

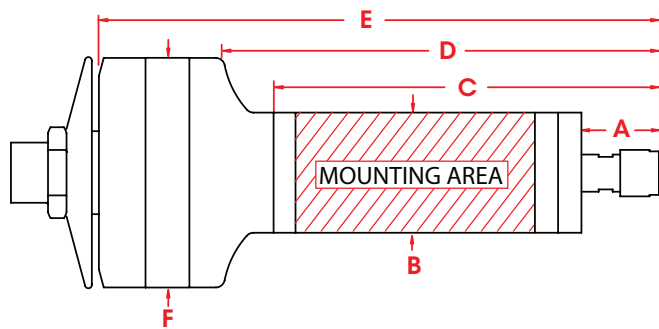
460HD - Aluminum Motor Mount Series



Quadruple angular ceramic bearings, 50,000 rpm, 0.94 hp (0.70 kW), and a rigid steel barrel for mounting make the new governed **460HD** ideal for cutting or finishing harder materials. Sealed at its front collet for wet environments. The **460's** durable, direct drive, low heat and low vibration governed motor is a reliable workhorse with powerful performance 24/7.

A low vibration magnitude of 1.25 m/s² r.m.s, makes the well balanced 460HD ideal for robotic integrations. Applications include finishing, drilling, milling and routing.

Dimensions



| | | | | | |
|----------|-----------------|----------|------------------|----------|------------------|
| A | 1.05" (26.54mm) | C | 5.20" (86.15mm) | E | 7.61" (193.29mm) |
| B | 1.62" (41.15mm) | D | 6.03" (153.16mm) | F | 3.10" (78.74mm) |

460HD Series

| ER11 - 1/4" | | ER11 - 6mm | |
|-------------|--------|------------|--------|
| Speed RPM | Part # | Speed RPM | Part # |
| 50,000 | 34470 | 50,000 | 34471 |

Accessories

| Model | Part # |
|--------------------------------------|--------|
| High Flow Filter Regulator Extractor | 30008 |
| 6' Air Supply Assy w/Fitting | 30012 |

General Specifications

460HD

| | |
|--|------------------------|
| Speed RPM | 50,000 |
| Power Rating hp (kW) | 0.94 (0.70) |
| Inlet Air Pressure | 90 psi (6.2 bar) |
| Air Consumption Idle cfm (l/s) | 14 (6.61) |
| Air Consumption Working Flow cfm (l/s) | 14 (6.61) - 35 (16.52) |
| Sound Level | Less Than 78 dBA |
| Max Shank Capacity | ER 11 - 1/4" (6mm) |
| Motor Weight | 46 oz (1.30 kg) |

Standard Equipment

Motor, ER 11 collet system (1/4" or 6mm collet standard - other sizes optional), collet wrenches, and 3/8" NPT air supply fitting.

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

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Use couplings / hoses with a minimum ID of 5mm for 720, 722, 730 and 732 motors, a minimum ID of 1/4" / 6mm for 202 motors, a minimum ID of 6.5mm for 725MX and 740MX motors, a minimum ID of 8mm for 450, 460 and 740XP motors, a minimum ID of 3/8" / 9.5mm for 210 motors and a minimum ID of 10mm for 450X and 460X motors. 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 Motors® is the registered trade name of Air Turbine Tools, Inc. © 2017 Air Turbine Tools, Inc. All rights reserved.