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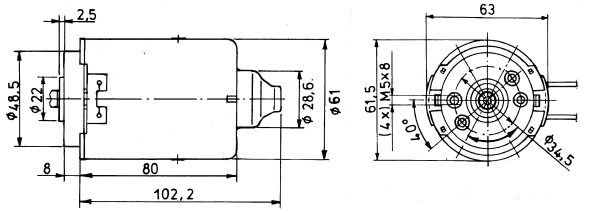
Baureihe 0272 (GMK)

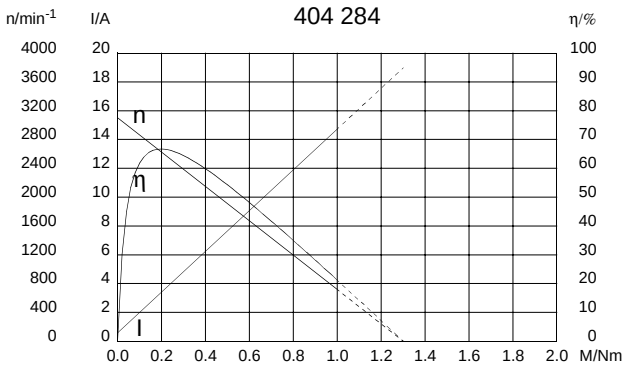
Motortyp 404 284

Technische Daten

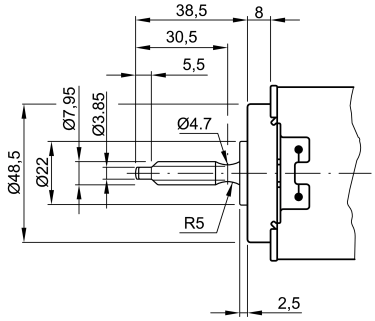
Nennspannung		U_N	[Volt]	24
Leerlaufdrehzahl		n_0	[min^{-1}]	3100
Nenndrehmoment		M_N	[Nm]	0,19
Einschaltdauer			%	
EIN			[min]	
Anlaufmoment		M_A	[Nm]	1,3
Getriebeübersetzung		i		--
Anschlusswiderstand	2 Lamellen	R	[mΩ]	970,00
	4 Lamellen	R	[mΩ]	810,00
Anschlussinduktivität	2 Lamellen	L	[mH]	2,00
	4 Lamellen	L	[mH]	1,80
Läuferträgheitsmoment		J_R	[kgm^2] × 10^{-6}	72,0
Zahnradwerkstoff			--	
Hall IC				
Impuls/Umdrehung Antriebswelle				
Ausgangskanäle				
Bemerkungen		1-gängige Schnecke		
Schutzart				IP 30
Gewicht			[kg]	0,90

0272 A

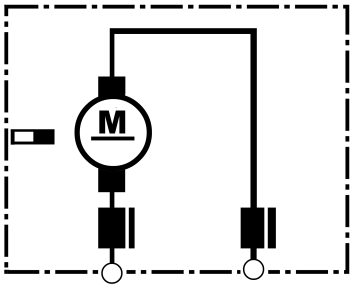




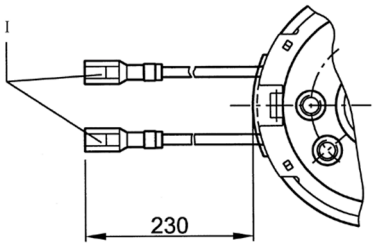
W 220



S 27



K 180



I Flachsteckhülsen 2,8 x 0,8 DIN 46 247

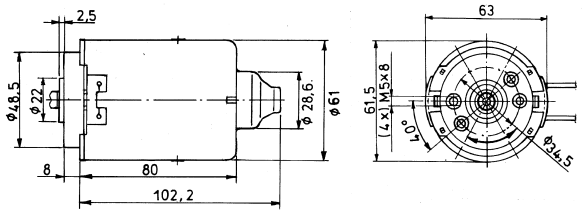
Series 0272 (GMK)

