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PRODUCT-DETAILS

3GET082712-HDB

M3ET 80A 4



General Information

Product ID	3GET082712-HDB
ABB Type Designation	M3ET 80A 4
Catalog Description	M3ET 80A 4

Ordering

ABB Type Designation	M3ET 80A 4
Invoice Description	M3ET 80A 4
Product Name	High dynamic performance motors
Product Type	3ETB_M3ET_HDP_IP55_
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	2.20 kW	1500 r/min	6.10 A	0.740	79.20 %	14.00 N-m	0.00
Y	--	60 Hz	460 V	2.60 kW	1800 r/min	6.00 A	0.750	81.60 %	13.78 N-m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC416
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 79.2 % Partial Load (75%) 80.7 % Partial Load (50%) 79.3 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 81.6 % Partial Load (75%) 82.7 % Partial Load (50%) 81.5 %
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	22.2 kg
Gross Weight	25.2 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

3GET082722-HDB

M3ET 80B 4



General Information

Product ID	3GET082722-HDB
ABB Type Designation	M3ET 80B 4
Catalog Description	M3ET 80B 4

Ordering

ABB Type Designation	M3ET 80B 4
Invoice Description	M3ET 80B 4
Product Name	High dynamic performance motors
Product Type	3ETB_M3ET_HDP_IP55_
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	7.40 A	0.740	79.60 %	17.17 N·m	0.00
Y	--	60 Hz	460 V	3.20 kW	1800 r/min	7.40 A	0.740	81.90 %	16.97 N·m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC416
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 79.6 % Partial Load (75%) 81.0 % Partial Load (50%) 79.7 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 81.9 % Partial Load (75%) 82.9 % Partial Load (50%) 81.6 %
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	23.9 kg
Gross Weight	26.9 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

3GET082732-HDB

M3ET 80C 4



General Information

Product ID	3GET082732-HDB
ABB Type Designation	M3ET 80C 4
Catalog Description	M3ET 80C 4

Ordering

ABB Type Designation	M3ET 80C 4
Invoice Description	M3ET 80C 4
Product Name	High dynamic performance motors
Product Type	3ETB__M3ET__HDP__IP55_
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	3.50 kW	1500 r/min	9.70 A	0.730	81.20 %	22.27 N-m	0.00
Y	--	60 Hz	460 V	4.00 kW	1800 r/min	9.40 A	0.730	83.40 %	21.20 N-m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC416
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 81.2 % Partial Load (75%) 82.2 % Partial Load (50%) 80.6 %
IE Class Data (60 Hz)	IE Class IE1 Full Load (100%) 83.4 % Partial Load (75%) 84.1 % Partial Load (50%) 82.5 %
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	28.4 kg
Gross Weight	31.4 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

3GET102711-HDB

M3ET 100A 4



General Information

Product ID	3GET102711-HDB
ABB Type Designation	M3ET 100A 4
Catalog Description	M3ET 100A 4

Ordering

ABB Type Designation	M3ET 100A 4
Invoice Description	M3ET 100A 4
Product Name	High dynamic performance motors
Product Type	3ETB__M3ET__HDP__IP55_
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	3.00 kW	1000 r/min	7.70 A	0.760	84.50 %	28.66 N-m	6.30
Y	--	60 Hz	460 V	3.50 kW	1200 r/min	7.50 A	0.760	85.90 %	27.84 N-m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC416
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 84.5 % Partial Load (75%) 85.9 % Partial Load (50%) 85.3 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 85.9 % Partial Load (75%) 86.2 % Partial Load (50%) 85.2 %
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	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	45 kg
Gross Weight	50 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
3GET082722-HDB	M3ET 80B 4
3GET082724-HDB	M3ET 80B 4
3GET082726-HDB	M3ET 80B 4
3GET082732-HDB	M3ET 80C 4
3GET082734-HDB	M3ET 80C 4
3GET082736-HDB	M3ET 80C 4
3GET102711-HDB	M3ET 100A 4
3GET102712-HDB	M3ET 100A 4
3GET102714-HDB	M3ET 100A 4
3GET102716-HDB	M3ET 100A 4
3GET102721-HDB	M3ET 100B 4
3GET102722-HDB	M3ET 100B 4
3GET102724-HDB	M3ET 100B 4
3GET102726-HDB	M3ET 100B 4
3GET102731-HDB	M3ET 100C 4
3GET102732-HDB	M3ET 100C 4
3GET102734-HDB	M3ET 100C 4
3GET102736-HDB	M3ET 100C 4
3GET102741-HDB	M3ET 100D 4
3GET102742-HDB	M3ET 100D 4
3GET102744-HDB	M3ET 100D 4

