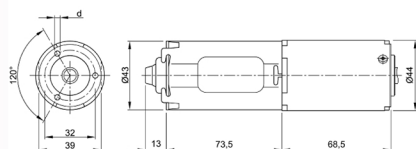


Design Data

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

0231 C



Motor picture



Performance data

Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	1.50
No-load speed [min^{-1}]	n_0	178.0
Nominal power [W]	P_N	20.0
Nominal current [A]	I_N	3.0
Nominal force [kN]	F_N	0.00
Duty cycle	s3	

Sensor data

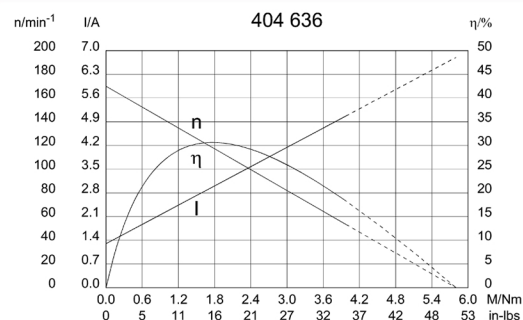
Pulses	20
Output channels	2

Other data

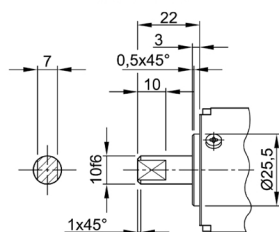
Gear ratio	20/1
Gear wheel material	plastic
Suppression components	4μH, 1nF
Enclosure class	IP 30
Weight [kg]	0.750

Remarks: d = 3,3mm, for self-cutting screw 4mm (shape Remform)

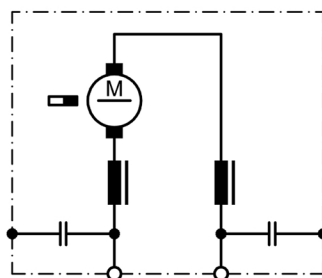
Characteristic curves



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

W 249

S 30



S 109