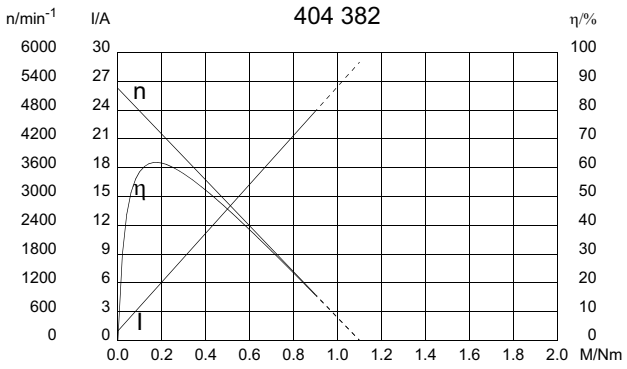
Motor type 404 382

Technical Data

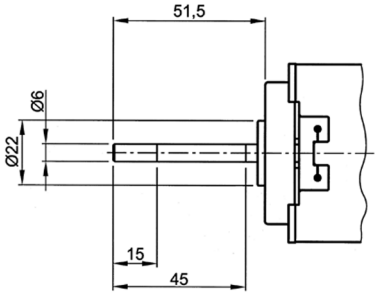
Rated voltage		U_N	[Volt]	24
No-load speed		n_0	[min^{-1}]	5250
Nominal torque		M_N	[Nm]	0,12
ON time			%	
ON			[min]	
Starting torque		M_A	[Nm]	1,10
Gear ratio		i		--
Armature resistance,	2 bars	R	[mΩ]	530,00
	4 bars	R	[mΩ]	360,00
Armature inductance,	2 bars	L	[mH]	0,90
	4 bars	L	[mH]	0,80
Armature load inertia		J_R	[kgm^2] × 10^{-6}	60,00
Gear wheel material			--	
Hall IC				
Pulses/rev. drive shaft				
Output channels				
Remarks				
Enclosure class				IP 30
Weight			[kg]	0,900

0272 A

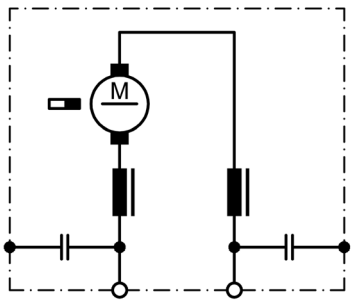




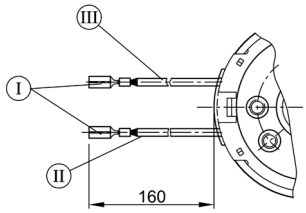
W 232



S 30



K 190



I Blade receptacles
2,8 x 0,8 DIN 46 247
II black

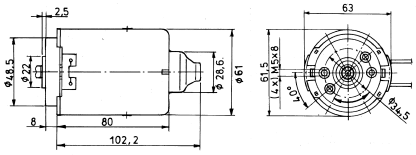
III red

Series GMK
Motor type 404 384

Design Data	
Commutation	brushed
Direction of rotation	bidirectional
Bearing Type	A:Ball - B:Sleeve

Performance data		
Nominal Voltage [V]	U_N	24
Nominal Torque [Nm]	M_N	0,12
Nominal Speed [min^{-1}]	n_N	3.496
Nominal Power [W]	P_N	43,9
Nominal current [A]	I_N	3,0
Nominal force [kN]	F_N	0,00
Duty cycle		s3

0272 A



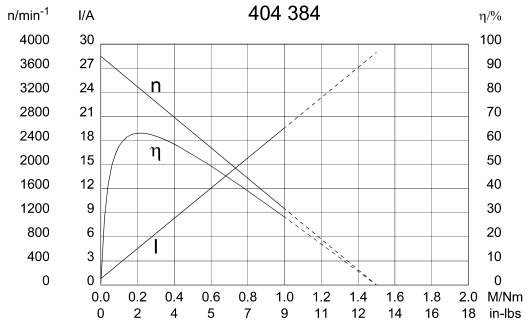
Sensor data	
Pulses	0
Output channels	0

Other data	
Gear ratio	
Gear wheel material	
Suppression components	5µH, 1nF
Enclosure class	IP 30
Weight [kg]	0,900

