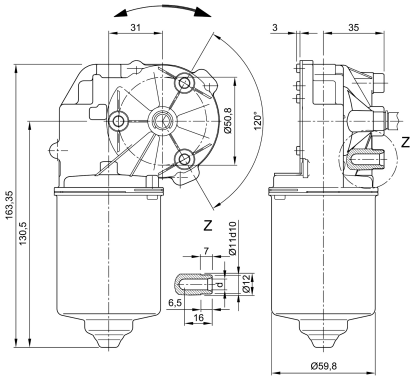
Series DCK31
Motor type 404 987

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

0266 AR



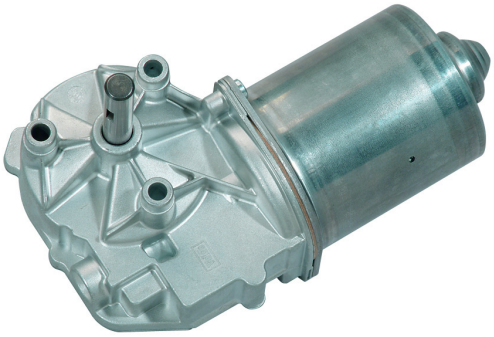
Performance data		
Nominal Voltage [V]	U_N	24
Nominal Torque [Nm]	M_N	3,00
Nominal Speed [min^{-1}]	n_N	11,455
Nominal Power [W]	P_N	3,6
Nominal current [A]	I_N	1,0
Nominal force [kN]	F_N	0,00
Duty cycle		s1

Sensor data	
Pulses	234
Output channels	1

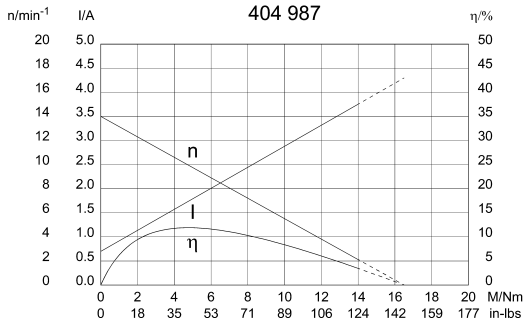
Other data	
Gear ratio	78/1
Gear wheel material	bronze
Suppression components	6µH,1nF
Enclosure class	IP 30
Weight [kg]	1,210

Remarks:
d = for thread-forming screw M6 DIN ISO 965-2

Motor picture

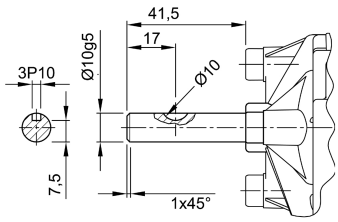


Characteristic Curves

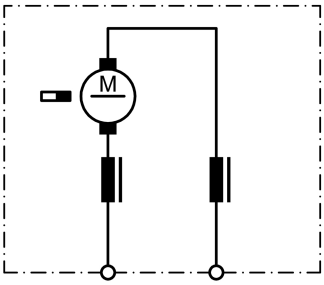


Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

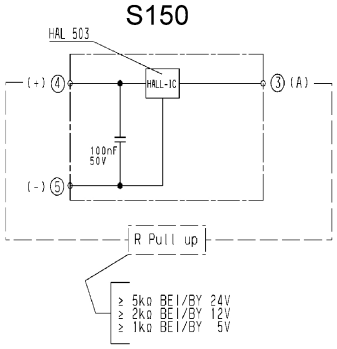
W 327



S 27

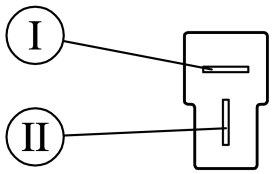


S150



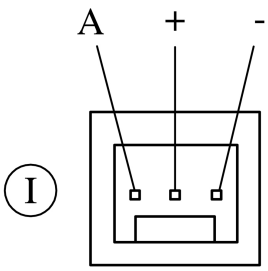
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

K 320



Flat plug (DIN 46244) 6,3x0,8 mating with receptacle housing part#180907, drwg# C-180907& Receptacles for tabs, conductor cross section 0,5-1,5 sqmm (20-18AWG) part# 925603-x, drwg# 925603 www.tycoelectronics.com

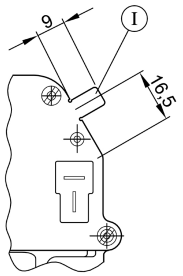
K 325



MAS-CON Solder tail MLAS 100-3435 mating

with end connector CE100F-22-xx-x-x or CEP100 F-22-xx-x-x
www.itwpancon.com

K 321



I Ground connection
Blade terminal 6.3 x 0.8 DIN 46 244

Notes