



Electric motor 1.10kW 200/346V 3Ph 50/60Hz 1400/1680r B3 (J)

Article number: 90-00-1516



Big Dutchman®

Basic data

Running mode	S1 S1-S10
Design electric motor	B3
Motor size	90
Norm	IEC60034
Weight	12.5 kg

Rated values

Phases	3 Anzahl
Frequency	50/60 Hz
Pole pair	4
Type of connection	Star/Delta
Permiss. ambient temp. during operation	-10 - 40 °C
Kabel Motor	4 adrig

Classification

Wirkungsgradklasse	IE1 IE1-IE5
IP protection rating	IP55 IP
Insulation class	F
Certifications	CE

Dimensions

Output shaft length	50 Länge mm
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**Rated values 50 Hz**

Nominal power	1,1 kW
Nominal voltage delta connection	200 V
Nominal voltage star connection	346 V
Current consumption delta connection	5,7 A
Current consumption star connection	3,3 A
Anlaufstrom I_a/I_n	4.3 Faktor
Power factor	0.77
Efficiency	81.49
Motor speed	1400 r/min
Nominal torque motor	7,4 Nm
Service factor	1 Fs

Rated values 60 Hz

Nominal voltage delta connection	200 V
Nominal voltage star connection	346 V
Current consumption delta connection	5,4 A
Current consumption star connection	3,1 A
Motor speed	1690 r/min