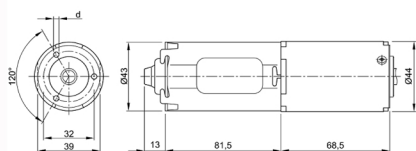


Design Data

Commutation	Brushed
Direction of rotation	Bi-directional
Bearing type	sleeve bearing

0231 B



Performance data

Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	4.00
No-load speed [min^{-1}]	n_0	200.0
Nominal power [W]	P_N	69.8
Nominal current [A]	I_N	8.0
Nominal force [kN]	F_N	0.00
Duty cycle		s2

Sensor data

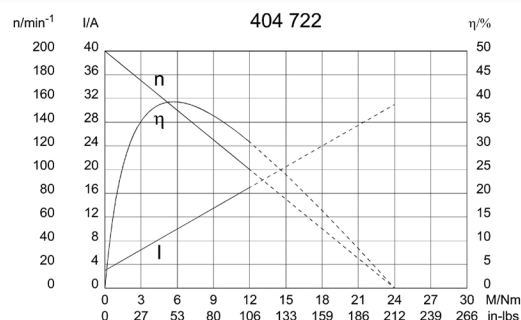
Pulses	39
Output channels	2

Other data

Gear ratio	39.7/1
Gear wheel material	plastic
Suppression components	4,0 μ H, 1nF
Enclosure class	IP 30
Weight [kg]	0.650

Remarks: d = 3,3mm, for self-cutting screw 4mm

Characteristic curves

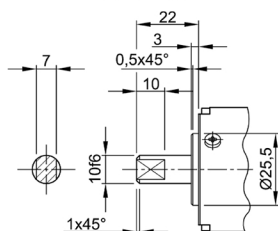


Motor picture

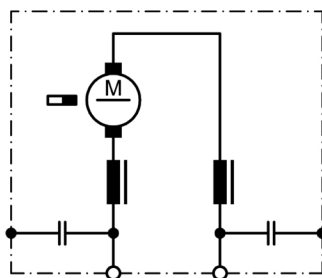


Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 249



S 30



S 109

