



 PRODUCT-DETAILS

IDVSM3770T

AC VS Master 7.5 Hp 230 V (IDVSM3770T)



General Information

Global Commercial Alias	IDVSM3770T
Product ID	7BIDVSM3770T
ABB Type Designation	7.5HP,1770RPM,3PH,60HZ,213TC,0738M,
Catalog Description	AC VS Master 7.5 Hp 230 V (IDVSM3770T)

Additional Information

ABB Type Designation	7.5HP,1770RPM,3PH,60HZ,213TC,0738M,
Altitude	1000 m
Ambient Temperature	40 °C
Base Speed	1800 r/min
Bearing	6307, Ball
Bearing NDE	6206
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	IDVSM3770T
Certification Agency	CSA UR

Country of Origin	United States (US)
Customs Tariff Number	85015220
Dimension Diagram	07LYM288
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
19 A	60 Hz	7.5 Hp	1770 r/min	230 V
9.5 A	60 Hz	7.5 Hp	1770 r/min	460 V

Enclosure Type	TEFC
Frame Material	Iron
Frame Size	213
Frequency (f)	60 Hz
Global Commercial Alias	IDVSM3770T
Gross Volume	9144.346 in ³
Gross Weight	180 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	7.5HP,1770RPM,3PH,60HZ,213TC,0738M,TEFC
Lubrication	Regreasable
Made To Order	No
Maximum Speed	4000 r/min
Medium Description	AC VS Master, 7.5 HP, 1800 RPM, Frame Size 213Tc, C-Face Mounting, 3 Phase, TEFC Enclosure, 230/460 V, 60 Hz (IDVSM3770T)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	213TC
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	7.5 Hp
Power Factor	81 %
Product Name	AC VS Master
Product Net Depth / Length	28.625 in
Product Net Height	17.625 in
Product Net Weight	180 lb
Product Net Width	18.125 in
Product Type	Undefined
Quote Only	No
Rated Current (I _n)	19 A 9.5 A

Rated Efficiency	91.70 %
Rated Speed	1770 r/min
Selling Unit of Measure	piece
Service Factor	1.00
Shaft Diameter	1.38 in
Short Description	7.5 HP, 1800 RPM, Frame Size 213Tc, 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	J
Voltage Rating	230 V 460 V

Categories

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

