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PRODUCT-DETAILS

3GFT102711-SDB

M3FT 100A 4



General Information

Product ID	3GFT102711-SDB
ABB Type Designation	M3FT 100A 4
Catalog Description	M3FT 100A 4

Ordering

ABB Type Designation	M3FT 100A 4
Invoice Description	M3FT 100A 4
Product Name	High dynamic performance motors
Product Type	3FTB_M3FT_HDP_IP23_
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	4.40 kW	1000 r/min	10.20 A	0.790	81.00 %	42.14 N-m	5.10
Y	--	60 Hz	460 V	5.30 kW	1200 r/min	10.10 A	0.820	83.00 %	42.18 N-m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 81.0 % Partial Load (75%) 83.9 % Partial Load (50%) 84.4 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 83.0 % Partial Load (75%) 85.2 % Partial Load (50%) 85.4 %
IP Class	IP23
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 right side

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	49 kg
Gross Weight	54 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

3GFT102741-SDB

M3FT 100D 4



General Information

Product ID	3GFT102741-SDB
ABB Type Designation	M3FT 100D 4
Catalog Description	M3FT 100D 4

Ordering

ABB Type Designation	M3FT 100D 4
Invoice Description	M3FT 100D 4
Product Name	High dynamic performance motors
Product Type	3FTB_M3FT_HDP_IP23_
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	85015230

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	9.50 kW	1000 r/min	23.50 A	0.750	83.60 %	90.90 N-m	5.40
Y	--	60 Hz	460 V	11.30 kW	1200 r/min	22.90 A	0.770	87.80 %	89.82 N-m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 83.6 % Partial Load (75%) 85.2 % Partial Load (50%) 84.8 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 87.8 % Partial Load (75%) 86.9 % Partial Load (50%) 86.9 %
IP Class	IP23
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 right side

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	72 kg
Gross Weight	77 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

3GFT102731-SDB

M3FT 100C 4



General Information

Product ID	3GFT102731-SDB
ABB Type Designation	M3FT 100C 4
Catalog Description	M3FT 100C 4

Ordering

ABB Type Designation	M3FT 100C 4
Invoice Description	M3FT 100C 4
Product Name	High dynamic performance motors
Product Type	3FTB_M3FT_HDP_IP23_
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	85015230

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	8.00 kW	1000 r/min	20.10 A	0.730	82.70 %	76.60 N-m	5.20
Y	--	60 Hz	460 V	9.60 kW	1200 r/min	19.60 A	0.780	84.80 %	76.30 N-m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class NA Full Load (100%) 82.7 % Partial Load (75%) 84.6 % Partial Load (50%) 83.9 %
IE Class Data (60 Hz)	IE Class NA Full Load (100%) 84.8 % Partial Load (75%) 86.0 % Partial Load (50%) 86.1 %
IP Class	IP23
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 right side

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	65 kg
Gross Weight	70 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

3GFT102746-SDB

M3FT 100D 4



General Information

Product ID	3GFT102746-SDB
ABB Type Designation	M3FT 100D 4
Catalog Description	M3FT 100D 4

Ordering

ABB Type Designation	M3FT 100D 4
Invoice Description	M3FT 100D 4
Product Name	High dynamic performance motors
Product Type	3FTB__M3FT__HDP__IP23_
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	85015230

Electrical

Electrical Data

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	400 V	24.00 kW	3000 r/min	51.80 A	0.780	91.80 %	76.40 N·m	7.80
Y	--	60 Hz	460 V	25.80 kW	3600 r/min	46.70 A	0.790	92.30 %	68.43 N·m	0.00

Temperature Class	--
Default	
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC06
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 91.8 % Partial Load (75%) 91.8 % Partial Load (50%) 91.2 %
IE Class Data (60 Hz)	IE Class IE2 Full Load (100%) 92.3 % Partial Load (75%) 92.0 % Partial Load (50%) 90.6 %
IP Class	IP23
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 right side

