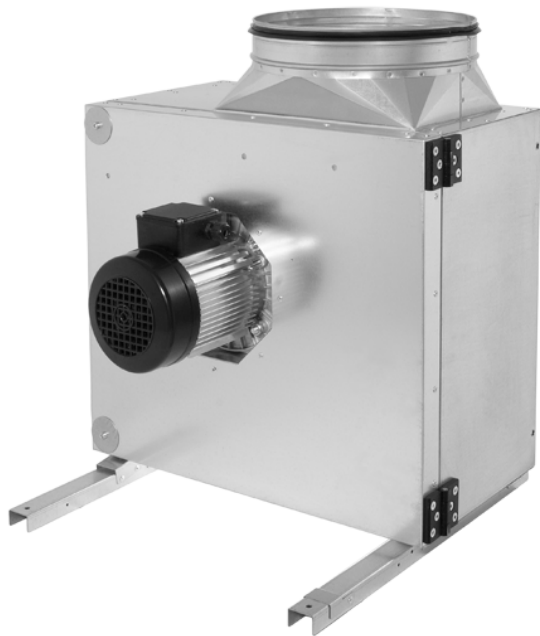


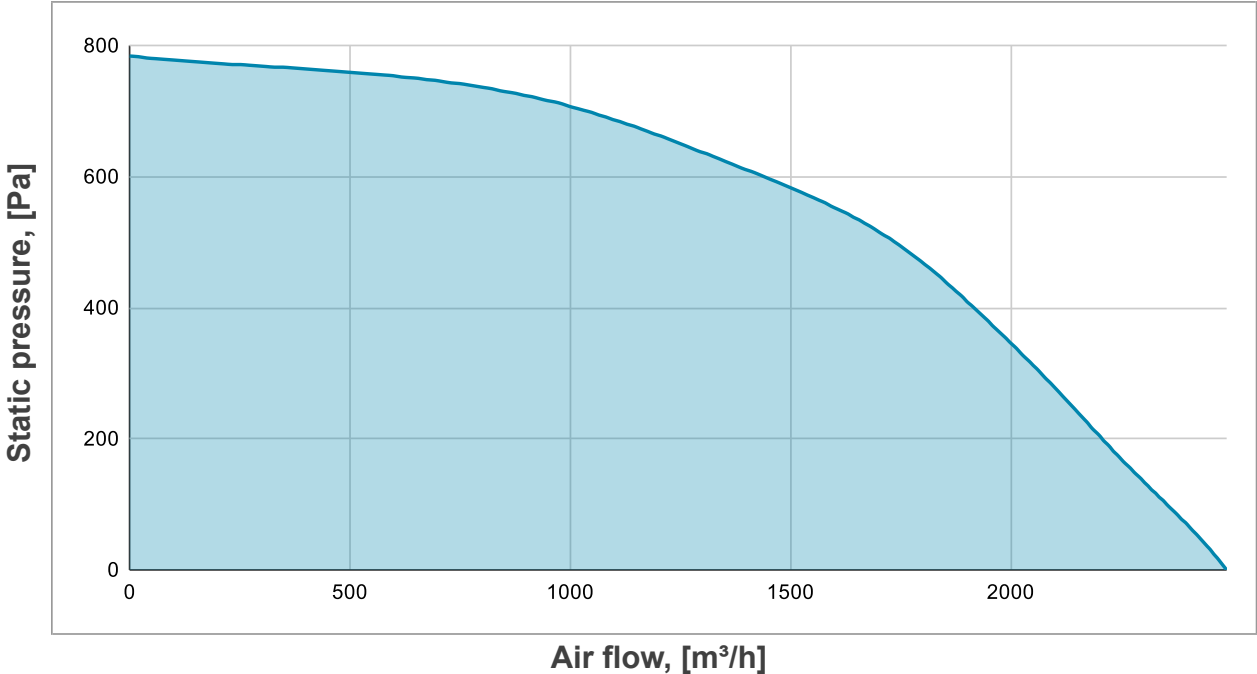
DATASHEET
BOX-S 250 E2 20



11/01/2024 13:45:51



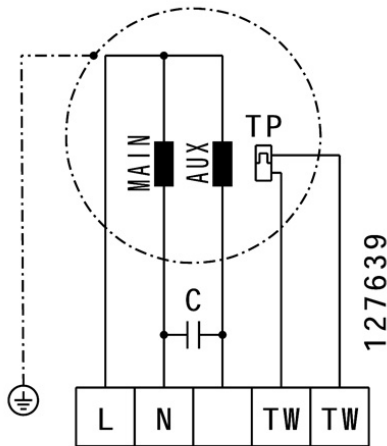
- Up to 120 °C conveyed medium temperature
- Motor outside of air stream
- Speed controllable
- Double wall housing made of galvanized steel sheet
- Swing-out fan unit
- With condensate and grease drain



Technical specifications	Unit	Value
Nominal frequency	Hz	50
Nominal voltage	V	230
Phase	~	1~
Max el. power consumption	W	448
Max current	A	1.97
Sound power, LWA2	dB(A)	71
Max. static efficiency	%	51
Max. total efficiency	%	56
Motor control	Tip	V

Max. efficiency duty point	Unit	Value
Air flow	m³/h	1538
Static pressure	Pa	572
Total pressure	Pa	617
Voltage	V	226
Frequency	Hz	50
Current	A	2
El. power consumption	W	440
Speed	rpm	2837
SFP	W/(m³/s)	1030
Static efficiency	%	52
Total efficiency	%	56
Control voltage	V	-

Wiring diagram



Sound power (LW)							Medium Frequency Band			
SWL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	LWA5	77	44	56	73	73	71	69	69	62
Outlet	LWA6	80	46	57	72	68	71	73	70	64
Case	LWA2	72	42	52	60	58	67	66	65	58

Sound pressure (Lp) at 1m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	66	33	45	62	62	60	58	58	51
Outlet	Lp6	66	35	46	61	57	60	62	59	53
Case	Lp2	60	31	41	49	47	56	55	54	47

Sound pressure (Lp) at 3m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	56	23	35	52	52	50	49	48	41
Outlet	Lp6	58	25	36	51	47	51	53	50	43
Case	Lp2	51	21	32	39	37	46	45	44	37

