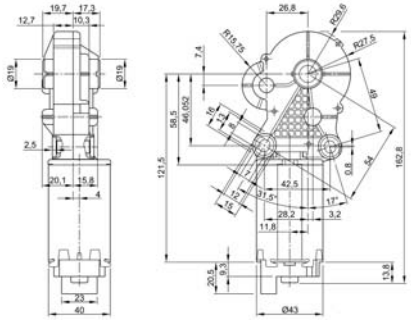
# Series GMPD
## Motor type 405 031

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

**0320 BR**



| Performance data | | |
|---|---|---|
| Rated voltage [V] | $U_N$ | 12 |
| Nominal torque [Nm] | $M_N$ | 2.00 |
| No-load speed [$min^{-1}$] | $n_0$ | 22.0 |
| Nominal power [W] | $P_N$ | 4.19 |
| Nominal current [A] | $I_N$ | 3.0 |
| Nominal force [kN] | $F_N$ | 0.00 |
| Duty cycle | | s3 |

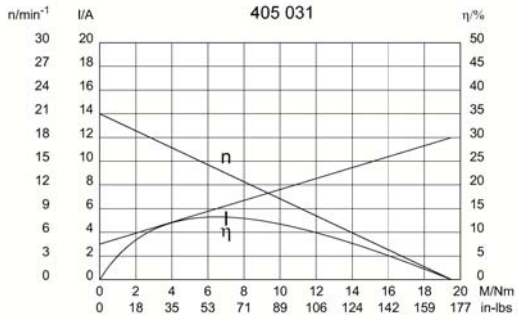
| Sensor data | |
|---|---|
| Pulses | 210 |
| Output channels | 1 |

| Other data | |
|---|---|
| Gear ratio | 210/1 |
| Gear wheel material | plastic |
| Suppression components | 5,5µH, 47nF |
| Enclosure class | IP 40 |
| Weight [kg] | 0.000 |

Remarks:

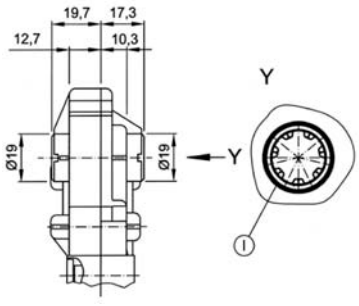
**Motor picture**

**Characteristic curves**

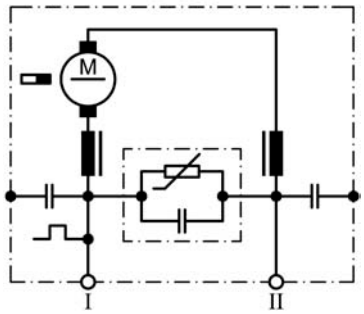


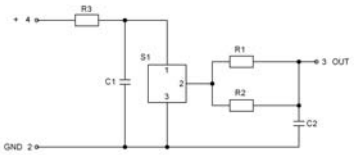

**Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)**

**W 224**




**S 93**



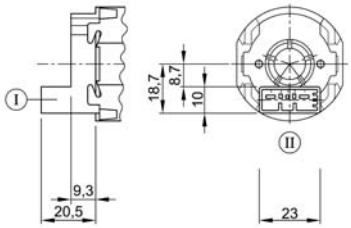




**I** through Profile KRC 316928 AEIZ 01

**I** Terminal 1
**II** Terminal 5

**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

## Notes