



## 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



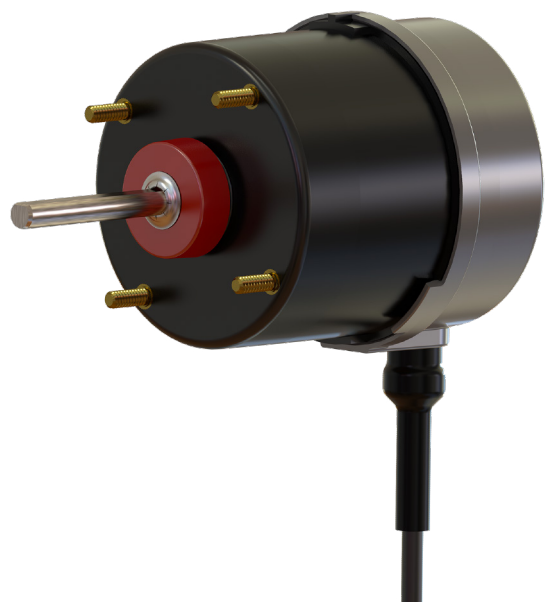
Design life of  
>10 years



Ease of Install



Rebate-friendly



Q-Sync® 38-50W 60Hz/115V

## PRODUCT SPECIFICATIONS

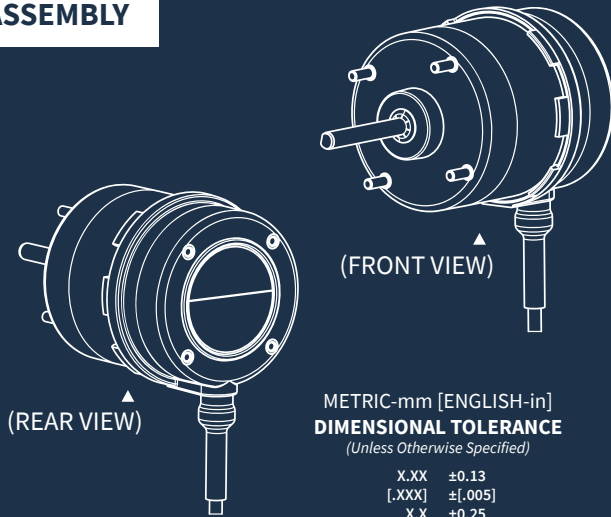
Q-Sync® Synchronous Motor

Model	QSM50-1A-CC
Customer model	30076-00
Volts	115 V
Voltage Range	95-132 V
Running Current (Amps)	0.54 A
Locked Rotor Current (Amps)	5.62 A
Horse Power	1/15 HP
Watts	38-50 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	0.96
Amps	0.537 A
Volts	115 V

IP65  
CERTIFIED



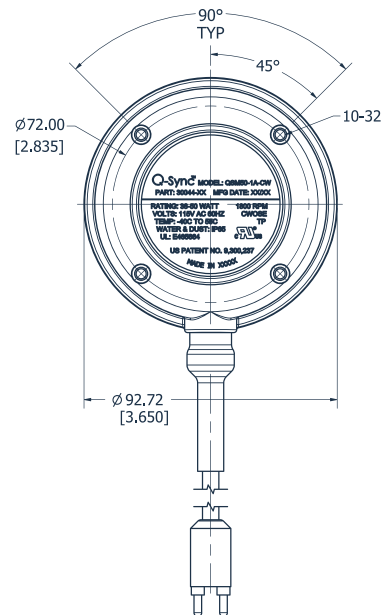
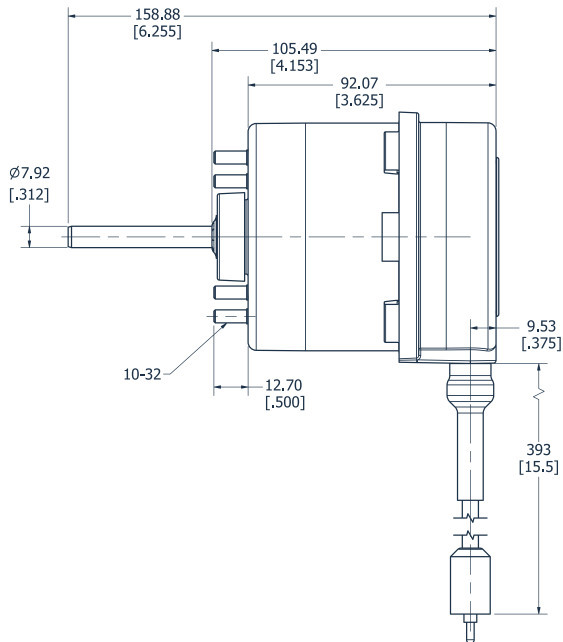
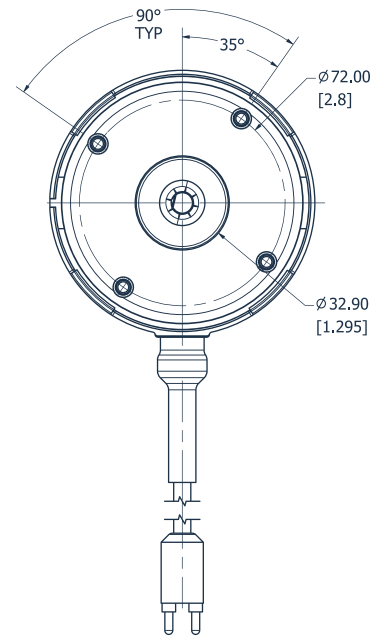
## ASSEMBLY



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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