

**Big Dutchman®****Mot-g 0.43 277/480V 60Hz 17.9r SK20-71L/4 V6**

Article number: 90-00-4003

**Big Dutchman®****Basic data**

|                       |              |
|-----------------------|--------------|
| Running mode          | S1 S1-S10    |
| Design electric motor | V6           |
| Motor size            | 71L          |
| Gear type             | Spur gear    |
| Gear design           | Foot version |
| Gear position         | M2 M1-M6     |
| Norm                  | IEC60034     |
| Weight                | 19 kg        |

**Rated values**

|                                         |             |
|-----------------------------------------|-------------|
| Phases                                  | 3 Anzahl    |
| Frequency                               | 60 Hz       |
| Pole pair                               | 2           |
| Type of connection                      | Star/Delta  |
| Permiss. ambient temp. during operation | -20 - 40 °C |
| Kabel Motor                             | 4 adrig     |

**Classification**

|                      |         |
|----------------------|---------|
| IP protection rating | IP55 IP |
| Insulation class     | F       |

**Rated values 60 Hz**

|               |         |
|---------------|---------|
| Nominal power | 0,43 kW |
|---------------|---------|

**Rated values 60 Hz**

|                                      |              |
|--------------------------------------|--------------|
| Nominal voltage delta connection     | 277 V        |
| Nominal voltage star connection      | 480 V        |
| Current consumption delta connection | 1,87 A       |
| Current consumption star connection  | 1,08 A       |
| Anlaufstrom $I_a/I_n$                | 3.6 Faktor   |
| Power factor                         | 0.67         |
| Efficiency                           | 71.5         |
| Motor speed                          | 1695 r/min   |
| Nominal torque motor                 | 2,42 Nm      |
| Gear speed                           | 22,000 r/min |
| Nennmoment Getriebe [Volllast]       | 185 Nm       |
| Service factor                       | 1.1 Fs       |