



PRODUCT-DETAILS

3GKP252220-ADG

Flameproof IE2 High Efficiency LV Motors, 75 kW, (3GKP252220-ADG)

**General Information**

Product ID	3GKP252220-ADG
ABB Type Designation	M3KP 250SMB 4
Catalog Description	Flameproof IE2 High Efficiency LV Motors, 75 kW, (3GKP252220-ADG)

Ordering

ABB Type Designation	M3KP 250SMB 4
Invoice Description	HIGH OUTPUT
Product Name	3-Phase squirrel cage motor
Product Type	3KP2_M3KP_IE2_Flameproof_Ex_db_eb_motor
Made To Order	No
Minimum Order Quantity	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	T4	50 Hz	690 V	75.00 kW	1476 r/min	77.80 A	0.860	94.30 %	485.00 N-m	7.00
Y	T4	50 Hz	690 V	75.00 kW	1476 r/min	77.80 A	0.860	94.30 %	485.00 N-m	7.00
D	T4	50 Hz	400 V	75.00 kW	1476 r/min	135.00 A	0.860	94.30 %	485.00 N-m	7.00
D	T4	50 Hz	400 V	75.00 kW	1476 r/min	135.00 A	0.860	94.30 %	485.00 N-m	7.00
D	T4	50 Hz	415 V	75.00 kW	1478 r/min	132.00 A	0.850	94.40 %	484.00 N-m	7.40
D	T4	50 Hz	415 V	75.00 kW	1478 r/min	132.00 A	0.850	94.40 %	484.00 N-m	7.40

Temperature Class	T4
Default	
Output Power	75 kW
Altitude	1000 m
Ambient Temperature	40 °C
IC Class	IC411
IE Class Data (50 Hz)	IE Class IE2 Full Load (100%) 94.3 % Partial Load (75%) 94.6 % Partial Load (50%) 94.3 %
IP Class	IP55
Insulation Class	ICLH
Direction of Rotation	Both sides
Number of Poles (High)	4
Two Speed Motor	No
Type of Duty	S1
Voltage Code	D
EX-Protection	Exdbee
Gas Group	IIB

Mechanical

Frame Material	Cast Iron
Frame Size	250
Bearing	6315/C3
Bearing NDE	6313/C3
IM Class	IMB3 IM1001
Terminator Box Location	Top

Dimensions

Package Level 1 Units	1 pallet (lift)
Product Net Weight	485 kg
Gross Weight	495 kg

Environmental

WEEE Category

4. Large Equipment (Any External Dimension More Than 50 cm)

Classifications

UNSPSC

26101100

Categories

Motors and Generators → Motors and Generators for Explosive Atmospheres → Flameproof Motors → Flameproof IE2 High Efficiency LV Motors

