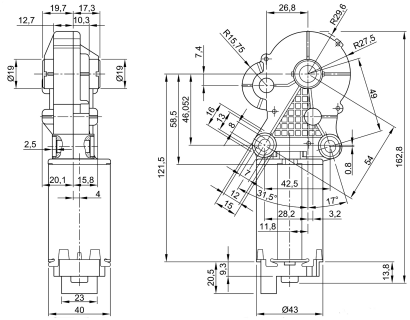
A Nidec Group Company
Nidec Motors & Actuators
All for dreams

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

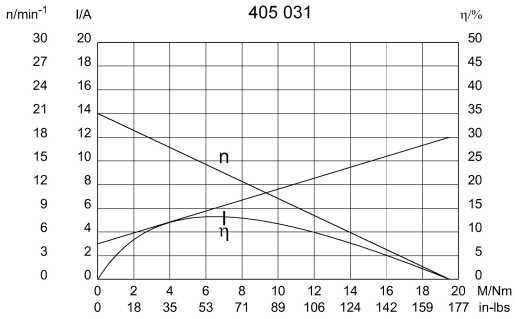
Sensor data	
Pulses	210
Output channels	1

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

Remarks:

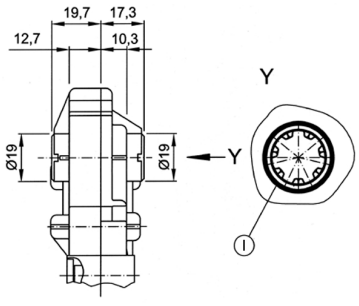
Motor picture

Characteristic curves



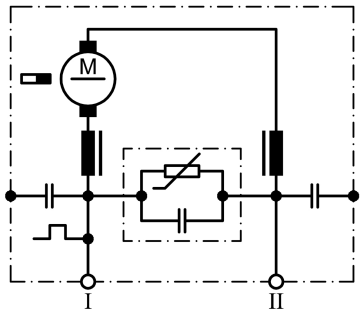
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 224

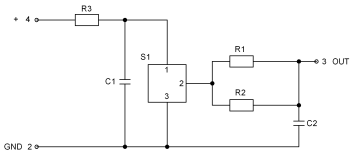


I through Profile KRC 316928 AEIZ 01

S 93



I Terminal 1
II Terminal 5

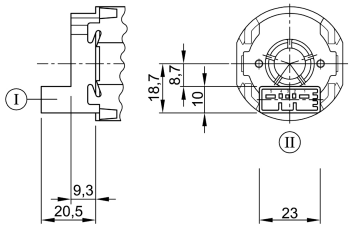


NIDEC MOTORS & ACTUATORS
Europe: +49 7142 5083369 | North America: +52 656 629 3800
www.nidec-ma.com
sales@nidec-ma.com

Series GMPD
Motor type 405 031

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