

SMART-EC

ROOF FAN

APPLICATION

- general ventilation of buildings
- conveying the air of temperature up to 60°C and dustiness not exceeding 0,3 g/m³, without viscous, aggressive pollutants and contamination creating explosion hazard

FEATURES

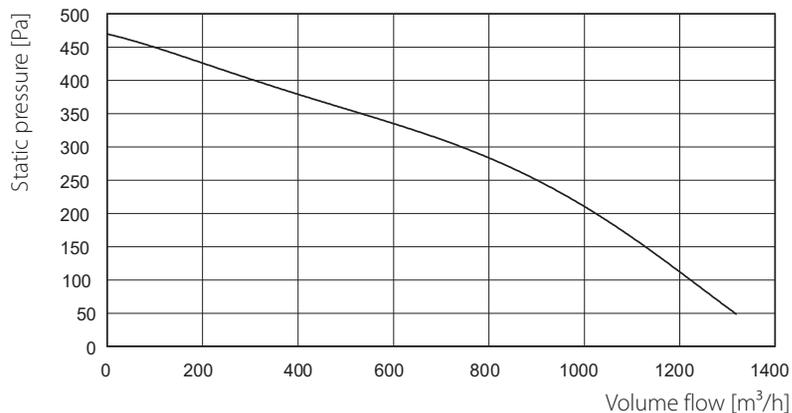
- frame of steel elements
- plastic hood
- statically and dynamically balanced impeller
- high-tech EC electronic commutator motor
- meets the requirements of ErP 2009/125/EC Directive

ADVANTAGES

- optimum acoustic pressure level
- step-less rotation adjustment
- installing: on a roof base
- plastic hood – resistant to weather conditions



SMART-EC-1300

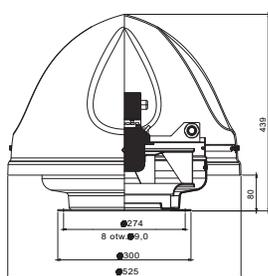


TECHNICAL DATA

Type	Part No.	Synchronous rotations [1/min]	Supply voltage [V/Hz]	Motor rate [W]	Motor ingress protection IP	Acoustic pressure level [dB(A)]					Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Weight [kg]
						outlet				inlet			
						1 m	5 m	10 m	15 m				
SMART-EC-1300	812W80	1925	230/50	275	44	65	51	45	41	65	1300	470	12,3
Roof base TPD-250-N	843P42	-	-	-	-	-	-	-	-	-	-	-	41
Roof base TPDC-250-N	843P52	-	-	-	-	-	-	-	-	-	-	-	46

