

TECHNICAL DATA



BARRIER LIFT SYSTEM K4

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| Design | Barrier Lift System with electro-hydraulic drive in separate drive cabinet, guide posts, anchor baskets, horizontal crash beam and ground frame for installation in roadway | |
| Impact Load | 612 kJ (6.8 t @ 48 km/h) Crash test certified according to DOS SD-STD-02.01 Rev. A 03/2003 K4/L3 | |
| Clear Width of Opening | 3.0 to 9.0m in 500mm increments (CWO) | |
| Blocking Height | 1100mm | |
| Crash Beam | Rectangular hollow section profile RHS 450x250 with cover plate | |
| Guide Posts | H x W x D: 1753mm x 1030mm x 450mm (height without hydraulic cylinder) | |
| Ground Frame | L x W x H: (CWO - 6mm) x 820mm x 310mm (width without anchors, height without 150mm high drainage sleeves) Total width approx. 953mm | |
| Anchor Baskets | H x W x D: 580mm x 860mm x 460mm | |
| Drive Cabinet | H x W x D: 1400mm x 1200mm x 400mm incl. 200mm high base (standard/RO1) | |
| Emergency Operation | Via hand pump (standard) Accumulator incl. rechargeable batteries for one movement (RO1) (optional) | |
| Operating Speed | Raising: approx. | 0.17 m/sec |
| | Lowering: approx. | 0.20m/sec |
| Wheel Load | 100kN according to SLW60 – DIN 1072 | |
| Drive | 4.0kW, 400 / 230 V (three-phase), 50Hz | |
| Control Unit | PLC in control box installed in drive cabinet (standard), PLC in separate control box for wall mounting inside a building (optional), control voltage 24V | |
| Weight | Approx. | 500 – 1370 Kg (Crash Beam) |
| | Approx. | 1500 Kg (Guide Posts And Anchor Baskets) |
| | Approx. | 300 – 820 Kg (Ground Frame) |
| | Approx. | 280 – 400 Kg (Drive Cabinet) |
| Colour (Standard) | Crash Beam | Ral 9010 Pure White |
| | Cover Plate Crash Beam | Ral 9010 Pure White |
| | Guide Posts | Ral 9010 Pure White |
| | Ground Frame | Ral 9010 Pure White |
| | Anchor Baskets | Galvanised Finish |
| | Drive Cabinet | Ral 7035 Light Grey |
| Colour (Optional) | Crash beam | Striped RAL 3000 flame red / RAL 9010 pure white |
| | Cover plate crash beam other | RAL 3000 flame red or other RAL colours or DB colours |
| | Guide posts | RAL colours or DB colours |
| | Ground frame | other RAL colours or DB colours |
| Temperature Range | -20°C – 60°C | |

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