



PRODUCT-DETAILS

3GVR082451-BSE

Alum.AC brake motor

General Information

Product ID	3GVR082451-BSE
ABB Type Designation	M3VRS 80A 4
Catalog Description	Alum.AC brake motor

Additional Information

ABB Type Designation	M3VRS 80A 4
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6204-2Z/C3
Bearing NDE	6203-2Z/C3
Country of Origin	Poland (PL) Finland (FI)
Customs Tariff Number	85015100
Direction of Rotation	Both sides

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	380-420 V	0.55 kW	1400 r/min	1.50 A	0.760	75.30 %	3.75 N·m	4.60
D	--	50 Hz	220-240 V	0.55 kW	1400 r/min	2.60 A	0.760	75.30 %	3.75 N·m	4.60
Y	--	60 Hz	440-480 V	0.65 kW	1680 r/min	1.40 A	0.810	75.30 %	3.75 N·m	4.60
D	--	60 Hz	250-280 V	0.65 kW	1680 r/min	2.40 A	0.810	75.30 %	3.75 N·m	4.60

Gross Weight	11.2 kg
IC Class	IC411
IM Class	IMB5 IM3001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	Alum.AC brake motor
Lubrication	For life
Made To Order	No
Minimum Order Quantity	1 piece
Moment of Inertia	0.00128 kg/m³
Number of Poles (High)	4
Package Level 1 Units	1 carton
Product Name	3-Phase squirrel cage motor

Product Net Weight	11 kg
Product Type	VR__Motor
Quote Only	No
Replaced Product ID (OLD)	3GVR082451-BSA
Selling Unit of Measure	piece
Standards	IEC 60034-1
Starting of Motor	Direct Online
Stocked At (Warehouses)	Menden, Germany Vittuone, Italy
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	S
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Motors and Generators → IEC Low Voltage AC Motors → Brake Motors