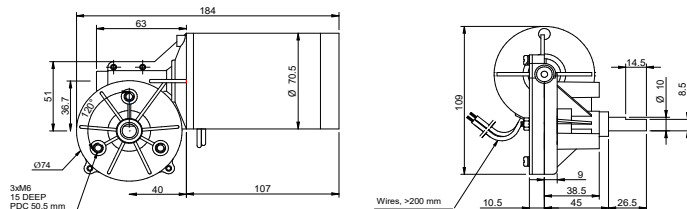


## DRAWING (mm)



## PHOTO



## MODEL NO. DESIGNATION

WLD70107 - VOLTAGE - GEAR RATIO - FEATURE

Example: WLD70107-12-65-B

B = Brake

## ACCESSORIES



● C = customizations are offered on demand even for smaller quantities. Typical customizations are indicated with a green dot at column end. Please contact us for any customization request.

## GEAR MOTOR DATA

Gear ratio		65:1
Nominal speed	rpm	53
Nominal torque	Nm	7.4
Peak torque	Nm	8.3
Nominal power	W	41
Gearbox efficiency	%	64
Weight	kg	2.3

## OTHER GEAR MOTOR DATA

C

Service life	h	3000
Performance tolerances	%	± 15
Operating temperature	°C	-10 to 60
IP rating <sup>1</sup>		IP40   IP51
Manufacturing standard		ISO 9001
CE label   UL label		No   No

## BRUSHED DC MOTOR DATA

C

Nominal voltage	V	24
Nominal current	A	3.5
Nominal speed	rpm	3500
Nominal torque	Ncm	18
Nominal power	W	64
No load current	A	0.55
No load speed	rpm	3900
Start/stall current	A	21
Start/stall torque	Ncm	180
Motor commutation		Carbon brush
Motor rotor		Iron
Motor cable		AWG14
Motor cable length	mm	200
Weight	kg	1.5

## NOTES

1. IP51 without encoder, IP40 with encoder.

## GEARBOX DATA

C

Gearbox type		Worm gearbox
Gear angle		Left
Material gear		Brass and plastic ●
Bearing type		Sleeve bearing
Shaft material		Hardened stainless steel ●

## BRAKE DATA

C

Type	Brake activation unenergized	
Voltage	V	12   24
Power	W	12
Static friction torque	Nm	4.5
Cable length	mm	400
Diameter	mm	60.6
Length	mm	34.2
Weight	kg	0.45