



TECHNICAL DATA SHEET

Breakthrough Motor Efficiency from Q-Sync's Patented Control Technologies

The Next Big Leap in Efficiency is Here

Reduce total cost of ownership with patented motor control technology, industry-leading efficiency, long operating life, ease of installation, and rebate eligibility.



Industry-leading
efficiency



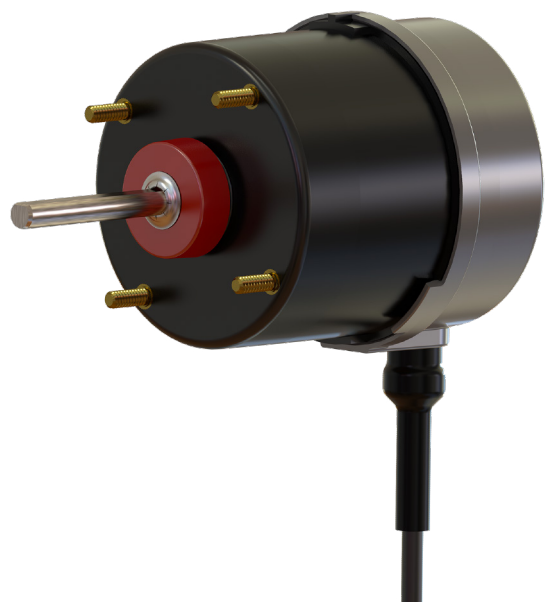
Design life of
>10 years



Ease of Install



Rebate-friendly



Q-Sync® 38-50W 60Hz/230V

PRODUCT SPECIFICATIONS

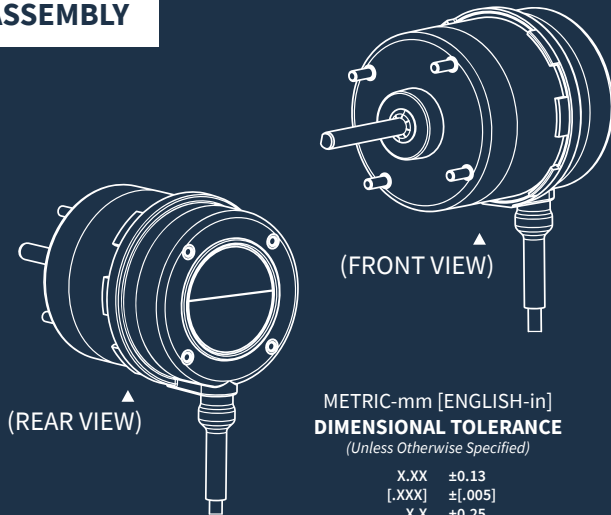
Q-Sync® Synchronous Motor

Model	QSM50-2A-CC
Customer model	30077-00
Volts	230 V
Voltage Range	207-253 V
Running Current (Amps)	0.282 A
Locked Rotor Current (Amps)	3.12 A
Horse Power	1/15 HP
Watts	50 W
RPM	1800
Frequency	60 Hz
Rotation (opposite end of shaft)	CCW
Phase	1
Temp	-40°C - 55°C (-40°F - 122°F)
Protection	Thermally Protected
CSA / UL File Number	E465664
Class	Class A (105 C)
Motor Type	Continuous Air Over
Plug	2 Pin Lyall M-2-24
Cable Length	16 Inches long
Cable Rating	300 V, 105 C 18/2 CSA
Cable Rating	300 V, 105 C 18/2 UL
Shaft Diameter	8 mm / .3125 in
Mounting Pattern	4 Hole Front Mount
Mounting Pattern	4 Hole Rear Mount
Mounting Stud Size	10-32 in
Moisture Protection	IP65
Fan Blade Pitch	12 inches, 18 degrees
Fan Blade Pitch	10 inches, 22 degrees
Speeds	Single
Design Life	10 years
Warranty	2 years
Maximum Operating Altitude	3048 m / 10,000 ft
Weight Motor Only	3 lbs / 1.36 kg
Weight Motor Only, Boxed	3.5 lbs / 1.58 kg
Box Dimension Motor Only	LxWxH 7.25 in x 7.5 in x 6.5 in
Efficiency @50W (rated power)	81%
Power Factor	0.97
Amps	0.282 A
Volts	230 V

