

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

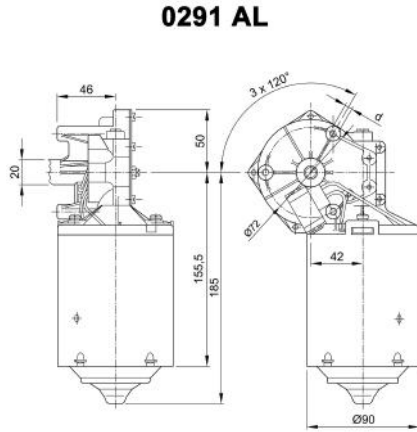
Performance data		
Rated voltage [V]	$U_N$	12
Nominal torque [Nm]	$M_N$	6.00
No-load speed [ $\text{min}^{-1}$ ]	$n_0$	52.0
Nominal power [W]	$P_N$	29.7
Nominal current [A]	$I_N$	6.0
Nominal force [kN]	$F_N$	0.00
Duty cycle		s1

Sensor data	
Pulses	0
Output channels	0

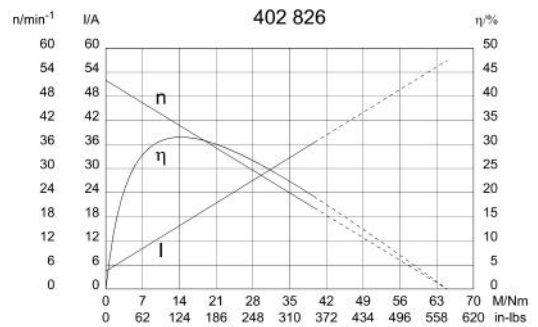
Other data	
Gear ratio	59/1
Gear wheel material	Resinbonded fabric
Suppression components	
Enclosure class	IP 20
Weight [kg]	2.900

Remarks: d = M6x16mm

### Characteristic curves

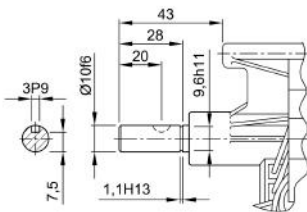


### Motor picture

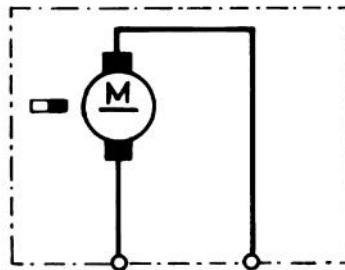


### Output shaft drawing (W), Wiring diagrams (S) and Connector layout (K)

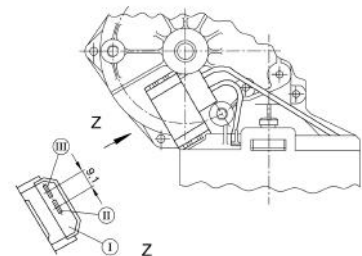
#### W 278



#### S 28



#### K 243



Flat plug 6,8x0,8 DIN 46244 mating with receptacle for tabs and connector housing 163 006-1, drwg C163006, [www.tycoelectronics.com](http://www.tycoelectronics.com)