



Caution : Do not exceed max. allowable air pressure.

90°Angle Air Motor Spindle	O.D.	Max. Rotating Speed at The Cutting Tool	Reduction Ratio	Spindle Runout	Max. Power	Max. Torque	Weight
PMA-3013K	ø30mm	13,000 min ⁻¹ (0.5MPa)	1 1.5	Within 2 μm	130 W	42 cN·m	675 g



< Specifications >

Proper Air Pressure	: 0.3~0.5MPa
Air Consumption	: 215NL/min
Length of Motor Hose	Air Inlet : 2m
	Exhaust Air : 0.1m
Hose Diameter	Air Inlet : ø6mm (O.D.)
	Exhaust Air : ø8mm (O.D.)



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.

Code No.	1764	Model	PMA-3013K
Code No.	1774	Model	PMA-3013K-RA

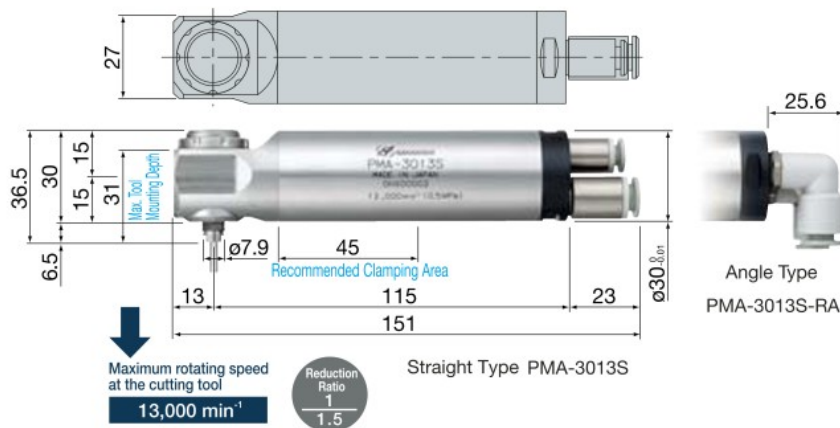
< Standard Equipment · Accessories >

- Collet Chuck ø3.0mm (CHK-3.0) • Chuck Nut (K-265) • Silencer (K-209)
- Inlet Air Hose : ø6mm x 2m (K-215) • Exhaust Air Hose : ø8mm x 0.1m (K-256)
- Spanner (12 x 14) : 2pcs. • Filter Joint (FJ-01) • Grease for Reducer (10mL)

< Optional >

- Collet Chuck (CHK Group) : ø0.5~ø6.0mm [See Page 37 for details](#)
- Metal Saw Axis (KCH-03) : For ø6.0 (I.D.) x ø30mm (O.D.)
- Grindstone Axis (AGM-03) : For grinding wheel with I.D. of ø5.0mm

90°Angle Air Motor Spindle	O.D.	Max. Rotating Speed at The Cutting Tool	Reduction Ratio	Spindle Runout	Max. Power	Max. Torque	Weight
PMA-3013S	ø30mm	13,000 min ⁻¹ (0.5MPa)	1 1.5	Within 3 μm	130 W	42 cN·m	520 g



< Specifications >

Proper Air Pressure	: 0.3~0.5MPa
Air Consumption	: 215NL/min
Length of Motor Hose	Air Inlet : 2m
	Exhaust Air : 0.1m
Hose Diameter	Air Inlet : ø6mm (O.D.)
	Exhaust Air : ø8mm (O.D.)

Code No.	1763	Model	PMA-3013S
Code No.	1773	Model	PMA-3013S-RA

< Standard Equipment · Accessories >

- Collet Chuck ø3.0mm (CHSS-3.0) • Silencer (K-209)
- Inlet Air Hose : ø6mm x 2m (K-215) • Exhaust Air Hose : ø8mm x 0.1m (K-256)
- Spanner (7 x 5.1), (8 x 6.1): 1pc. each • Filter Joint (FJ-01)

< Optional >

- Collet Chuck (CHSS Group) : ø1.0~ø3.0mm [See Page 37 for details](#)