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	72 kg
Gross Weight	77 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
3GFT132722-SDB	M3FT 132B 4
3GFT132724-SDB	M3FT 132B 4
3GFT132726-SDB	M3FT 132B 4
3GFT132731-SDB	M3FT 132C 4
3GFT132732-SDB	M3FT 132C 4
3GFT132734-SDB	M3FT 132C 4
3GFT132736-SDB	M3FT 132C 4
3GFT132741-SDB	M3FT 132D 4
3GFT132742-SDB	M3FT 132D 4
3GFT132744-SDB	M3FT 132D 4
3GFT132746-SDB	M3FT 132D 4
3GFT132751-SDB	M3FT 132E 4
3GFT132752-SDB	M3FT 132E 4
3GFT132754-SDB	M3FT 132E 4
3GFT132756-SDB	M3FT 132E 4
3GFT162711-SDB	M3FT 160A 4
3GFT162712-SDB	M3FT 160A 4
3GFT162714-SDB	M3FT 160A 4
3GFT162716-SDB	M3FT 160A 4
3GFT162721-SDB	M3FT 160B 4
3GFT162722-SDB	M3FT 160B 4

Product	Information
3GFT162724-SDB	M3FT 160B 4
3GFT162726-SDB	M3FT 160B 4
3GFT162731-SDB	M3FT 160C 4
3GFT162732-SDB	M3FT 160C 4
3GFT162734-SDB	M3FT 160C 4
3GFT162736-SDB	M3FT 160C 4
3GFT162741-SDB	M3FT 160D 4
3GFT162742-SDB	M3FT 160D 4
3GFT162744-SDB	M3FT 160D 4
3GFT162746-SDB	M3FT 160D 4
3GFT182711-HDB	M3FT 180A 4
3GFT182711-SDB	M3FT 180A 4
3GFT182712-HDB	M3FT 180A 4
3GFT182712-SDB	M3FT 180A 4
3GFT182714-HDB	M3FT 180A 4
3GFT182714-SDB	M3FT 180A 4
3GFT182716-HDB	M3FT 180A 4
3GFT182716-SDB	M3FT 180A 4
3GFT182721-HDB	M3FT 180B 4
3GFT182721-SDB	M3FT 180B 4
3GFT182722-HDB	M3FT 180B 4
3GFT182722-SDB	M3FT 180B 4

Product	Information
3GFT182724-HDB	M3FT 180B 4
3GFT182724-SDB	M3FT 180B 4
3GFT182726-HDB	M3FT 180B 4
3GFT182726-SDB	M3FT 180B 4
3GFT182731-HDB	M3FT 180C 4
3GFT182731-SDB	M3FT 180C 4
3GFT182732-HDB	M3FT 180C 4
3GFT182732-SDB	M3FT 180C 4
3GFT182734-HDB	M3FT 180C 4
3GFT182734-SDB	M3FT 180C 4
3GFT182736-HDB	M3FT 180C 4
3GFT182736-SDB	M3FT 180C 4
3GFT202711-RDB	M3FT 200A 4
3GFT202712-RDB	M3FT 200A 4
3GFT202714-RDB	M3FT 200A 4
3GFT202716-RDB	M3FT 200A 4
3GFT202721-RDB	M3FT 200B 4
3GFT202722-RDB	M3FT 200B 4
3GFT202724-RDB	M3FT 200B 4
3GFT202726-RDB	M3FT 200B 4
3GFT202731-RDB	M3FT 200C 4
3GFT202732-RDB	M3FT 200C 4

