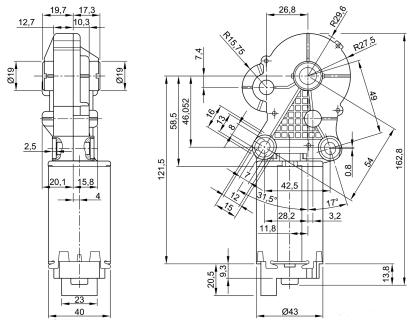
A Nidec Group Company
Nidec Motors & Actuators
All for dreams

# Series GMPD
## Motor type 405 030

| 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 [$min^{-1}$] | $n_0$ | 23.0 |
| Nominal power [W] | $P_N$ | 4.42 |
| Nominal current [A] | $I_N$ | 3.0 |
| Nominal force [kN] | $F_N$ | 0.00 |
| Duty cycle | | s3 |

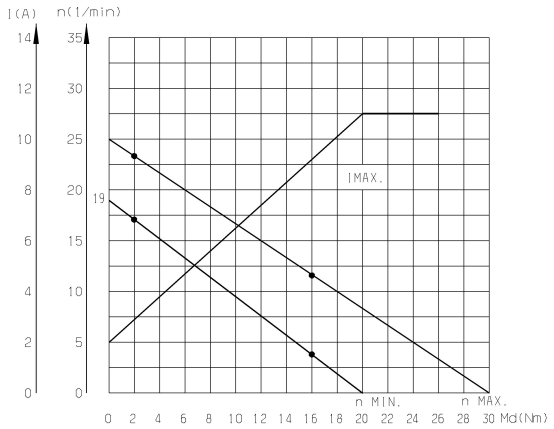
| Sensor data | |
|---|---|
| Pulses | 157.5 |
| Output channels | 1 |

| Other data | |
|---|---|
| Gear ratio | 157,5/1 |
| Gear wheel material | plastic |
| Suppression components | 5,5µH, 47nF |
| Enclosure class | IP 40 |
| Weight [kg] | 0.000 |

Remarks:

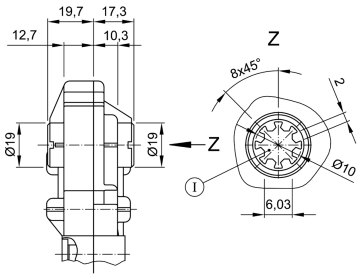
### Motor picture

### Characteristic curves



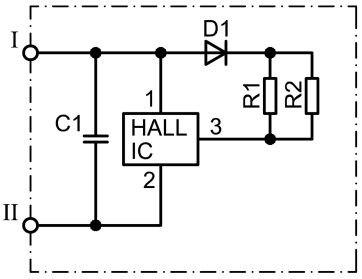

### Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

#### W 270



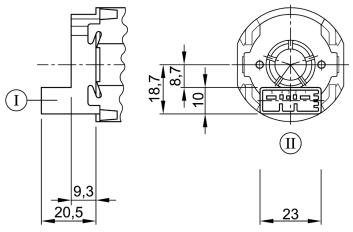

**I** through profile

#### S 85




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

#### K 220




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