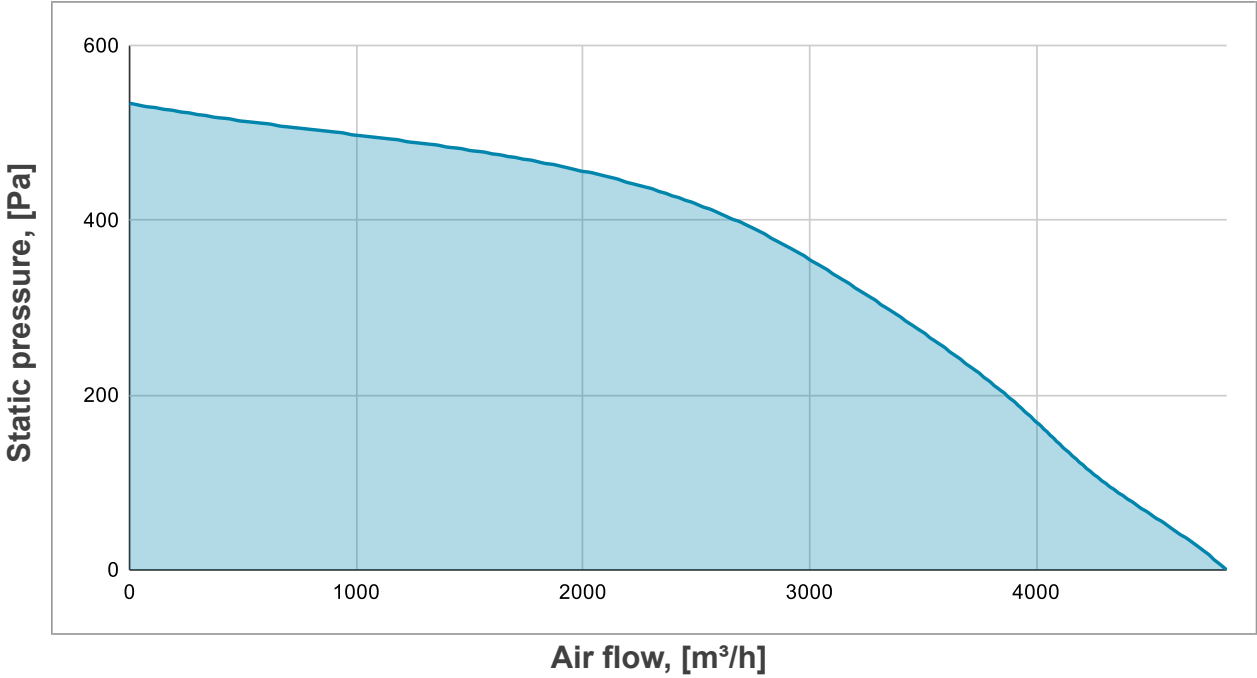


DATASHEET
BOX-C 400 D4 T40



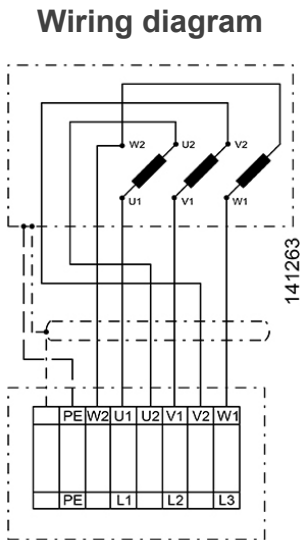
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- Motor outside of air stream
- Galvanized sheet steel double wall casing
- Speed controllable
- Bottom pan with drain
- 30 mm insulation
- Star-Delta operation possible
- Star: direct 400V 3~ grid or frequency converter with 400V output
- Delta: direct 230V 3~ grid or fr

Technical specifications	Unit	Value
Nominal frequency	Hz	50
Nominal voltage	V	400
Phase	~	3~
Max el. power consumption	W	564
Max current	A	1.05
Sound power, LWA2	dB(A)	69
Max. static efficiency	%	50
Max. total efficiency	%	50
Motor control	Tip	f

Max. efficiency duty point	Unit	Value
Air flow	m³/h	2759
Static pressure	Pa	390
Total pressure	Pa	393
Voltage	V	400
Frequency	Hz	50
Current	A	1
El. power consumption	W	564
Speed	rpm	1441
SFP	W/(m³/s)	736
Static efficiency	%	51
Total efficiency	%	51
Control voltage	V	-



Sound power (LW)							Medium Frequency Band			
SWL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	LWA5	74	41	67	65	70	66	63	60	58
Outlet	LWA6	76	41	65	66	70	71	67	62	57
Case	LWA2	69	41	61	59	66	61	54	45	38

Sound pressure (Lp) at 1m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	63	30	56	54	59	55	52	49	47
Outlet	Lp6	64	30	54	55	59	60	56	51	46
Case	Lp2	57	30	50	48	55	50	43	34	27

Sound pressure (Lp) at 3m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	53	21	46	45	49	46	43	39	37
Outlet	Lp6	55	20	44	45	49	51	46	41	36
Case	Lp2	48	21	40	39	45	41	33	24	17