Product	Information
3GET102746-HDB	M3ET 100D 4
3GET102751-HDB	M3ET 100E 4
3GET102752-HDB	M3ET 100E 4
3GET102754-HDB	M3ET 100E 4
3GET102756-HDB	M3ET 100E 4
3GET132711-HDB	M3ET 132A 4
3GET132712-HDB	M3ET 132A 4
3GET132714-HDB	M3ET 132A 4
3GET132716-HDB	M3ET 132A 4
3GET132721-HDB	M3ET 132B 4
3GET132722-HDB	M3ET 132B 4
3GET132724-HDB	M3ET 132B 4
3GET132726-HDB	M3ET 132B 4
3GET132731-HDB	M3ET 132C 4
3GET132732-HDB	M3ET 132C 4
3GET132734-HDB	M3ET 132C 4
3GET132736-HDB	M3ET 132C 4
3GET132741-HDB	M3ET 132D 4
3GET132742-HDB	M3ET 132D 4
3GET132744-HDB	M3ET 132D 4
3GET132746-HDB	M3ET 132D 4

Product	Information
3GET132751-HDB	M3ET 132E 4
3GET132752-HDB	M3ET 132E 4
3GET132754-HDB	M3ET 132E 4
3GET132756-HDB	M3ET 132E 4
3GET162711-HDB	M3ET 160A 4
3GET162712-HDB	M3ET 160A 4
3GET162714-HDB	M3ET 160A 4
3GET162716-HDB	M3ET 160A 4
3GET162721-HDB	M3ET 160B 4
3GET162722-HDB	M3ET 160B 4
3GET162724-HDB	M3ET 160B 4
3GET162726-HDB	M3ET 160B 4
3GET162731-HDB	M3ET 160C 4
3GET162732-HDB	M3ET 160C 4
3GET162734-HDB	M3ET 160C 4
3GET162736-HDB	M3ET 160C 4
3GET162741-HDB	M3ET 160D 4
3GET162742-HDB	M3ET 160D 4
3GET162744-HDB	M3ET 160D 4
3GET162746-HDB	M3ET 160D 4
3GET182711-HDB	M3ET 180A 4

Product	Information
3GET182712-HDB	M3ET 180A 4
3GET182714-HDB	M3ET 180A 4
3GET182716-HDB	M3ET 180A 4
3GET182721-HDB	M3ET 180B 4
3GET182722-HDB	M3ET 180B 4
3GET182724-HDB	M3ET 180B 4
3GET182726-HDB	M3ET 180B 4
3GET182731-HDB	M3ET 180C 4
3GET182732-HDB	M3ET 180C 4
3GET182734-HDB	M3ET 180C 4
3GET182736-HDB	M3ET 180C 4
3GET202711-ADB	M3ET 200A 4
3GET202712-ADB	M3ET 200A 4
3GET202714-ADB	M3ET 200A 4
3GET202716-ADB	M3ET 200A 4
3GET202721-ADB	M3ET 200B 4
3GET202722-ADB	M3ET 200B 4
3GET202724-ADB	M3ET 200B 4
3GET202726-ADB	M3ET 200B 4
3GET202731-ADB	M3ET 200C 4
3GET202732-ADB	M3ET 200C 4

