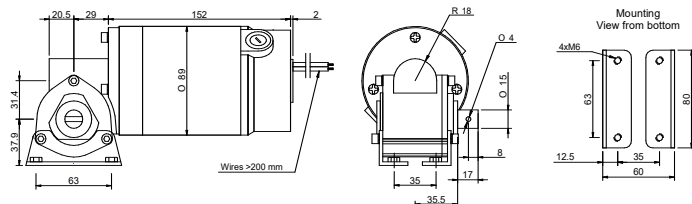


DRAWING (mm)



PHOTO



MODEL NO. DESIGNATION

WLD89152 - VOLTAGE - GEAR RATIO

Example: WLD89152-12-06

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

		6:1	10:1	15:1	30:1
Gear ratio		6:1	10:1	15:1	30:1
Nominal speed	rpm	410	250	160	81
Nominal torque	Nm	3.4	4.9	6.2	8.5
Peak torque	Nm	8	10	14	24
Nominal power	W	150	130	110	72
Gearbox efficiency	%	72	62	53	36
Weight	kg	4.4	4.4	4.4	4.4

OTHER GEAR MOTOR DATA

Service life	h	3000
Performance tolerances	%	± 15
Operating temperature	°C	-10 to 60
IP rating <sup>1</sup>		IP50
Manufacturing standard		ISO 9001
CE label   UL label		No   No

BRUSHED DC MOTOR DATA

Nominal voltage	V	12
Nominal current	A	21
Nominal speed	rpm	2500
Nominal torque	Ncm	78
Nominal power	W	200
No load current	A	3.8
No load speed	rpm	2800
Start/stall current	A	160
Start/stall torque	Ncm	470
Motor commutation		Carbon brush
Motor rotor		Iron
Motor cable		AWG14
Motor cable length	mm	200
Weight	kg	3.4

GEARBOX DATA

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