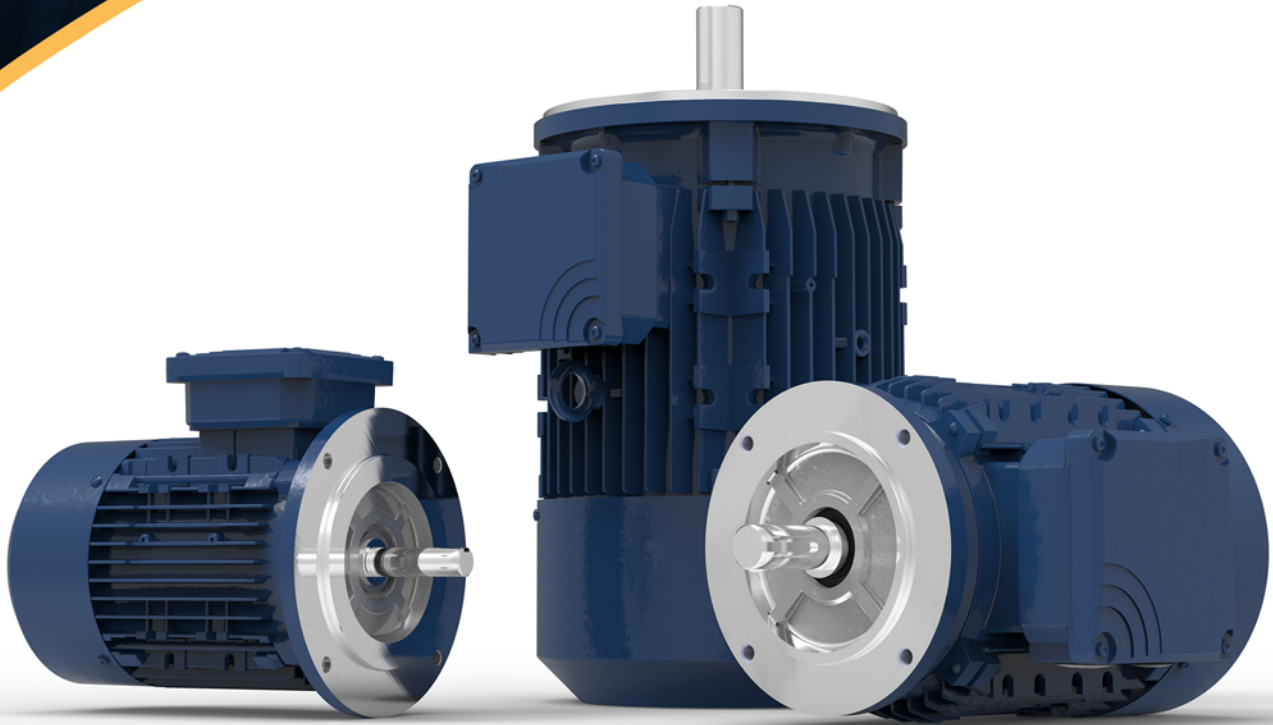


Experience the Difference

C-Face Motor



Sumitomo NEMA Premium AMPH AC Induction Motors: 1 to 20 HP

Sumitomo Drive Technologies has more 40 years experience manufacturing aluminum alloy framed electric motors. The AMPH C-Face motor is the newest addition, to a very successful family, of products.

The combination of the aluminum alloy's high strength, extraordinary thermal efficiency, and remarkable ability to be drawn into complex shapes, along with our centuries worth of manufacturing excellence result in a family of motors unequaled in life or performance by any other.

HOW IS IT BETTER?

Longer Life

Runs substantially cooler than competitive motors, less thermal stress.



Runs 25% to 45% cooler when compared to our competitors

Stronger

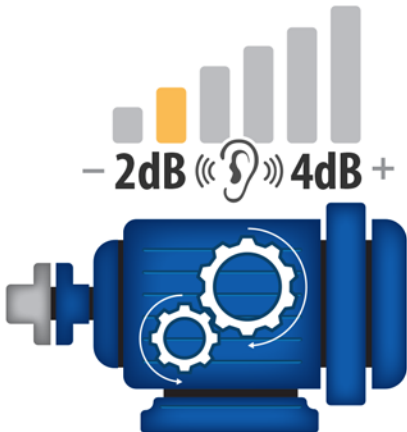
Twice the ultimate strength of cast iron.