Product	Information
3GET202734-ADB	M3ET 200C 4
3GET202736-ADB	M3ET 200C 4
3GET222711-ADB	M3ET 225A 4
3GET222712-ADB	M3ET 225A 4
3GET222714-ADB	M3ET 225A 4
3GET222721-ADB	M3ET 225B 4
3GET222722-ADB	M3ET 225B 4
3GET222724-ADB	M3ET 225B 4
3GET222731-ADB	M3ET 225C 4
3GET222732-ADB	M3ET 225C 4
3GET222734-ADB	M3ET 225C 4
3GET252711-RDB	M3ET 250A 4
3GET252712-RDB	M3ET 250A 4
3GET252713-RDB	M3ET 250A 4
3GET252714-RDB	M3ET 250A 4
3GET252721-RDB	M3ET 250B 4
3GET252722-RDB	M3ET 250B 4
3GET252723-RDB	M3ET 250B 4
3GET252724-RDB	M3ET 250B 4
3GET252731-RDB	M3ET 250C 4
3GET252732-RDB	M3ET 250C 4
3GET252733-RDB	M3ET 250C 4

Product	Information
3GET252734-RDB	M3ET 250C 4
3GET282711-ADB	M3ET 280A 4
3GET282712-ADB	M3ET 280A 4
3GET282713-ADB	M3ET 280A 4
3GET282714-AUB	M3ET 280A 4
3GET282721-ADB	M3ET 280B 4
3GET282722-ADB	M3ET 280B 4
3GET282723-ADB	M3ET 280B 4
3GET282724-AUB	M3ET 280B 4
3GET282731-ADB	M3ET 280C 4
3GET282732-ADB	M3ET 280C 4
3GET282733-ADB	M3ET 280C 4
3GET282734-AUB	M3ET 280C 4
3GET312711-ADB	M3ET 315A 4
3GET312711-APB	M3ET 315A 4
3GET312711-AUB	M3ET 315A 4
3GET312712-ADB	M3ET 315A 4
3GET312712-APB	M3ET 315A 4
3GET312712-AUB	M3ET 315A 4
3GET312713-ADB	M3ET 315A 4
3GET312713-APB	M3ET 315A 4
3GET312713-AUB	M3ET 315A 4

Product	Information
3GET312721-ADB	M3ET 315B 4
3GET312721-APB	M3ET 315B 4
3GET312721-AUB	M3ET 315B 4
3GET312722-ADB	M3ET 315B 4
3GET312722-APB	M3ET 315B 4
3GET312722-AUB	M3ET 315B 4
3GET312723-AUB	M3ET 315B 4
3GET312731-ADB	M3ET 315C 4
3GET312731-APB	M3ET 315C 4
3GET312731-AUB	M3ET 315C 4
3GET312732-ADB	M3ET 315C 4
3GET312732-APB	M3ET 315C 4
3GET312732-AUB	M3ET 315C 4
3GET312733-AUB	M3ET 315C 4
3GET312741-ADB	M3ET 315D 4
3GET312741-APB	M3ET 315D 4
3GET312741-AUB	M3ET 315D 4
3GET312742-AUB	M3ET 315D 4
3GET312743-AUB	M3ET 315D 4
3GET352721-ADB	M3ET 355B 4
3GET352721-APB	M3ET 355B 4
3GET352721-AUB	M3ET 355B 4

Product	Information
3GET352722-ADB	M3ET 355B 4
3GET352722-APB	M3ET 355B 4
3GET352722-AUB	M3ET 355B 4
3GET352723-AUB	M3ET 355B 4
3GET352731-ADB	M3ET 355C 4
3GET352731-APB	M3ET 355C 4
3GET352731-AUB	M3ET 355C 4
3GET352732-AUB	M3ET 355C 4
3GET352733-AUB	M3ET 355C 4

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