



 PRODUCT-DETAILS

IDM3768T

AC Inverter / Vector Duty 5 Hp 230 V (IDM3768T)



General Information

Global Commercial Alias	IDM3768T
Product ID	7BIDM3768T
ABB Type Designation	48M 6P TEBC HOR 215TC T'STATS INVER
Catalog Description	AC Inverter / Vector Duty 5 Hp 230 V (IDM3768T)

Additional Information

ABB Type Designation	48M 6P TEBC HOR 215TC T'STATS INVER
Altitude	1000 m
Ambient Temperature	40 °C
Base Speed	1200 r/min
Bearing	6307, Ball
Bearing NDE	6206
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	IDM3768T
Certification Agency	CSA UR
Country of Origin	United States (US)

Customs Tariff Number	85015220
Dimension Diagram	07LYD515
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
14.6 A	60 Hz	5 Hp	1160 r/min	230 V
7.3 A	60 Hz	5 Hp	1160 r/min	460 V

Enclosure Type	TEBC
Frame Material	Iron
Frame Size	215
Frequency (f)	60 Hz
Global Commercial Alias	IDM3768T
Gross Volume	9144.346 in ³
Gross Weight	226 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	48M 6P TEBC HOR 215TC T'STATS INVERTER
Lubrication	Regreasable
Made To Order	No
Maximum Speed	2000 r/min
Medium Description	AC Inverter / Vector Duty, 5 HP, 1200 RPM, Frame Size 215Tc, C-Face Mounting, 3 Phase, TEBC Enclosure, 230/460 V, 60 Hz (IDM3768T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	215TC
Mounting Orientation	Horizontal
Mounting Position	F1
NEMA Design Code	A
Number of Phases	3
Number of Poles	6
Number of Poles (High)	6
Number of Speeds	Single Speed
Order Multiple	1 piece
Output Power	5 Hp
Power Factor	72 %
Product Name	AC Inverter / Vector Duty
Product Net Depth / Length	28.625 in
Product Net Height	17.625 in
Product Net Weight	226 lb
Product Net Width	18.125 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	14.6 A 7.3 A
Rated Efficiency	90.20 %
Rated Speed	1160 r/min
Selling Unit of Measure	piece
Service Factor	1.00

Shaft Diameter	1.38 in
Short Description	5 HP, 1200 RPM, Frame Size 215Tc, 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

Categories

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

