

# 202HD

## Heavy Duty Motor Mount Series



The popular long steel barrel **202HD** is a compact powerful fixture mount motor with governed constant speed ranges of **30,000, 40,000, 50,000, and 65,000 rpm**. Drill rubber, plastic, or mill faster and cleaner. Collet capacities of ER 8 1/8" (3mm) with optional collets for smaller and metric applications available. The **202HD** has the advantage of a stainless steel barrel for rigid fixture mounting in applications such as plastic drilling and robotic metal finishing. Oil-free operation eliminates part contamination.

Mountable area of Ø 18.84mm OD by 50.8mm. Ceramic bearing option available.

### 202HD Dimensions

All fittings, couplings, and hoses must have a minimum of 6mm internal diameter.

<b>A</b>	1.33" (33.84mm)	<b>D</b>	2.00" (50.8mm)	<b>F</b>	Ø 2.00" (50.85mm)
<b>B</b>	Ø 0.74" (18.84mm)	<b>E</b>	5.35" (135.95mm)	<b>G</b>	7.13" (181.10mm)
<b>C</b>	4.27" (108.33mm)				

### 202HD Series Part Numbers

ER8 - 1/8"		ER8 - 3mm	
Speed RPM	Part Number	Speed RPM	Part Number
30,000	32800	30,000	32801
40,000	32802	40,000	32803
50,000	32804	50,000	32805
65,000	32806	65,000	32807

### Accessories

Model	Part Number
High Flow Filter / Regulator	30003
5' Air Supply Assembly with Fitting	30010

- ### Equipment Included
- 202HD Motor
  - ER 8 Collet System (1/8" or 3mm)
  - Collet Wrenches
  - Rear Exhaust
  - 1/4" NPT air supply fitting

### Standard Equipment

ER 8 Collet System (1/8" or 3mm collet.)

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

### 202HD Specifications

Speed RPM	30,000	40,000	50,000	65,000
Power Rating hp (kW)	0.4 (0.30)	0.45 (0.34)	0.5 (0.37)	0.55 (0.41)
Inlet Air Pressure	90 PSI (6.2 Bar)			
Air Consumption Idle cfm (l/s)	10 (4.72)	13 (6.14)	14 (6.61)	
Air Consumption Working Flow cfm (l/s)	11 (5.19) - 20 (9.44)			
Air Hoses and Fittings Minimum Size	6mm ID			
Sound Level	Less Than 78 dBA			
Max Shank Capacity	ER 8 - 1/8" (3mm)			
Motor Weight	9 oz (0.26 kg)			

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