HMD

Entrance control/Drives

The HMD (Heras motor drive) has been developed as a low-noise and efficient drive for sliding gates. Produced in-house by Heras, the drive is available in three versions:

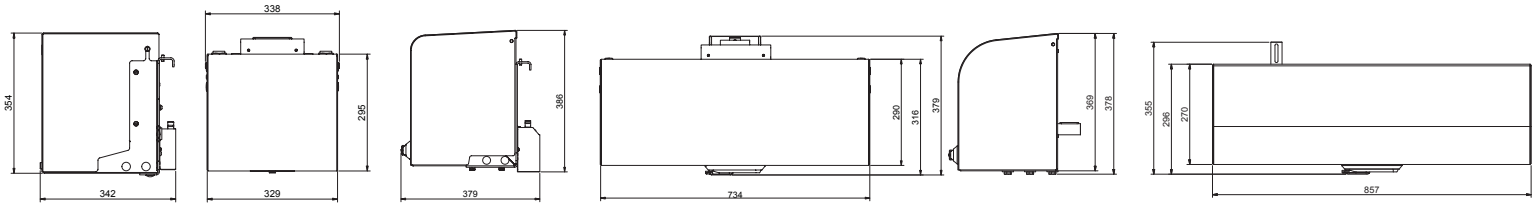
- The HMD Basic with a maximum open/close speed of 0.20 m/sec is recommended if the gate is opened less than 20x per day
- The HMD Standard with a maximum open/close speed of 0.25 m/sec. is recommended if the gate is opened more than 20x per day
- The HMD Advanced with a maximum open/close speed of 0.50 m/sec is recommended if the gate is opened more than 20x per day, and where extra security levels require a faster gate drive and shorter waiting time

The controller has a clear user display for status indicators and maintenance messages, plus a rotary switch for easy programming.

All three HMD drives have a system log and soft stop/start. They can optionally be equipped with a receiver and hand transmitter(s), emergency stop, and flashlight/lamp control. In addition, the HMD Standard/Advanced versions can be equipped with traffic/surrounding lights, week/year timer and automatic disconnect.

- **Reliable and safe drive**
- **Low-noise during operation**
- **Energy efficient**
- **Integrated software is easily adjusted**
- **Robust and lockable aluminium housing**
- **Multi-lingual interface**

Drawings (dimensions in mm)



HMD Basic | HMD Standard/Advanced | HGD Standard/Advanced

Technical specifications

	HMD Basic	HMD / HGD Standard	HMD / HGD Advanced
Maximum speed	0.20 m/s	0.25 m/s	0.50 m/s
Open cycles (average per day)	<20	>20	>20
Power supply	230 VAC	230 VAC	230 VAC
Motor power	0.26 kW	0.37 kW	0.37 kW
Motor torque	65 Nm	80 Nm	80 Nm
Inputs (digitally controlled)	8x	8x	8x
Outputs (potential-free switching)	3x	5x	5x
Soft stop/start	✓	✓	✓
System log	✓ (no time stamp)	✓	✓
Flashlight/lamp connection (optional)	✓	✓	✓
Emergency stop (optional)	✓	✓	✓
Week/Year timer (optional)		✓	✓
Traffic/surround light connection (optional)		✓	✓
Automatic disconnect (optional)		✓	✓
Compatible Heras sliding gates	Delta (HMD)	Delta (HMD) uGate (HGD)	Delta (HMD) uGate (HGD)
Housing colour (other colours available)	Uncoated	RAL 9006	RAL 9006
Housing with lock		✓	✓
Material	Aluminium housing, steel drive, plastic gear wheel		
Operating temperature	-20 to +55°C		

Certificates*

- Certificates (CE)
- Declaration of Performance (DoP)
  - Construction Products Regulation (CPR) (305/2011)
  - EN 13241
  - EN 12424
- Declaration of Conformity (DoC)
  - Directives machines (2006/42/EC)
  - EN 13241
  - EMC Directive (2014/30/EU)
- TÜV Nord (Control unit only)

*When HMD is used in combination with Heras sliding gates.

Ordering information

Contact your local Heras office for precise ordering details.

Suggested accessories / products

- Access control system
- Heras sliding gates

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