

**Big Dutchman®****Mot-g IE2 0.55 230/400_260/450V 3Ph 50/60Hz 13r RS shaft 25x50 f/LB CW**

Article number: 83-55-1086

**Big Dutchman®****Dimensions**

Length	499.00 mm
Width	204.00 mm
Height	168.00 mm
Actual weight	22663.000 kg

Basic data

Running mode	S1 S1-S10
Design electric motor	B14
Motor size	80
Gear type	Spur gear
Gear design	Flange version
Gear position	M1 M1-M6
Menge Getriebeöl	0.35 kg
Weight	21.6 kg

Rated values

Phases	3 Anzahl
Frequency	50/60 Hz
Pole pair	4
Type of connection	Star/Delta
Controllable by	Frequenzumformer
Control range	30-65Hz

**Classification**

Wirkungsgradklasse	IE2 IE1-IE5
IP protection rating	IP55 IP
Insulation class	F
Certifications	CE

Dimensions

Output shaft length	50 Länge
---------------------	----------

Rated values 50 Hz

Nominal power	0,55 kW
Nominal voltage delta connection	220-242 V
Nominal voltage star connection	380-420 V
Current consumption delta connection	2,39 A
Current consumption star connection	1,37 A
Power factor	0.75
Efficiency	77.1
Motorbremse	mechanical
Gear speed	13 r/min
Nennmoment Getriebe [Vollast]	220 Nm
Service factor	1 Fs

Rated values 60 Hz

Nominal power	0,55 kW
Nominal voltage delta connection	240-280 V
Nominal voltage star connection	420-480 V
Current consumption delta connection	2,39 A
Current consumption star connection	1,37 A
Power factor	0.75
Efficiency	77.1
Motorbremse	mechanical
Gear speed	15,6 r/min
Nennmoment Getriebe [Vollast]	180 Nm
Service factor	1 Fs