



 PRODUCT-DETAILS

IDVSM4408T-4

AC VS Master 250 Hp 460 V (IDVSM4408T-4)



General Information

Global Commercial Alias	IDVSM4408T-4
Product ID	7BIDVSM4408T-4
ABB Type Designation	250HP,1790-2685RPM,3PH,60-90HZ,449T
Catalog Description	AC VS Master 250 Hp 460 V (IDVSM4408T-4)

Additional Information

ABB Type Designation	250HP,1790-2685RPM,3PH,60-90HZ,449T
Altitude	1000 m
Ambient Temperature	40 °C
Base Speed	1800 r/min
Bearing	90BC03J30X, Ball
Bearing NDE	6318C3VL0241
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	IDVSM4408T-4
Certification Agency	CCSA US
Country of Origin	United States (US)

Customs Tariff Number	85015381
Dimension Diagram	617427-003
Direction of Rotation	Both sides
Drive End Flange Type	Standard
ETIM 7	EC001851 - Electric motor
Efficiency Level	Energy Efficiency (NEMA 12-11)

Electrical Data

Current	Freq	Power	Speed	Voltage
277 A	60 Hz	250 Hp	1790 r/min	460 V
272 A	90 Hz	250 Hp	2685 r/min	460 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	449
Frequency (f)	60 Hz 90 Hz
Global Commercial Alias	IDVSM4408T-4
Gross Volume	80703 in ³
Gross Weight	1225.153 kg
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	250HP,1790-2685RPM,3PH,60-90HZ,449T,A441
Lubrication	Regreasable
Made To Order	No
Maximum Speed	3600 r/min
Medium Description	AC VS Master, 250 HP, 1800 RPM, Frame Size 449T, Standard Mounting, 3 Phase, TEFC Enclosure, 460 V, 60 Hz (IDVSM4408T-4)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	449T
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	250 Hp
Power Factor	87 %
Product Name	AC VS Master
Product Net Depth / Length	63 in
Product Net Height	30.5 in
Product Net Weight	1225.153 kg
Product Net Width	42 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	277 A
Rated Efficiency	95.80 %

Rated Speed	1790 r/min 2685 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	3.38 in
Short Description	250 HP, 1800 RPM, Frame Size 449T, Standard, 3 PH, TEFC, 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	L
Voltage Rating	460 V

Categories

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

