

PDB

CIRCULAR ROOF FLASHING



Description:

PDB is a B-type circular roof flashing that allows ventilation systems to be routed through the roof plane.

Design

PD B-type roof flashings are fitted with circular flange, nipple or sleeve connections and are suitable for standardised diameters of circular ducts. The flange connections are initially pre-painted with anti-corrosive paint (applies to P = SO finish, for repainting after assembly). Upon request, the holes for screws in the roof flashing flanges can be made, according to the individual guidelines. B-type PD units are normally made of zinc-plated steel of average thickness of the zinc coating equal to 19 micrometres. Other external RAL colour-painted versions or a stainless steel custom version are available upon special request.

B3 roof flashings are made up to a diameter of $D \leq 500$ mm as standard. For larger diameters, B2 roof flashings with a transition pipe and PWR/PWII multi-blade damper are used.

Table 2. PDB roof flashing, m [kg].

ØD [mm]	B1 type	B2 type	B3 type
100	2.3	3.7	4.3
125	2.4	4.0	4.8
160	2.5	4.6	6.3
200	2.9	5.6	8.6
250	3.7	7.5	12.1
315	5.2	10.0	17.2
400	7.0	13.1	20.7
500	11.1	18.7	31.2
630	16.1	28.8	-
800	22.5	38.6	-
1000	32.5	52.6	-

For B2 and B3 types, the roof flashing (length $L = 1000$ mm) weight is given

Dimensions

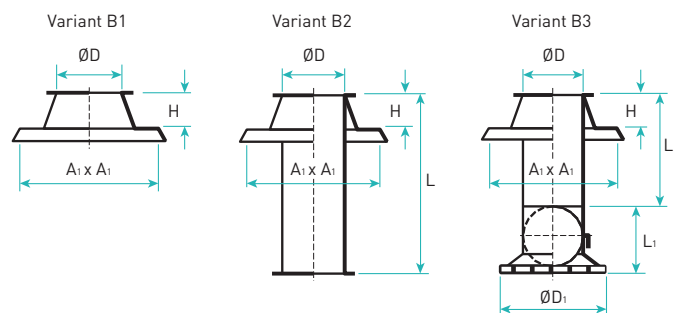


Figure 2. PDB roof flashing dimensions.

The standard dimensions of the roof flashing flanges are presented below. Flashings with different dimensions can be delivered upon request.

Table 3. PDB roof flashing dimensions.

ØD [mm]	A ₁ x A ₁ [mm]	H [mm]	L [mm]	ØD ₁ [mm]	L ₁ [mm]
100	350 x 350	60	1000	170	170
125	350 x 350	60		195	180
160	360 x 360	60		230	180
200	410 x 410	80		300	240
250	470 x 470	100		350	240
315	555 x 555	120		475	290
400	660 x 660	120		560	350
500	785 x 785	160		660	450
630	945 x 945	180		-	-
800	1160 x 1160	200		-	-
1000	1410 x 1410	250	-	-	



The PDB roof flashing constitutes a component of circular ventilation ducts.

SL

SO

SN

RAL



PDB – Circular roof flashing

When ordering, please provide information according to the following pattern:

For the standard flashing

PDB<T> - <D> x <L> - <Jg> - <Jd> - <P> <RAL>

For a customised flashing

PDB<T> - <D> x <L> - <Jg> - <Jd> - (<A1>) - <P> <RAL>

Where:

T	Manufacturing version
	<ul style="list-style-type: none"> 1 – Roof flashing 2 – Roof flashing with ventilation duct segment 3 – Roof flashing with ventilation duct segment and single-blade damper PJB (only for D ≤ 500mm)
D	Nominal diameter in mm
L	Ventilation duct section length in mm (applicable to variants 2 & 3)
Jg	Top connection type**
	<ul style="list-style-type: none"> PSK – Flange connection KTW – Angled flange connection (for diameters 355 ≤ D ≤ 1,000) NPL – Nipple connection (for diameters D ≤ 315 mm) MFA – Sleeve connection (for diameters D ≤ 315 mm)
Jd	Bottom connection type**
	<ul style="list-style-type: none"> PSK – Flange connection KTW – Angled flange connection (for diameters 355 ≤ D ≤ 1,000) NPL – Nipple connection (for diameters D ≤ 315 mm) MFA – Sleeve connection (for diameters D ≤ 315 mm)
A1	Flashing base width in mm
P	Finish*
	<ul style="list-style-type: none"> SL – Painted steel SO – Galvanised steel SN – Stainless steel, grade 1.4301 (304 acc. to AISI, 0H18N9 acc. to PN), – not possible for Jg = KTW; Jd = KTW
RAL	Colour as per RAL (for SL finish)

* Optional values – if not specified, default values will be used

** Top and bottom connections for NPL and MFA must be of the same type

Order example:

PDB2-250x1000-PSK-PSK-SO (for standard flashing)

PDB2-250x800-MFA-MFA-(400)-SL9010 (for a customised flashing)