

# Brushless DC motors

## Brushless DC motors - 50 W to 120 W



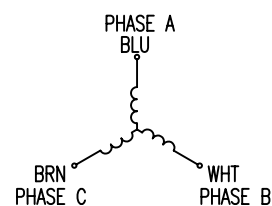
### Option



### Pin configuration DB57

DB57	Color	Function
Motor	Blue	U
	White	V
	Brown	W
Hall	Orange	+5 V
	Black	GND
	Yellow	H1
	Gray	H2
	Green	H3

### STAR CONNECTION



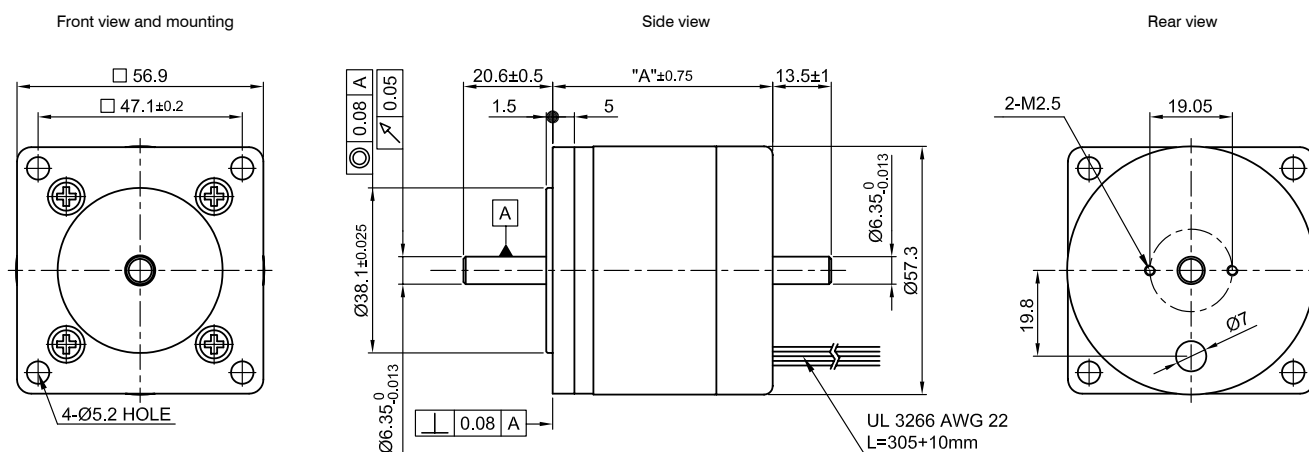
### Accessories

**Encoder:** WEDS...; WEDL...  
with 500-1000 pulses

**Brake:** Possible on request.

### Outline drawing (mm)

#### DB57 - sizes S, L, C



### Available versions (others on request)

Type	Nom. output W	Nom./peak torque Ncm	Nom./peak current A	Nom. voltage/speed V/rpm	Torque Constant Ncm/A	Resistance Ohm/winding	Inductance mH/winding	Rotor inertia gcm <sup>2</sup>	Weight kg	Length "A" mm
DB57S01	50	19 / 56	3.58 / 10.57	24 / 2700	5.30	1.50	1.53	200	0.60	50.8
DB57L01	75	28 / 106	4.67 / 17.67	24 / 2740	6.00	0.80	1.05	330	1.10	76.2
DB57C01	120	37 / 134	5.87 / 21.27	24 / 2800	6.30	0.42	0.62	500	1.50	101.6