



 PRODUCT-DETAILS

CEM2550T

General Purpose Motor 100 Hp 230 V (CEM2550T)



General Information

Global Commercial Alias	CEM2550T
Product ID	7BCEM2550T
ABB Type Designation	100HP,3540RPM,3PH,60HZ,365TSC,OPSB,
Catalog Description	General Purpose Motor 100 Hp 230 V (CEM2550T)

Additional Information

ABB Type Designation	100HP,3540RPM,3PH,60HZ,365TSC,OPSB,
Ambient Temperature	40 °C
Bearing	6313 Ball
Bearing NDE	6311 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	CEM2550T
Certification Agency	CSA CSA EEV UR

Country of Origin	United States (US)
Customs Tariff Number	85015230
Dimension Diagram	42LY-000-021
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
220 A	60 Hz	100 Hp	3540 r/min	230 V
110 A	60 Hz	100 Hp	3540 r/min	460 V

Enclosure Type	OPSB
Frame Material	Steel
Frame Size	365
Frequency (f)	60 Hz
Global Commercial Alias	CEM2550T
Gross Volume	14448.906 in ³
Gross Weight	260.362 kg
IDEA Granular Category Code (IGCC)	1328 >> Multi phase motor AC
Insulation Class	F
Invoice Description	100HP,3540RPM,3PH,60HZ,365TSC,OPSB,F1
Made To Order	No
Medium Description	General Purpose 3PH Open, 100 HP, 3600 RPM, Frame Size 365Tsc, C-Face Mounting, 3 Phase, OPSB Enclosure, 230/460 V, 60 Hz (CEM2550T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	365TSC
Motor Frame Suffix	TSC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	2
Number of Poles (High)	2
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	100 Hp
Power Factor	91 %
Product Name	General Purpose 3PH Open
Product Net Depth / Length	31 in
Product Net Height	19.625 in
Product Net Weight	260.362 kg
Product Net Width	23.75 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	220 A 110 A
Rated Efficiency	93.60 %
Rated Speed	3540 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Shaft Diameter	1.88 in

Short Description	100 HP, 3600 RPM, Frame Size 365Tsc, 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
Type of Duty	3600 r/min Continuous
UNSPSC	26101115
Voltage Rating	230 V 460 V

Categories

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

