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 PRODUCT-DETAILS

# ECS101T1H1DF4

## ECM IMD 1 Hp 230 V (ECS101T1H1DF4)




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**General Information**

Global Commercial Alias	ECS101T1H1DF4
Product ID	7BECS101T1H1DF4
ABB Type Designation	1HP, 1800RPM, 3PH, 60HZ, 143T, 3516B, TEF
Catalog Description	ECM IMD 1 Hp 230 V (ECS101T1H1DF4)

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**Additional Information**

ABB Type Designation	1HP, 1800RPM, 3PH, 60HZ, 143T, 3516B, TEF
Ambient Temperature	40 °C
Base Speed	1800 r/min
Bearing	6205
Bearing NDE	6203
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ECS101T1H1DF4
Certification Agency	BLUETOOTH CULUS WEEE
Country of Origin	United States (US)
Customs Tariff Number	85015100

Drive End Flange Type	Standard
Efficiency Level	IE5

## Electrical Data

Current	Freq	Power	Speed	Voltage
2.4 A	60 Hz	1 Hp	1800 r/min	230 V

Enclosure Type	TEFC
Frame Material	Steel
Frame Size	143
Frequency (f)	60 Hz
Global Commercial Alias	ECS101T1H1DF4
Gross Volume	7192.91 in <sup>3</sup>
Gross Weight	37 lb
Insulation Class	F
Invoice Description	1HP,1800RPM,3PH,60HZ,143T,3516B,TEFC,F1
Made To Order	No
Medium Description	ECM IMD, 1 HP, 1800 RPM, Frame Size 143T, Standard Mounting, 3 Phase, TEFC Enclosure, 230 V, 60 Hz (ECS101T1H1DF4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	143T
Mounting Orientation	Horizontal
Mounting Position	F1
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	single_speed
Order Multiple	1 piece
Output Power	1 Hp
Power Factor	97 %
Product Name	ECM IMD
Product Net Depth / Length	26.625 in
Product Net Height	16.25 in
Product Net Weight	37 lb
Product Net Width	16.625 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	2.40 A
Rated Efficiency	89.30 %
Rated Speed	1800 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	0.88 in
Shaft Grounding	Shaft Grounding
Short Description	1 HP, 1800 RPM, Frame Size 143T, Standard, 3 PH, TEFC, 230 V
Standards	NEMA
Starting of Motor	Direct on line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Type of Duty	Continuous
Voltage Rating	230 V

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## Categories

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Motors and Generators → Motors for Inverter/Vector Duty Applications → Variable Speed AC Motors → EC Titanium

