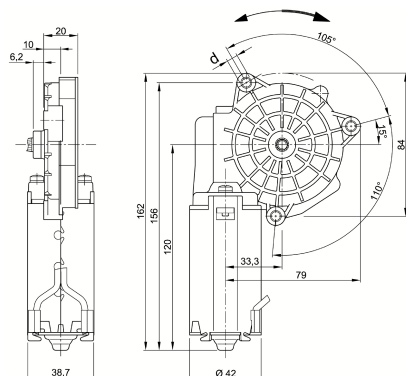


# Series SWMP

## Motor type 403 290

### Design Data

|                       |                |
|-----------------------|----------------|
| Commutation           | Brushed        |
| Direction of rotation | Bi-directional |
| Bearing type          |                |



### Performance data

|                                     |       |      |
|-------------------------------------|-------|------|
| Rated voltage [V]                   | $U_N$ | 24   |
| Nominal torque [Nm]                 | $M_N$ | 2.00 |
| No-load speed [ $\text{min}^{-1}$ ] | $n_0$ | 52.0 |
| Nominal power [W]                   | $P_N$ | 9.34 |
| Nominal current [A]                 | $I_N$ | 1.5  |
| Nominal force [kN]                  | $F_N$ | 0.00 |
| Duty cycle                          |       | s1   |

### Sensor data

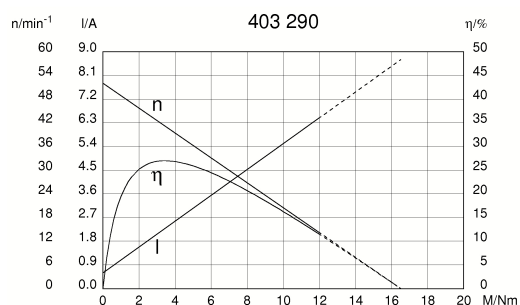
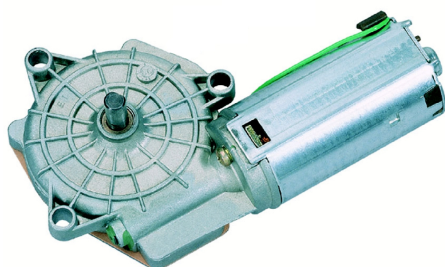
|                 |   |
|-----------------|---|
| Pulses          | 0 |
| Output channels | 0 |

### Other data

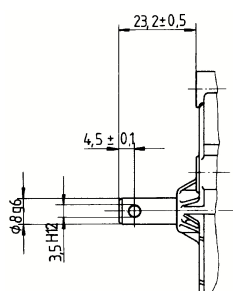
|                        |         |
|------------------------|---------|
| Gear ratio             | 85/1    |
| Gear wheel material    | Plastic |
| Suppression components |         |
| Enclosure class        | IP30    |
| Weight [kg]            | 0.710   |

Remarks: d = M6, Ball bearing

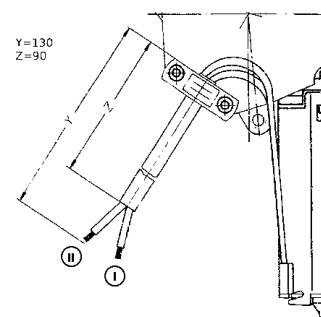
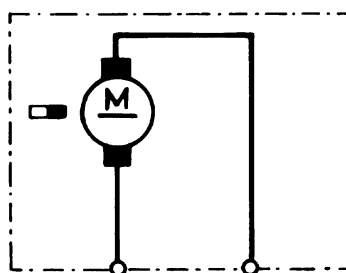
### Motor picture



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



### S 28



I: green  
 II: black