Remarks:
4 start worm

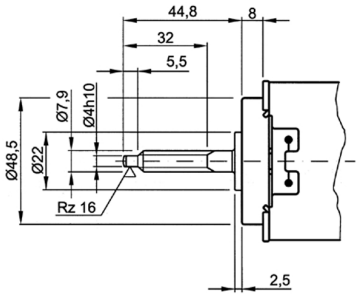
Motor picture

Characteristic Curves



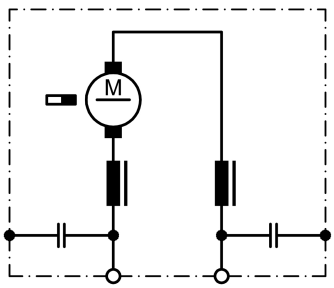
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 218

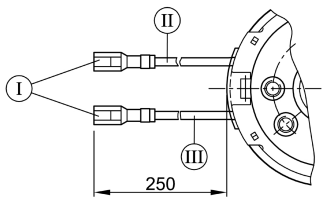


no of starts 4 **,lead angle** 30°31'35", **pressure angle**: 15°, **pitch** 11.6707 mm (0,459"), **module** 0,8

S 30



K 189



I Receptacle for tabs 2,8 x 0,8 DIN 46 247
II red
III black

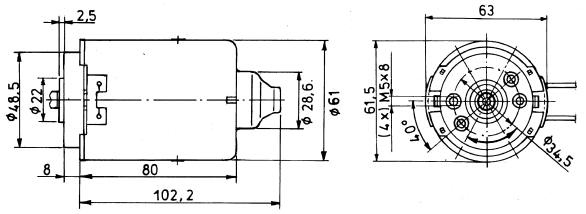
Series 0272 (GMK)

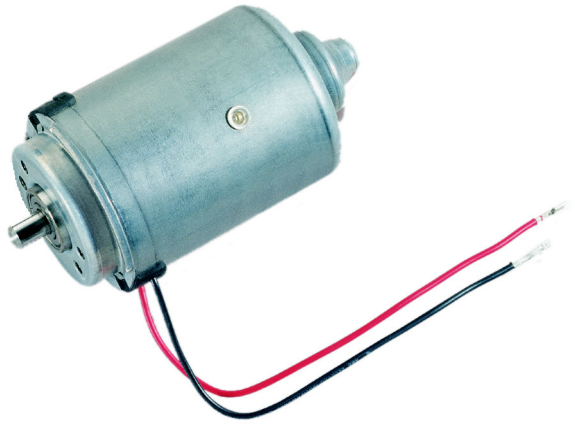
Motor type 404 753

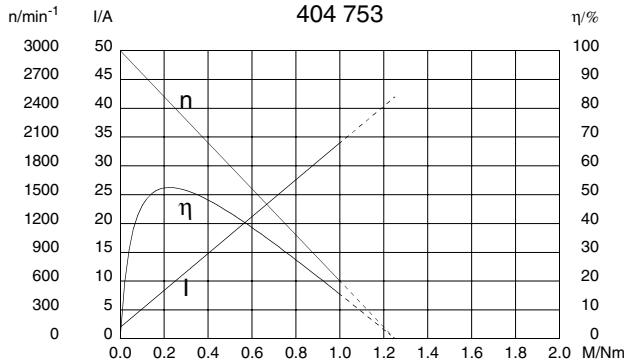
Technical Data

Rated voltage		U_N	[Volt]	12
No-load speed		n_0	[min^{-1}]	3000
Nominal torque		M_N	[Nm]	0,35
ON time			%	
ON			[min]	
Starting torque		M_A	[Nm]	1,25
Gear ratio		i		--
Armature resistance,	2 bars	R	[mΩ]	240,00
	4 bars	R	[mΩ]	195,00
Armature inductance,	2 bars	L	[mH]	0,43
	4 bars	L	[mH]	0,39
Armature load inertia		J_R	[kgm^2] × 10^{-6}	54,00
Gear wheel material				
Hall IC				
Pulses/rev. drive shaft				
Output channels				
Remarks				
Enclosure class				IP 30
Weight			[kg]	0,900

