

## ASB42 brushless DC motor with terminal box



Option



Pin configuration

TWINTUS CONNECTOR M16 7 pin	
PIN NO.	Function
1	U
2	n.c.
3	V
4	n.c.
5	W
6	n.c.
PE	PE

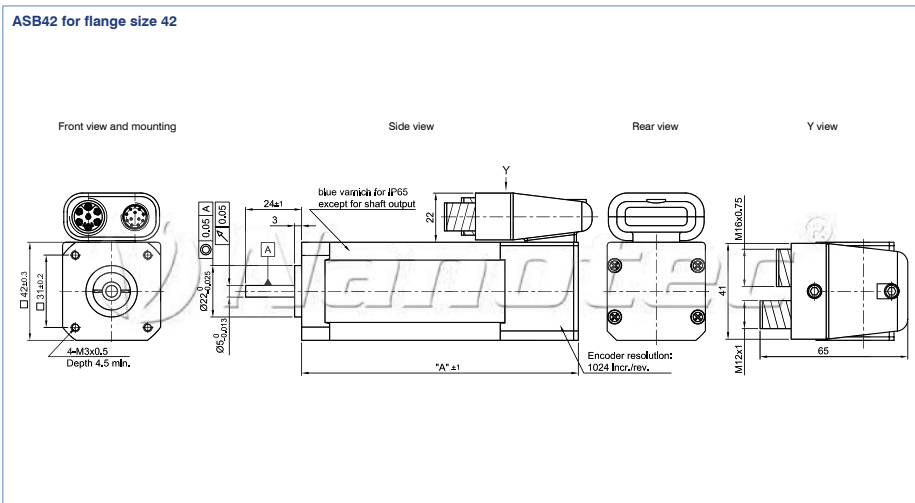
  

TWINTUS CONNECTOR M12 12 pin	
PIN NO.	ENC./HALL
1	GND
2	5 V
3	GND
4	A
5	A1
6	B
7	B1
8	I
9	I1
10	H1
11	H2
12	H3

**Encoder:** Integrated magnetic 3-channel encoder with line driver (5-V TTL), 1024 CPR

Dimension image (mm)

ASB42 for flange size 42



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 torque gcm <sup>2</sup>	Weight kg	Length "A" mm
ASB42C048060-ENM	150	25 / 75	4.63 / 13.89	48 / 6000	5.40	0.68	1.21	96	0.75	119

## ASB87 brushless DC motor with terminal box



Option



Pin configuration

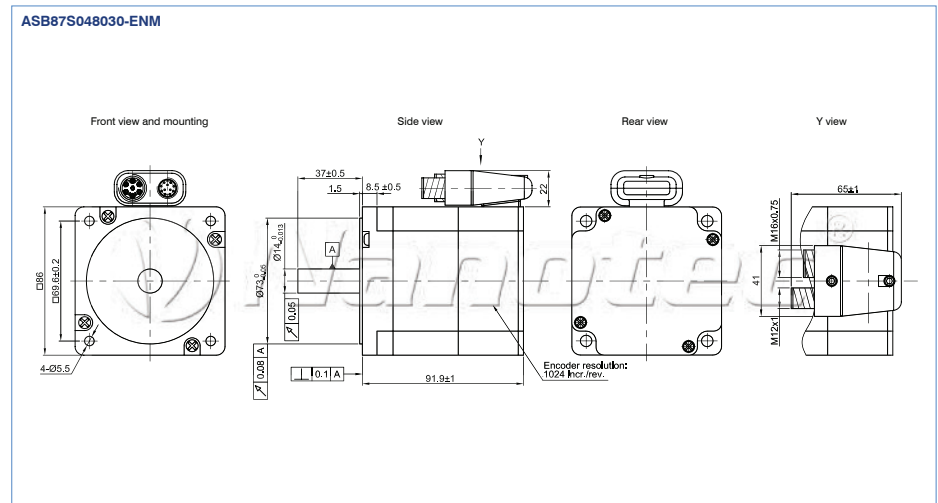
TWINTUS CONNECTOR M12 12 pin	
PIN NO.	ENC./HALL
1	GND
2	5 V
3	GND
4	A
5	A1
6	B
7	B1
8	I
9	I1
10	H1
11	H2
12	H3

TWINTUS CONNECTOR M16 6 pin	
PIN NO.	Function
1	U
2	U
3	V
4	V
5	W
6	W
PE	PE

Dimension image (mm)

ASB87S048030-ENM



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 torque gcm <sup>2</sup>	Weight kg	Length "A" mm
ASB87S048030-ENM	250	0.7 / 2.01	6.25 / 17.95	48 / 3000	11.2	0.34	1.00	800	1.85	91.9