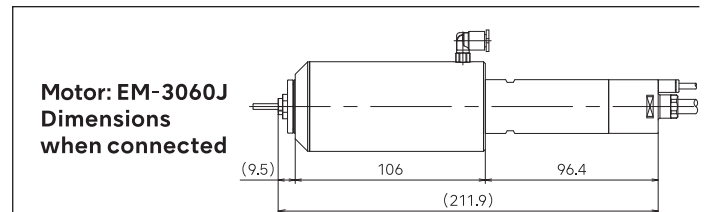
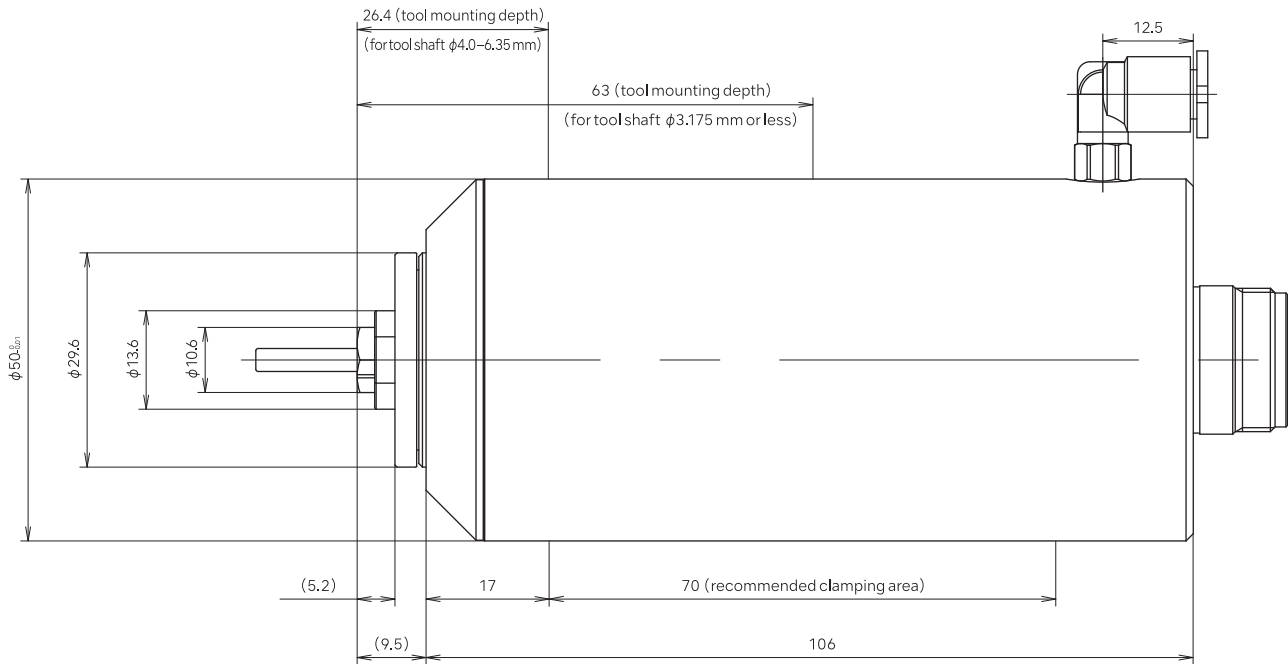
60,000 min⁻¹
(motor speed)

Feature 2 Increased clamping force

Same dimensions as current product with approximately twice the tool clamping force



Outside View



Specifications

Code No.	7909		Model	NR50-6000ATC-RS	
O.D.	Allowable rotational speed	Air for collet opening	Spindle accuracy	Collet	Net weight
$\phi 50\text{ mm}$	$60,000\text{ min}^{-1}$ (motor speed)	0.55–0.6 MPa	Within $1\ \mu\text{m}$	CHR RS Group	1,280 g
Standard accessories	Collet: $\phi 3.175\text{ mm}$ (CHR-3.175 RS) / Wrench (9 × 11), (12 × 14): 1 pc. each / Bar wrench (K-236): 1 pc. Air hose with filter (K-251): $\phi 6\text{ mm} \times 2\text{ m}$				
Options	Collet (CHR RS Group): $\phi 3.0$, $\phi 3.175$, $\phi 4.0$, $\phi 6.0$, $\phi 6.35\text{ mm}$				

Example of Recommended Combination

Collet	Spindle	Motor	Motor cord	Controller	Air line kit
+	+	+	+	+	
CHR RS Group	NR50-6000ATC-RS	EM-3060J [1,000–60,000 min ⁻¹]	EMCD-3000J-3M/4M/6M/8M	E3000 CONTROLLER	AL-C1204 *Delivers air for cooling

