

GMM

As 12-volt and 24-volt motor with Interference suppression and hall sensors



Technical description

Motor housing	deep drawn & corrosion protection
Magnetic field	Permanent magnet
Type of transmission	–
Transmission housing	–
Gearwheel material	–
Transmission lubrication	–
Mechanical interface	Drive shaft
Electrical interface	Stranded wires with plug
Sensor	–
Thermal protection	Optional
Interference suppression	Optional

Applications

- Industry**
- Linear drives**
- Automobile**
- Electric torque management, automated manual transmission**

Information

GMM · GML

GMP

GMAG

GMP1

GMPS

GMPD

GMPG

SWMP

DCK31

DCK35

SW2L

SWNV

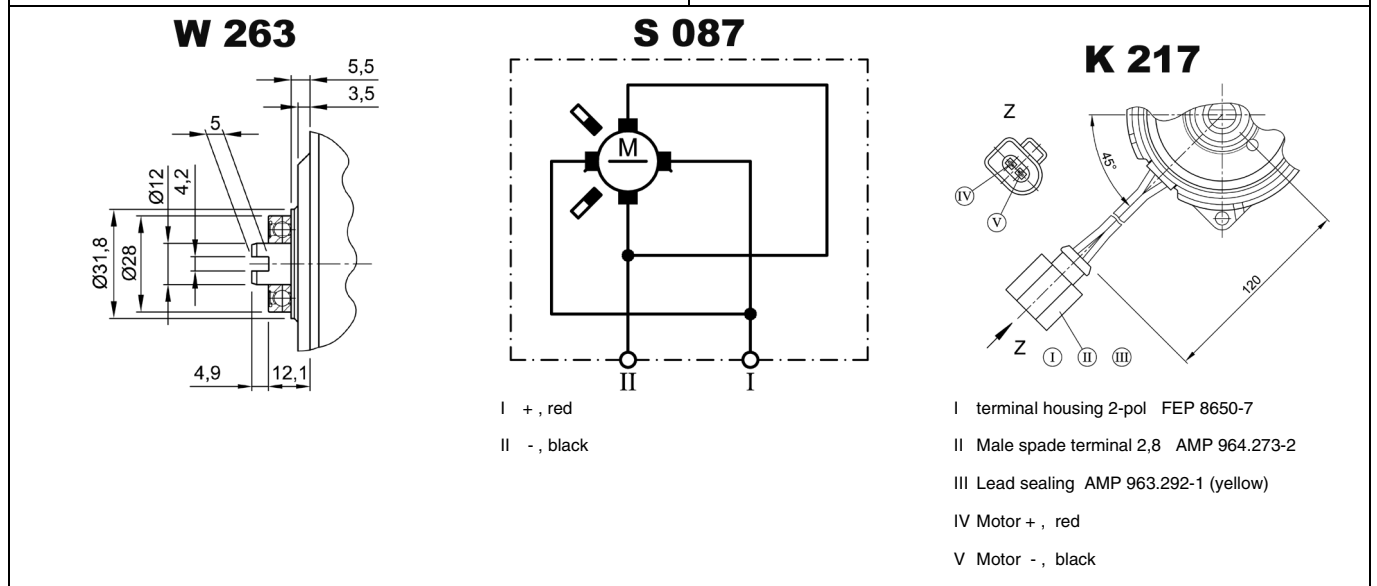
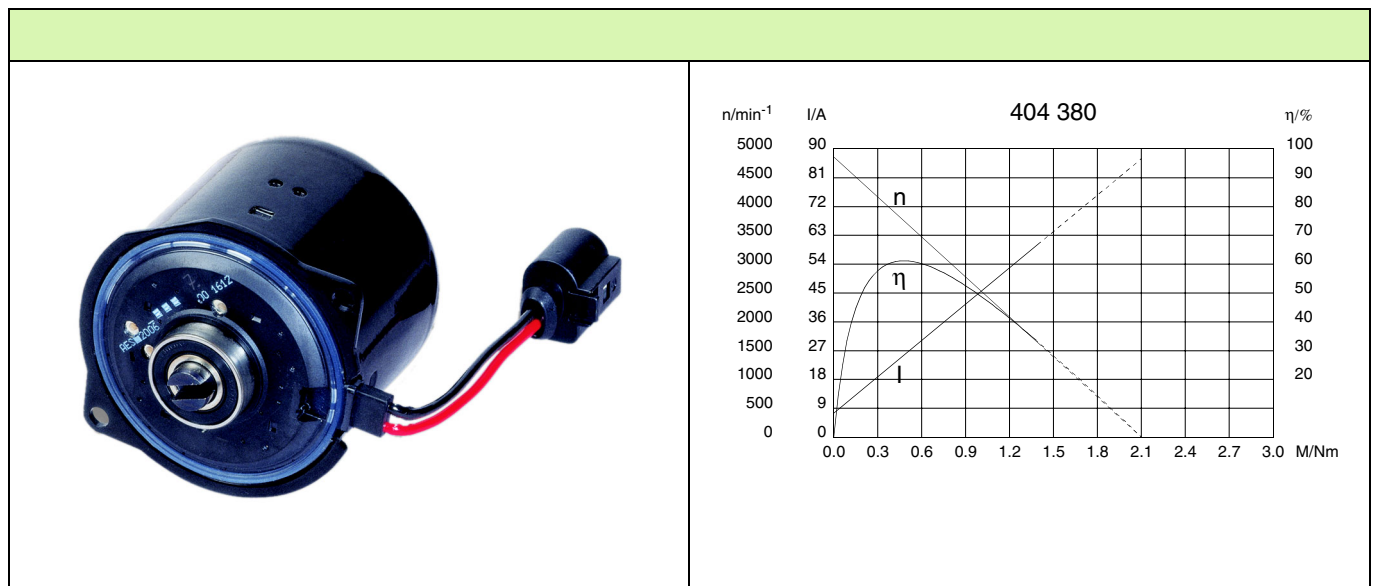
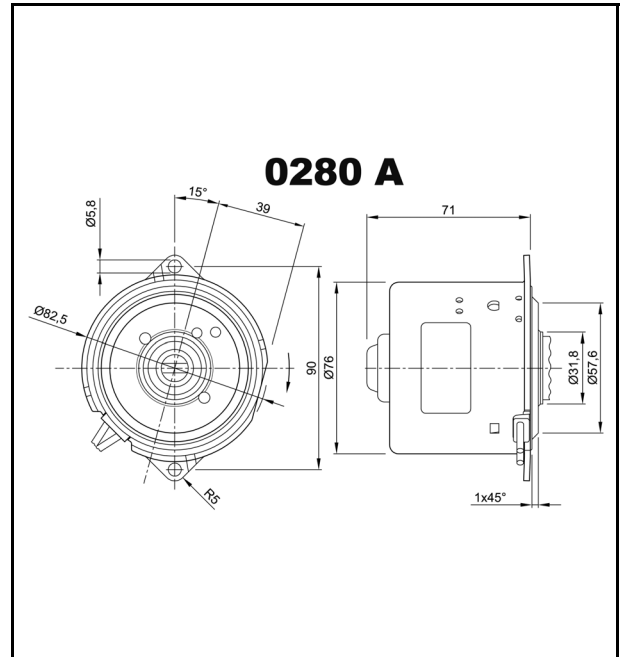
SWMG

