



 PRODUCT-DETAILS

EM31158

General Purpose Motor 3 Hp 230 V (EM31158)



General Information

Global Commercial Alias	EM31158
Product ID	7BEM31158
ABB Type Designation	3HP,3450RPM,3PH,60HZ,56H,3528M,ODP,
Catalog Description	General Purpose Motor 3 Hp 230 V (EM31158)

Additional Information

ABB Type Designation	3HP,3450RPM,3PH,60HZ,56H,3528M,ODP,
Ambient Temperature	40 °C
Bearing	6205 Ball
Bearing NDE	6203 Ball
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	EM31158
Certification Agency	C UR US ENERGY
Country of Origin	United States (US)

Customs Tariff Number	85015220
Dimension Diagram	35LYJ382
Drive End Flange Type	Standard
Duty Time	60 Min
ETIM 7	EC001851 - Electric motor
Efficiency Level	2015 Small Motor Standard IE2 Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
7.6 A	60 Hz	3 Hp	3450 r/min	230 V
3.8 A	60 Hz	3 Hp	3450 r/min	460 V

Enclosure Type	OPEN
Frame Material	Steel
Frame Size	56
Frequency (f)	60 Hz
Global Commercial Alias	EM31158
Gross Volume	3496.049 in ³
Gross Weight	50 lb
IDEA Granular Category Code (IGCC)	1325 >> General purpose motor AC
Insulation Class	F
Invoice Description	3HP,3450RPM,3PH,60HZ,56H,3528M,ODP,F1,N
Made To Order	No
Medium Description	General Purpose 3PH Open, 3 HP, 3600 RPM, Frame Size 56H, Standard Mounting, 3 Phase, OPEN Enclosure, 230/460 V, 60 Hz (EM31158)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	56H
Motor Frame Suffix	H
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	2
Number of Poles (High)	2
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	3 Hp
Power Factor	89 %
Product Name	General Purpose 3PH Open
Product Net Depth / Length	19.375 in
Product Net Height	13.123 in
Product Net Weight	50 lb
Product Net Width	13.75 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	7.6 A 3.8 A
Rated Efficiency	85.50 %
Rated Speed	3450 r/min
Selling Unit of Measure	piece
Service Factor	1.15

Shaft Diameter	0.63 in
Short Description	3 HP, 3600 RPM, Frame Size 56H, Standard, 3 PH, OPEN, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
	3600 r/min
Type of Duty	Continuous
UNSPSC	26101112
Voltage Rating	230 V 460 V

Categories

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

