

# Bare Core Packages

Kits for on-demand, custom-built motors

- New motor parts from our UL-certified and ISO 9001-approved facility
- Three frame size options: 5806, 5808, and 5809
- Build more than 100 motor permutations
- 300 to 900+ horsepower motors
- Low, medium or high voltage

## Specialized vertical motor products

Independent EASA/motor facilities now have the ability to efficiently produce their own motors and promote their individual brands. Aurora produces and provides all of the components; you wind the motor to customer specifications.

## Be the made-to-order motor manufacturer

Smaller, independent motor facilities can now produce limited quantities and enter the market thanks to Aurora motor kits. Local manufacturing is the engine that preserves and creates jobs in the U.S. With Aurora's economies of scale, your business gets past the barriers to custom motor production.

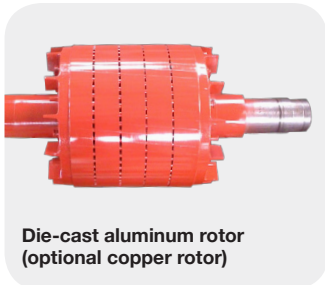
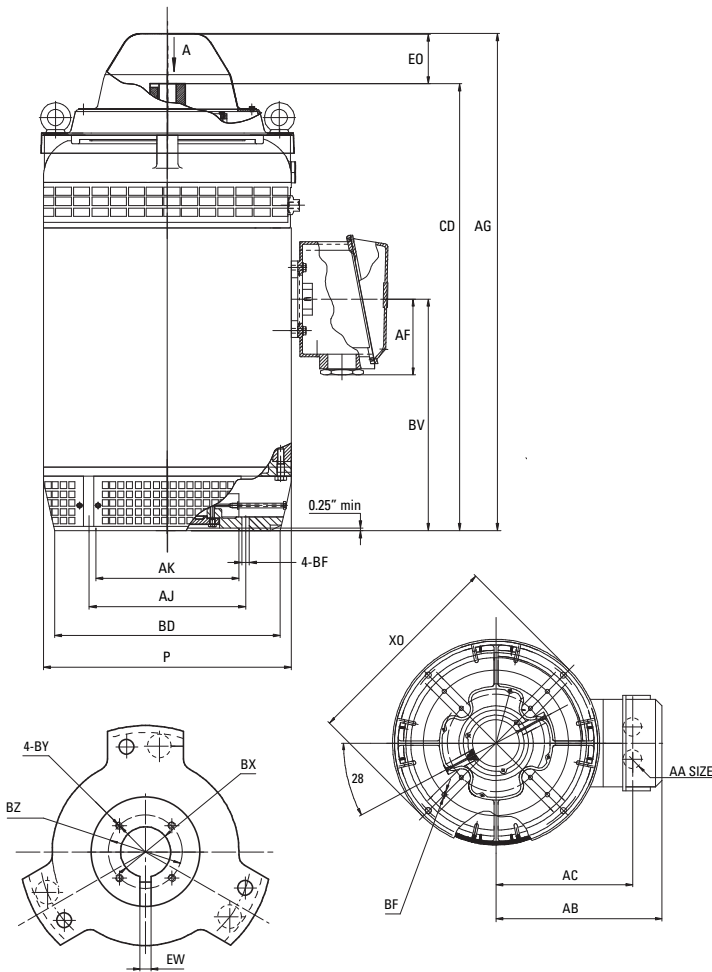


## Small manufacturing is your big opportunity

According to the American Small Manufacturers Coalition, there are almost 300,000 small manufacturers across the U.S.—and that number is growing, Global Manufacturing magazine reports. Using fast and agile production schedules along with product customization, motor facilities can now compete with global motor manufacturers. To keep costs and inventories low, motor facilities are embracing the made-to-order model that allows for customized products while avoiding overstock situations. Additionally, this trend allows motor facilities to decrease supply chain costs by not over-ordering certain supplies and materials.

## Bare Core specifications

		Frame/core sizes		
		5806/360MM	5808/390MM	5809/440MM
HP capability	300	•		
	350	•		
	400	•		
	450	•	•	
	500	•	•	
	600		•	•
	700		•	•
	800			•
	900			•
CD height	54"	•		
	58¼"		•	
	62¼"			•
Voltage	460	•	•	•
	575	•	•	•
	2300	•	•	•
	4160	•	•	•
RPM	1800	•	•	•
Upper thrust bearing	300% thrust Spherical 29430	•	•	•
	175% Double Stack 7238 optional	•	•	•
	Standard thrust 7238 optional	•	•	•
P-Base (register)	Standard size: 24½" 20" 16½" 30" option available	•	•	•
Rated Hz	50	•	•	•
	60	•	•	•
Coupling size	Blank size	•	•	•
	1 15/16" optional	•	•	•
	2 3/16" optional	•	•	•
Other provided items	Cooling tubes 300%	•	•	•
	Sight glass	•	•	•
	Oil/grease plugs	•	•	•
	Bearing mount	•	•	•
	Bearing caps/spacers	•	•	•
	Non-reverse ratchet	•	•	•
	Lower slinger	•	•	•
	Lower bearing retainer	•	•	•
Name plate	Blank plate	•	•	•
Color	Blue	•	•	•
Lamination options	Regular slot cell	•	•	•
	Large slot cell	•	•	•
Drawings for design	Frame	•	•	•
	Lamination 1 and 2	•	•	•
	Rotor	•	•	•
	End bells	•	•	•
	Couplings	•	•	•
Optional adders	Thermals/space heaters	•	•	•
	Bearings	•	•	•
	Monitoring device	•	•	•
	Extra couplings	•	•	•
	Extra parts	•	•	•



## We make motor manufacturing easier

Aurora Bare Core Packages allow you to become your own manufacturing brand. We believe reliability matters above all else. Thank you for trusting us to take your brand to the next level.