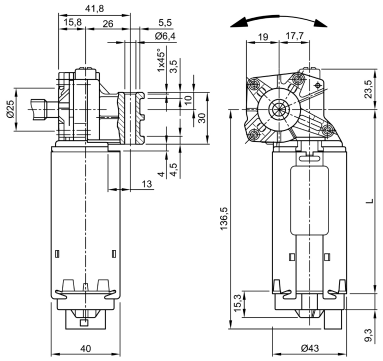
A Nidec Group Company
Nidec Motors & Actuators
All for dreams

Series GMPS
Motor type 404 846

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

0321 BL



Performance data		
Rated voltage [V]	U_N	12
Nominal torque [Nm]	M_N	1.50
No-load speed [min^{-1}]	n_0	180.0
Nominal power [W]	P_N	21.3
Nominal current [A]	I_N	9.0
Nominal force [kN]	F_N	2.00
Duty cycle		s3

Sensor data	
Pulses	29
Output channels	1

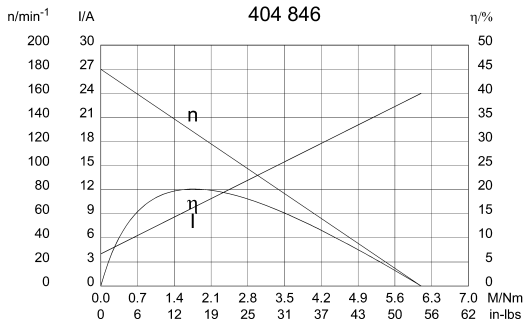
Other data	
Gear ratio	29/1
Gear wheel material	plastic
Suppression components	5,5µH, 47nF, (0,47µF)
Enclosure class	IP 40
Weight [kg]	0.880

Remarks: L = 116mm, 1 start worm

Motor picture

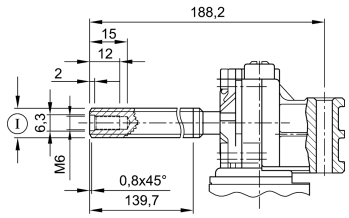


Characteristic curves



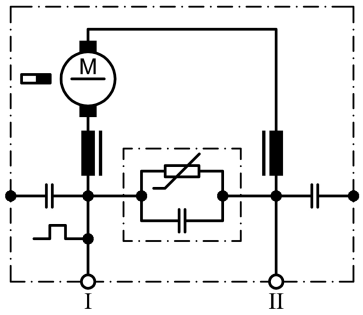
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 288



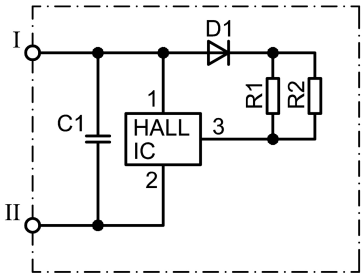
shape 7/16-8 STUB ACME RH, **pressure angle** 20°, **pitch** 3,175mm (0,125"), **no of starts** 1

S 93



I Terminal 1
II Terminal 5

S 85

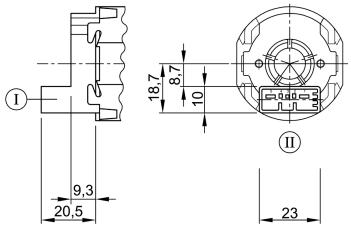


I Terminal 4, Hall-IC +
II Terminal 2, Hall-IC -

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www.nidec-ma.com
sales@nidec-ma.com

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