IP65
CERTIFIED



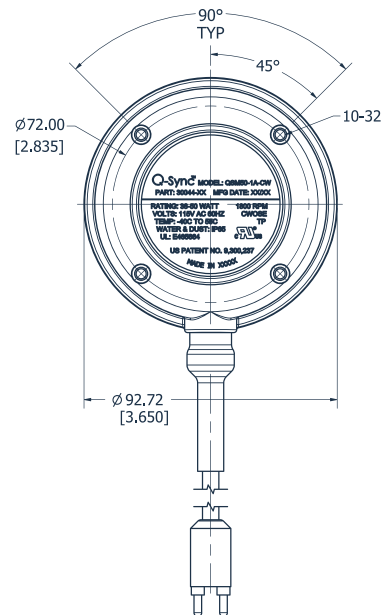
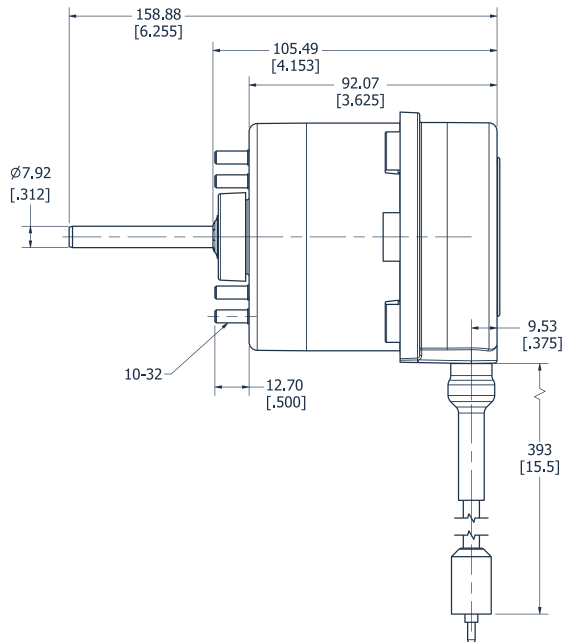
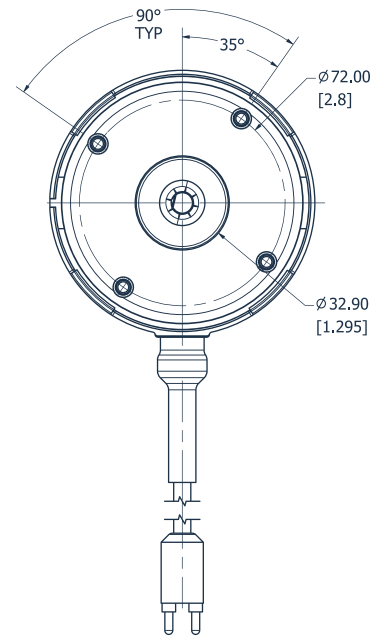
ASSEMBLY



METRIC-mm [ENGLISH-in]
DIMENSIONAL TOLERANCE
(Unless Otherwise Specified)

X.XX	±0.13
[.XXX]	±[.005]
X.X	±0.25
[.XX]	±[.010]
X	±0.5
[.X or FRACTIONAL]	±[.020]

Do Not Scale Print



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Information contained herein is Confidential. Where furnished with a proposal, the recipient shall use it solely for the purposes of inspection, installation, or maintenance. Where furnished to a supplier, it shall be used solely in the performance of the contract. The information shall not be used or disclosed by the recipient for any other purpose.

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