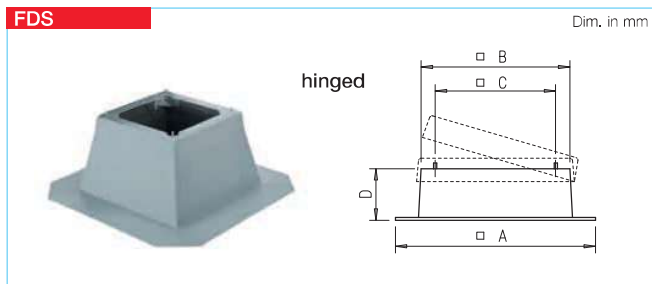


FDS



Flat roof base FDS¹⁾

For installation of roof fans and roof cowls on flat roofs. Horizontal installation. Application keeps cost and assembly effort to a minimum in comparison to manual design. Corrosion-resistant reinforced fibre glass design (nom. size 710 made of galvanised sheet steel) with abrasion-proof, sound and thermal insulation. Snow-secure base height.

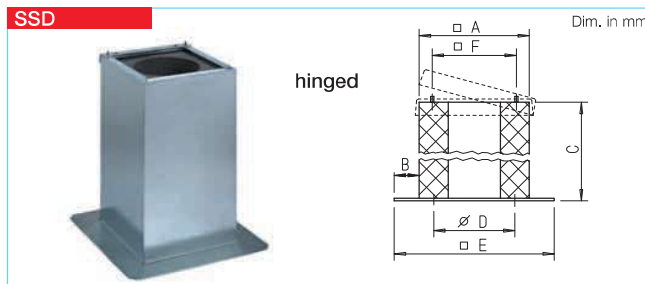
Installation

To be installed above the ceiling opening (roof). Roof coating to be covered completely with felt and to be sealed bitumen-fibre kit. Includes mounting screws, profile rubber and sealing between base and base plate.

Type	Ref. no.	A in mm	B in mm	C in mm	D in mm
FDS 180*	1377	645	285	245	285
FDS 200*	1378	750	392	330	285
FDS 225*	1378	750	392	330	285
FDS 250*	1379	870	520	450	285
FDS 315*	1379	870	520	450	285
FDS 355*	1380	950	605	535	285
FDS 400*	1380	950	605	535	285
FDS 450*	1381	1000	660	590	285
FDS 500	1382	1160	820	750	285
FDS 560	1382	1160	820	750	285
FDS 630	1382	1160	820	750	285
FDS 710	6658	1550	1190	1050	285

* With hinge mechanism for simple inspection and cleaning. ¹⁾ FDS B for VD T120 see separate catalogue.

SSD



Hinged base attenuator SSD for intake-side sound insulation

Average attenuation is 15 dB. All metal parts made of galvanised sheet steel. For installation on flat roofs in the same way as a flat roof base. Delivery includes mounting screws, profile rubber and sealing between base and base plate. For nom. size 500–710: Acoustically lined with non-flammable insulation boards, class A2,

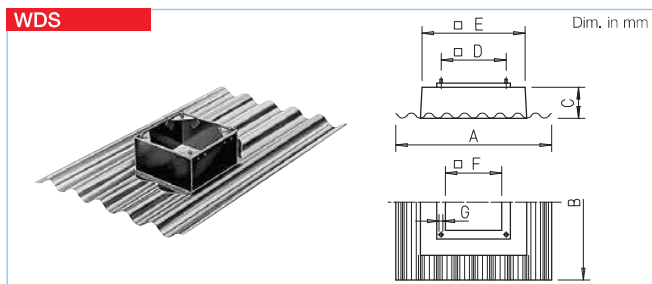
covered with glass fibre on both sides.

Nom. size 180–450: Equipped with hinges to fold the fan for maintenance purposes. Foamed material with free cross-section allows access to ducting or shaft system. Base plate is equipped with threaded holes (according to DIN 24155, Pt. 2) for connection of supply air accessories.

Type	Ref. no.	A	B	C	D	E	F
SSD 180*	5289	280	160	750	213	600	245
SSD 200*	5290	400	133	735	259	666	330
SSD 225*	5290	400	133	735	259	666	330
SSD 250*	5292	520	150	835	286	820	450
SSD 315*	5292	520	150	835	356	820	450
SSD 355*	5024	600	150	985	395	900	535
SSD 400*	5291	600	150	985	438	900	535
SSD 450*	5288	675	158	985	487	990	590
SSD 500	5017	860	170	1200	—	1200	750
SSD 560	5017	860	170	1200	—	1200	750
SSD 630	5017	860	170	1200	—	1200	750
SSD 710	5287	1220	140	1500	—	1500	1050

* With hinge mechanism for simple inspection and cleaning.

WDS



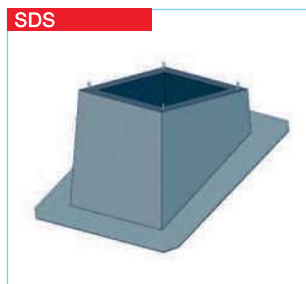
Corrugated roof base WDS

For installation of roof fans and roof cowls on corrugated roofs. Weather-resistant and corrosion-free design made from glass-fibre reinforced polyester, lightweight. No risk of breakage during shipment and on site. Low thermal transmittance value. Profile distance 177 mm (profile no. 5). Keeps planning costs and installation efforts to a minimum.

Rain drains on the front and rear chamfer between the square base and corrugated plate ensure the installation of corrugated roof panels regardless of the ceiling direction. Includes screws, washers and profile rubber for the mounting and sealing of the fan base plate.

Type	Ref. no.	A	B	C	D	E	F	G
WDS 180	1559	920	1600	200	245	295	Ø 256	M 6
WDS 200/225	1560	920	1600	200	330	395	290	M 10
WDS 250/315	1561	920	1600	200	450	555	395	M 10
WDS 355/400	1562	920	1600	200	535	625	475	M 10
WDS 450	1563	1400	2000	200	590	705	525	M 12
WDS 500/560	1564	1400	2000	200	750	895	650	M 12
WDS 630	1565	1400	2000	200	750	895	650	M 12

SDS



Sloping roof base SDS

For installation of roof fans and roof cowls on sloping roofs with slopes of up to 45°. Made of galvanised sheet steel, with sound and thermal insulated 50 mm thick cladding on the inside.

All SDS models are available on request. When ordering please specify the fan type or the nominal size of roof cowl, the roof pitch angle, the type of brick or the profile shape and height (for profile roofs), if necessary.

Installation

Base to be installed on the roof construction. The enclosing collar made of lead to be sealed. Includes mounting screws, plates and sealing between the base and base plate.

Information	Page
All centrifugal roof fans delivered without guard on intake. If there is no duct connected directly to the unit, a guard (model ASD-SGD or SG) must be used.	231
Other accessories	Page
Speed controllers, controllers and switches	525 on