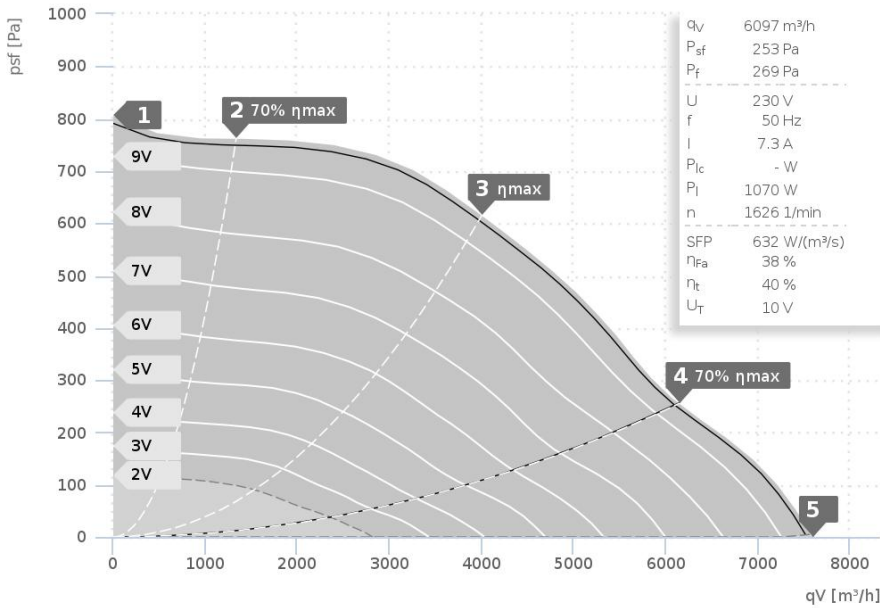


# DATA SHEET

## MPC 450 EC T30 | 149331



- Max. medium temperature 120°C
- EC-motor outside of air stream
- Speed controllable
- With condensate and grease drain
- 30 mm insulation

— ErP compliant range

Operating Point		1	2	3	4	5
Current $I$	A	2,9	5,2	8,2	7,5	6,1
Power consumption $P_1$	W	380	727	1215	1097	872
RPM $n$	1/min	1627	1642	1641	1640	1640
SPL inlet $L_{WA5}$	dB(A)	79	79	81	84	86
SPL outlet $L_{WA6}$	dB(A)	83	82	82	87	88
SPL casing break out $L_{WA2}$	dB(A)	70	69	69	71	72

Sound power ( $L_W$ ) dB(A)		Medium Frequency Band								
		$\Sigma$	63	125	250	500	1k	2k	4k	8k
Inlet	$L_{WA5}$	84	51	69	79	79	76	73	68	64
Outlet	$L_{WA6}$	87	52	70	79	82	82	78	74	65
Casing	$L_{WA2}$	71	50	64	66	67	62	58	53	46

MPC 450 EC T30   149331	
Voltage $U_N$	230 V 1~
Current $I_{max}$	8,8 A
Ambient temperature $t_A$	50 °C
Medium temperatures $t_M$	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	73,0 kg
Poles	-
IP motor	IP54
IP terminal box	-
Min. operating temperature	-20 °C

