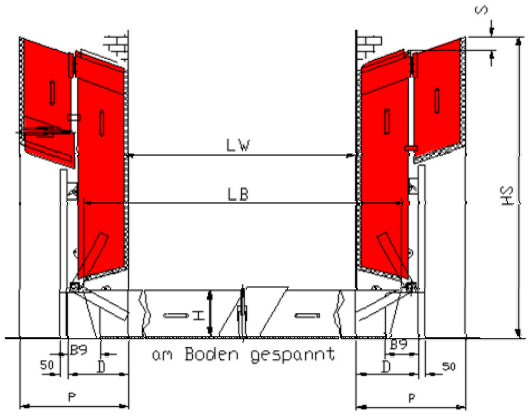
2.4 Retention barrier type BL/BDD-KB

Article root number: 033

Barrier – raising capability on two sides
Folding capability

Dimensions:		
Standard height		100 to 300 mm
Special situations	up to	750 mm
Standard length	up to	10000 mm
Special situations	up to	20000 mm
Width		50 mm



2.4.1 Description

Suitable for crack-free surfaces with up to 20 mm (± 10 mm) of floor/ground unevenness, e.g. concrete, corrugated sheet metal, tiles, stones, etc.

A special barrier for large distances.

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

Both swivelling devices are securely mounted and sealed to the floor/ground and wall next to the opening to be secured. The barrier bodies are securely bolted into the hinges. These sections stand vertically in the resting position and are secured in this position in conformity with accident prevention measures to avoid unintentional release. When being deployed, the barrier section without the tensioning device is first unlocked and lowered into the closing position and the "rider" section folded out into the locking position. The opposing barrier section with the attached tensioning devices is then employed in the same manner and all elements tensioned against each other and against the floor/ground surface.

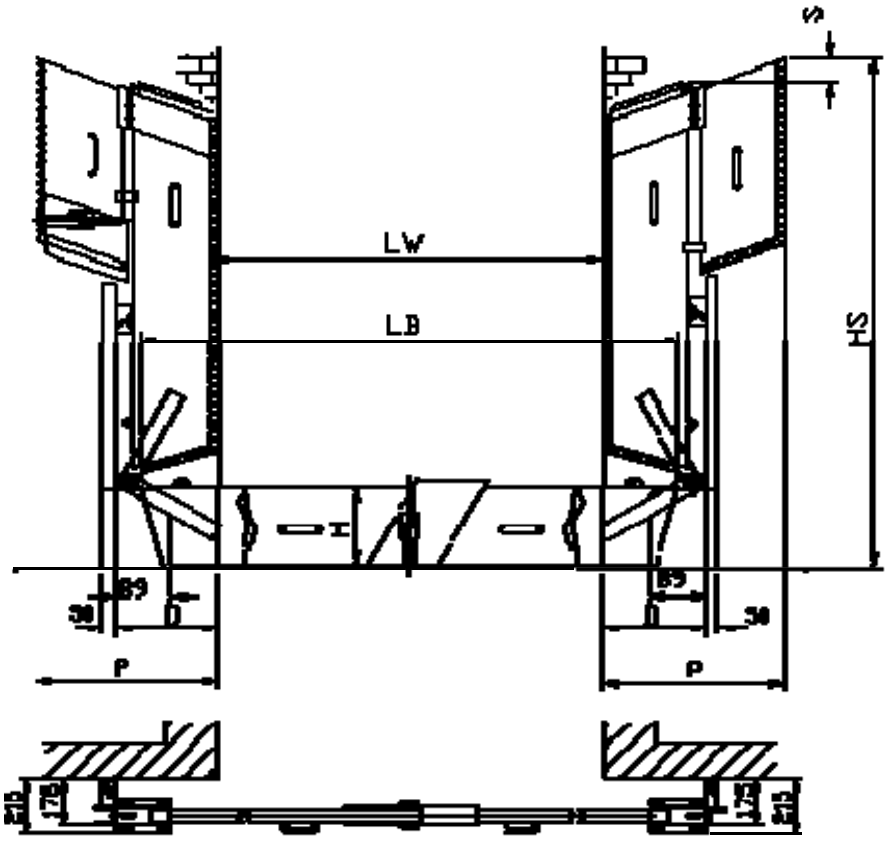
With certain lengths and heights, both closure barriers are counterbalanced with weights in the factory. Gas-charged springs are standard. Operation by means of a manual winch is recommended for very large barriers.

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**
- **Manufactured according to LGA Test Guideline 3/93**
- **Quality-monitored (Ing.-Büro Blobel, Friedberg, Germany)**
- **Field-tested**

2.4.2 Drawing



BL / BDD-KB (Barrier - two-sided raising capability - folding capability)
Table of dimensions for specified dimension LB
LB = barrier length LW = clearance width Z = ad measurement LB = L W + Z_{DD}
Minimum room height: HS = LBX + H + S + 100mm W_9 = 105mm for all retention heights

Retention height H [mm]	P [mm]	Z_{DD} [mm]	Retention height H [mm]	P [mm]	Z_{DD} [mm]
100	340	210	450	1040	910
150	440	310	500	1140	1010
200	540	410	550	1240	1110
250	640	510	600	1340	1210
300	740	610	650	1440	1310
350	840	710	700	1540	1410
400	940	810	750	1640	1510

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