PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS

PMID MOTOR









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PMID MOTOR

1.1-4kW, ONE OR THREE PHRASE

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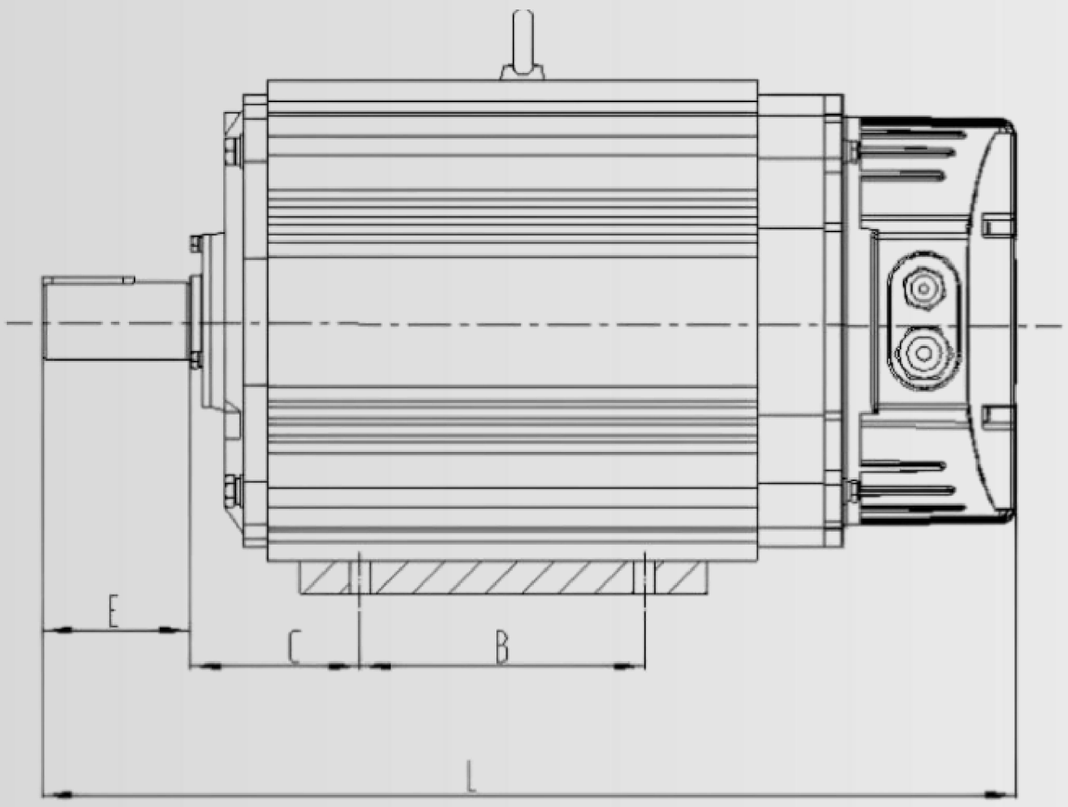
PRODUCT OVERVIEW

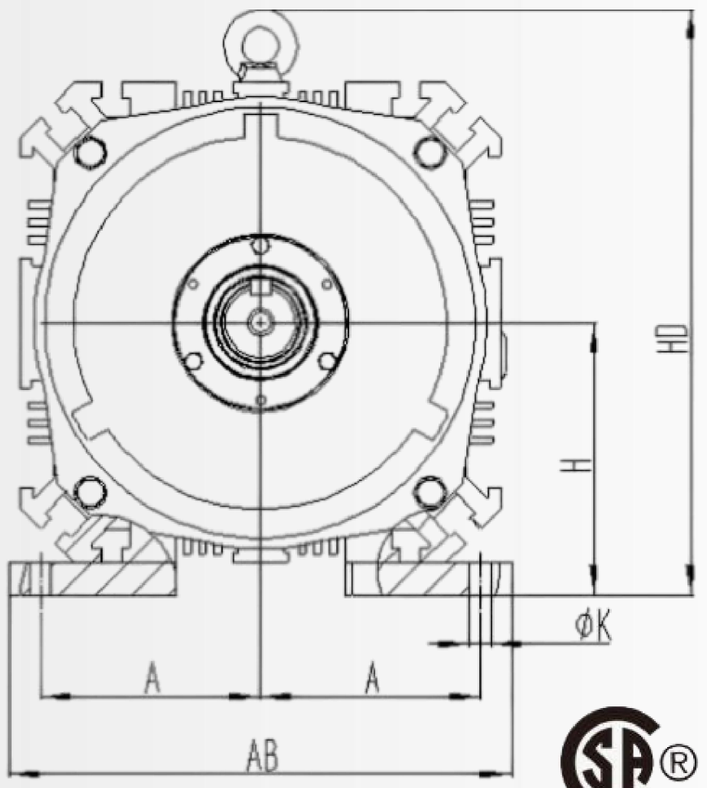
NA Pacific's IP66-rated PM motor with integrated VFD is the most efficient motor in its class, meeting IE5 efficiency standards. Engineered for large agricultural fans, it delivers high torque at low RPMs—ideal for high-volume airflow with minimal energy use. Its sealed, weather-resistant construction handles harsh farm conditions, while the built-in drive ensures smooth, reliable speed control with reduced maintenance.



