

RECTANGULAR ASYMMETRIC BEND – BA

Description:

Rectangular bends have frames made of profiles and are additionally reinforced with transverse sheet corrugation. Rectangular elbows are used for changing the ductwork routing direction, while changing the duct cross-section in the same plane.

Characteristics:

Measurement: DIN 18379

Sheet type: galvanized

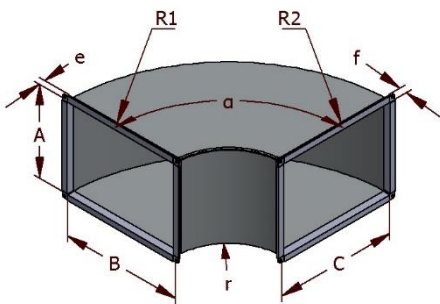
Connection method: seam lock, spot weld

Standard design: $e = 30 \text{ mm}$, $f = 30 \text{ mm}$, $r = 120 \text{ mm}$

Endings: P20, P20 LR, P30, P30 LR, bare end, outward bending

Leakproofness standard: Class A, Class B, Class C

Stiffeners: available in larger dimensions



Sample manufactured element dimensions:

| A (mm) | B (mm) | C (mm) | e (mm) | f (mm) | r (mm) | α | Area (m ²) |
|--------|--------|--------|--------|--------|--------|----------|------------------------|
| 200 | 200 | 300 | 30 | 30 | 120 | 90 | 1.00 |
| 300 | 400 | 500 | 30 | 30 | 120 | 90 | 1.65 |
| 400 | 400 | 500 | 30 | 30 | 120 | 90 | 1.86 |
| 400 | 600 | 900 | 30 | 30 | 120 | 90 | 4.32 |
| 600 | 600 | 900 | 30 | 30 | 120 | 90 | 4.98 |
| 700 | 700 | 900 | 30 | 30 | 120 | 90 | 5.32 |
| 800 | 800 | 900 | 30 | 30 | 120 | 90 | 5.65 |
| 1000 | 1000 | 1100 | 30 | 30 | 120 | 90 | 8.30 |
| 2000 | 2000 | 2200 | 30 | 30 | 120 | 90 | 31.10 |