



## PRODUCT-DETAILS

## 3GBP092530-BDK

IE3 Premium Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBP092530-BDK)



### General Information

Product ID:	3GBP092530-BDK
ABB Type Designation:	M3BP 90LC 4
Catalog Description:	IE3 Premium Efficiency Cast Iron Motors, 1.1 kW, 400 V (3GBP092530-BDK)
Display Name:	3GBP092530-BDK

### Ordering

ABB Type Designation:	M3BP 90LC 4
Invoice Description:	M3BP 90LC 4
Product Name:	3-Phase squirrel cage motor
Product Type:	3BP3__M3BP_IE3_CI
Country of Origin:	Finland China
Customs Tariff Number:	85015220
Replaced Product ID (OLD):	3GBP092530-BPK 3GBP092510-BDL

<b>Stocked At (Warehouses):</b>	Menden, Germany
<b>Medium Description:</b>	1.1kW, 4 Poles, Frame Size 90, 3 Phases, 400V, 50Hz, IP55 Enclosure, IMB5/IM3001 Mounting (3GBP092530-BDK)
<b>Short Description:</b>	1.1kW, 4P, Frame Size 90, 3PH, 400V, 50Hz, IP55, IMB5/IM3001

## Electrical

Conn	Temp Class	Network Freq	Network Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
Y	--	50 Hz	690 V	1.10 kW	1442 r/min	1.30 A	0.800	84.10 %	7.20 N-m	7.90
D	--	50 Hz	400 V	1.10 kW	1442 r/min	2.30 A	0.800	84.10 %	7.20 N-m	7.90
Y	--	50 Hz	660 V	1.10 kW	1435 r/min	1.30 A	0.830	84.10 %	7.30 N-m	7.20
D	--	50 Hz	380 V	1.10 kW	1435 r/min	2.30 A	0.830	84.10 %	7.30 N-m	7.20
D	--	50 Hz	415 V	1.10 kW	1446 r/min	2.30 A	0.780	84.10 %	7.20 N-m	8.20
D	--	60 Hz	460 V	1.10 kW	1749 r/min	2.00 A	0.770	86.50 %	6.00 N-m	8.40

<b>Connection Configuration:</b>	D
<b>Temperature Class Default:</b>	--
<b>Input Voltage (U<sub>in</sub>):</b>	400 V
<b>Frequency (f):</b>	50 Hz
<b>Output Power:</b>	1.1 kW
<b>Altitude:</b>	1000 m
<b>Ambient Temperature:</b>	40 °C
<b>IC Class:</b>	IC411
<b>IE Class Data (50 Hz):</b>	IE Class IE3 Full Load (100%) 84.1 % Partial Load (75%) 83.4 % Partial Load (50%) 80.9 %
<b>IE Class Data (60 Hz):</b>	IE Class IE3 Full Load (100%) 86.5 % Partial Load (75%) 85.4 % Partial Load (50%) 82.5 %
<b>IP Class:</b>	IP55
<b>Insulation Class:</b>	ICLF
<b>Direction of Rotation:</b>	Both sides
<b>Number of Poles (High):</b>	4
<b>Two Speed Motor:</b>	No
<b>Type of Duty:</b>	S1
<b>Voltage Code:</b>	D

## Mechanical

<b>Frame Material:</b>	Cast Iron
<b>Frame Size:</b>	90

<b>Bearing:</b>	6205-2Z/C3
<b>Bearing NDE:</b>	6204-2Z/C3
<b>IM Class:</b>	IMB5 IM3001
<b>Terminator Box Location:</b>	D-End top

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## Dimensions

<b>Product Net Depth / Length:</b>	390 mm
<b>Product Net Height:</b>	218 mm
<b>Product Net Width:</b>	170 mm
<b>Product Net Weight:</b>	33 kg
<b>Gross Weight:</b>	36 kg

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## Environmental

<b>WEEE Category:</b>	5. Small Equipment (No External Dimension More Than 50 cm)
<b>SCIP:</b>	54c45c7b-7581-40ab-b615-c1dcb277d8a7 Finland

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## External Classifications and Standards

<b>UNSPSC:</b>	26101100
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## Categories

Products > Motors and Generators > IEC Low Voltage AC Motors > Process Performance Motors > IE3 Premium Efficiency Cast Iron Motors

