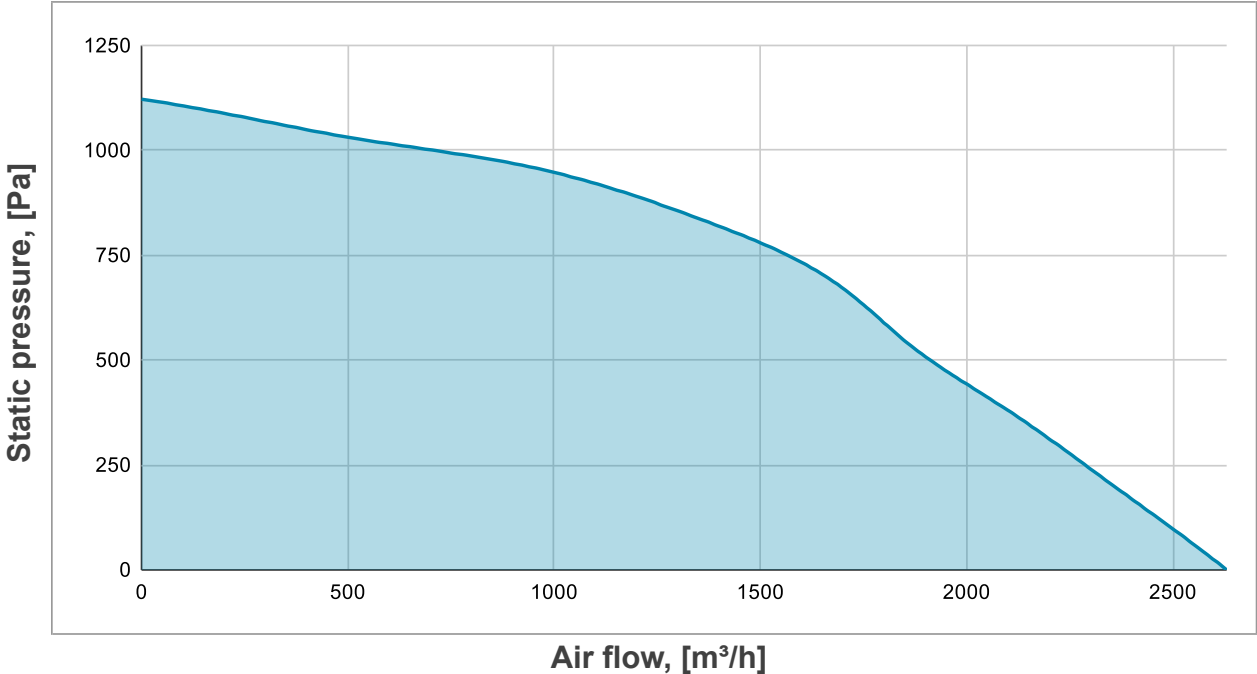


DATASHEET

BOX-C 250 D2 T40



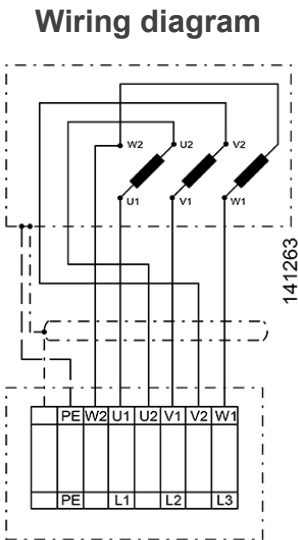
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- Motor outside of air stream
- Double wall housing made of galvanized steel sheet
- Speed controllable
- Bottom pan with drain
- 30 mm insulation
- Star-Delta operation possible
- Star: direct 400V 3~ grid or frequency converter with 400V output
- Delta: direct 230V 3~ g

Technical specifications	Unit	Value
Nominal frequency	Hz	50
Nominal voltage	V	400
Phase	~	3~
Max el. power consumption	W	692
Max current	A	0.87
Sound power, LWA2	dB(A)	73
Max. static efficiency	%	44
Max. total efficiency	%	44
Motor control	Tip	f

Max. efficiency duty point	Unit	Value
Air flow	m³/h	1539
Static pressure	Pa	763
Total pressure	Pa	769
Voltage	V	400
Frequency	Hz	50
Current	A	1.1
El. power consumption	W	685
Speed	rpm	3316
SFP	W/(m³/s)	1603
Static efficiency	%	45
Total efficiency	%	45
Control voltage	V	-



Sound power (LW)							Medium Frequency Band			
SWL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	LWA5	81	51	64	69	76	78	73	69	62
Outlet	LWA6	84	52	68	73	79	79	78	71	63
Case	LWA2	74	56	62	59	65	68	68	62	55

Sound pressure (Lp) at 1m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	70	40	53	58	65	67	62	58	51
Outlet	Lp6	73	41	57	62	68	68	67	60	52
Case	Lp2	62	45	51	48	54	57	57	51	44

Sound pressure (Lp) at 3m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	61	31	43	48	56	58	52	49	41
Outlet	Lp6	64	32	48	53	59	58	58	50	43
Case	Lp2	53	35	41	38	45	48	48	42	35

