

# BLDC 40P30F 16P2.063D

# Brushless 3-Phase DC Motor



Rated Voltage	<b>18</b>	V
No Load Speed	<b>18.500</b>	rpm
Rated Speed	<b>13.800</b>	rpm
Cont. Power	<b>290</b>	W
Rated Torque	<b>200</b>	mNm
Cont. Stall Torque		
Current at rated Speed	<b>20</b>	A
Torque Constant	<b>9,3</b>	mNm/A
Efficiency at Duty Point	<b>85</b>	%
Weight	<b>0,35</b>	kg
Rotor Inertia	<b>40</b>	gcm <sup>2</sup>
Number of Poles	<b>8</b>	
Oper. Temp. Range	<b>-20 / + 45</b>	°C
Max. Temp. Rise	<b>70 K</b>	@ +45°C

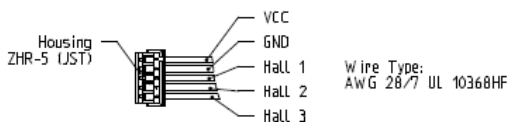
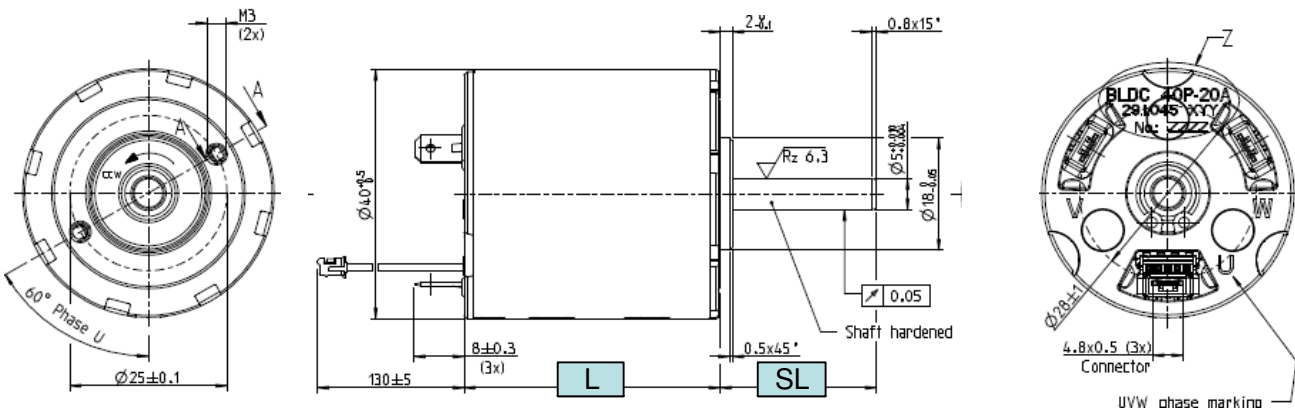
## Features

High power-to-volume ratio  
High efficiency at duty point  
High reliability

## Typical Applications

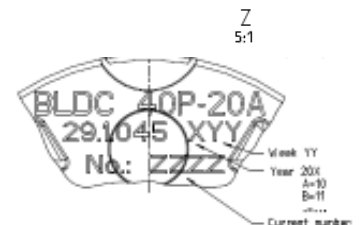
Pump drives  
Factory Automation  
Office Automation

Motor Code: 12108880022



Hall-Sensor-Connector

Model	Motor length "L" / mm	Shaft length "SL" / mm
BLDC40x10A	31	20
BLDC40x20A	41	25
BLDC40x30A	51	25
BLDC40x40A	61	25
BLDC40x20F	48	25
BLDC40x30F	58	25



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