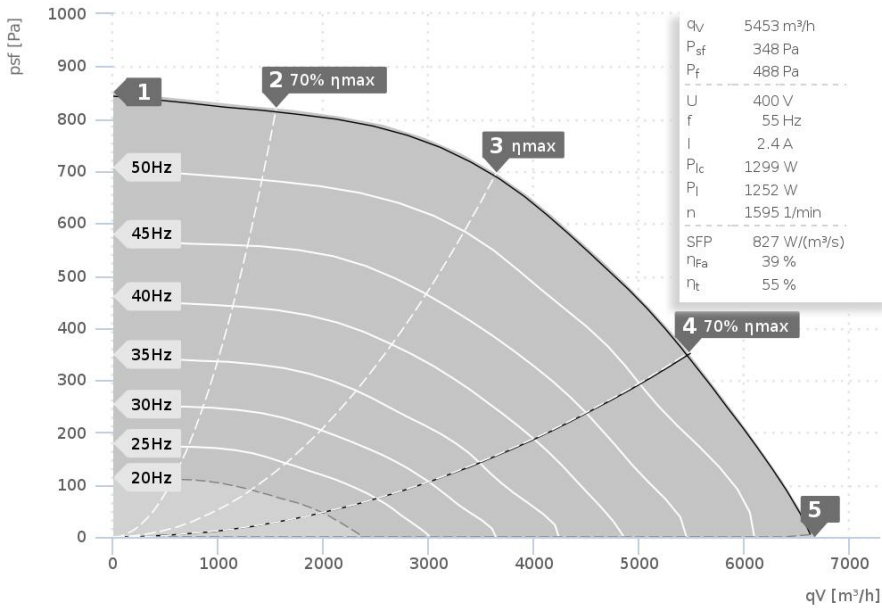


DATA SHEET

MPS 450 D4 30 | 140704



- Max. medium temperature 120°C
- Motor outside of air stream
- Speed controllable
- Swing-out fan unit
- With condensate and grease drain
- Star-Delta operation possible
- Star: direct 400V 3~ grid or frequency converter with 400V output
- Delta: direct 230V 3~ grid or frequency converter with 230V 1~ input and 230V 3~ output

— ErP compliant range

Operating Point		1	2	3	4	5
Current I	A	1,6	1,9	2,3	2,4	2,2
Power consumption P ₁	W	507	855	1175	1268	1131
RPM n	1/min	1624	1619	1605	1603	1608
SPL inlet L _{WA5}	dB(A)	84	82	82	85	86
SPL outlet L _{WA6}	dB(A)	84	83	82	86	87
SPL casing break out L _{WA2}	dB(A)	73	73	74	77	80

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	84	48	70	80	78	77	76	74	65
Outlet	L _{WA6}	86	58	69	81	77	79	78	75	67
Casing	L _{WA2}	76	54	66	75	62	62	60	56	48

MPS 450 D4 30 140704	
Voltage U _N	400 V 3~
Current I _{max}	2,5 A
Ambient temperature t _A	60 °C
Medium temperatures t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	74,9 kg
Poles	4
IP motor	IP55
IP terminal box	-
Min. operating temperature	-20 °C

