



 PRODUCT-DETAILS

EM3211TA

General Purpose Motor 3 Hp 230 V (EM3211TA)



General Information

Global Commercial Alias	EM3211TA
Product ID	7BEM3211TA
ABB Type Designation	3HP,1755RPM,3PH,60HZ,182T,3632M,OPS
Catalog Description	General Purpose Motor 3 Hp 230 V (EM3211TA)

Additional Information

ABB Type Designation	3HP,1755RPM,3PH,60HZ,182T,3632M,OPS
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6206 Ball
Bearing NDE	6205 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	EM3211TA
Certification Agency	CSA

CSA EEV
UR

Country of Origin	United States (US)
Customs Tariff Number	85015220
Design	B
Dimension Diagram	36LYB101
Direction of Rotation	Both sides
Drive End Flange Type	Standard
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	2015 Small Motor Standard IE3 Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
8.8 A	60 Hz	3 Hp	1760 r/min	230 V
4.4 A	60 Hz	3 Hp	1760 r/min	460 V

Enclosure Type	OPSB
Frame Material	Steel
Frame Size	182
Frequency (f)	60 Hz
Global Commercial Alias	EM3211TA
Gross Volume	3496.049 in ³
Gross Weight	65 lb
Horsepower Rating UL/CSA	3.000 Hp
IC Class	OPSB
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	F1
Insulation Class	F
Invoice Description	3HP,1755RPM,3PH,60HZ,182T,3632M,OPSB,F1
Lubrication	Regreasable
Made To Order	No
Medium Description	General Purpose 3PH Open, 3 HP, 1800 RPM, Frame Size 182T, Standard Mounting, 3 Phase, OPSB Enclosure, 230/460 V, 60 Hz (EM3211TA)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	182T
Motor Frame Suffix	T
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	3 Hp
Power Factor	75 %
Product Name	General Purpose 3PH Open
Product Net Depth / Length	19.375 in

Product Net Height	13.123 in
Product Net Weight	65 lb
Product Net Width	13.75 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	8.8 A 4.4 A
Rated Efficiency	89.50 %
Rated Speed	1760 r/min
Selling Unit of Measure	piece
Service Factor	1.15
Service Factor Percentage	1.15 %
Shaft Diameter	1.13 in
Short Description	3 HP, 1800 RPM, Frame Size 182T, Standard, 3 PH, OPSB, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Temperature Class Default	1800 r/min --
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101112
Voltage Code	K
Voltage Rating	230 V 460 V

Categories

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