FEATURES

- **IP rating:66**
- **KW: 1.1 to 4**
- **Efficency: IE5**
- **NEMA：56C**
- **Cast aluminum**
- **cCSAus certifie**





C SA® US

Ordering Guide Maximum Speed	Power		Voltages Available
PMID-	_____	_____	_____
	1.1 : 1.1 kW/ 1.5HP **1.5 : 1.5 kW / 2HP** **2.2 : 2.2 kW / 3HP** **3 : 3 kW/ 4HP** **4 : 4 kW/ 5HP (460V only)**	**460T : 460V 3 Phase** **208T : 208/230V 3 Phase** **208S : 208V/230V 1 Phase**	**600 : 600 Rpms** **800 : 800 Rpms(2.2kW only)**

For Example: PMID-2.2-208T-600 indicates a 2.2kW 208V 3P 60HZ 600RPM PMID Motor,

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BD PMID MOTOR

1-1.5HP, ONE OR THREE PHRASE

PRODUCT OVERVIEW

BD Line of Permanent Magnet w. Integrated Motor (PMID) Program is to bring the high efficiency PM motors to the belt-drive fan market up to 57" so the end users can instantly benefit from the energy savings with drop in replacements while keeping majority of the invested assets.



FEATURES

- **IP rating:66**
- **HP: 1 to 1.5**
- **Efficency: IE4**
- **NEMA:56 (w. standard 5/8" shafts)**
- **0-10v/4-20mA analogy control (positive logic, or reverse logic)**
- **RS485**
- **cCSAus certified**

Part NO.	HP	RAMP Range	Service Factor	VOLT	PHASE	Remarks
*BD15-12	1.5	180-1750	1.1	230	1	VFD w. PFC
BD15-32	1.5	180-1750	1.1	230	3	no PFC
BD15-34	1.5	180-1750	1.1	460	3	no PFC
BD10-12	1	180-1750	1.4	230	1	no PFC
BD10-32	1	180-1750	1.4	230	3	no PFC
BD10-34	1	180-1750	1.4	460	3	no PFC

***Single phase VFD on BD15-12 comes with power factor correction (PFC).**

***BD Motors are now coming 5m communication cable with a manual speed control.**

SM PMID MOTOR

0.5-1.5HP, ONE OR THREE PHRASE

PRODUCT OVERVIEW

SM Line of PMID is for the small direct stub mount fans mainly 24" and 36". They come with permanent magnet motors with integrated VFDs. With optimized blade options, they offer design potential for 40"/42" fans.Shafts can be 5/8" standard and 1/2" optional. VFD control mechanism shares the great features as for BD motors



FEATURES

- IP rating:66
- HP: 1 to 1.5
- Efficency: IE4
- NEMA:56 (w. standard 5/8" shafts)
- 0-10v/4-20mA analogy control (positive logic, or reverse logic)
- RS485
- cCSAus certified

Part NO.	HP	RAMP Range	Service Factor	VOLT	PHASE	Remarks
SM15-12	1.5	180-1750	1.1	230	1	no PFC
SM10-12	1	120-1200	1.1	230	1	no PFC
SM05-12	0.5	120-1350	1.5	230	1	no PFC
SM05-34	0.5	120-1350	1.5	460	3	no PFC

