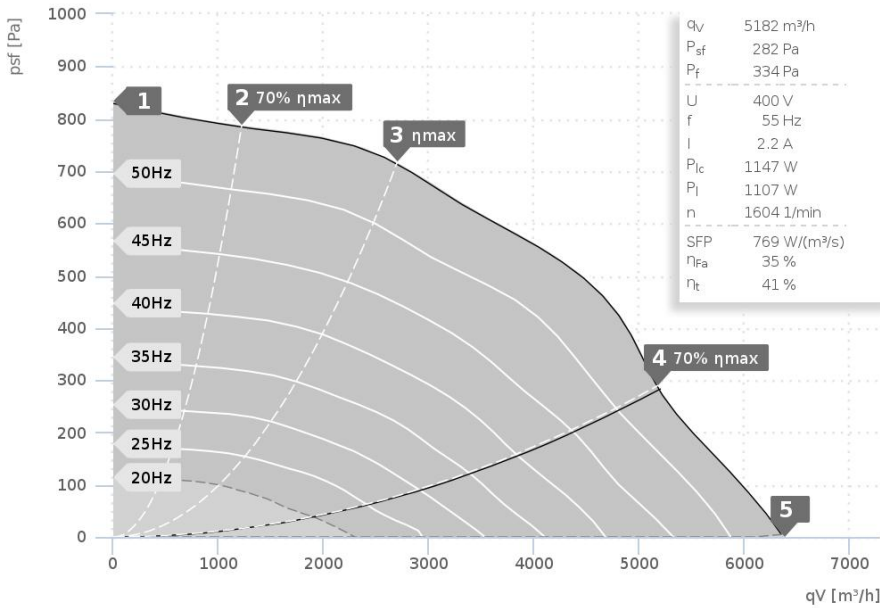


# DATA SHEET

## MPC 450 D4 TI 30 | 144936



— ErP compliant range



- Linear airflow
- Motor outside of air stream
- Galvanized metal housing
- 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 frequency converter with 230V 1~ input and 230V 3~ output

Operating Point		1	2	3	4	5
Current $I$	A	1,4	1,7	2,0	2,2	2,0
Power consumption $P_1$	W	435	726	1005	1118	1021
RPM $n$	1/min	1632	1622	1609	1608	1612
SPL inlet $L_{WA5}$	dB(A)	78	78	78	84	87
SPL outlet $L_{WA6}$	dB(A)	85	84	85	91	93
SPL casing break out $L_{WA2}$	dB(A)	69	70	70	73	75

Sound power ( $L_W$ ) dB(A)		Medium Frequency Band								
		$\Sigma$	63	125	250	500	1k	2k	4k	8k
Inlet	$L_{WA5}$	84	58	72	74	77	78	77	73	68
Outlet	$L_{WA6}$	91	54	75	82	85	86	83	78	72
Casing	$L_{WA2}$	73	55	65	69	65	65	61	53	55

MPC 450 D4 TI 30   144936	
Voltage $U_N$	400 V 3~
Current $I_{max}$	2,4 A
Ambient temperature $t_A$	60 °C
Medium temperatures $t_M$	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	82,5 kg
Poles	4
IP motor	IP55
IP terminal box	-
Min. operating temperature	-20 °C

