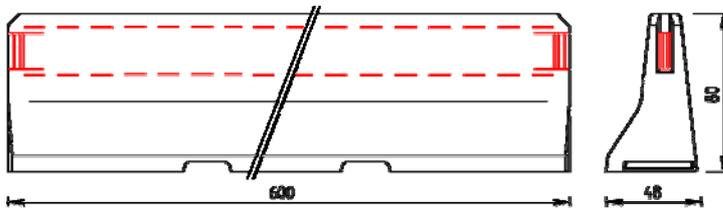


high safety – low strain on bridges

T1 T2 T3 N1 N2 H1 **H2** H3 H4a H4b

In addition to the DB 100AS-R, DELTA BLOC® offers another bridge system, which was developed to suit the requirements of H2 bridge systems. The DB 80AS-R is used for both new bridge constructions and for refurbishment of existing bridges.

- ▶ high restraint safety H2
- ▶ small working width W4
- ▶ proved edge beam load reduction by approx. $\frac{2}{3}$ in case of impact
- ▶ dilatation sets for expansion-joints up to 90cm
- ▶ low maintenance costs



Technical specifications	
concrete quality	frost- and dew salt-resistant (depending on national requirements)
coupling	patented coupling system, hot dip galvanized
tension bar	patented steel tension bar, hot dip galvanized force-fit at bridge expansion joints
special length	3m
accessories	approved reflectors, sign posts, accessories for noise barriers and glare shields
curve radii	3m elements: $r \geq 60m^*$ 6m elements: $r \geq 120m^*$ 6m elements: $r \geq 350m$ * with chambered stiffening plates
misc.	position fixing of the elements by one M16 anchor each 6m

Test results acc. to EN 1317-2	
type	DB 80AS-R
element length	6m
containment level	H2
ASI	B
coupling	K180
installation method	
system width	48cm
system height	80cm
working width	W4
max. movement	62cm
tested system length	78m (without terminal elements)
terminal anchoring	yes
connection with the bridge	stiffening plate: one bolt M16 each 6m elements: no connection
tested positive	yes

Key facts	coupling	weight	l / w / h
Standard element DB 80AS-R 6m	K180	3200kg	600 / 48 / 80cm
Standard element DB 80AS-R 3m	K180	1600kg	300 / 48 / 80cm
Dilatation set 8cm		detailed information on request	
Dilatation set 25cm		detailed information on request	
Dilatation set 90cm		detailed information on request	