SW3K

Series 0280 (GMM)

Motor type 404 380

Technical Data			
Rated voltage	U_N	[Volts]	12
	n_0	[min ⁻¹]	
Rated torque	M_N	[Nm]	0,50
ON time		%	
ON		[min]	
Starting torque	M_A	[Nm]	2,10
Transmission ratio	i		
Connection resistance 2 discs	R	[mΩ]	
	R	[mΩ]	
Connection inductance 2 discs	L	[mH]	
	L	[mH]	



Series GMM

Motor type 404 495

Design Data

Commutation	Brushed
Direction of rotation	Bi-directional
Bearing type	

Performance data

Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	0.40
No-load speed [min^{-1}]	n_0	4,900.0
Nominal power [W]	P_N	158
Nominal current [A]	I_N	0.0
Nominal force [kN]	F_N	0.00

Duty cycle

Sensor data

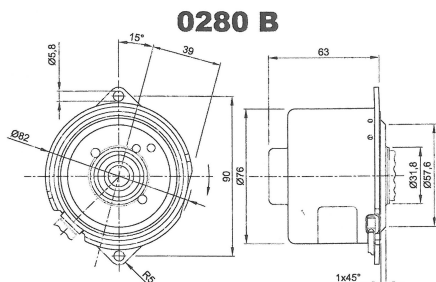
Pulses	0
Output channels	0

Other data

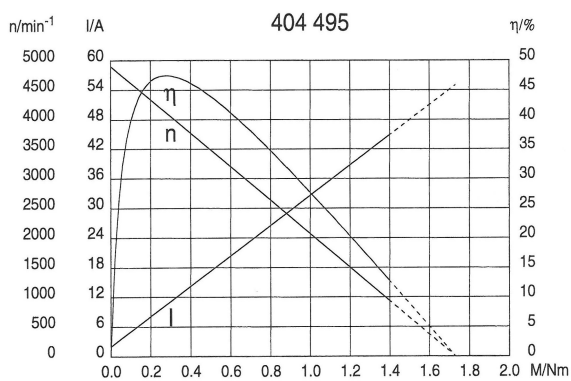
Gear ratio	
Gear wheel material	
Suppression components	
Enclosure class	IP67
Weight [kg]	0.800

Remarks:

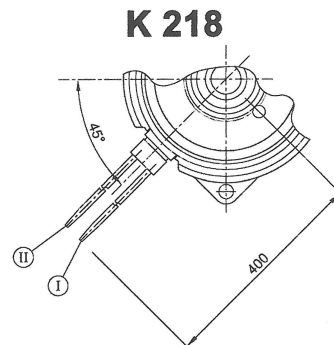
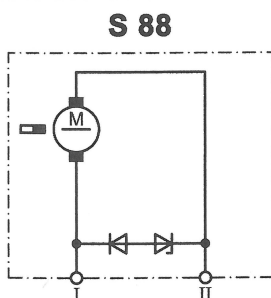
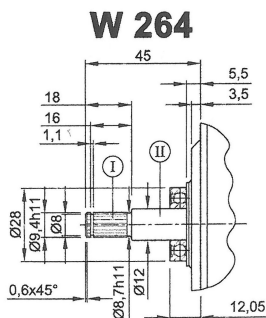
Characteristic curves



Motor picture



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



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