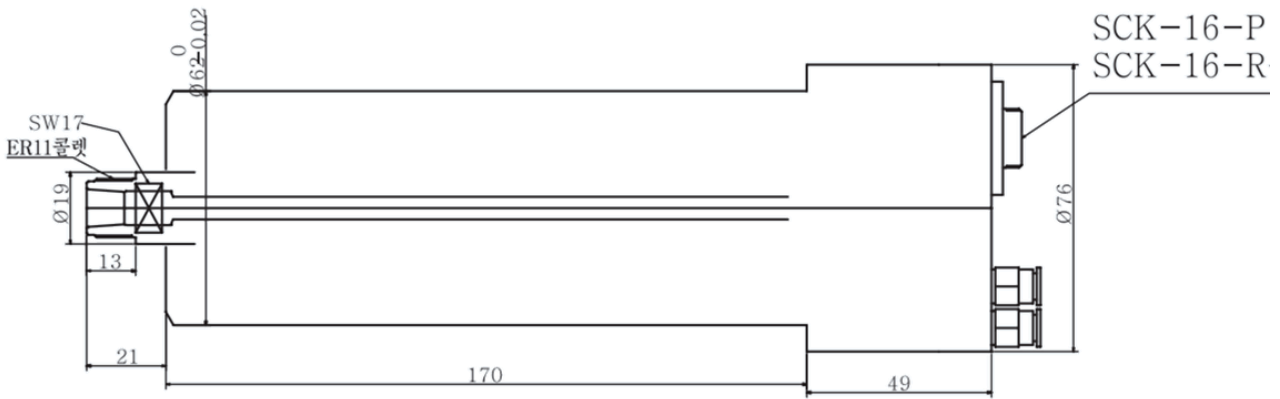


LPR's Air-Lubricated Spindles are ideal for micro-machining processes like milling, drilling, engraving and deburring on small parts. Clean, compressed air is pumped through the spindle, eliminating mechanical contact between the surfaces. This offers benefits such as reduced vibration, long bearing life, high rotational accuracy, large load capacity, and no contamination. Speeds of over 120,000 rpm can be achieved easily with high precision and minimal heat generation. We have extensive experience supplying spindles for wafer fabrication, PCB hole drilling, glass processing and engraving machines. Please contact us for customized spindle designs.



General technical drawing for Air Bearing Spindles

Model	Diameter (mm)	Power (kW)	Speed (max rpm)	Toolholder	Lubrication
SW62A-1005-E11	62	0.5	100,000	ER11 (MTC)	Air
SW62A-1251-E11	62	1.0	125,000	ER11 (MTC)	Air
SW62A-1005-PC6	62	0.5	100,000	PC6 (ATC)	Air
SW62A-1251-PC6	62	1.0	125,000	PC6 (ATC)	Air