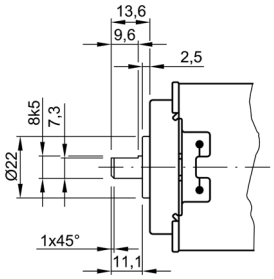
0272 A



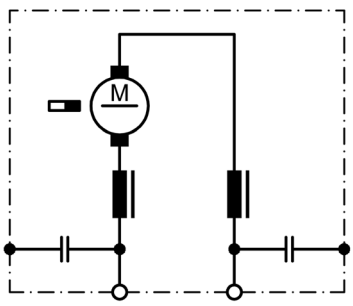




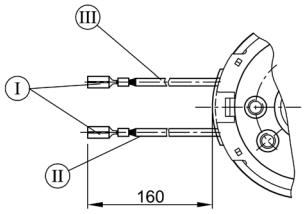
W 280



S 30



K 190



I Blade receptacles
2,8 x 0,8 DIN 46 247
II black

III red

Series GMK
Motor type 404 757

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

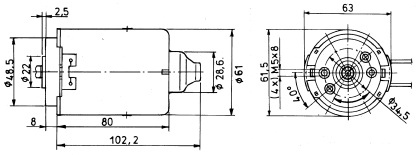
Performance data		
Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	0.30
No-load speed [min^{-1}]	n_0	2,200.0
Nominal power [W]	P_N	53.2
Nominal current [A]	I_N	3.0
Nominal force [kN]	F_N	0.00
Duty cycle		s1

Sensor data	
Pulses	0
Output channels	0

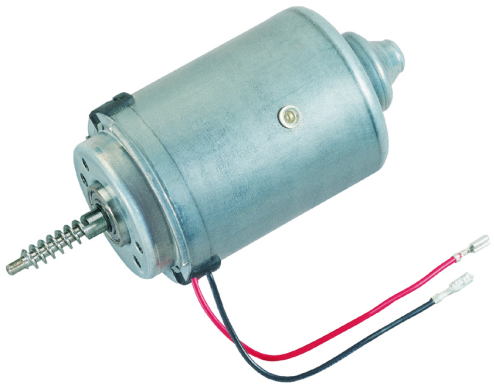
Other data	
Gear ratio	
Gear wheel material	
Suppression components	5µH, 10nF
Enclosure class	IP 30
Weight [kg]	0.890

Remarks:

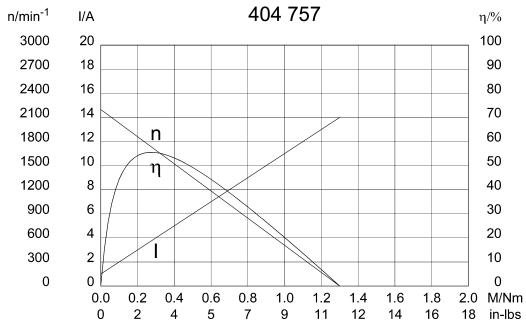
0272 A



Motor picture

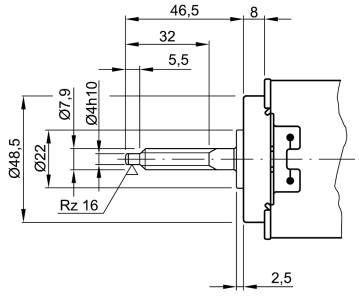


Characteristic curves



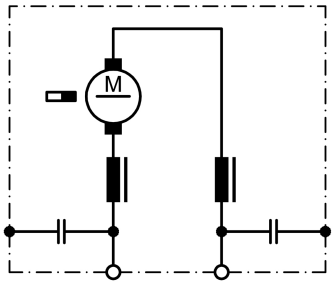
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 281

