

# Series GMPS

## Motor type 405 091

| Design Data           |                       |
|-----------------------|-----------------------|
| Commutation           | none                  |
| Direction of rotation | Bi-directional        |
| Bearing type          | A: Sleeve - B: Sleeve |

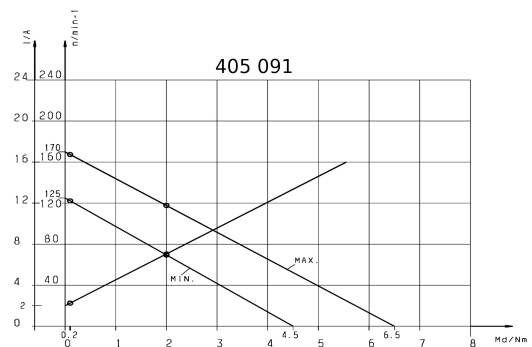
| Performance data                    |       |       |
|-------------------------------------|-------|-------|
| Rated voltage [V]                   | $U_N$ | 12    |
| Nominal torque [Nm]                 | $M_N$ | 1.50  |
| No-load speed [ $\text{min}^{-1}$ ] | $n_0$ | 145.0 |
| Nominal power [W]                   | $P_N$ | 16.6  |
| Nominal current [A]                 | $I_N$ | 6.0   |
| Nominal force [kN]                  | $F_N$ | 1.50  |
| Duty cycle                          | s3    |       |

| Sensor data     |    |
|-----------------|----|
| Pulses          | 29 |
| Output channels | 1  |

| Other data             |                                   |
|------------------------|-----------------------------------|
| Gear ratio             | 29/1                              |
| Gear wheel material    |                                   |
| Suppression components | 5,5 $\mu$ H, 47nF, (0,47 $\mu$ F) |
| Enclosure class        | IP40                              |
| Weight [kg]            | 0.880                             |

Remarks: 1 start worm

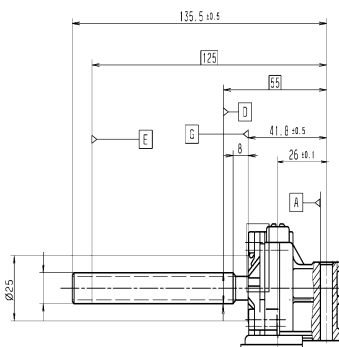
### Characteristic curves



### Motor picture

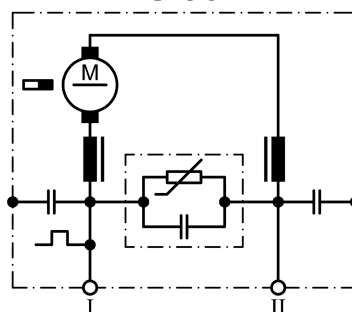


### Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)



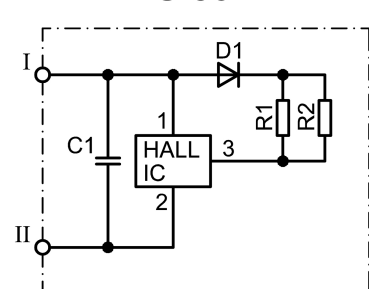
Output spindle: 7 / 16 Stub ACME RH

#### S 93



- I Terminal 1
- II Terminal 5

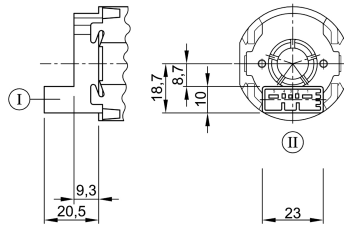
#### S 85



- I Terminal 4, Hall-IC +
- II Terminal 2, Hall-IC -

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

## K 220



Connector TYCO C-208-15621 (Z) mating with:  
**Connector housing 1379217-3 & cover**  
 1379218-2  
[www.tycoelectronics.com](http://www.tycoelectronics.com)

## Notes