DIMENSIONS

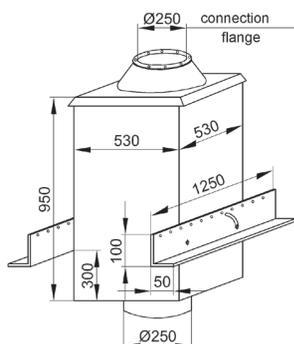
Roof fan
SMART-EC-1300



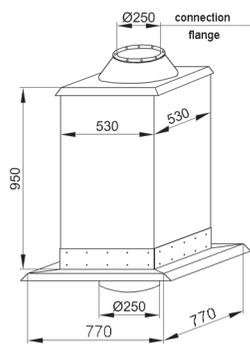
Connection



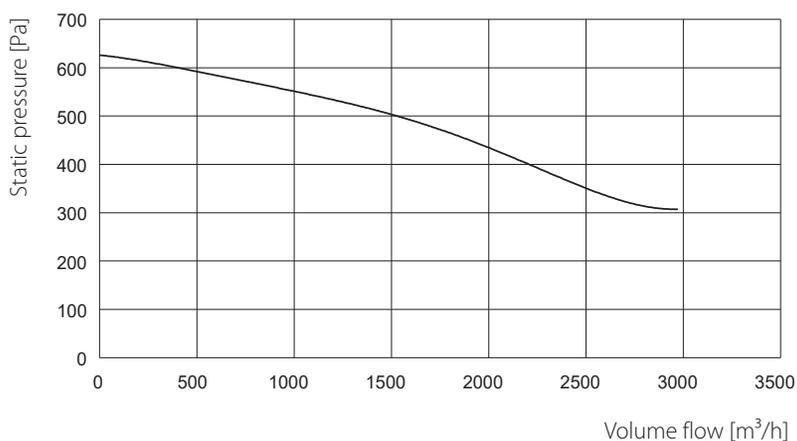
Sound absorbing roof base
TPD-250-N



Sound absorbing roof base
TPDC-250-N



SMART-EC-3000

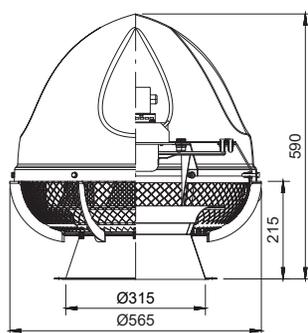


TECHNICAL DATA

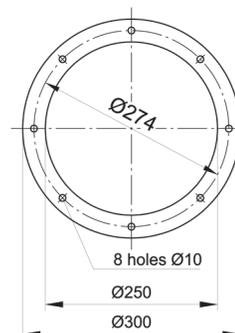
Type	Part No.	Synchronous rotations [1/min]	Supply voltage [V/Hz]	Motor rate [W]	Motor ingress protection IP	Acoustic pressure level [dB(A)]					Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Weight [kg]
						outlet				inlet			
						1 m	5 m	10 m	15 m				
SMART-EC-3000	812W81	2200	230/50	320	44	72	58	52	48	69	3000	625	19,7
Roof base TPD-250-N	843P42	-	-	-	-	-	-	-	-	-	-	-	41
Roof base TPDC-250-N	843P52	-	-	-	-	-	-	-	-	-	-	-	46

DIMENSIONS

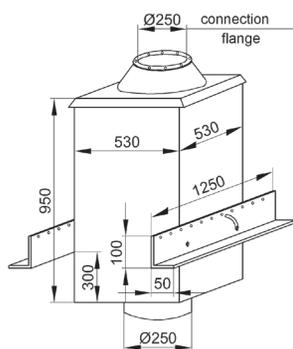
Roof fan
SMART-EC-3000



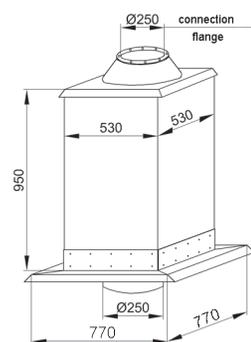
Connection



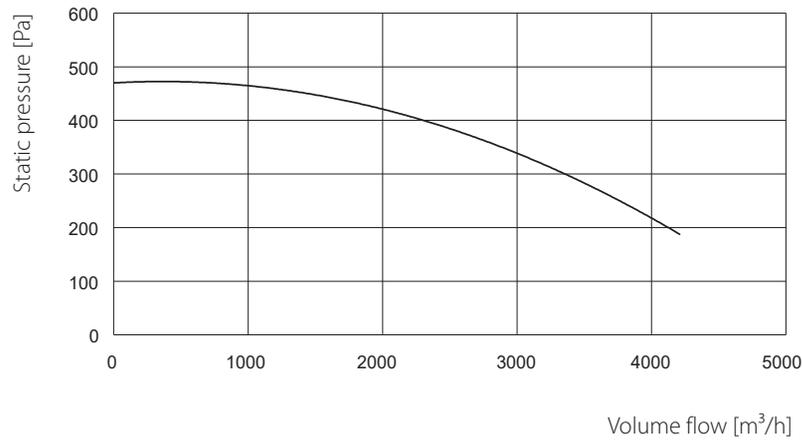
Sound absorbing roof base
TPD-250-N



Sound absorbing roof base
TPDC-250-N



SMART-EC-4000

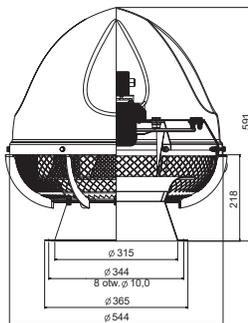


TECHNICAL DATA

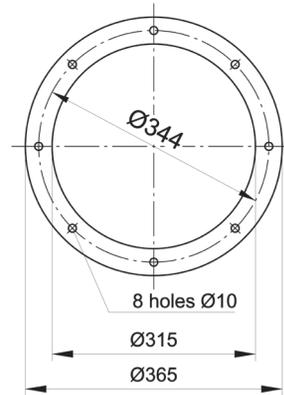
Type	Part No.	Synchronous rotations [1/min]	Supply voltage [V/Hz]	Motor rate [W]	Motor ingress protection IP	Acoustic pressure level [dB(A)]					Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Weight [kg]
						outlet				inlet			
						1 m	5 m	10 m	15 m				
SMART-EC-4000	812W82	1450	230/50	330	44	70	56	50	45	65	4200	480	22,4
Roof base TPD-315-N	843P43	-	-	-	-	-	-	-	-	-	-	-	41
Roof base TPDC-315-N	843P53	-	-	-	-	-	-	-	-	-	-	-	46

