625LCAT40 (50mm) - *Spindle Series*

air turbine spindles®
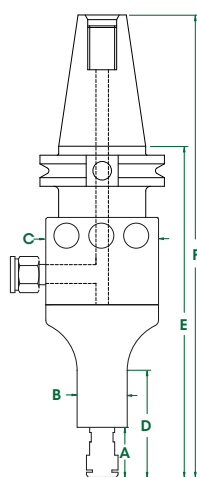
Integration of the popular **CAT40** toolholder into the 625S spindle housing delivers constant high speed with ultra low vibration and improves accuracy and rigidity. The powerful **625LCAT40 (50mm)** is designed for close workpiece operations and machines with very short z-axis travel. The **625LCAT40 (50mm)** delivers patented constant governed high speed operation under load up to 0.50 hp / 0.37 kW at 30,000, 40,000 or 50,000 rpm. At these high speeds, tool coatings achieve the required temperatures to extend endmill life saving money as well as accelerating production. *Air Turbine Spindles®* patented constant governed high speed operation under load cuts faster and cleaner - speeding up cycle times and achieving major savings. Faster cutting with small end mills and drills, finishing or polishing with super accuracy. High speed cutting improves finish quality and accuracy with a fast light pass of your tool. **No Duty Cycle.**

Dimensions

A	1.00" (25mm)	D	2.16" (55mm)
B	1.00" (25mm)	E	6.65" (169mm)
C	2.25" (57mm)	F	9.36" (238mm)

625LCAT40 (50mm) Series Spindles

ER11 - 1/4"		ER11 - 6mm	
Speed RPM	Part #	Speed RPM	Part #
30,000	65066	30,000	65067
40,000	65068	40,000	65069
50,000	65070	50,000	65071

Accessories

Model	Part #
High Flow Filter / Regulator / Extractor	30008
Tube 10mm O.D. - 6.5mm I.D. (order by foot)	16508
Hose & Fitting - 10mm O.D. - 6.5mm I.D. - 12'	30043

General Specifications	625LCAT40 (50mm)
Speed RPM	30,000 / 40,000 / 50,000
Power Rating hp (kW)	0.40 (0.30) / 0.45 (0.34) / 0.50 (0.37)
Inlet Air Pressure	90 PSI (6.2 Bar)
Air Consumption Idle cfm (l/s)	10.5 (4.9) / 11 (5.2) / 11 (5.2)
Air Consumption Working Flow cfm (l/s)	11 (5.2) - 20 (9.4)
Sound Level	Less Than 78 dBA
Max Shank Capacity	ER 11 - 1/4" (6mm)
Spindle Weight	84 oz (2.38 kg)

Standard Equipment

Spindle, combo filter extractor (p/n #30008), collet, wrenches, hose and fittings, plug (for alternate air inlet not in use) and carrying case. ER 11 collet system (1/4" or 6mm collet standard - other sizes optional).

Oil free 90 psi / 6.2 bar, clean, dry air supply required.

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