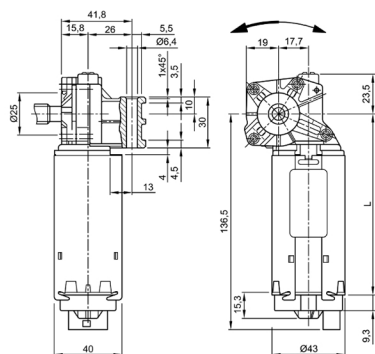


## Design Data

|                       |                       |
|-----------------------|-----------------------|
| Commutation           | Brushed               |
| Direction of rotation | Bi-directional        |
| Bearing type          | A: Sleeve - B: Sleeve |

## 0321 BL



## Motor picture



## Performance data

|                                     |       |       |
|-------------------------------------|-------|-------|
| Rated voltage [V]                   | $U_N$ | 24    |
| Nominal torque [Nm]                 | $M_N$ | 1.50  |
| No-load speed [ $\text{min}^{-1}$ ] | $n_0$ | 145.0 |
| Nominal power [W]                   | $P_N$ | 17.2  |
| Nominal current [A]                 | $I_N$ | 4.5   |
| Nominal force [kN]                  | $F_N$ | 1.50  |
| Duty cycle                          |       | s3    |

## Sensor data

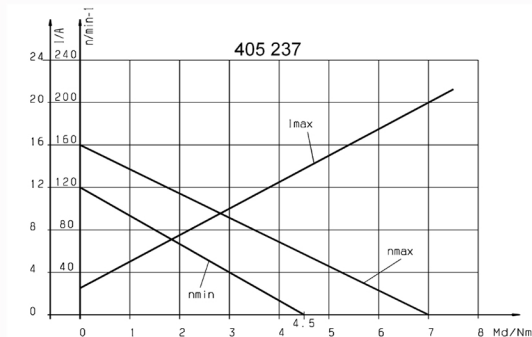
|                 |   |
|-----------------|---|
| Pulses          | 0 |
| Output channels | 0 |

## Other data

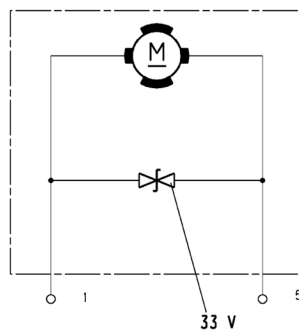
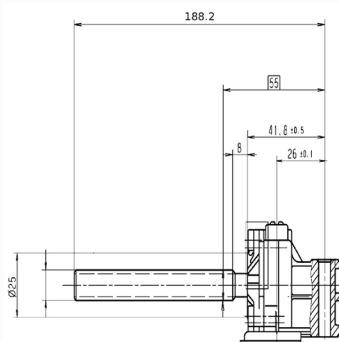
|                        |       |
|------------------------|-------|
| Gear ratio             | 29/1  |
| Gear wheel material    |       |
| Suppression components |       |
| Enclosure class        | IP40  |
| Weight [kg]            | 0.880 |

Remarks: L = 116mm

## Characteristic curves



## Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)



## K 220

