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 PRODUCT-DETAILS

# ECS100T4H7FB4

## ECM IMD 7.5 Hp 460 V (ECS100T4H7FB4)




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**General Information**

Global Commercial Alias	ECS100T4H7FB4
Product ID	7BECS100T4H7FB4
ABB Type Designation	7.5HP,1800RPM,3PH,60HZ,213TC,TEFC,T
Catalog Description	ECM IMD 7.5 Hp 460 V (ECS100T4H7FB4)

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**Additional Information**

ABB Type Designation	7.5HP,1800RPM,3PH,60HZ,213TC,TEFC,T
Ambient Temperature	40 °C
Base Speed	1800 r/min
Bearing	6307
Bearing NDE	6206
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	ECS100T4H7FB4
Certification Agency	BLUETOOTH CULUS WEEE

Country of Origin	United States (US)
Customs Tariff Number	85015220
Drive End Flange Type	C-Face
Efficiency Level	IE5

## Electrical Data

Current	Freq	Power	Speed	Voltage
8.7 A	60 Hz	7.5 Hp	1800 r/min	460 V

Enclosure Type	TEFC
Frame Material	Steel
Frame Size	213
Frequency (f)	60 Hz
Global Commercial Alias	ECS100T4H7FB4
Gross Volume	10388.25 in <sup>3</sup>
Gross Weight	167 lb
Insulation Class	F
Invoice Description	7.5HP,1800RPM,3PH,60HZ,213TC,TEFC,TOP
Made To Order	No
Medium Description	ECM IMD, 7.5 HP, 1800 RPM, Frame Size 213Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (ECS100T4H7FB4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	213TC
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	7.5 Hp
Power Factor	92 %
Product Name	ECM IMD
Product Net Depth / Length	27 in
Product Net Height	21.375 in
Product Net Weight	167 lb
Product Net Width	18 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	8.70 A
Rated Efficiency	94.70 %
Rated Speed	1800 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	1.38 in
Shaft Grounding	Shaft Grounding
Short Description	7.5 HP, 1800 RPM, Frame Size 213Tc, C-Face, 3 PH, TEFC, 460 V
Standards	NEMA
Starting of Motor	Direct on line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Type of Duty	1800 r/min Continuous

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## Categories

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

