Electro-mechanical Tyre Killer SHARK
Perimeter Protection Germany GmbH

Technical Data Sheet

Design: Tyre Killer consisting of coupled blocking modules and drive module with drive housing, drive column, electro-mechanical drive and control unit

Blocking Width: 2.0 m to 6.0 m in 0.5 m increments

Spike Axle: Axle with spikes positioned at 100 mm centre distance

Blocking Height: 215 mm

Foundation Depth: 300 mm (for blocking and drive module) + 190 mm (for drainage pipes)

Underground Housing: 0.5 m blocking module L x W x H: 500 mm x 510 mm x 260 mm
1.0 m blocking module L x W x H: 1000 mm x 510 mm x 260 mm

Drive Housing: L x W x H: 500 mm x 510 mm x 260 mm

Drive Column: H x W x D: 1200 mm x 480 mm x 270 mm complete with door, key switch raise-stop-lower and swing handle

Configuration: Drive module installed on the left or right viewed from the outside

Locking: In end positions and mechanically in case of power failure

Emergency Operation during Power Failure: Manual lowering of spikes after disengagement of drive via release lever

Operating Times: Raising: < 1.0 sec, lowering: < 1.0 sec

Wheel Load: 100 kN according to SLW60 – DIN 1072

Drive: 0.37 kW, 400 V (three-phase), 50 Hz

Control Unit: Control unit WE-Tronic II with contactor board in control box, installed in drive column, control voltage 24 V

Supply Voltage: 400 V (3Ph + N + PE), 50 Hz

Control Box: H x W x D: 400 mm x 350 mm x 210 mm, IP 66

Weight: 1.0 m blocking module: approx. 130 kg
0.5 m blocking module: approx. 72 kg
Drive module: approx. 150 kg
## Technical Data Sheet

### Colour (Standard):
- **Spikes**: RAL 3000 flame red
- **Underground housing**: RAL 7035 light grey
- **Cover plates**: RAL 7035 light grey
- **Drive housing**: RAL 7035 light grey
- **Drive column**: RAL 7035 light grey

### Colour (Optional):
- **Spikes**: other RAL colours
- **Underground housing**: other RAL colours
- **Cover plates**: RAL 1007 daffodil yellow / RAL 9005 jet black or RAL 3000 flame red / RAL 9010 pure white diagonally striped or other RAL colours
- **Drive housing**: other RAL colours
- **Drive column**: other RAL colours

### Temperature Range:
- **Control unit**: -10 °C … + 50 °C
- **Drive unit**: -25 °C … + 65 °C