

450HDE

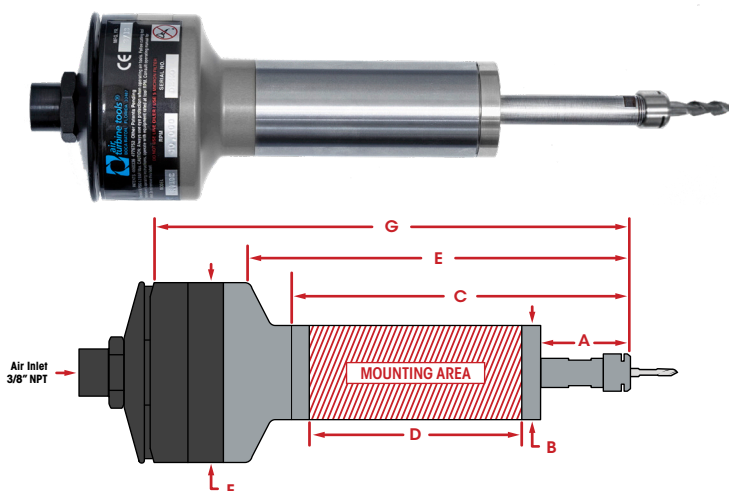
Heavy Duty Motor Mount Series



The **450HDE** reaches into pockets and angles, ideal for cutting or finishing hard to reach work areas. The **450HDE's** sealed front-end prevents wet or dust contamination from getting inside the motor. This patented motor operates at governed speeds of **25,000, 30,000 or 40,000 rpm** with power to **0.88 hp (0.66 kW)**. Ideal for routing composites, plastics or wood and deburring, finishing or drilling metal at constant high speed. The rigid 41 mm O.D. steel barrel is easily fixtured for automation or combined with an end effector.

Mountable area of Ø 41.15mm OD by 63.5mm. Ceramic and angular contact bearing options available.

450HDE Dimensions



All fittings, couplings, and hoses must have a minimum of 8mm internal diameter.

A	2.5" (63.5mm)	D	2.50" (63.5mm)	F	Ø 3.10" (79.74mm)
B	Ø 1.62" (41.14mm)	E	7.48" (189.99mm)	G	9.06" (230.12mm)
C	6.75" (171.45mm)				

450HDE Specifications

Speed RPM	25,000	30,000	40,000
Power Rating hp (kW)	0.76 (0.57)	0.83 (0.62)	0.88 (0.66)
Inlet Air Pressure	90 PSI (6.2 Bar)		
Air Consumption Idle cfm (l/s)	13 (6.14)	14 (6.61)	
Air Consumption Working Flow cfm (l/s)	14 (6.61) - 35 (16.52)		
Air Hoses and Fittings Minimum Size	8mm ID		
Sound Level	Less Than 78 dBA		
Max Shank Capacity	ER 11 - 1/4" (6mm)		
Motor Weight	46 oz (1.30 kg)		

450HDE Series Part Numbers

ER11 - 1/4"		ER11 - 6mm	
Speed RPM	Part Number	Speed RPM	Part Number
25,000	34480	25,000	34481
30,000	34482	30,000	34483
40,000	34484	40,000	34485

Accessories

Model	Part Number
High Flow Filter Regulator Extractor	30008
6' Air Supply Assembly w/Fitting	30012

Equipment Included

- 450HDE Motor
- ER 11 Collet System (1/4" or 6mm)
- Collet Wrenches
- 3/8" NPT air supply fitting

Standard Equipment

ER 11 Collet System (1/4" or 6mm collet.)

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

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