

system of lights



BULL - BULL

HYDRAULIC FIXED

NEW RISING BOLLARD FOR TRANSIT AND PARKING AREAS CONTROL AND THE PROTECTION OF PUBLIC ACCESSSES.

SEA TOTAL QUALITY: With hydraulic movement realised in the SEA establishments. Long lasting silence and reliability.

- Compact version with on board hydraulic unit for a simple installation.
- Easy release system with customized key.
- With illumination and sonorous systems.
- External control unit (SEA recommends GATE 1 or GATE 2) for FIXED BULL.
- Foundation form out of plastic material (1 m) on request.
- 5 mm thickness. Also available with INOX steel cylinder.



HYDRAULIC UNIT

Hydraulic pump capacity	4 lt/min
Medium operating pressure	2.2 MPA (22 bar)
Maximum pressure adjustment	4.5 MPA (45 bar)
Operation temperature	-20°C + 55° C
Hydraulic oil	SEA
Protection class	IP55

ELECTRIC MOTOR

FRQU. OF USE

Power Supply	230V - 50 Hz	30%
Motor Current	1.65 A	30%
Motor Power	330 W	30%
Capacitor	12.5 mF	30%
Rotation speed	2800 rpm	30%

CODE

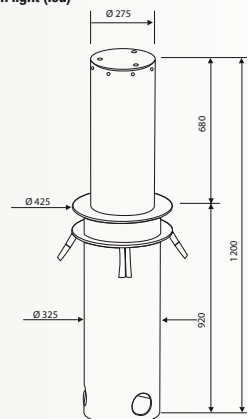
NAME

12500005	BULL Hydraulic complete with lights
12710360	Foundation plate with rag bolts *
12710350	Vehicle manhole cover (550x550 mm)
12710375	Foundation form (1m)
66201286	Supplement RAL (grey anthracite)
12500006	Hydraulic BULL INOX with lights and cylindrical box
12500010	Fixed BULL 680x275mm with supporting base
23105151	Traffic light with 2 lights red-green

*Obliged accessories

HYDRAULIC PISTON

Exit time of the rod	6 sec.
Useable rod run	720 mm
Rod diameter	16 mm
Piston diameter	30 mm
Max traction force during rod exit	275 kg
Max traction force during rod re-enter	147 kg
Power supply obstruction light (led)	24V



BULL PACKAGE

N.1 BULL operator complete with hydraulic unit, piston, light kit, acoustic signalisation and 10m connected cables

MOUNTING ACCESSORIES

- Release key
- Mounting instructions
- General notice