
Tender Description

Road Blocker K12

Blocking width up to 4.0 m

BLOCKING ELEMENT:

Blocking width: from 2000 - 4000 mm in 500 mm increments

Blocking height: 1000 mm above finished floor level (FFL)

UNDERGROUND HOUSING ASSEMBLY UNIT:

Length: Blocking width + 290 mm

Width: 1500 mm incl. transportation eyes

Depth: 1100 mm

KINETIC IMPACT ENERGY:

1852 kJ (7500 kg @ 80 km/h)

CERTIFICATION:

Crash test certified according to PAS 68 V/7500[N3]/80/90:0.0/18.0

and DOS SD-STD-02.01 Rev. A 03/2003

WHEEL LOAD:

100 kN wheel load according to SLW60 - DIN 1072

WEIGHT:

Depending on blocking width approx. 1930 – 3670 kg (road blocker)

Depending on fitting of optional accumulator approx. 280 – 400 kg (drive cabinet)

OPERATING TIMES:

Raising of blocking element approx. 5 sec

Lowering of blocking element approx. 4 sec

Emergency Fast Operation (EFO): raising approx. 2 sec (with optional accumulator)

DRIVE CABINET:

Drive cabinet HxWxD=1400x1200x400 incl. 200 mm high base for indoor installation complete with corrosion protected hydraulic aggregate, PLC control unit Easy in control box, heating 500 W, thermostat, air grille, air grille with fan and LED-lighting.

Optional: outdoor version incl. hygostat, rain cover, hose-proof hoods and outdoor coating

LOCKING MECHANISM FOR DRIVE CABINET:

3-point locking system with double-bit insert

Optional: Folding lever handle with profile cylinder

TAMPERING RESISTANCE FOR DRIVE CABINET (OPTIONAL):

Door contact switch

Tender Description

HYDRAULIC DRIVE UNIT:

Hydraulic aggregate with motor 4.0 kW, 400/690 V, three-phase, 50 Hz, pump, manifold, 2/2 directional seated valves, pressure limit valve, pressure switch, return valve, temperature and oil level sensor, hand pump and ball cock valve or drain valve
Length of hydraulic hoses: max. 25 m

EMERGENCY OPERATION DURING POWER FAILURE:

Manual raising via hand pump, manual lowering via ball cock valve or drain valve
Optional: Accumulator and battery pack for three remote operations/movement cycles (RO3) during power failure

HYDRAULIC FLUID:

Biodegradable hydraulic fluid PlantoHyd 22 S, non-hazardous to water, or mineral oil HLP 22

CONTROL UNIT:

Microprocessor control unit WE-Tronic II in control box, installed in drive cabinet, control voltage 24 V DC

Optional: With rechargeable battery pack for RO3-function

Optional: socket SCHUKO type F, plug CEE 7/3 mounted on a top-hat rail inside the control box

SAFETY EQUIPMENT:

Blocking element with two warning lights, red
Function: Flashing light during drive unit operation
Permanent light in raised position

CONTROL DEVICES (OPTIONAL):

- Push button "raise/stop/lower" or key switch "raise/stop/lower"
- Key switch "fire brigade"
- Key switch "automatic closing on/off"
- Anti-terror push button (for EFO/EO)
- Light beam system
- Remote control receiver, 4-channel including rod antenna
- 2-channel or 4-channel hand-held transmitter
- 1-channel or 2-channel loop detector
- LED-strip lighting, red
- Traffic light red/green, D200
- Flashing permanent beacon or revolving beacon
- Alarm horn for outdoor control cabinet

STATUS INDICATION (OPTIONAL):

Potential-free contacts "Road Blocker lowered/raised"

Tender Description

COLOUR OF COATING:

Blocking element front cover and top plate:	RAL 7030 stone grey
Blocking element front cover and top plate:	RAL 3000/9010 (red/white) V-striped (Optional)
Blocking element front cover and top plate:	RAL 9005/1007 (black/yellow) V-striped (Optional)
Underground housing:	RAL 7030 stone grey
Drive cabinet:	RAL 7035 light grey

INSTALLATION UNIT:

The road blocker K12 is delivered as a ready to install unit. The electro-hydraulic drive unit is installed in a separate drive cabinet and factory-adjusted.

FOUNDATION:

Reinforced foundation according to manufacturer's instructions

MANUFACTURER:

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