

# HL149 DC-motor with gearbox



## Motor data

Motor order number	Type	Nominal voltage (V)	Current at max. torque (mA)	Ratio	Maximum torque (mNm)	Speed at no load (rpm)	Speed at max. torque (rpm)	Diameter (mm)	Length (mm)
130-02-12-0010	HL149-12-10	12	210	10:1	40	315	220	30/27	57,5
130-02-12-0021	HL149-12-21	12	200	21:1	75	160	115	30/27	57,5
130-02-12-0043	HL149-12-43	12	210	43:1	150	78	55	30/27	62,5
130-02-12-0090	HL149-12-90	12	150	90:1	150	37	30	30/27	62,5
130-02-24-0010	HL149-24-10	24	120	10:1	40	315	220	30/27	57,5
130-02-24-0021	HL149-24-21	24	115	21:1	75	160	115	30/27	57,5
130-02-24-0043	HL149-24-43	24	120	43:1	150	78	55	30/27	62,5
130-02-24-0090	HL149-24-90	24	85	90:1	150	37	30	30/27	62,5

## General data

Spark suppression	-
Maximum radial shaft load	10 N
Maximum axial shaft load	5 N
Mass of motor	100 grams
Temperature range	-20°C to +60°C

## Dimensional drawing

