

602HSK-E40 - Spindle Series



Integration of the popular **HSK-E40** toolholder into 602 spindle housing cuts vibration and improves accuracy and rigidity. Rigid steel construction in one piece with the toolholder also cuts the height of the unit. *Air Turbine Spindles®* patented constant governed high speed operation under load cuts faster and cleaner - speeding up cycle times and achieving major savings. Your solution for fast cutting with small end mills and drills, finishing or marking. High speed cutting improves finish quality and accuracy with a fast light pass of your tool. At 40,000, 50,000, 65,000 or *90,000 rpm tool coatings achieve the required temperatures to extend endmill life saving money as well as accelerating production. 0.2 hp (0.15 kW). **No Duty Cycle.**

Dimensions			
A	0.75" (19mm)	C	5.31" (135mm)
B	1.57" (40mm)	D	5.98" (152mm)

602HSK-E40 Series Spindles			
ER8 - 1/8"		ER8 - 3mm	
Speed RPM	Part #	Speed RPM	Part #
40,000	64720	40,000	64721
50,000	64722	50,000	64723
65,000	64724	65,000	64725
90,000	64726	90,000	64727

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

*90,000 rpm 602 version is recommended for only special applications with micro end mills.

Please call +1.561.994.0500 for more information.

General Specifications	602HSK-E40			
Speed RPM	40,000	50,000	65,000	90,000
Power Rating hp (kW)	0.15 (0.11)	0.2 (0.15)		
Inlet Air Pressure	90 PSI (6.2 Bar)			
Air Consumption Idle cfm (l/s)	4.5 (2.1)			5(2.4)
Air Consumption Working Flow cfm (l/s)	5 (2.36) - 6 (3.30)			
Sound Level	Less Than 78 dBA			
Max Shank Capacity	ER 8 - 1/8" (3mm)			
Spindle Weight	46.4 oz (1.32 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 8 collet system (1/8" or 3mm collet standard - other sizes optional).
Oil free 90 psi / 6.2 bar, clean, dry air supply required.

Tel:+1.561.994.0500 • Fax: +1.561.994.8097 • www.airturbinetools.com • ask@airturbinetools.com

Do not use couplings / hoses less than 1/4" / 6mm Internal Diameter (ID). Use couplings / hoses with a minimum ID of 6.5mm for 602, and 625 spindles, a minimum ID of 8mm for 625X, 650, 660 spindles and (602, 625, 625X, 650 and 660 spindles with TMA) and a minimum ID of 10mm for 650X spindles and 650X spindles with TMA). Always use a 0.3 micron filter and/or extractor where required and check specified psi or l/s air flow. Use 90 psi / 6.2 Bar clean, dry, oil-free air only. Use eye protection and follow safety instructions. Supply is subject to Air Turbine Tools Inc. terms and conditions of sale and distributor policies in effect for the time being. Subject to availability, change of specifications, price and terms without notice. All specifications approximate. Air Turbine Spindles® is the registered trade name of Air Turbine Tools, Inc. © 2024 Air Turbine Tools, Inc. All rights reserved.