

DGT LG25 Gear Motor

Compact 20 Nm gear motor for small vents and screens

The LG25 is the smallest-capacity vent and screen drive described here, rated at 20 Nm with a net weight of 4.5 kg. It is designed for orangeries, small glasshouses and any structure where installation space around the vent is limited.

A helical first stage feeds a self-locking worm gear, giving quiet, low-vibration running and holding the vent or screen in place if the supply fails. The integral mechanical limit switch returns the output shaft to the same stop positions each cycle and is supplied for 15, 20 or 50 rotations.

The manufacturer rates a single unit to move up to 10 m of polycarbonate vent or 7 m of glass on a 1 x 230 V supply. The sealed gearbox needs no routine servicing, a drill coupling and console are included, and an MR906 motor relay can be added for manual operation.

Key capabilities

- 20 Nm torque output at 2.0 RPM on a 1 x 230 V supply
- Manufacturer-rated for up to 10 m of polycarbonate vent or 7 m of glass
- Compact, 4.5 kg unit for small greenhouses and orangeries
- Helical stage plus self-locking worm gear for quiet running
- Vent or screen held in position when power is lost
- Built-in mechanical limit switch, simple to set
- Available for 15, 20 or 50 rotations between end positions
- Closed gearbox, no routine maintenance
- Drill coupling for 1 inch pipe and console included
- Motor relay MR906 available for manual operation

Technical specifications

Torque output	20 Nm
Output speed	2.0 RPM
Max. rotations between limit switches	15 or 50 (0-15, 0-20 and 0-50 ranges offered)
Supply voltage	1 x 230 V, 50 Hz
Current	0.2 A
Power	20 W
Max. window run (manufacturer figure)	10 m polycarbonate / 7 m glass
Net weight	4.5 kg
Dimensions (L x W x H)	250 / 280 x 194 x 134 / 164 mm
Surface temperature	65 °C under normal operating conditions
Standard coupling	Drill coupling for 1 inch inner pipe (profile coupling optional)

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Sitotech Irrigation Ltd is the main UK distributor for DGT by Senmatic. We specify, install, commission and support every system we supply, and design it into the wider irrigation and climate setup on your site. For sizing, integration or a site visit, call Simon on 07881 271 117 or email simon@sitotech.uk.