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**PRODUCT-DETAILS****3GBP183420-HDG****M3BP 180MLB 6**

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**General Information**

Product ID	3GBP183420-HDG
ABB Type Designation	M3BP 180MLB 6
Catalog Description	M3BP 180MLB 6

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**Additional Information**

ABB Type Designation	M3BP 180MLB 6
Altitude	1000 m
Ambient Temperature	40 °C
Bearing	6310/C3
Bearing NDE	6209/C3
Country of Origin	Finland (FI)
Customs Tariff Number	85015230
Direction of Rotation	Both sides
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	18.50 kW	975 r/min	21.60 A	0.790	90.70 %	181.00 N-m	5.80
D	--	50 Hz	400 V	18.50 kW	975 r/min	37.20 A	0.790	90.70 %	181.00 N-m	5.80
D	--	50 Hz	415 V	18.50 kW	978 r/min	36.70 A	0.770	91.00 %	181.00 N-m	6.20
D	--	60 Hz	440 V	18.50 kW	1177 r/min	33.40 A	0.790	91.90 %	150.00 N-m	6.10
D	--	60 Hz	460 V	18.50 kW	1180 r/min	32.30 A	0.780	92.00 %	149.00 N-m	6.60

Gross Weight	231 kg
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 90.7 % Partial Load (75%) 92.0 % Partial Load (50%) 92.0 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 91.9 % Partial Load (75%) 92.5 % Partial Load (50%) 92.1 %
IM Class	IMB35 IM2001
IP Class	IP55
Insulation Class	ICLF
Invoice Description	M3BP 180MLB 6
Made To Order	No
Minimum Order Quantity	1 piece
Number of Poles (High)	6
Order Multiple	1 piece
Package Level 1 Units	0 pallet (lift)
Pre Modified Motor Product ID	3GBP183420-ADG
Product Name	3-Phase squirrel cage motor
Product Net Weight	221 kg
Product Type	3BP2__M3BP_IE2_CI
Quote Only	No
Replaced Product ID (OLD)	3GBP183034-HDG
SCIP	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland (FI)
Selling Unit of Measure	piece
Standards	IEC 60034-1
Temperature Class Default	--
Terminator Box Location	D-End top
Two Speed Motor	No
Type of Duty	S1
UNSPSC	26101100
Voltage Code	D
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)

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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Cast Iron Motors