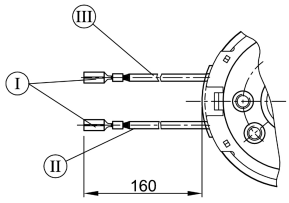


no of starts 2 , **lead angle** 19°48'54", **pressure angle** 15°, **pitch** 3,141 mm (0,124"), **module** 1

S 30



K 190



I Receptacles for tabs 2,8 x 0,8 DIN 46 247
II black
III red

Series GMK
Motor type 404 880

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

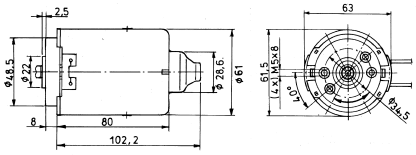
Performance data		
Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	0.15
No-load speed [min^{-1}]	n_0	2,200.0
Nominal power [W]	P_N	30.9
Nominal current [A]	I_N	2.5
Nominal force [kN]	F_N	0.00
Duty cycle		s1

Sensor data	
Pulses	0
Output channels	0

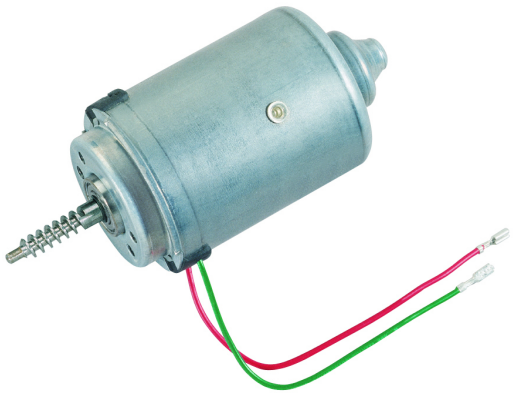
Other data	
Gear ratio	
Gear wheel material	
Suppression components	5µH
Enclosure class	IP 30
Weight [kg]	0.900

Remarks: 3 start worm

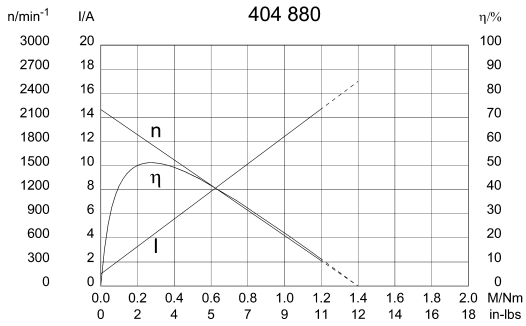
0272 A



Motor picture

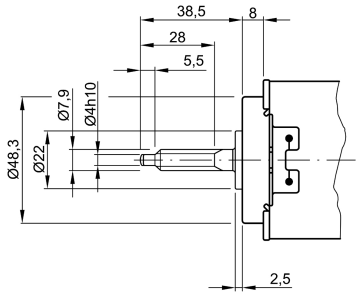


Characteristic curves



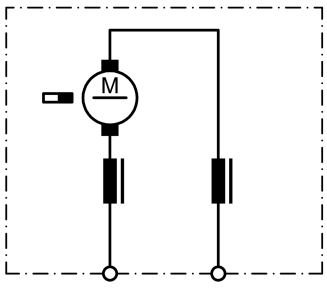
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

W 300

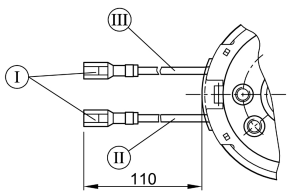


no of starts 3, **lead angle** 30°33'44", **pressure angle** 15°, **module 1**, **pitch** 3,141 mm (0,124")

S 27



K 264



I Receptacle for tabs 2,8 x 0,8 DIN 46 247
II green
III red

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