

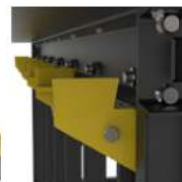
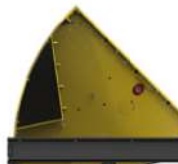
# HRB ROAD BLOCKER

## (Anti-terror / Heavy Duty Model)



**ASTM F2656  
M50 (K-12)**  
HRB30R90

**PAS 68 (N3)  
IWA 14 (N3C)  
ASTM F2656 (C750)**  
HRB30R110



<b>Power</b>	Standard 380V AC 3-Phase 50/60 Hz, 2,2 - 11 kW motor (varies depending on blocker size). Operating with 24V DC in case of power failure is optionally available.
<b>Control Pack</b>	24V DC powered PLC control unit is placed in power unit cabinet. 24V DC (opt.12V DC / 220V AC) solenoids.
<b>Speed</b>	Standard operation ~3 - 5 sec. (ascend/descend) depending on road blocker dimensions. Fast raise up (EFO, by optional hydraulic accumulator) ~1 - 1,5 sec. and may differ depending on road blocker dimensions for road blockers wider than 4,0 m.
<b>IP Rating</b>	IP55 - Hydraulic Power Unit (optionally electronics control unit with IP67 protection box) IP68 - Hydraulic Piston
<b>Operating Temperature</b>	-5°C / +55°C (opt. -30°C / +70°C)
<b>Crash / Impact Rating</b>	Crash tested and certified according to IWA 14-1:2013 Road Blocker V/7200[N3C]/80, PAS68:2013 Road Blocker V/7500[N3]/80, and ASTM F2656-20 C750/7200 standards ( <b>HRB 30 R 110</b> ).

Crash tested and certified according to ASTM F2656-07 at M50 P1 (K-12) level (**HRB 30 R 90**) also designed and produced to withstand impacts mentioned below:

Standard	Vehicle Type	Weight	Speed
PAS 68	N3	7500 kg	80 km/h (50 mph)
IWA 14-1	N3C	7200 kg	80 km/h (50 mph)

(Please contact for applicable product dimensions)

Product Code	Blocker Unit Width (X)	Nr. of Pistons	Raising Height 900 mm	Raising Height 1100 mm
			Dimensions (LxWxD)	Dimensions (LxWxD)
HRB 10R__	1000	1	1665 x 1170 x 1270	1945 x 1170 x 1450
HRB 15R__	1500	1	1665 x 1670 x 1270	1945 x 1670 x 1450
HRB 20R__	2000	1	1665 x 2170 x 1270	1945 x 2170 x 1450
HRB 25R__	2500	1	1665 x 2670 x 1270	1945 x 2670 x 1450
HRB 30R__	3000	1	1665 x 3170 x 1270	1945 x 3170 x 1450
HRB 35R__	3500	1	1665 x 3670 x 1270	1945 x 3670 x 1450
HRB 35R__	3500	2	1665 x 3670 x 1270	1945 x 3670 x 1450
HRB 40R__	4000	1	1665 x 4170 x 1270	1945 x 4170 x 1450
HRB 40R__	4000	2	1665 x 4170 x 1270	1945 x 4170 x 1450
HRB 45R__	4500	2	1665 x 4670 x 1270	1945 x 4670 x 1450
HRB 50R__	5000	2	1665 x 5170 x 1270	1945 x 5170 x 1450
HRB 55R__	5500	2	1665 x 5670 x 1270	1945 x 5670 x 1450
HRB 60R__	6000	2	1665 x 6170 x 1270	1945 x 6170 x 1450

\* Different raising heights are optionally available.

<b>Axle Load Resistance</b>	50 t
<b>Hydraulic Cylinder Unit</b>	Dust sealed hydraulic cylinder, developed for heavy duty use. 1 - 4 m wide models contain single piston (opt. 3,5 and 4 m wide models contain double pistons), 4,5 - 6,0 m wide models contain double pistons. Contains safety valve for hose bursts.