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PRODUCT-DETAILS

3GLT082712-HDB

M3LT 80A 4



General Information

Product ID	3GLT082712-HDB
ABB Type Designation	M3LT 80A 4
Catalog Description	M3LT 80A 4

Ordering

ABB Type Designation	M3LT 80A 4
Invoice Description	M3LT 80A 4
Product Name	High dynamic performance motors
Product Type	3LTB_M3LT_HDP_water_cooled_motor_
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	2.70 kW	1500 r/min	6.74 A	0.750	80.10 %	17.18 N·m	0.00
Y	--	60 Hz	460 V	3.20 kW	1800 r/min	6.71 A	0.760	82.20 %	16.98 N·m	5.70

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC71W
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 80.1 % Partial Load (75%) 81.3 % Partial Load (50%) 80.1 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 82.2 % Partial Load (75%) 83.3 % Partial Load (50%) 82.2 %
IP Class	IP55
Insulation Class	ICLH
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	80
Bearing	6305-2Z
Bearing NDE	6305-2Z
IM Class	IMB35 IM2001
Terminator Box Location	N-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	20.5 kg
Gross Weight	23.5 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → High Dynamic Performance Motors → HDP Induction Motors

PRODUCT-DETAILS

3GLT082722-HDB

M3LT 80B 4



General Information

Product ID	3GLT082722-HDB
ABB Type Designation	M3LT 80B 4
Catalog Description	M3LT 80B 4

Ordering

ABB Type Designation	M3LT 80B 4
Invoice Description	M3LT 80B 4
Product Name	High dynamic performance motors
Product Type	3LTB__M3LT__HDP__water_cooled_motor_
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	3.40 kW	1500 r/min	8.38 A	0.760	80.20 %	21.65 N·m	0.00
Y	--	60 Hz	460 V	4.00 kW	1800 r/min	8.32 A	0.760	82.30 %	21.23 N·m	5.70

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC71W
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 80.2 % Partial Load (75%) 81.7 % Partial Load (50%) 80.6 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 82.3 % Partial Load (75%) 83.6 % Partial Load (50%) 82.7 %
IP Class	IP55
Insulation Class	ICLH
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	80
Bearing	6305-2Z
Bearing NDE	6305-2Z
IM Class	IMB35 IM2001
Terminator Box Location	N-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	22 kg
Gross Weight	25 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → High Dynamic Performance Motors → HDP Induction Motors

PRODUCT-DETAILS

3GLT082732-HDB

M3LT 80C 4



General Information

Product ID	3GLT082732-HDB
ABB Type Designation	M3LT 80C 4
Catalog Description	M3LT 80C 4

Ordering

ABB Type Designation	M3LT 80C 4
Invoice Description	M3LT 80C 4
Product Name	High dynamic performance motors
Product Type	3LTB_M3LT_HDP_water_cooled_motor_
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	4.50 kW	1500 r/min	11.10 A	0.750	81.80 %	28.62 N-m	0.00
Y	--	60 Hz	460 V	5.30 kW	1800 r/min	11.10 A	0.750	83.70 %	28.13 N-m	6.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC71W
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 81.8 % Partial Load (75%) 83.3 % Partial Load (50%) 82.9 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 83.7 % Partial Load (75%) 84.8 % Partial Load (50%) 83.9 %
IP Class	IP55
Insulation Class	ICLH
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	80
Bearing	6305-2Z
Bearing NDE	6305-2Z
IM Class	IMB35 IM2001
Terminator Box Location	N-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	26.5 kg
Gross Weight	29.5 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → High Dynamic Performance Motors → HDP Induction Motors

PRODUCT-DETAILS

3GLT102711-HDB

M3LT 100A 4



General Information

Product ID	3GLT102711-HDB
ABB Type Designation	M3LT 100A 4
Catalog Description	M3LT 100A 4

Ordering

ABB Type Designation	M3LT 100A 4
Invoice Description	M3LT 100A 4
Product Name	High dynamic performance motors
Product Type	3LTB__M3LT__HDP__water_cooled_motor_
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	4.00 kW	1000 r/min	10.00 A	0.780	83.20 %	38.28 N·m	5.40
Y	--	60 Hz	460 V	5.00 kW	1200 r/min	9.66 A	0.790	84.30 %	39.78 N·m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC71W
IE Class Data (50 Hz)	IE Class IE1 Full Load (100%) 83.2 % Partial Load (75%) 85.7 % Partial Load (50%) 85.5 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 84.3 % Partial Load (75%) 86.0 % Partial Load (50%) 86.0 %
IP Class	IP55
Insulation Class	ICLH
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S9
Voltage Code	D

Mechanical

Frame Material	Aluminum
Frame Size	100
Bearing	6308-2Z
Bearing NDE	6308-2Z
IM Class	IMB35 IM2001
Terminator Box Location	N-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	42 kg
Gross Weight	47 kg

Classifications

UNSPSC	26101100
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Categories

Motors and Generators → IEC Low Voltage AC Motors → High Dynamic Performance Motors → HDP Induction Motors

Product	Information
3GLT162714-HDB	M3LT 160A 4
3GLT162716-HDB	M3LT 160A 4
3GLT162721-HDB	M3LT 160B 4
3GLT162722-HDB	M3LT 160B 4
3GLT162724-HDB	M3LT 160B 4
3GLT162726-HDB	M3LT 160B 4
3GLT162731-HDB	M3LT 160C 4
3GLT162732-HDB	M3LT 160C 4
3GLT162734-HDB	M3LT 160C 4
3GLT162736-HDB	M3LT 160C 4
3GLT162741-HDB	M3LT 160D 4
3GLT162742-HDB	M3LT 160D 4
3GLT162744-HDB	M3LT 160D 4
3GLT162746-HDB	M3LT 160D 4
3GLT182711-HDB	M3LT 180A 4
3GLT182712-HDB	M3LT 180A 4
3GLT182714-HDB	M3LT 180A 4
3GLT182716-HDB	M3LT 180A 4
3GLT182721-HDB	M3LT 180B 4
3GLT182722-HDB	M3LT 180B 4
3GLT182724-HDB	M3LT 180B 4
3GLT182726-HDB	M3LT 180B 4

Product	Information
3GLT182731-HDB	M3LT 180C 4
3GLT182732-HDB	M3LT 180C 4
3GLT182734-HDB	M3LT 180C 4
3GLT182736-HDB	M3LT 180C 4

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