
Tender Description

Road Blocker K12

Blocking width up to 4.0 m

BLOCKING ELEMENT:

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

Blocking height: 1000 mm above road way top edge

UNDERGROUND HOUSING ASSEMBLY UNIT:

Length: Blocking width + 290 mm

Width: 1500 mm incl. transportation eyes

Depth: 1100 mm

IMPACT LOAD/KINETIC ENERGY:

1852 kJ

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)

NORMAL OPERATING TIMES:

Raising of blocking element approx. 5 sec to 1000 mm above
road way

Lowering of blocking element approx. 4 sec to road way
level

DRIVE CABINET:

Drive cabinet HxWxD=1400x1200x400 incl. 200 mm high
base for indoor installation complete with corrosion protected
hydraulic aggregate, PLC Easy in control box, heating 500 W,
thermostat, air grille, air grille with fan and LED-system light.
Optional: outdoor version incl. hygostat, rain cover and outdoor
coating

Optional: drive cabinet HxWxD=1800x1200x500 incl. 200 mm high
base in connection with RO3 option for EU and EFTA countries

LOCKING MECHANISM FOR DRIVE CABINET:

3-point locking system with double-bit insert

Optional: Folding lever handle with profile cylinder

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HYDRAULIC DRIVE UNIT:

Hydraulic aggregate with motor 4.0 kW, pump, magnetic valves, hand pump and ball cock valve
Length of hydraulic hoses: max. 25 m

EMERGENCY FAST OPERATION (EFO) (Optional):

Raising time approx. 2 sec via accumulator

EMERGENCY OPERATION DURING POWER FAILURE:

Manual raising via hand pump
Manual lowering via ball cock valve
Optional: Accumulator and battery pack for three remote operations (RO3) during power failure

HYDRAULIC FLUID:

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

CONTROL:

PLC type Easy in control box, installed in drive cabinet, control voltage 24 V
Optional: PLC type Easy in separate control box for wall mounting inside a building
Optional: socket SCHUKO type F, plug CEE 7/3 mounted on a top-hat rail inside the control box

SAFETY EQUIPMENT:

Blocking element with 2 nos. 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"
- anti-terror push button (for emergency raising or EFO)
- light beam system
- remote control receiver
- antenna for remote control receiver
- hand-held transmitter
- additional push button or key switch
- double loop detector
- key switch "automatic on/off"
- traffic light red/green, D200
- door contact switch for drive cabinet

Tender Description

STATUS INDICATION (OPTIONAL):

Potential-free contacts "Road Blocker lowered/raised"

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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