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 PRODUCT-DETAILS

# IDM3664T

## AC Inverter / Vector Duty 2 Hp 230 V (IDM3664T)




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### General Information

Global Commercial Alias	IDM3664T
Product ID	7BIDM3664T
ABB Type Designation	2HP,1165RPM,3PH,60HZ,184TC,0642M,TE
Catalog Description	AC Inverter / Vector Duty 2 Hp 230 V (IDM3664T)

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### Additional Information

ABB Type Designation	2HP,1165RPM,3PH,60HZ,184TC,0642M,TE
Altitude	1000 m
Ambient Temperature	40 °C
Base Speed	1200 r/min
Bearing	6206, Ball
Bearing NDE	6205
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	IDM3664T
Certification Agency	CSA UR

Country of Origin	United States (US)
Customs Tariff Number	85015220
Dimension Diagram	06LYF552
Direction of Rotation	Both sides
Drive End Flange Type	C-Face
ETIM 7	EC001851 - Electric motor
Efficiency Level	IE3 Not Regulated / Exempt Premium Efficiency (NEMA 12-12)

## Electrical Data

Current	Freq	Power	Speed	Voltage
6.4 A	60 Hz	2 Hp	1165 r/min	230 V
3.2 A	60 Hz	2 Hp	1165 r/min	460 V

Enclosure Type	TEBC
Frame Material	Iron
Frame Size	184
Frequency (f)	60 Hz
Global Commercial Alias	IDM3664T
Gross Volume	7561.383 in <sup>3</sup>
Gross Weight	124 lb
IC Class	TEBC
IDEA Granular Category Code (IGCC)	1319 >> Inverter motor AC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	F1
Insulation Class	H
Invoice Description	2HP,1165RPM,3PH,60HZ,184TC,0642M,TEBC,F1
Lubrication	Regreasable
Made To Order	No
Maximum Speed	2200 r/min
Medium Description	AC Inverter / Vector Duty, 2 HP, 1200 RPM, Frame Size 184Tc, C-Face Mounting, 3 Phase, TEBC Enclosure, 230/460 V, 60 Hz (IDM3664T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	184TC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	B
Number of Phases	3
Number of Poles	6
Number of Poles (High)	6
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	2 Hp
Power Factor	68 %
Product Name	AC Inverter / Vector Duty
Product Net Depth / Length	26.375 in
Product Net Height	17.375 in
Product Net Weight	124 lb
Product Net Width	16.5 in
Product Type	Undefined
Quote Only	No

Rated Current (I <sub>n</sub> )	6.4 A 3.2 A
Rated Efficiency	88.50 %
Rated Speed	1165 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	1.13 in
Short Description	2 HP, 1200 RPM, Frame Size 184Tc, C-Face, 3 PH, TEBC, 230/460 V
Standards	NEMA
Starting of Motor	Direct On Line
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
	1200 r/min
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101106
Voltage Code	K
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 Inverter/Vector Duty Motors

