

# BLDC 40P10A 78.1.0265

# Brushless 3-Phase DC Motor



Rated Voltage	<b>12</b>	<b>24</b>	V
No Load Speed	<b>1.700</b>	<b>3.400</b>	rpm
Rated Speed	<b>1.600</b>	<b>2.120</b>	rpm
Cont. Power		<b>10</b>	W
Rated Torque		<b>45</b>	mNm
Current at rated Speed		<b>0,65</b>	A
Torque Constant	<b>63</b>	<b>69</b>	mNm/A
Efficiency at Duty Point		<b>80</b>	%
Weight		<b>0,16</b>	kg
Rotor Inertia		<b>16</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

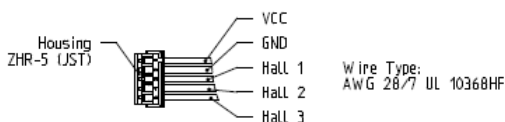
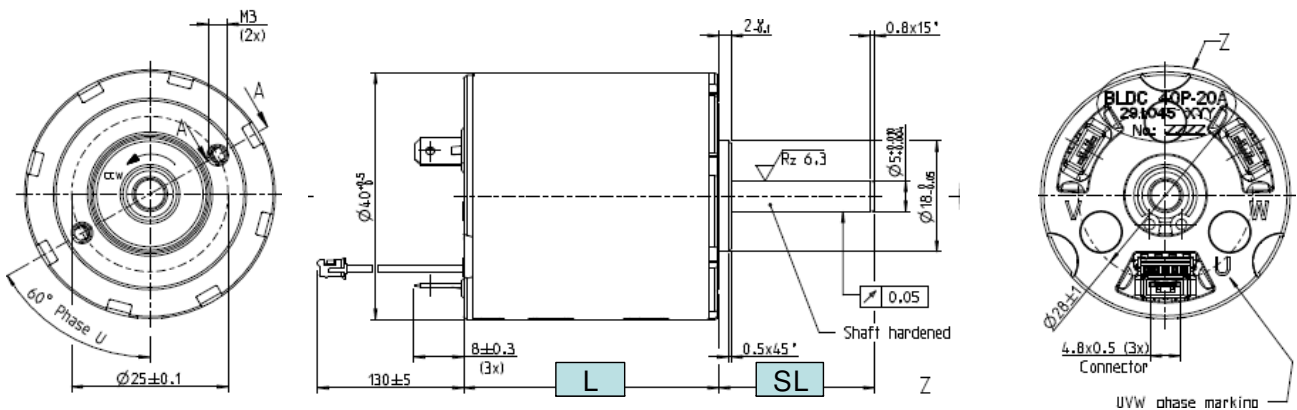
## Features

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

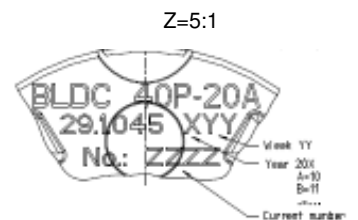
## Typical Applications

Pump drives  
Factory Automation  
Office Automation

Motor Code: 121088800071



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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PM DM GmbH  
Auf Herdenen 10  
D-78052 Villingen-Schwenningen  
Tel.: +49 (0) 7721 / 997-0

<http://www.pmdm.de>  
Mail: sales@pmdm.de

**PM DM**  
Precision Motors Deutsche Minebea GmbH

