

DRAWING
(mm)



WLD89152 - VOLTAGE - REDUCTION

ADDITIONAL

Reduction	6:1	10:1	15:1	30:1
Nominal torque 12 V (Nm) *	3.4	4.9	6.2	8.5
Nominal speed 12 V (rpm) *	408	245	163	81
Nominal torque 24 V (Nm) *	3.4	4.9	6.2	8.5
Nominal speed 24 V (rpm) *	408	245	163	81
Length (mm)	221	221	221	221
Weight (kg)	4.4	4.4	4.4	4.4

Reduction	6:1	10:1	15:1	30:1
Max. continuous torque (Nm)	7	8	12	20
Intermittently permissible torque (Nm)	8	10	14	24
Efficiency (%)	72	62	53	36
Weight (kg)	1	1	1	1

	STANDARD	CUSTOMIZATION OPTIONS
Type	Worm gear brush dc gear motor	
Gear shaft	Left	Right
Motor type	Iron core, brush commutation	Winding parameters
Motor brush type	Carbon brushes	
Motor terminals	Cable wires 200 mm	Wiring harnesses, cables, connectors
EMC filter	No	Yes
Gear	Metal	
Bearing	Ball bearing	
Shaft	Hardened stainless steel	Dimensions
Environmental protection	P50	
Operating temperature	-10-...+60 °C	- 40-...+60 °C
RoHS compliance	Yes	
CE label	No	Yes
UL approval	No	Yes
UL approval	No	Yes

Nominal voltage (V)	12	24
No load speed (rpm)	2800	2800
No load current (A)	3.8	1.9
Nominal speed (rpm)	2450	2450
Nominal torque (mNm)	784	784
Nominal current (A)	21	10
Stall torque (Nm)	4.7	4.7
Starting current (A)	160	80
Output (W)	201	201
Length (mm)	152	152
Weight (kg)	3.4	3.4