

.5018ES3EBMW56CFL-S Cut Sheet



WEG Electric S standard efficiency AC induction motor, general purpose, inverter rated and brake, 1/2hp, 3-phase, 208-230/460 VAC, 1800rpm, TEFC, NEMA 56C frame, rolled steel, C-face mount. Stearns 104817100KQ brake assembly included.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/.5018ES3EBMW56CFL-S>

Technical Specifications

Brand	WEG Electric
Item	Motor
Series	S
Efficiency Group	Standard efficiency
Efficiency	72
Voltage Type	AC
Motor Type	Induction
Motor Application	General purpose, inverter rated and brake
Horsepower Rating	1/2hp
Number of Phases	3
Voltage Rating	208-230/460 VAC
Synchronous Speed	1800rpm
Nameplate RPM	1730rpm
Overload Type	None
Enclosure Type	TEFC
Shaft Type	Round with square key
Shaft Diameter	5/8in
Shaft Material	1045 carbon steel

Motor Frame	NEMA 56C
Frame Material	Rolled steel
Electrically Reversible	Yes
Insulation Class	Class F
IP Rating	IP55
Constant Torque Rating	10:1
Variable Torque Rating	1000:1
Service Factor	1.15
Integrated Brake	Yes
Brake Voltage Rating	208-230/460 VAC
Brake Torque Rating	2.95 lb-ft
Brake IP Rating	IP23
Manual Brake Release	Yes
Junction Box Orientation	F1
Mounting	C-face
Mounting Orientation	Horizontal or vertical
Includes	Stearns 104817100KQ brake assembly

Agency Approvals

UL Listed File #	E104590
CE	None
CSA File #	LR38324
RoHS Status	No
EU REACH	View EU REACH document

Dimensional Drawings



2D Drawing PDF Link:
<https://cdn.automationdirect.com/static/drawings/2d/.5018ES3EBMW56CFL-S.pdf>
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