Stronger

Quieter Operation

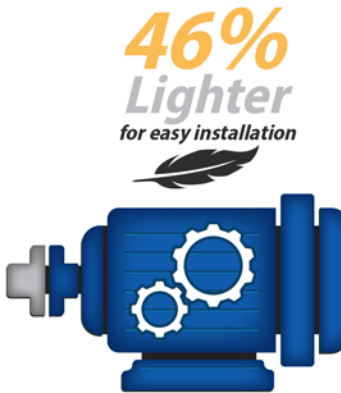
Noticeably quieter operation reduces facility noise levels.



- 2dB ((S)) 4dB +

Quicker to Install

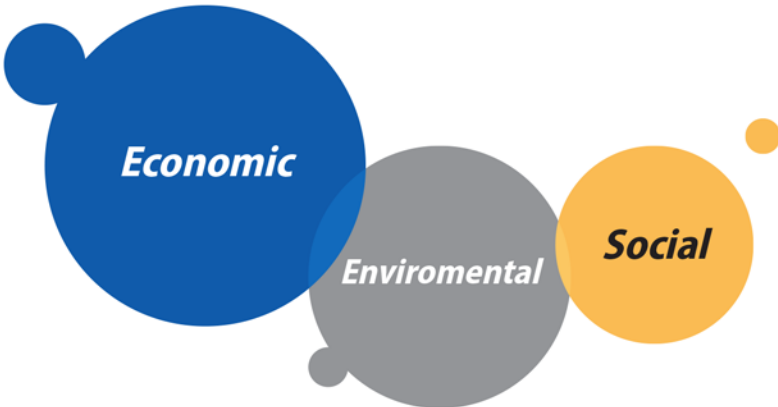
Considerably lighter weights, easier to install.



46% Lighter for easy installation

More Sustainable

Economically, environmentally and socially.



