
Technical Data Sheet



Design:	Surface mounted road blocker consisting of blocking element, base frame, approach ramps and side ramps complete with hydraulic power unit and control unit in separate drive cabinet
Kinetic Impact Energy:	1852 kJ (7.5 t @ 80 km/h)
Certification:	Crash test certified according to PAS 68:2005 V/7500[N2]/80/90:8.5/0.0
Blocking Width:	2000 mm
Blocking Height:	1000 mm
Base Frame:	L x W x H: (blocking width + 206) x 2510 x 230 mm
Emergency Operation During Power Failure:	Road blocker can be raised manually via hand pump and lowered via manual activation of solenoid valve "lower" and hand pump
Operating Times:	Raising and lowering: approx. 6 sec (standard) Emergency fast operation (EFO): approx. 1.5 sec with charged accumulator (optional)
Axle Load:	30 tonnes
Drive:	5.5 kW, 380 – 415 V, three-phase, 50 Hz
Drive Cabinet:	H x W x D: 1295 x 935 x 660 mm
Hydraulic Hoses:	10 m hose length (standard), 20 m hose length (optional)
Hydraulic Fluid:	Mineral oil (standard) or biodegradable oil (optional)
Control Unit:	PLC control unit in control box installed in drive cabinet, control voltage 24 V DC
Supply Voltage:	380 – 415 V (3Ph + N + PE), 50 Hz
Control Box:	H x W x D: 400 x 300 x 200 mm, IP 65
Safety Skirt (Optional):	Concertina type skirt manufactured from heavy duty woven polypropylene fabric, colour black with yellow vertical stripes
Options:	Concrete filled side barges / defence wall sections for temporary installation of the road blocker Hydraulic power unit and control unit installed in defence wall section

Technical Data Sheet

Colour Finish:	Blocking element, base frame, approach ramps and side ramps: RAL 9005 jet black, RAL 7004 signal grey or RAL 3001 signal red Chevrons on front face and cover plate of blocking element: RAL 1007 daffodil yellow or RAL 9002 signal white Drive cabinet: RAL 9005 jet black, RAL 7004 signal grey or RAL 1007 daffodil yellow
Temperature Range:	-10°C ... +60°C -20°C ... +60°C with optional extreme cold environment pack