Product	Information
3GFT202734-RDB	M3FT 200C 4
3GFT202736-RDB	M3FT 200C 4
3GFT222711-RDB	M3FT 225A 4
3GFT222712-RDB	M3FT 225A 4
3GFT222714-RDB	M3FT 225A 4
3GFT222721-RDB	M3FT 225B 4
3GFT222722-RDB	M3FT 225B 4
3GFT222724-RDB	M3FT 225B 4
3GFT222731-RDB	M3FT 225C 4
3GFT222732-RDB	M3FT 225C 4
3GFT222734-RDB	M3FT 225C 4
3GFT252711-RDB	M3FT 250A 4
3GFT252712-RDB	M3FT 250A 4
3GFT252713-RDB	M3FT 250A 4
3GFT252714-RDB	M3FT 250A 4
3GFT252721-RDB	M3FT 250B 4
3GFT252722-RDB	M3FT 250B 4
3GFT252723-RDB	M3FT 250B 4
3GFT252724-RDB	M3FT 250B 4
3GFT252731-RDB	M3FT 250C 4
3GFT252732-RDB	M3FT 250C 4
3GFT252733-RDB	M3FT 250C 4

Product	Information
3GFT252734-RDB	M3FT 250C 4
3GFT282711-ACB	M3FT 280A 4
3GFT282711-ADB	M3FT 280A 4
3GFT282712-ADB	M3FT 280A 4
3GFT282712-APB	M3FT 280A 4
3GFT282713-ADB	M3FT 280A 4
3GFT282713-APB	M3FT 280A 4
3GFT282714-AUB	M3FT 280A 4
3GFT282721-ACB	M3FT 280B 4
3GFT282721-ADB	M3FT 280B 4
3GFT282722-ADB	M3FT 280B 4
3GFT282722-APB	M3FT 280B 4
3GFT282723-ADB	M3FT 280B 4

Product	Information
3GFT282723-APB	M3FT 280B 4
3GFT282724-AUB	M3FT 280B 4
3GFT282731-ADB	M3FT 280C 4
3GFT282731-APB	M3FT 280C 4
3GFT282732-ADB	M3FT 280C 4
3GFT282732-APB	M3FT 280C 4
3GFT282733-ADB	M3FT 280C 4
3GFT282733-APB	M3FT 280C 4
3GFT282734-AUB	M3FT 280C 4
3GFT312711-ADB	M3FT 315A 4
3GFT312711-APB	M3FT 315A 4
3GFT312712-AUB	M3FT 315A 4
3GFT312713-AUB	M3FT 315A 4
3GFT312721-ADB	M3FT 315B 4
3GFT312721-APB	M3FT 315B 4
3GFT312722-AUB	M3FT 315B 4
3GFT312723-AUB	M3FT 315B 4
3GFT312731-ADB	M3FT 315C 4
3GFT312731-APB	M3FT 315C 4
3GFT312732-AUB	M3FT 315C 4
3GFT312733-AUB	M3FT 315C 4
3GFT312741-ADB	M3FT 315D 4

Product	Information
3GFT312741-APB	M3FT 315D 4
3GFT312741-AUB	M3FT 315D 4
3GFT312742-AUB	M3FT 315D 4
3GFT312743-AUB	M3FT 315D 4
3GFT352711-ADB	M3FT 355A 4
3GFT352711-APB	M3FT 355A 4
3GFT352711-AUB	M3FT 355A 4
3GFT352712-AUB	M3FT 355A 4
3GFT352713-AUB	M3FT 355A 4
3GFT352721-ADB	M3FT 355B 4
3GFT352721-APB	M3FT 355B 4
3GFT352721-AUB	M3FT 355B 4
3GFT352722-AUB	M3FT 355B 4
3GFT352723-AUB	M3FT 355B 4
3GFT352731-ADB	M3FT 355C 4
3GFT352731-APB	M3FT 355C 4
3GFT352731-AUB	M3FT 355C 4
3GFT352732-AUB	M3FT 355C 4
3GFT352733-AUB	M3FT 355C 4
3GFT402721-AUB	M3FT 400B 4
3GFT402722-AUB	M3FT 400B 4
3GFT402723-AUB	M3FT 400B 4

Product	Information
3GFT402731-AUB	M3FT 400C 4
3GFT402732-AUB	M3FT 400C 4
3GFT402733-AUB	M3FT 400C 4
3GFT402741-AUB	M3FT 400D 4

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