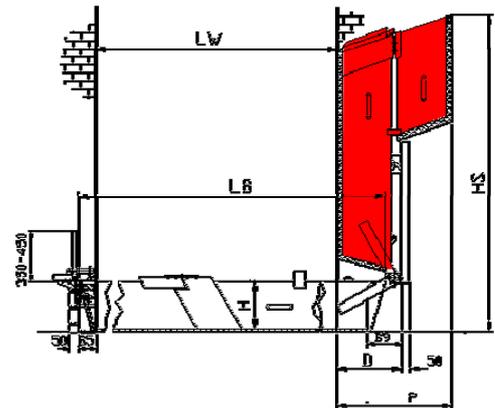


## 2.2 Retention barrier type BL/BED-KB

Article root number: 032

**Barrier – raising capability on one side**  
**Folding capability**  
**Modular system "D"**

Dimensions:		
Standard height		100 to 300 mm
Special situations	up to	750 mm
Standard length	up to	6000 mm
Special situations	up to	8000 mm
Width		50 mm



### 2.2.1 Description

Suitable for crack-free surfaces with up to 20 mm ( $\pm 20$  mm) of floor/ground unevenness, e.g. concrete, corrugated sheet metal, tiles, stones, etc.

A special barrier for low room heights.

The Retention Barrier is comprised of two trapezoidal, integral hollow aluminium profiled sections. A compressible, highly adaptable special seal is affixed on their lower side and end faces.

The rotating mount and the tensioning device are securely mounted next to the opening to be secured and then sealed. The closure body is firmly bolted into the hinge. In the resting position, it stands vertically and is protected in accordance with accident prevention measures against being folded down

unintentionally. When being used, the securing device is unlocked, the Retention Barrier is folded down manually, the "rider" is manually folded into the locking position, and the barrier is inserted into the tensioning device on the opposite side and locked into place. The contact pressure of the tensioning device is adjustable.

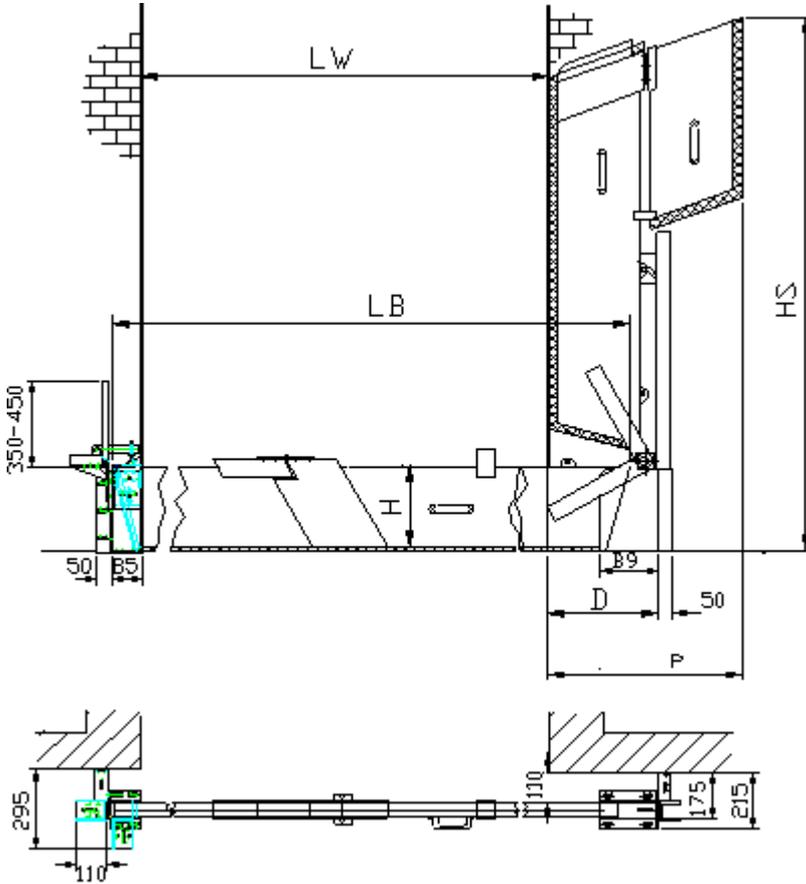
With certain lengths and heights, the closure barrier is counterbalanced with weights in the factory. Gas-charged springs are standard. Operation by means of a manual winch is recommended for very large barriers.

Barrier bodies and mounting fixtures are furnished with a red paint finish, preferably "traffic red" RAL 3020. The remaining metal components are galvanized or made of aluminium.

### Features:

- Ease of use and variable
- Design-tested (LGA, Trade Supervision Department - Bavaria, Germany)
- Quality-monitored (Ing.-Büro Blobel, Friedberg, Germany)
- Field-tested

2.2.2 Drawing



**BL / BED-KB (Barrier - raising capability on one side - folding capability)**

Table of dimensions for specified dimension LB

LB = barrier length    LW = clearance width    Z<sub>ED</sub> = ad measurement    LB = LW + Z<sub>ED</sub>

Minimum room height: HS = according to design specifications and separation points

W<sub>5,9</sub> = 105mm for all retention heights

Retention Height H [mm]	B5	P [mm]	Z <sub>ED</sub> [mm]	Retention Height H [mm]	B5	P [mm]	Z <sub>ED</sub> [mm]
100	120	340	195	450	170	1040	595
150	120	440	245	500	185	1140	655
200	120	540	295	550	195	1240	720
250	120	640	355	600	210	1340	785
300	130	740	405	650	225	1440	845
350	150	840	465	700	240	1540	910
400	155	940	530	750	250	1640	975

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