



BARRIER

Rapid Barrier for Parking Entrances/Exits

Hydraulic Barrier for heavy traffic control. Suitable for vehicular access, available both in right and left version. Having 100% duty cycle, grants constant performance even in harsh working conditions.

The electro-hydraulic motor ensures ideal motion transmission with near silence thanks to friction reduction. Barriers are designed to minimise damage occurred when manually forced; hydraulic circuit integrity and full functionality can be recovered by a simple & fast replacement of components.

Parking
Technology

HUB



base model

- Strong supporting case RAL 7021
- Lockable service door RAL 9003
- Finishes: treated with Epoxy Zinc Primer 60-100 microns, then powder coated.
- Hydraulic Drive unit working with 2 opposed plunging pistons
- Control unit 624 BLD-230 VAC with 2 digit display



options

- Right or left hand versions
- Rectangular beams (range of)
- Round S beam (range of)
- LED lights on round beam S
- Foundation frame

performance

- Maximum Beam Length:
- Standard round version: 3,3 m. Net passage of 3 m.
- Standard rectangular version: 3,815 m. Net passage of 3,5 m.
- Pivoting round version: 3,3 m. Net passage of 3 m.
- Articulated version: 3,315 m. Net passage of 3 m.
- Opening / closing time: 2 s for 3 m beam at 90°
- Duty cycle: 100% frequency use (continuous duty)
- Average threshold with no major maintenance: 2 million cycles

standard features

- Motor: 230 VAC single-phase motor, immersed in oil bath
- Power supply: 230 VAC (-10% + 6%), 50/60 Hz
- Rotation speed: 1.400 Rpm or 2.800 Rpm
- Torque max: 0-150 Nm for 1,5 l/min pump, 0-140 Nm for 2 l/min pump
- Thermal protection: 120°C
- Hydraulic pump: Flow rate: 1,5 l/min (max) or 2 l/min (max)
- Plunging pistons: 2 opposed hydraulic pistons
- Control Unit: Model 624BLD integrated 230 VAC controller with 2 digit display, 8 digital inputs, 4 programmable digital outputs (one equipped with a relay)
- Power supply 230 VAC (-10% + 6%), 50/60 Hz
- Output relay: 1 normally open contact (isolated)
- Most I/O parameters are adjustable
- Most performances are adjustable: deceleration, torque, times.

Peripheral Dimensions (WxDxH)

- 350mm x 170mm x 1080mm
- Weight: 62 kg

Power Consumption

- Max Power consumption: 220 W
- Absorbed current: 1 A (@ 230 VAC)

Ambient Temperature range:

- Standard: -20°C + 55°C -4 F to +131
- Protection Class: IP44