

SERIA DCMIND - PRZEKŁADNIA PLANETARNA Ø 42 MM + SILNIK SZCZOTKOWY DC

8981AXXX

Silnik szczotkowy DC z przekładnią planetarna ø 42 mm

- 12→48 V DC, 15→35 W, 9→344 obr/min, 15 Nm max
- Niski poziom hałasu/drgań
- Wysoka sprawność
- Długa żywotność
- IP65 w standardzie, opcjonalnie IP69K



OPIS PRODUKTU

The DCmind Brush product family is Crouzet's new generation of high performance DC motors.

Engineered to be very quiet and energy-efficient, making it ideal for medical and laboratory applications and any application that requires low noise levels & low vibration.

For comparison the motor without gearbox noise level 35 dBA is substantially quieter than average rain, which has a noise level of about 50 dB.

DCmind Brush has a lifespan of up to 24,000h without load and up to 5,000h with rated load.

The motors are rated to IP65 dust/water protection class as standard with the ability to reach up to IP69K.

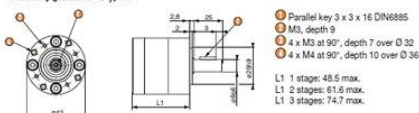
DCmind is certified for UL and various other specific certificates within the medicine and household industry.

Options for adaptation to the standard motor include encoder, brake, special output shafts & general mechanical/electrical modifications developed according to your specific application requirements.

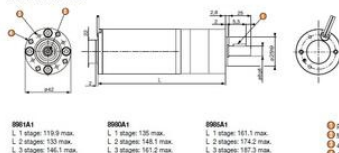
SPECYFIKACJA TECHNICZNA

Dostępne prędkości	9rpm→324rpm
Moc	15 W
Moment maksymalny	15
Napięcie zasilania	12 V DC, 24 V DC, 48 V DC
Przełożenie	i=9→393:1
Średnica	42 mm
Średnica wałka	8 mm
Stopień ochrony IP	IP65
Typ przekładni	Planetarna
Żywotność	4000h

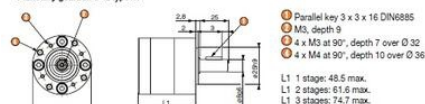
Planetary gearbox ø42 type A1



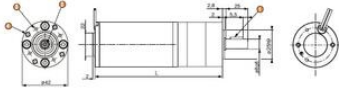
8981A1 - 8985A1 - 8986A1



Planetary gearbox ø42 type A1



8961A1 - 8962A1 - 8963A1



8961A1
 L 1 stage: 118.9 max.
 L 2 stages: 133 max.
 L 3 stages: 146.1 max.

8962A1
 L 1 stage: 135 max.
 L 2 stages: 148.1 max.
 L 3 stages: 161.2 max.

8963A1
 L 1 stage: 161.1 max.
 L 2 stages: 174.2 max.
 L 3 stages: 187.3 max.

Parallel key 3 x 3 x 16 DIN6166
 M1, depth 9
 2 x M3 at 90°, depth 7 over D 32
 4 x M4 at 90°, depth 10 over D 36