PM MOTOR

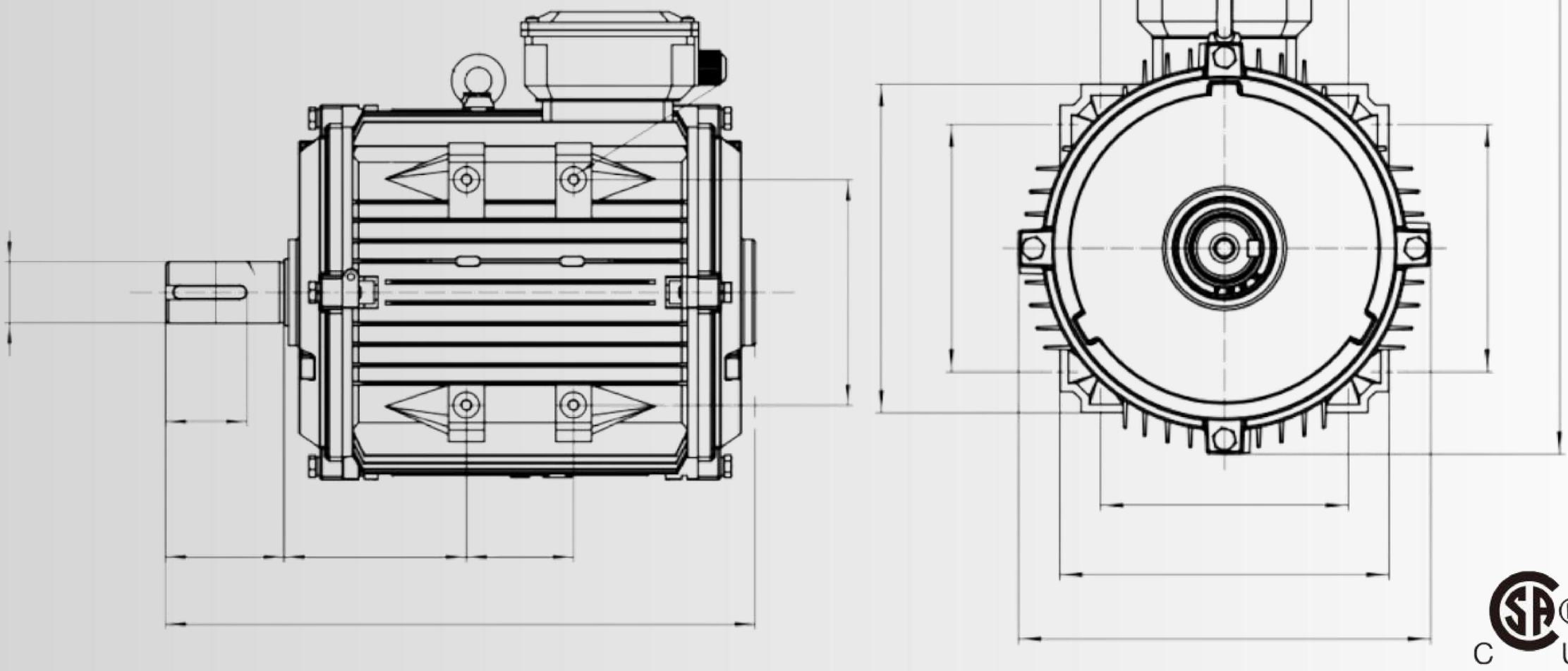
1.1-4kW, THREE PHRASE

PRODUCT OVERVIEW

Lightweight three phase, enhanced performance cast aluminum 56C frame NEMA design B motors. Features a multi-mount arrangement incorporating bolt on feet with 56C mount configuration. 2 and 4 pole, 1/3 to 3HP, ideal applications include ventilation, packaging, conveying and blowers.

FEATURE

- IP rating:55/66
- KW: 1.1 to 4
- Voltage: 230 or 460
- RPMS: 600
- Efficency: IE4
- cCSAus certified



Ordering Guide **IP Rating**	**Power**		**Voltages Available**
PM- _____	-	_____	_____
	1.1 : 1.1 kW/ 1.5HP **1.5 : 1.5 kW / 2HP** **2.2 : 2.2 kW/ 3HP** **3 : 3 kW/ 4HP**	**460T : 460V 3 Phase** **230T : 208/230V 3 Phase**	**55: IP 55** **66: IP 66**

