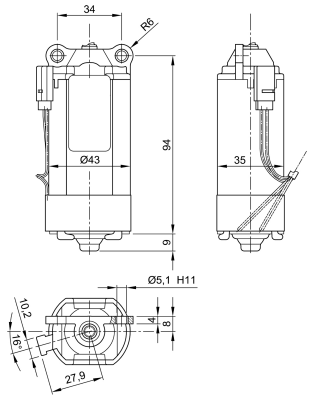
A Nidec Group Company
Nidec Motors & Actuators
All for dreams

Series GMP
Motor type 404 476

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

0220 D



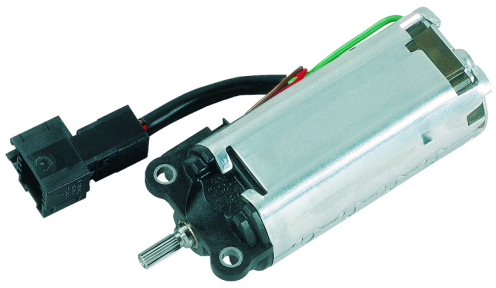
Performance data		
Rated voltage [V]	U_N	12
Nominal torque [Nm]	M_N	0.05
No-load speed [min^{-1}]	n_0	3,250.0
Nominal power [W]	P_N	14.0
Nominal current [A]	I_N	3.5
Nominal force [kN]	F_N	0.00
Duty cycle		s3

Sensor data	
Pulses	2
Output channels	1

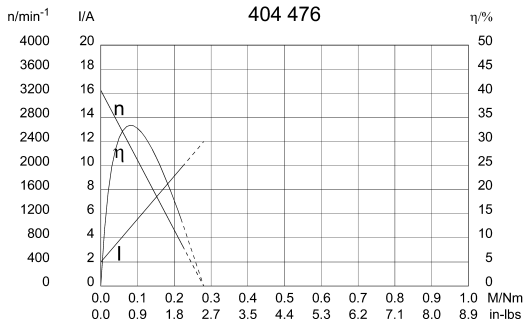
Other data	
Gear ratio	
Gear wheel material	
Suppression components	7,5µH
Enclosure class	IP 40
Weight [kg]	0.520

Remarks:

Motor picture

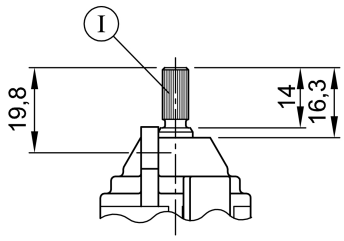


Characteristic curves



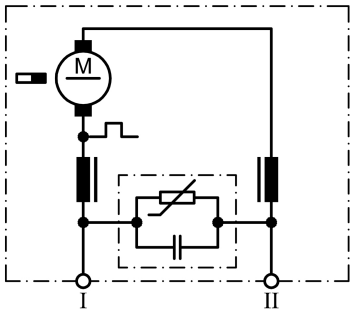
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 256



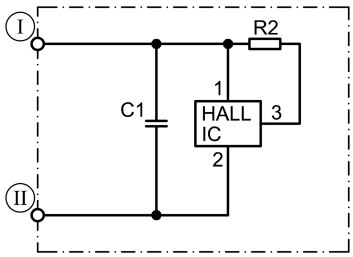
I Tapered splines 5 x 6 DIN 5481

S 82



I Terminal 1, green
II Terminal 2, black

S 92



I Terminal 3, + , red
II Terminal 4, - , brown

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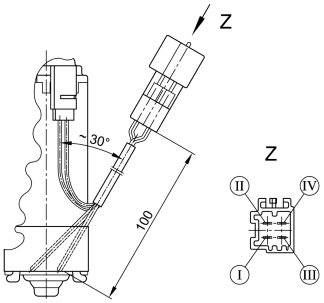
Series GMP
Motor type 404 476

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

K 211



I Terminal 1, motor, green
II Terminal 2, motor, black
III Terminal 3, Hall-IC + , red
IV Terminal 4, Hall-IC - , brown

Notes