



Technical Data Sheet



Design:	Blocking bollards in compact design with drive unit and control unit in separate cabinet. Available as single, double and triple unit.
Blocking Element Cylindrical:	Diameter: 275 mm, blocking height 600 mm above ground level
Blocking Element Material:	SAE 1020 (ST44/2) Thickness: 50 mm – with multi-level zinc based plastic coating.
Operating Time:	Raising: approx. 5 seconds -Lowering: approx. 3 seconds (for single system)
Impact Load:	1700 kJ (15.000lbs at a speed of 50 mph) certified according to K12 DOS/DOD SD-STD-02.01
Power:	4.0 kW, 230/400 V; 3~ 50Hz
Hydraulic Fluid:	Biodegradable hydraulic oil Plantohyd 22 S-NWG, water protection class 1 or mineral oil HLP 22
Control:	Control board in separate control cabinet for outdoor installation; control board in separate control box for wall mounting inside a building (optional), raising in deadman function, control voltage 24 V
Emergency Operation:	The bollards remain in the raised position in case of power failure and can be lowered manually by operating the ball cock on the solenoid valve in the steering cabinet. Optional: bollards lower automatically upon power failure Optional: hand pump for manual raising
Lighting (Optional):	Bollard top lighting red or yellow, i.e. LED lighting on top plate (UFO-shape)
Weight:	Bollard approx. 780 kg
Colour:	Standard: blocking element: RAL 6005, 7030, 7016 or 9010 drive housing: hot-dip galvanised, cover plate of underground casing and stand pipe: RAL 7016 (optional stainless steel) Optional: RAL colours or DB colour tones