

# BLDC 40P20A 29.1.045

# Brushless 3-Phase DC Motor



Rated Voltage	<b>12</b>	<b>24</b>	V
No Load Speed	<b>2.430</b>	<b>4.870</b>	rpm
Rated Speed	<b>2.000</b>	<b>4.000</b>	rpm
Cont. Power		<b>20</b>	W
Rated Torque		<b>52</b>	mNm
Cont. Stall Torque			
Current at rated Speed		<b>1,2</b>	A
Torque Constant		<b>43</b>	mNm/A
Efficiency at Duty Point		<b>84</b>	%
Weight	<b>0,28</b>		kg
Rotor Inertia	<b>30</b>		gcm <sup>2</sup>
Number of Poles	<b>14</b>		
Oper. Temp. Range	<b>-20 / + 45</b>		°C
Max. Temp. Rise	<b>70 K</b>		@ +45°C

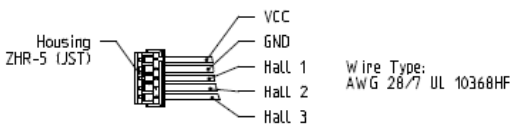
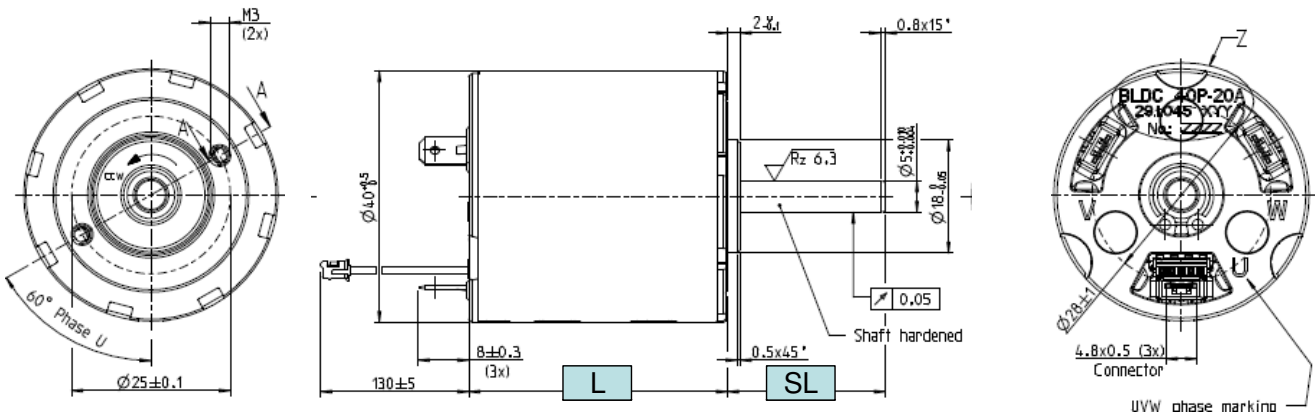
## Features

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

## Typical Applications

Pump drives  
Factory Automation  
Office Automation

Motor Code: 121088800074



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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