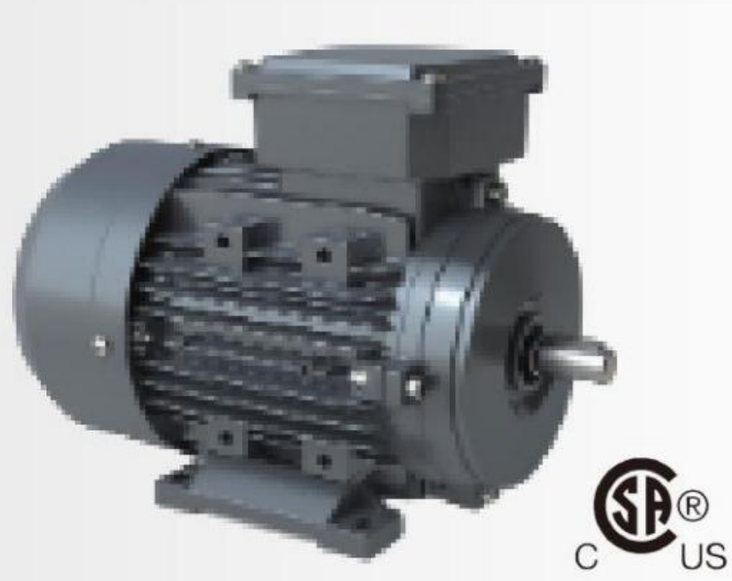
For Example: PM-1.5-230T-55 indicates a 1.5kW 230V 3P IP 55 600RPM PM Motor

PM MOTOR

1.1-4kW, ONE OR THREE PHRASE

PRODUCT OVERVIEW

Lightweight three phase, enhanced performance cast aluminum 56C frame NEMA design B motors. Features a multi-mount arrangement incorporating bolt on feet with 56C mount configuration. 2 and 4 pole, 1/3 to 3HP, ideal applications include packaging, conveying, blowers, etc....



FEATURE

- **IP rating:66**
- **KW: 1.1 to 4**
- **Voltage: 230 or 460**
- **Phase: one or three**
- **RPMS: 600**
- **Efficency: IE5**
- **cCSAus certified**

Factory Model	Rated Rev. Speed [RPM]	Rated Voltage [V]	Rated Power [kW]	Rated Amperage [A]	Rated Torque [N-m]	Efficiency [%]	Net Weigh [kg]
NAP112M6-1.1	600	460	1.1	1.75	17.51	80.8	20
NAP112M6-1.5	600	460	1.5	2.32	23.88	82.6	24.6
NAP112M6-2.2	600	460	2.2	3.32	35.02	84.5	30.4
NAP132S6-3	600	460	3.0	4.5	47.75	85.9	39.8
NAP132M6-4	600	460	3.7	5.44	58.89	87.1	49
NAP112M6-1.1B	600	230	1.1	3.5	17.51	80.8	20
NAP112M6-1.5B	600	230	1.5	4.65	23.88	82.6	24.6
NAP112M6-2.2B	600	230	2.2	6.7	35.02	84.5	30.4
NAP132S6-3B	600	230	3.0	9	47.75	85.9	39.8
NAP132M6-4B	600	230	3.7	10.9	58.89	87.1	49

