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 PRODUCT-DETAILS

# CEM3309T

## General Purpose Motor 5 Hp 230 V (CEM3309T)




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**General Information**

Global Commercial Alias	CEM3309T
Product ID	7BCEM3309T
ABB Type Designation	5HP,1160RPM,3PH,60HZ,215TC,OPSB,F1
Catalog Description	General Purpose Motor 5 Hp 230 V (CEM3309T)

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**Additional Information**

ABB Type Designation	5HP,1160RPM,3PH,60HZ,215TC,OPSB,F1
Ambient Temperature	40 °C
Bearing	6307 Ball
Bearing NDE	6206 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	CEM3309T
Certification Agency	CSA CSA EEV UR

Country of Origin	United States (US)
Customs Tariff Number	85015220
Dimension Diagram	37LYB102
Drive End Flange Type	C-Face
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	Premium Efficiency (NEMA 12-12)

## Electrical Data

Current	Freq	Power	Speed	Voltage
14.8 A	60 Hz	5 Hp	1160 r/min	230 V
7.4 A	60 Hz	5 Hp	1160 r/min	460 V

Enclosure Type	OPSB
Frame Material	Steel
Frame Size	215
Frequency (f)	60 Hz
Global Commercial Alias	CEM3309T
Gross Volume	5274.135 in <sup>3</sup>
Gross Weight	141 lb
IDEA Granular Category Code (IGCC)	1328 >> Multi phase motor AC
Insulation Class	F
Invoice Description	5HP,1160RPM,3PH,60HZ,215TC,OPSB,F1
Made To Order	No
Medium Description	General Purpose 3PH Open, 5 HP, 1200 RPM, Frame Size 215Tc, C-Face Mounting, 3 Phase, OPSB Enclosure, 230/460 V, 60 Hz (CEM3309T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	215TC
Motor Frame Suffix	TC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	6
Number of Poles (High)	6
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	5 Hp
Power Factor	71 %
Product Name	General Purpose 3PH Open
Product Net Depth / Length	21.625 in
Product Net Height	15.125 in
Product Net Weight	141 lb
Product Net Width	16.125 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	14.8 A 7.4 A
Rated Efficiency	89.50 %
Rated Speed	1160 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Shaft Diameter	1.38 in

Short Description	5 HP, 1200 RPM, Frame Size 215Tc, C-Face, 3 PH, OPSB, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
	1200 r/min
Type of Duty	Continuous
UNSPSC	26101115
Voltage Rating	230 V 460 V

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## Categories

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Motors and Generators → NEMA Low Voltage AC Motors → General Purpose Motors → Three Phase Open

