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 PRODUCT-DETAILS

# IDVSM4103T

## AC VS Master 25 Hp 230 V (IDVSM4103T)




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**General Information**

Global Commercial Alias	IDVSM4103T
Product ID	7BIDVSM4103T
ABB Type Designation	25HP,1775RPM,3PH,60HZ,284TC,1054M,T
Catalog Description	AC VS Master 25 Hp 230 V (IDVSM4103T)

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**Additional Information**

ABB Type Designation	25HP,1775RPM,3PH,60HZ,284TC,1054M,T
Altitude	1000 m
Ambient Temperature	40 °C
Base Speed	1800 r/min
Bearing	6311, Ball
Bearing NDE	6309
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	IDVSM4103T
Certification Agency	CSA UR

Country of Origin	United States (US)
Customs Tariff Number	85015230
Dimension Diagram	10LYH810
Direction of Rotation	Both sides
Drive End Flange Type	C-Face
ETIM 7	EC001851 - Electric motor
Efficiency Level	Premium Efficiency (NEMA 12-12)

## Electrical Data

Current	Freq	Power	Speed	Voltage
62 A	60 Hz	25 Hp	1775 r/min	230 V
31 A	60 Hz	25 Hp	1775 r/min	460 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	284
Frequency (f)	60 Hz
Global Commercial Alias	IDVSM4103T
Gross Volume	18748.226 in <sup>3</sup>
Gross Weight	446 lb
IC Class	TEFC
IDEA Granular Category Code (IGCC)	1328 >> Multi phase 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	25HP,1775RPM,3PH,60HZ,284TC,1054M,TEFC,F
Lubrication	Regreasable
Made To Order	No
Maximum Speed	2700 r/min
Medium Description	AC VS Master, 25 HP, 1800 RPM, Frame Size 284Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (IDVSM4103T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	284TC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	4
Number of Poles (High)	4
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	25 Hp
Power Factor	81 %
Product Name	AC VS Master
Product Net Depth / Length	33.75 in
Product Net Height	21.625 in
Product Net Weight	446 lb
Product Net Width	25.688 in
Product Type	Undefined
Quote Only	No
Rated Current (I <sub>n</sub> )	62 A 31 A

Rated Efficiency	93.60 %
Rated Speed	1775 r/min
Replaced Product ID (OLD)	7B10H810Z651G1
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	1.88 in
Short Description	25 HP, 1800 RPM, Frame Size 284Tc, C-Face, 3 PH, TEFC, 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	26101115
Voltage Code	G
Voltage Rating	230 V 460 V

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## Categories

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Motors and Generators → Motors for Inverter/Vector Duty Applications → Variable Speed AC Motors → AC VS Master Motors

