

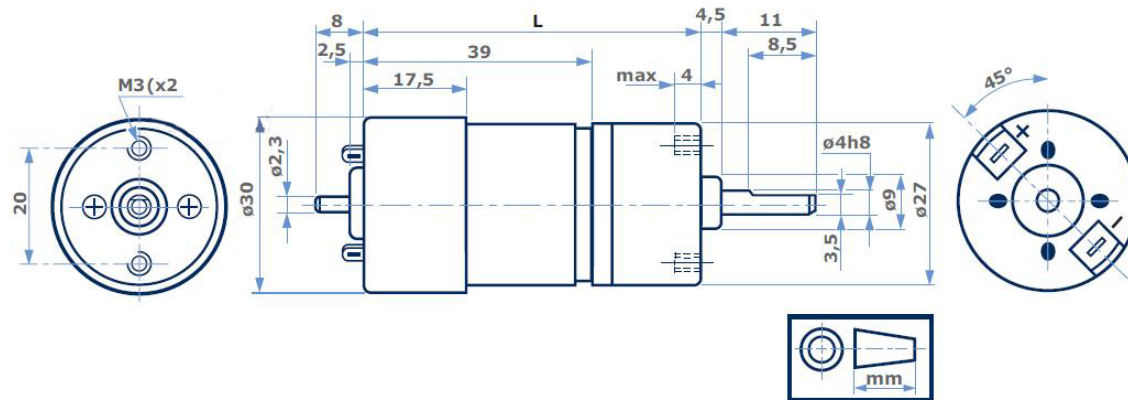
## HL149 Series



### General Specifications

Partnumber	Voltage (V)	Reduction (:1)	Length (mm)	Diameter (mm)	Nominal torque (mNm)	Speed at nominal torque	Current (A)
<b>HL149-12-10</b>	12	10	56,5	30,0	40	220	0,21
<b>HL149-24-10</b>	24	10	56,5	30,0	40	220	0,12
<b>HL149-12-21</b>	12	20,8	56,5	30,0	75	115	0,20
<b>HL149-24-21</b>	24	20,8	56,5	30,0	75	115	0,115
<b>HL149-12-43</b>	12	43,3	61,5	30,0	150	55	0,21
<b>HL149-24-43</b>	24	43,3	61,5	30,0	150	55	0,12
<b>HL149-12-90</b>	12	90,3	61,5	30,0	150	30	0,15
<b>HL149-24-90</b>	24	90,3	61,5	30,0	150	30	0,085

## Mechanical Dimensions



The resistance can be chosen with respect to the required torque and supplied voltage

- VDR interference suppression on the collector
- Direction of rotation depending on polarity
- Can be mounted in any position
- Maximum radial shaft load: 10N
- Maximum axial shaft load: 5N
- Temperature range: -20°C/60°C
- Approx weight: 100g