

▼ AIR MOTOR & SPINDLE (Separate Type)

# Angle Spindle



**Outside Diameter**  $\varnothing 30\text{mm}$

**Max.**  $12,700\text{min}^{-1}$  Rotating speed at the cutting tool (Using 0.5MPa : AM-3020R)

**Max. Power** **130W**



**Air Motor**  
**AM-3020R** → Refer to **P.15**

**90° Angle Spindle**  
**RAX-271E**

Air line kit  
AL-M1202

**OPTION** → Refer to **P.29**



**Collet :**  
**Max.  $\varnothing 6.35\text{mm}$**

Collet  
CHK-3.0

**OPTION** → Refer to **P.30**

※ Other collet sizes are available.

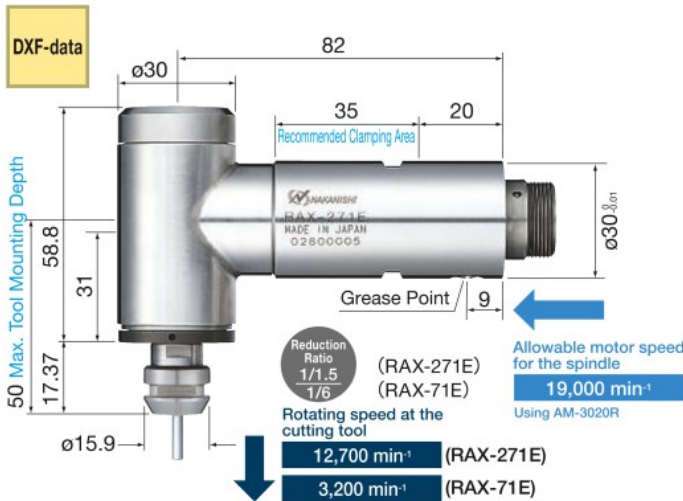
**Angle Spindle Select Sheet**

Model	RAX-271E	RAX-71E	RAS-151E	RA-151E	RA-271E
Angle Head Size O.D.	$\varnothing 30\text{mm}$	$\varnothing 30\text{mm}$	$\varnothing 23\text{mm}$	$\varnothing 22.8\text{mm}$	$\varnothing 17.4\text{mm}$
Rotating speed at the cutting tool ※ 1	$12,700\text{min}^{-1}$	$3,200\text{min}^{-1}$	$7,200\text{min}^{-1}$	$7,200\text{min}^{-1}$	$12,700\text{min}^{-1}$
Using Tools	$\varnothing 0.5 \sim \varnothing 6.35\text{mm}$		$\varnothing 0.8 \sim \varnothing 3.175\text{mm}$		

※ 1 Using AM-3020R

90° Angle Spindle	O.D.	Rotating speed at the cutting tool	Reduction Ratio	Allowable motor speed for the spindle	Spindle Accuracy	Collet	Weight
<b>RAX-271E</b>	$\varnothing 30\text{mm}$	$12,700\text{min}^{-1}$ ※	$\frac{1}{1.5}$	$19,000\text{min}^{-1}$ (Using AM-3020R)	Within $2\mu\text{m}$	$\varnothing 0.5 \sim \varnothing 6.35\text{mm}$ (CHK Group)	<b>580g</b>
<b>RAX-71E</b>	$\varnothing 30\text{mm}$	$3,200\text{min}^{-1}$ ※	$\frac{1}{6}$	$19,000\text{min}^{-1}$ (Using AM-3020R)	Within $2\mu\text{m}$	$\varnothing 0.5 \sim \varnothing 6.35\text{mm}$ (CHK Group)	<b>580g</b>

※ Maximum rotating speed at the cutting tool for the reduction ratio.



Code No.	<b>7856</b>	Model	<b>RAX-271E</b>
Code No.	<b>7857</b>	Model	<b>RAX-71E</b>

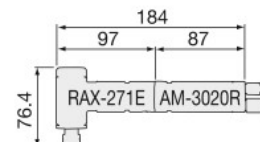
< Standard Accessories >

- Collet Nut (K-265) • Wrench (12 x 14) : 2pcs., (22 x 27) : 1pc.
- Grease for speed reducer (10mℓ) • Grease Nipple : 1pc.

< Options >

- Collet (CHK Group) :  $\varnothing 0.5 \sim \varnothing 6.35\text{mm}$  See Page 30 for details
- Metal Saw Arbor (KCH-03) :  $\varnothing \text{d (I.D.) x under } \varnothing 30\text{mm (O.D.)}$
- Grindstone Arbor (AGM-03) : Grindstone I.D.  $\varnothing 5.0\text{mm}$

※ Collet is sold separately.



To extend the life expectancy of the Speed Reducer, inject grease every 70 to 100 hours. Grease injection prevents friction of the internal gears as well as heat generation. Adding grease also prevents the degradation of the existing grease in the reducer. Please maintain a reducer grease maintenance program.