

BLDC 40P20A 29.1.045

Brushless 3-Phase DC Motor



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

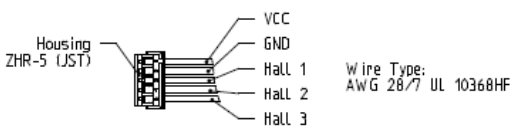
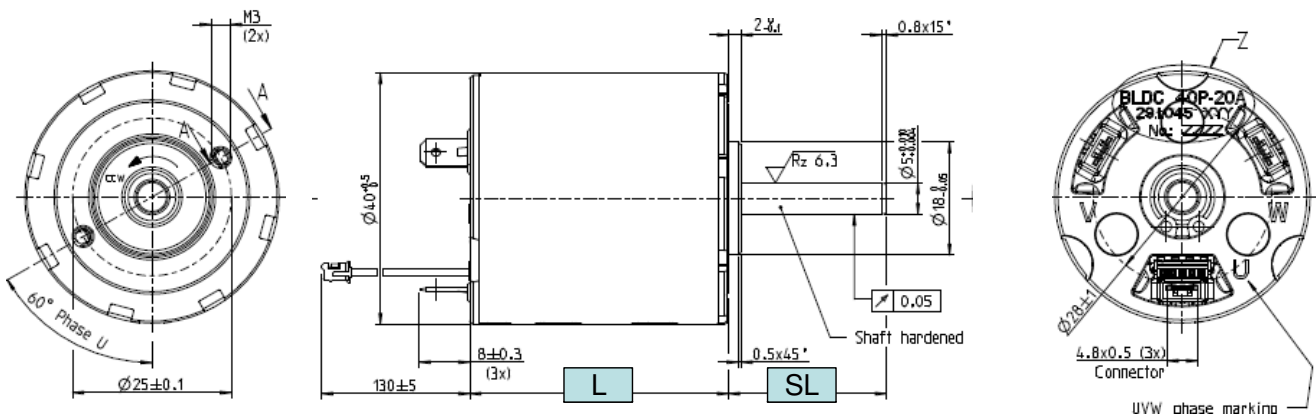
Features

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

Typical Applications

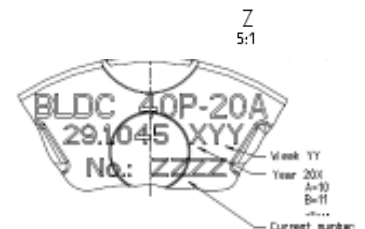
Pump drives
Factory Automation
Office Automation

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



Stand Aug 2011

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