DIMENSIONS

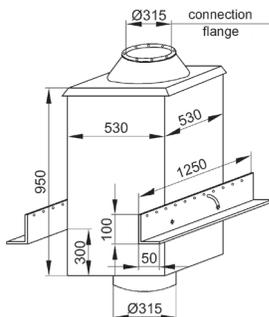
Roof fan
SMART-EC-4000



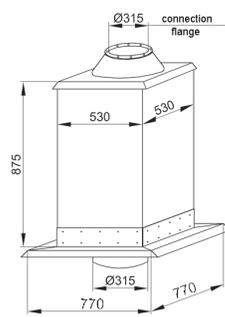
Connection



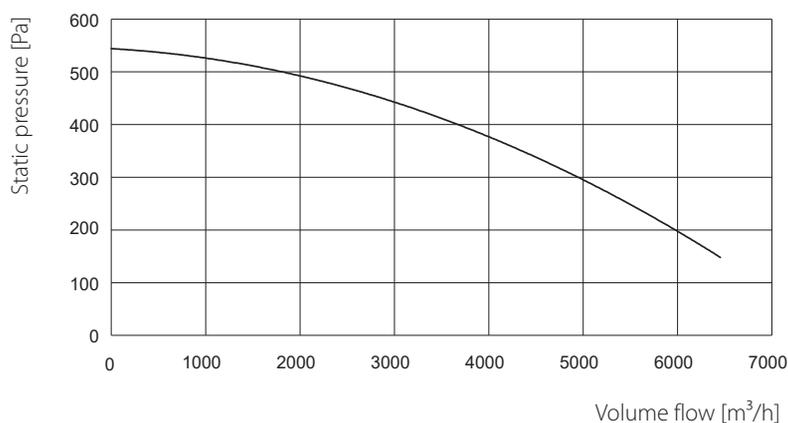
Sound absorbing roof base
TPD-315-N



Sound absorbing roof base
TPDC-315-N



SMART-EC-6200

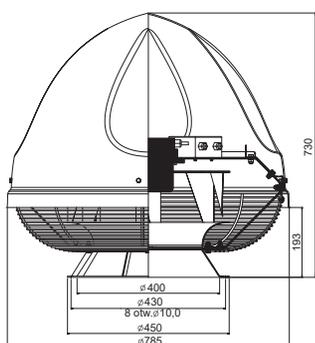


TECHNICAL DATA

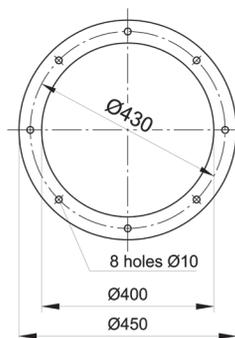
Type	Part No.	Synchronous rotations [1/min]	Supply voltage [V/Hz]	Motor rate [W]	Motor ingress protection IP	Acoustic pressure level [dB(A)]					Maximum volume flow [m³/h]	Maximum vacuum [Pa]	Weight [kg]
						outlet				inlet			
						1 m	5 m	10 m	15 m				
SMART-EC-6200	812W83	1450	3x400/50	1000	44	74	60	54	50	72	6450	540	47,6
Roof base TPD-400-N	843P44	-	-	-	-	-	-	-	-	-	-	-	75
Roof base TPDC-400-N	843P54	-	-	-	-	-	-	-	-	-	-	-	84

DIMENSIONS

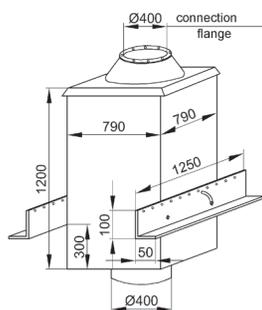
Roof fan
SMART-EC-6200



Connection



Sound absorbing roof base
TPD-400-N



Sound absorbing roof base
TPDC-400-N