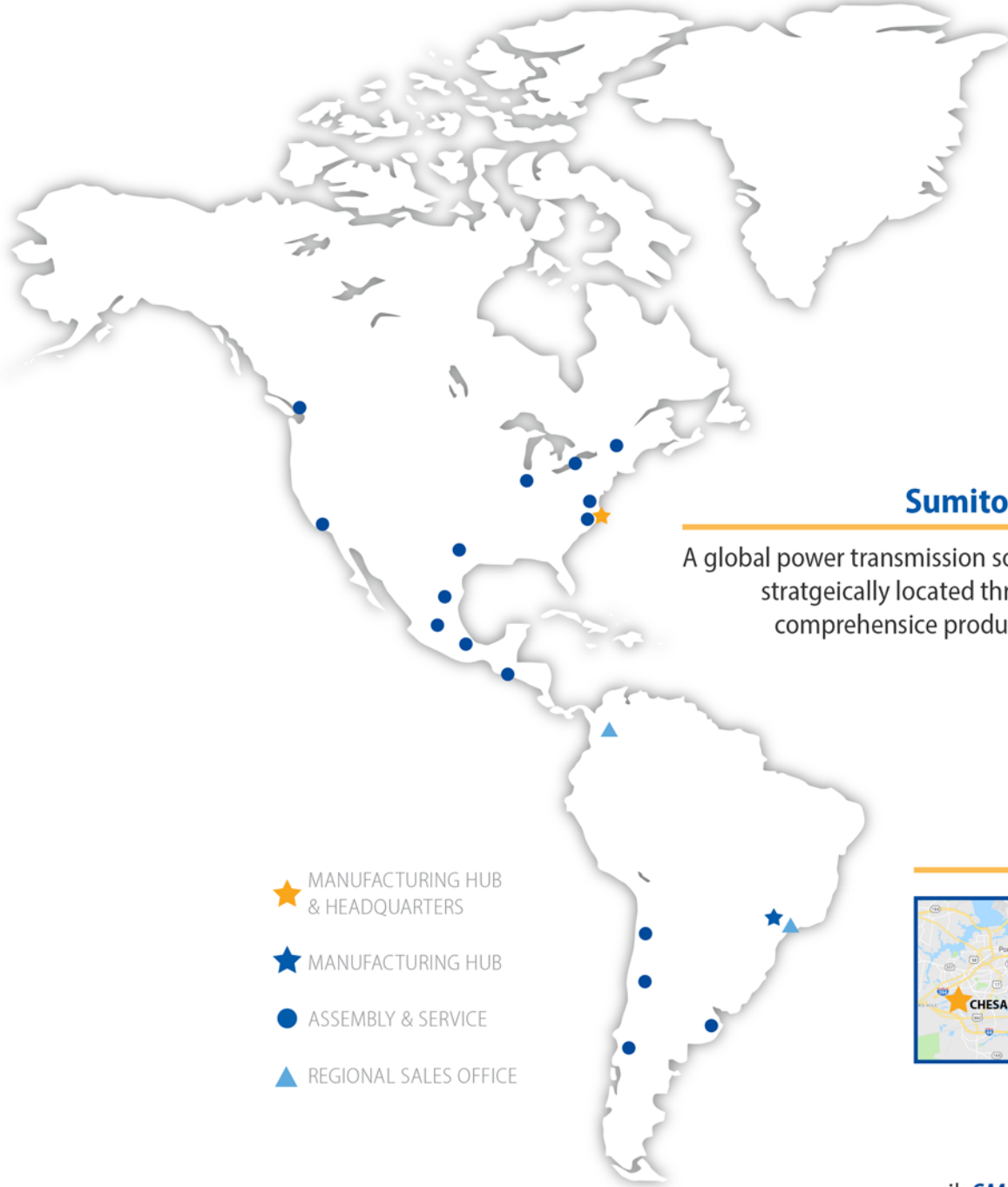
VALUE BOOSTING FEATURES

- Low noise fan and shroud
- Impact resistant steel fan shroud
- Vibration minimizing manufacturing systems
- Standard NEMA C-Face dimensions
- Preferred round body, footless design
- Reduced spares - 4 mounting positions for lifting eye
- Familiar pigtail connections – 9 leads
- Stout, high quality insulation system standard
- Maintenance free, double shielded ball bearings
- Fracture resistant ductile frame and flange
- 100% recyclable alloy aluminum frame

ROBUST SPECIFICATIONS

- NEMA premium efficiency
- NEMA Class B torque curve w/lower starting current requirement
- 1.15 service factor for continuous operations at 60 Hertz
- Class F insulation w/a class B temperature rise
- Suitable for operation w/IGBT inverters, 1.0 service factor
- Meets or exceeds NEMA MG-1, part 31 requirements
- Standard operating range from -20°C to 40°C
- 3300 ft. Elevation without rerating
- Totally enclosed fan cooled (TEFC) construction
- IP55 Ingress Protection rating w/both ends sealed
- UL recognized/CSA certified/CE compliant

HP	RPM	Volts	Frame	Encl.	Part No. (Use for ordering)	Full Model No.
1	1750	230/460	143/145TC	TEFC	AEPY3236-0743	AMPH 90S / A4 -003 MPH90AA4A-57133
1.5			143/145TC		AEPY3236-1143	AMPH 90SAA4 MPH90AA4A-57134
2			143/145TC		AEPY3236-1543	AMPH 90L BA4 MPH90BA4A-57130
3			182/184TC		AEPY3236-2243	AMPH 1 00L AA4 MPH 10AA4A-57129
5			182/184TC		AEPY3236-3743	AMPH 112M AA4 MPH 12AA4A-57128
7.5			213/215TC		AEPY3236-5543	AMPH 132S AA4 PH 13AA4A-57131
10			213/215TC		AEPY3236-7543	AMPH 132MBA4 PHI 3BA4A-57132
15			254/256TC		AEPY3236-A 143	AMPH 160M AA4 PH 16AA4A-57136
20			254/256TC		AEPY3236-A543	AMPH 160LBA4 PHI 6BA4A-57135



- ★ MANUFACTURING HUB & HEADQUARTERS
- ★ MANUFACTURING HUB
- ASSEMBLY & SERVICE
- ▲ REGIONAL SALES OFFICE

Sumitomo Drive Technologies

A global power transmission solutions provider, with facilities strategically located throughout the world, providing comprehensive products and services in your region.

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