

DATASHEET
 BOX-S 280 D2 40



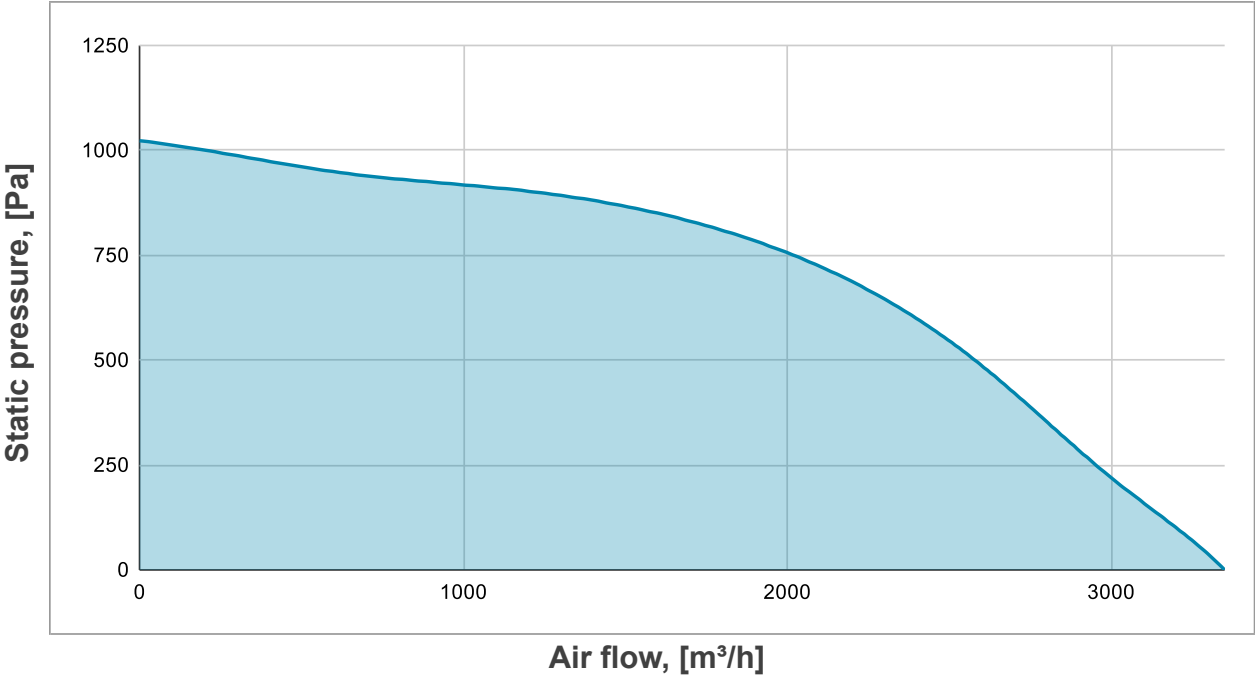
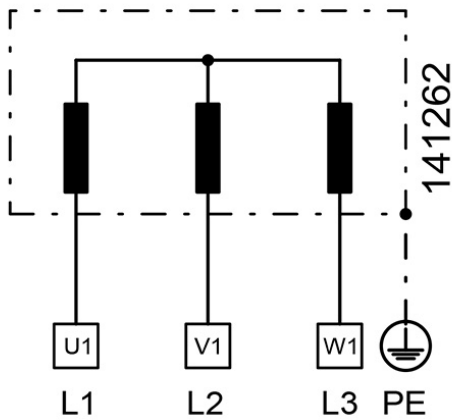
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- Up to 120 °C conveyed medium temperature
- Motor outside of air stream
- Speed controllable
- Double wall housing made of galvanized steel sheet
- Swing-out fan unit
- With condensate and grease drain
- Star-Delta operation possible
- Star: direct 400V 3~ grid or freque

Technical specifications	Unit	Value
Nominal frequency	Hz	50
Nominal voltage	V	400
Phase	~	3~
Max el. power consumption	W	759
Max current	A	1.28
Sound power, LWA2	dB(A)	75
Max. static efficiency	%	52
Max. total efficiency	%	54
Motor control	Tip	f

Wiring diagram



Max. efficiency duty point	Unit	Value
Air flow	m³/h	2034
Static pressure	Pa	746
Total pressure	Pa	778
Voltage	V	400
Frequency	Hz	50
Current	A	1.3
El. power consumption	W	750
Speed	rpm	2766
SFP	W/(m³/s)	1328
Static efficiency	%	53
Total efficiency	%	55
Control voltage	V	-

Sound power (LW)							Medium Frequency Band			
SWL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	LWA5	83	40	56	73	75	77	73	70	63
Outlet	LWA6	86	48	62	82	75	78	78	74	67
Case	LWA2	75	52	57	64	58	74	64	57	49

Sound pressure (Lp) at 1m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	69	29	45	62	64	66	62	59	52
Outlet	Lp6	72	37	51	71	64	67	67	63	56
Case	Lp2	64	41	46	53	47	63	53	46	38

Sound pressure (Lp) at 3m							Medium Frequency Band			
SPL	dba	Σ	63	125	250	500	1k	2k	4k	8k
Inlet	Lp5	60	19	36	53	54	56	52	49	43
Outlet	Lp6	65	27	42	61	55	58	57	53	47
Case	Lp2	54	32	37	43	38	54	43	37	29

