

# BLDC 40S40A 27P2.0475

## Brushless 3-Phase DC Motor



|                          |            |                  |
|--------------------------|------------|------------------|
| Rated Voltage            | 24         | V                |
| No Load Speed            | 4.780      | rpm              |
| Rated Speed              | 4.050      | rpm              |
| Cont. Power              | 109        | W                |
| Rated Torque             | 256        | mNm              |
| Cont. Stall Torque       |            |                  |
| Current at rated Speed   | 5,4        | A                |
| Torque Constant          | 46,7       | mNm/A            |
| Efficiency at Duty Point | 86         | %                |
| Weight                   | 0,4        | kg               |
| Rotor Inertia            | 117        | gcm <sup>2</sup> |
| Number of Poles          | 16         |                  |
| Oper. Temp. Range        | -20 / + 45 | °C               |
| Max. Temp. Rise          | 70 K       | @ +45°C          |

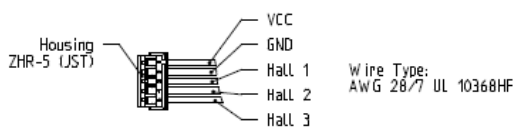
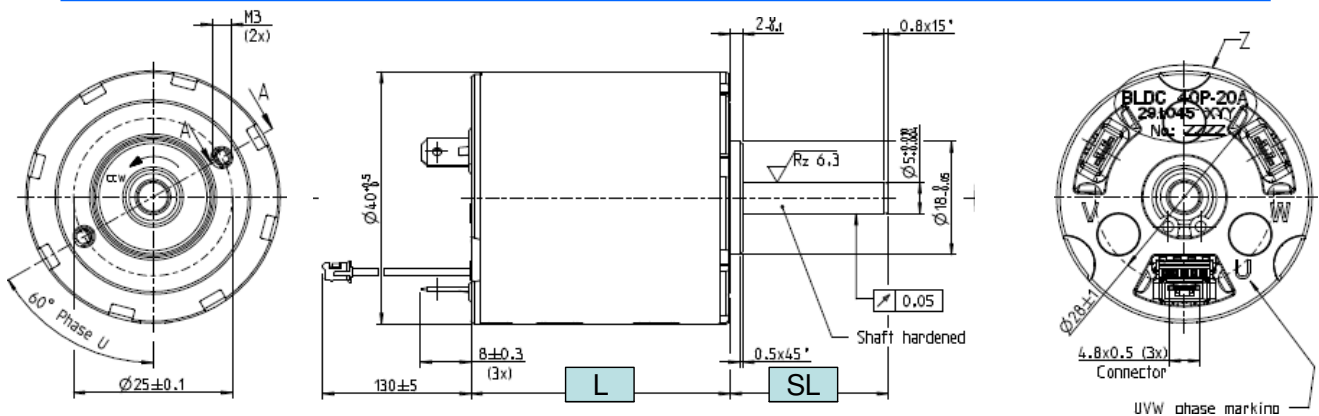
### Features

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

### Typical Applications

Pump drives  
Factory Automation  
Office Automation

Motor Code: 121088800072



Hall-Sensor-Connector

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

