



 PRODUCT-DETAILS

IDVSM4104T

AC VS Master 30 Hp 230 V (IDVSM4104T)



General Information

Global Commercial Alias	IDVSM4104T
Product ID	7BIDVSM4104T
ABB Type Designation	30HP,1760RPM,3PH,60HZ,286TC,1056M,T
Catalog Description	AC VS Master 30 Hp 230 V (IDVSM4104T)

Additional Information

ABB Type Designation	30HP,1760RPM,3PH,60HZ,286TC,1056M,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	IDVSM4104T
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	IE3 Not Regulated / Exempt Premium Efficiency (NEMA 12-12)

Electrical Data

Current	Freq	Power	Speed	Voltage
76 A	60 Hz	30 Hp	1760 r/min	230 V
38 A	60 Hz	30 Hp	1760 r/min	460 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	286
Frequency (f)	60 Hz
Global Commercial Alias	IDVSM4104T
Gross Volume	18748.226 in ³
Gross Weight	457 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	30HP,1760RPM,3PH,60HZ,286TC,1056M,TEFC,F
Lubrication	Regreasable
Made To Order	No
Maximum Speed	2700 r/min
Medium Description	AC VS Master, 30 HP, 1800 RPM, Frame Size 286Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (IDVSM4104T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	286TC
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	30 Hp
Power Factor	80 %
Product Name	AC VS Master
Product Net Depth / Length	33.75 in
Product Net Height	21.625 in
Product Net Weight	457 lb
Product Net Width	25.688 in
Product Type	Undefined
Quote Only	No

Rated Current (I _n)	76 A 38 A
Rated Efficiency	93.60 %
Rated Speed	1760 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	1.88 in
Short Description	30 HP, 1800 RPM, Frame Size 286Tc, 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
	1800 r/min
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous
UNSPSC	26101115
Voltage Code	H
Voltage Rating	230 V 460 V

Categories

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

