

Series DCK31 Motor type 404 990

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

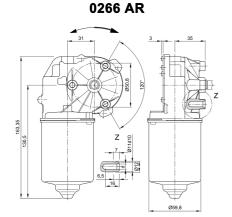
nutation	Brushed
ion of rotation	Bi-directional
ng type	A:Ball - B:Sleeve

Performance data Rated voltage [V] 24 U_{N} Nominal torque [Nm] 3.00 M_N 195.0 n_0 No-load speed [min⁻¹] Nominal power [W] P_{N} 52.5 Nominal current [A] I_N 5.0 Nominal force [kN] 0.00 F_N Duty cycle s1

Sensor data	
Pulses	207
Output channels	1

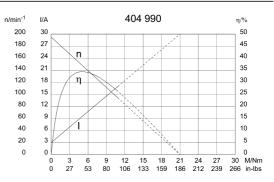
Other data	
Gear ratio	53/2
Gear wheel material	plastic
Suppression components	6μH, 1nF
Enclosure class	IP 30
Weight [kg]	1.210

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

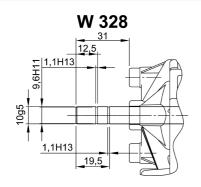


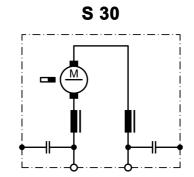
Motor picture

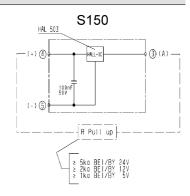




Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)







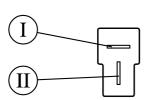
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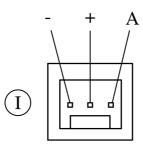
Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

K 320



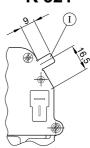
Flat plug (DIN 46244) 6,3x0,8 mating with receptacle housing part#180907, drwg# C-180907& Receptacles for tabs, conductor cross section 0,5-1,5 sqmm (20-18AWG) part# 925603-x, drwg# 925603 www.tycoelectronics.com

K 326



MAS-CON solder tail MLAS 100-3435 mating with end connector CE 100F-22-xx-x-x or CEP 100F-22-xx-x-x

K 321



I Ground connection Blade terminal 6.3 x 0.8 DIN 46 244

Notes