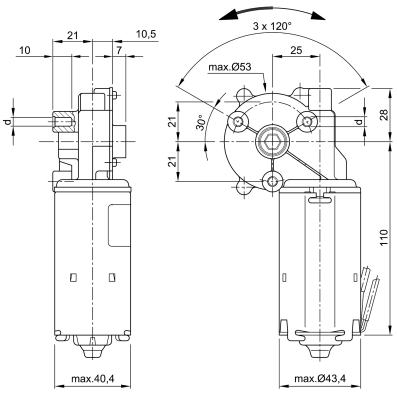
A Nidec Group Company
Nidec Motors & Actuators
All for dreams

Series GMPG
Motor type 404 910

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

0225 DL



Performance data		
Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	1.50
No-load speed [min^{-1}]	n_0	35.0
Nominal power [W]	P_N	4.47
Nominal current [A]	I_N	1.5
Nominal force [kN]	F_N	0.00
Duty cycle		s3

Sensor data	
Pulses	288
Output channels	1

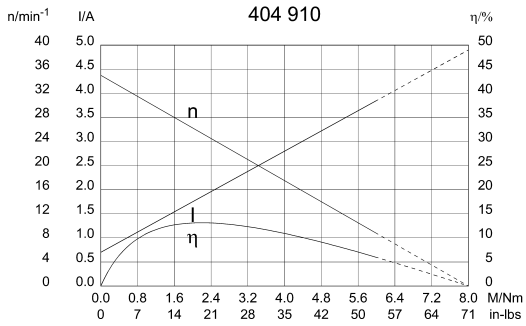
Other data	
Gear ratio	72/1
Gear wheel material	plastic
Suppression components	7,5µH
Enclosure class	IP 30
Weight [kg]	0.710

Remarks: d = for thread-forming screw M5 DIN 7500

Motor picture

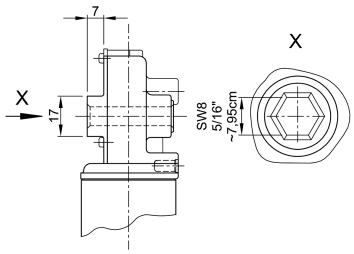


Characteristic curves

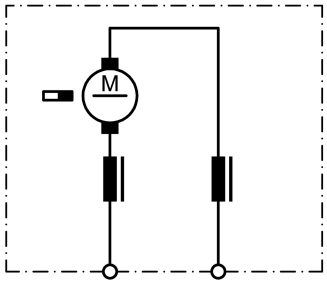


Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

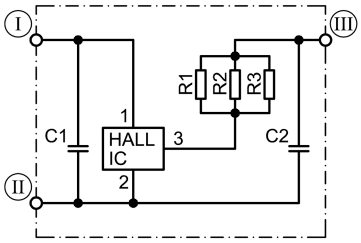
W 229



S 27



S 125



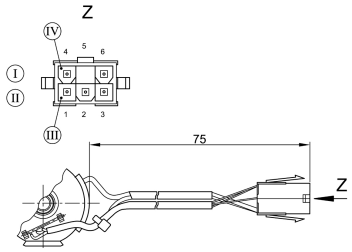
I Terminal 3, + , white
II Terminal 2, - , black
III Terminal 6, OUT, red

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

Series GMPG
Motor type 404 910

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

K 268



plug housing Molex minifit jr 39-01-2066

(4,2mm - .165"), **terminals** Molex 39-00-0430
(18-24AWG, gold plated)
1 violet motor, **2 black** encoder gnd, **3 white** encoder +, **4 blue** motor, **6 red** encoder out

Notes