

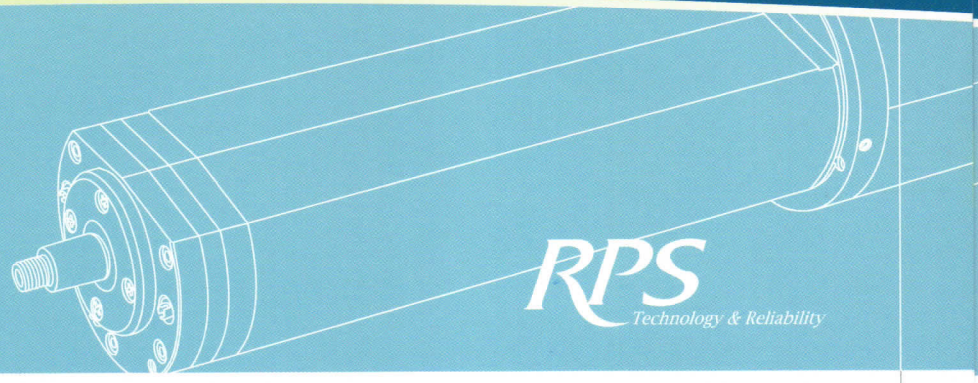
Product Introductions

Air Bearing Spindle for Dicing

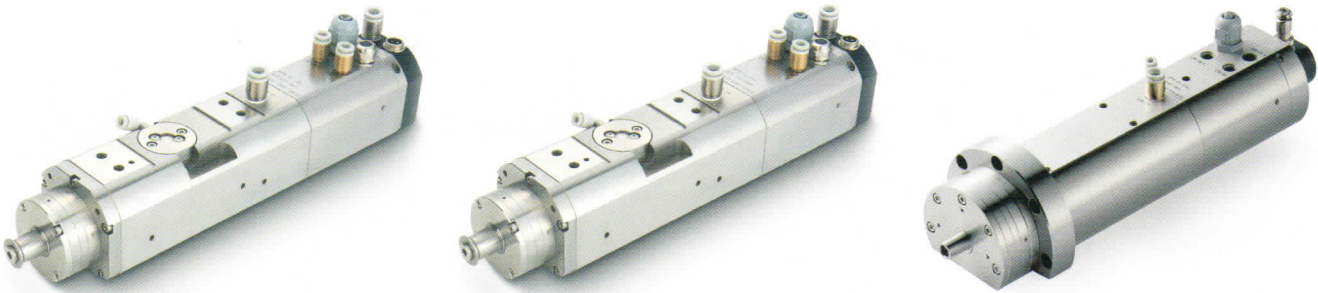


► SPECIFICATION

Contents			Specification		
			RASS 5005-06	RASS 5006-BL06	RASS 5006-RBL06
Input Air Condition	Pressure	kgf/cm ²	5.5-6.5	5.5-6.5	5.5-6.5
	Temperature	°C	20	20	20
	Filter	μm	0.5-0.1	0.5-0.1	0.5-0.1
	Air consumption	l/min	60-70	60-70	60-70
Cooling Fluid	Cooling type		Water or oil	Water or oil	Water or oil
	Pressure	kgf/cm ²	3	3	3
	Cooling flow rate	l/min	2.5	2.5	2.5
	Temperature	°C	17-19	17-19	17-19
Motor type	Phase		3	3	3
	Pole		2	4	4
	type		AC Induction	BLDC	BLDC
	V at Hz		200V at 833Hz	200V at 2,000Hz	220V at 2000Hz
Operational speed range	rpm	10,000-50,000	10,000-60,000	10,000-60,000	
Max. power	kW	1.5 at 50,000rpm	1.8 at 60,000rpm	1.8 at 60,000rpm	
Motor torque	N-m	0.29 (50,000rpm)	0.30 (15,000-60,000rpm)	0.30 (15,000-60,000rpm)	
Taper runout	μm	1	1	1	
Weight	kgf	11.5	11.5	10.5	
Housing Diameter	mm	82	82	80	



Air Bearing Spindle for Dicing



► SPECIFICATION

Contents			Specification		
			RASS 5006-TBL12-03(04)	RASS 5006-FBL12-01	RASS5006-FBL12-02
Input Air Condition	Pressure	kgf/cm ²	5.5-6.5	5.5-6.5	5.5
	Temperature	°C	20	20	20
	Filter	μm	0.5-0.1	0.5-0.1	0.5-0.1
	Air consumption	l/min	60-70	60-70	60-70
Cooling Fluid	Cooling type		Water or oil	Water or oil	Water or oil
	Pressure	kgf/cm ²	3	3	3
	Cooling flow rate	l/min	2.5	2.5	2
	Temperature	°C	17-19	17-19	17-19
Motor type	Phase		3	3	3
	Pole		4	4	4
	type		BLDC	BLDC	BLDC(Hall sensor)
	V at Hz		225V at 2,000Hz	190V at 2,000Hz	190V at 2,000Hz
Operational speed range	rpm	10,000-60,000	10,000-60,000	10,000-60,000	
Max. power	kW	1.8/2.4 at 60,000rpm	2.4 at 60,000rpm	2.4 at 60,000rpm	
Motor torque	N·m	0.3/0.40 (15,000-60,000rpm)	0.40 (15,000-60,000rpm)	0.40 (15,000-60,000rpm)	
Taper runout	μm	1	1	1	
Weight	kgf	6.4	9	9	
Housing Diameter	mm	64x56.5	80	80	