INTEGRATED DRIVE MOTOR

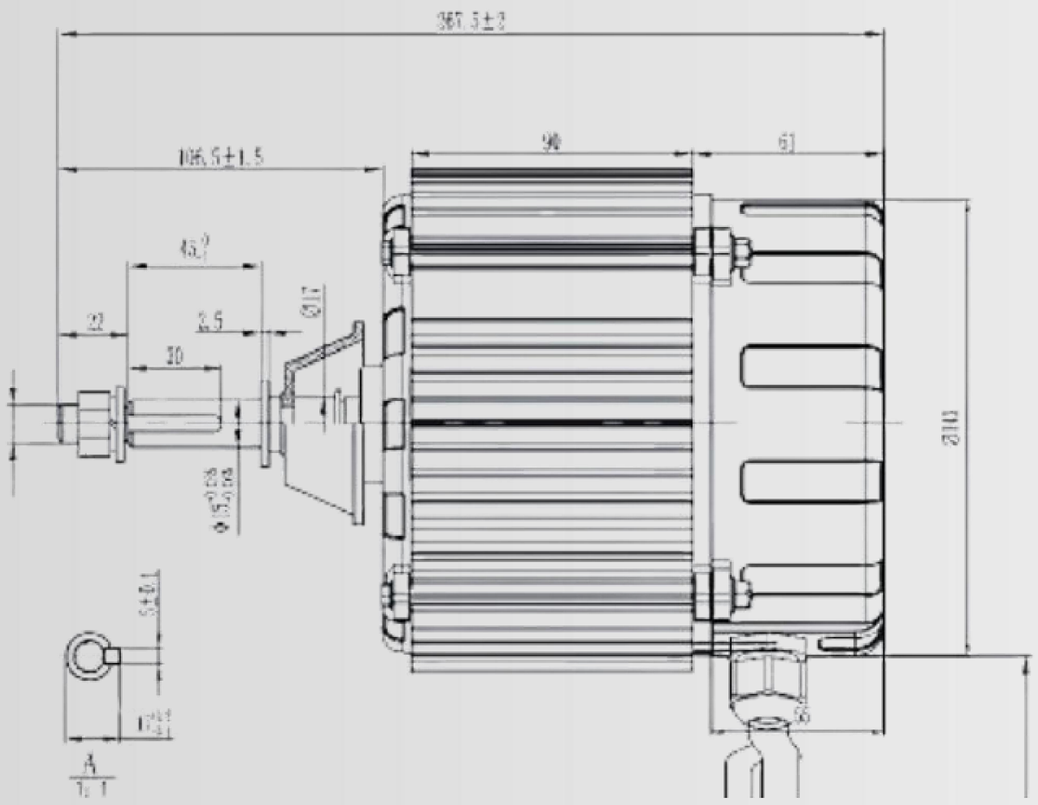
0.3-1HP, ONE OR THREE PHRASE

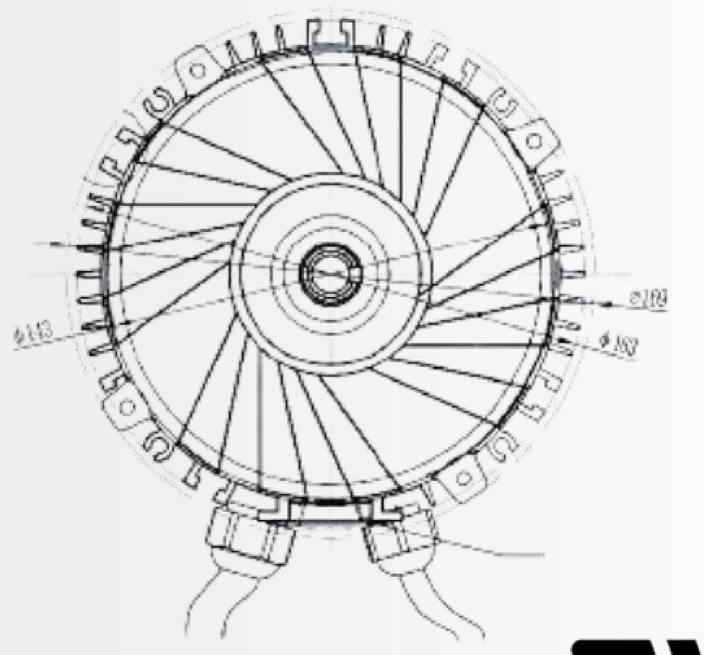
PRODUCT OVERVIEW

The NA Pacific integrated drive motor provides adjustable speed and steady torque, making it ideal for small agricultural fans that require precise airflow or fluid control. With its IP55 rating, it's built to withstand dust and water exposure, ensuring reliable performance in demanding Ag conditions, making it perfect for air recirculation in greenhouses and ventilation in livestock barns, where durability and consistent operation are essential.

FEATURES

- **50/60 HZ frequencies allowing for multi location compatability**
- **IP 55 Rating**
- **200W to 1kW**
- **Efficency: 82%+**
- **ULC certified**





c UL us

Ordering Guide **Maximum Speed**	Power		**Voltages Available**
ECW-_____		**_____**	**_____**
	0.3 : 245W / 0.3HP **0.5 : 375W /**	**460T : 460V 3 Phase** **208T : 208/230V 3 Phase** **208S : 208V/230V 1 Phase**	**1800 : 1800 Rpms** **1500 : 1500 Rpms** **1200 : 1200 Rpms** **1000 :1000 Rpms**

For Example: ECW-1-208T-1200 indicates a 745W 208V 3P 1200RPM Integrated Drive Motor,

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