

Series DCK31

Motor type 404 854

Design Data	
Commutation	Brushed
Direction of rotation	Bi-directional
Bearing type	A:ball - B:sleeve

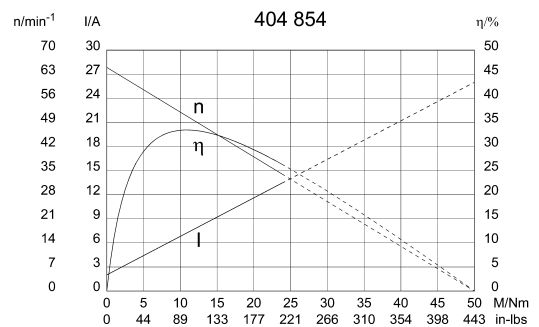
Performance data		
Rated voltage [V]	U_N	24
Nominal torque [Nm]	M_N	4.00
No-load speed [min^{-1}]	n_0	65.0
Nominal power [W]	P_N	25.0
Nominal current [A]	I_N	4.0
Nominal force [kN]	F_N	0.00
Duty cycle	s1	

Sensor data	
Pulses	69
Output channels	1

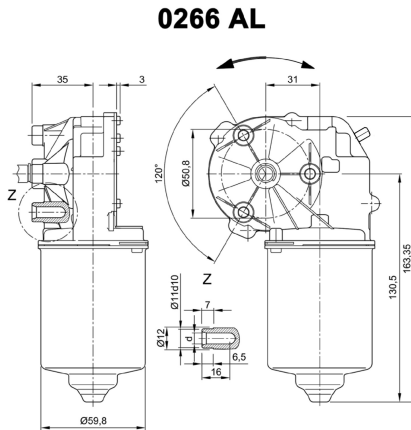
Other data	
Gear ratio	69/1
Gear wheel material	plastic
Suppression components	6 μH
Enclosure class	IP 30
Weight [kg]	1.250

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

Characteristic curves

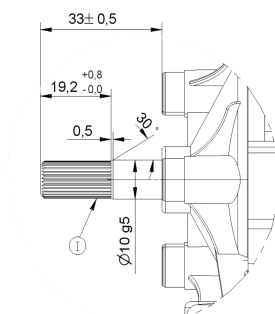


Motor picture

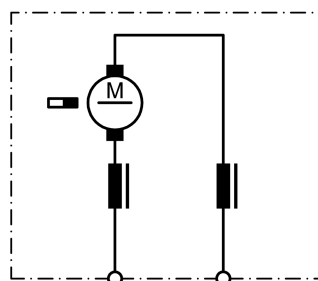


Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

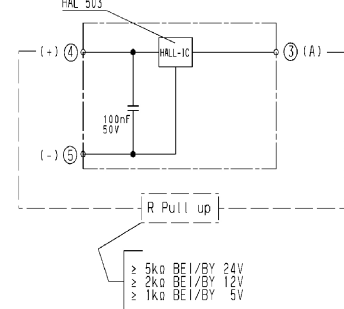
W330



S 27



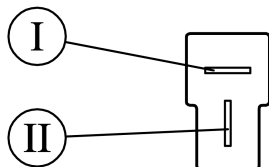
S150



I serration (rolled): no of teeth 28, pitch circle
 dia 9 mm, tip circle dia 9.6 mm, root circle
 dia 8.26 mm space width angle 60° - go/no go
 gauge Franco 33906 - www.frenco.de

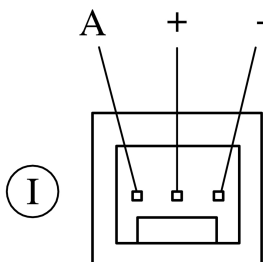
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

K 320



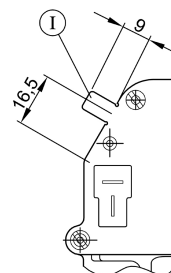
Flat plug (DIN 46244) 6,3x0,8 mating with receptacle housing part#180907, drwg# C-180907& Receptacles for tabs, conductor cross section 0,5-1,5 sqmm (20-18AWG) part# 925603-x, drwg# 925603 www.tycoelectronics.com

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 312



Ground connection 6.3 x 0.8 DIN 46 244,
d=0.9-0.1mm, mating with receptacle for tab,
conductor cross section 0.5-1.5 sqmm/20-16
AWG, part# RSB8240.158 F 6.3-1.5
www.stocko.de

Notes