



 PRODUCT-DETAILS

CD3451

DC Wound Field Fractional HP 0.5 Hp (CD3451)



General Information

Global Commercial Alias	CD3451
Product ID	7BCD3451
ABB Type Designation	.5HP,1750RPM,DC,56C,3420D,TEFC,F1,N
Catalog Description	DC Wound Field Fractional HP 0.5 Hp (CD3451)

Additional Information

ABB Type Designation	.5HP,1750RPM,DC,56C,3420D,TEFC,F1,N
Altitude	1000 m
Ambient Temperature	40 °C
Armature Current	2.6 A
Armature Voltage	180 V
Base Speed	1750 r/min
Bearing	6203, Sealed Bearing
Bearing NDE	6203
Brake Present	No
Brand / Label	Baldor-Reliance
Catalog Number	CD3451
Certification Agency	CSA

Country of Origin	UR United States (US)
Customs Tariff Number	85015100
Dimension Diagram	34LY6172
Direction of Rotation	Both sides
Drive End Flange Type	Standard
ETIM 7	EC001851 - Electric motor
Enclosure Type	TEFC
Field Current	0.25 A 0.5 A
Field Voltage	200 V 100 V
Frame Material	Steel
Frame Size	56
Global Commercial Alias	CD3451
Gross Volume	2200.078 in ³
Gross Weight	28 lb
Horsepower Rating UL/CSA	0.500 Hp
IC Class	TEFC
IE Class Data (50 Hz)	IE Class NA
IE Class Data (60 Hz)	IE Class NA
IM Class	F1
Insulation Class	F
Invoice Description	.5HP,1750RPM,DC,56C,3420D,TEFC,F1,N
Lubrication	Regreasable
Made To Order	No
Medium Description	DC Wound Field Fractional HP, 0.5 HP, Frame Size 56C, 0 Phase, TEFC Enclosure, (CD3451)
Minimum Order Quantity	1 piece
Motor Base Type	Foot Mounted
Motor Frame Size	56C
Mounting Orientation	Horizontal
Number of Phases	0
Order Multiple	1 piece
Output Power	0.5 Hp
Product Name	DC Wound Field Fractional HP
Product Net Depth / Length	18.625 in
Product Net Height	11.25 in
Product Net Weight	28 lb
Product Net Width	10.5 in
Product Type	Undefined
Quote Only	No
Rated Speed	1750 r/min
Replaced Product ID (OLD)	7B34-6172-2684
Selling Unit of Measure	piece
Service Factor	1.00
Service Factor Percentage	1.00 %
Shaft Diameter	0.63 in
Short Description	0.5 HP, Frame Size 56C, 0 PH, TEFC,
Standards	NEMA
Stocked At (Warehouses)	China Alabama, United States Alaska, United States
Temperature Class Default	--
Two Speed Motor	No
Type of Duty	Continuous

Categories

Motors and Generators → DC Motors → Fractional HP Motors → FHP Wound Field

