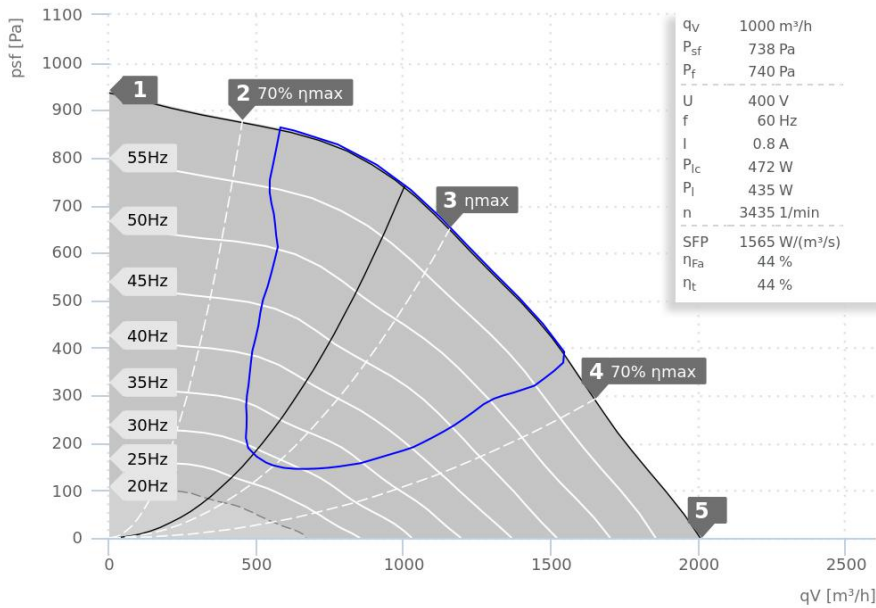


DATA SHEET

MPC 225 D2 T40 | 157206



- 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 frequency converter with 230V 1~ input and 230V 3~ output

— ErP compliant range

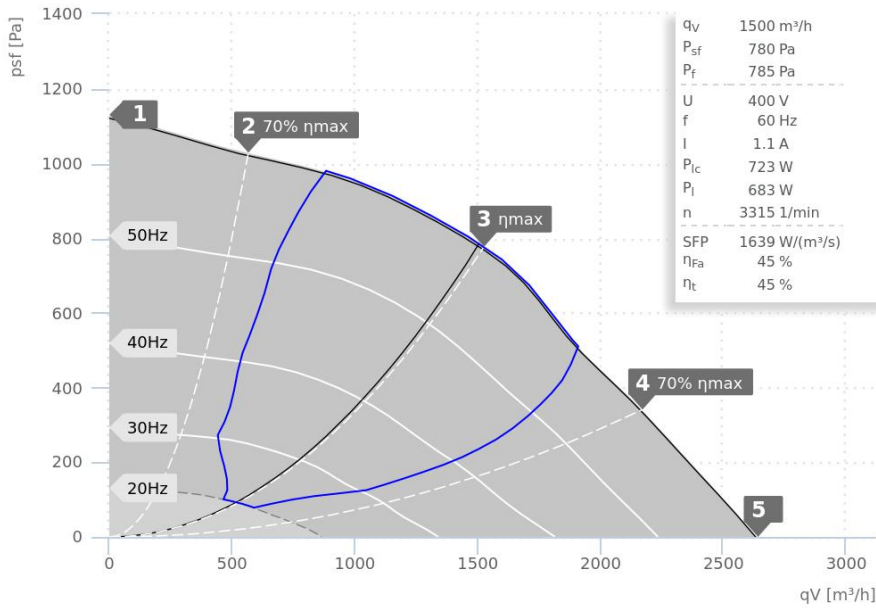
Operating Point		1	2	3	4	5
Current I	A	0,6	0,7	0,8	0,8	0,7
Power consumption P_1	W	230	336	439	400	347
Rotation speed n	1/min	3521	3479	3446	3460	3488
SWL inlet L_{WA5}	dB(A)	81	80	80	84	85
SWL outlet L_{WA6}	dB(A)	83	82	83	87	88
SWL housing break out L_{WA2}	dB(A)	75	74	73	74	75

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	79	52	63	66	72	76	72	68	62
Outlet	L_{WA6}	82	48	66	70	77	77	77	70	63
Housing radiation	L_{WA2}	73	50	62	57	65	67	69	63	56

MPC 225 D2 T40 157206	
Voltage U_N	400 V 3~
Current I_{max}	0,9 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	35,2 kg
Number of poles	2
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 250 D2 T40 | 157209



— ErP compliant range



- 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 frequency converter with 230V 1~ input and 230V 3~ output

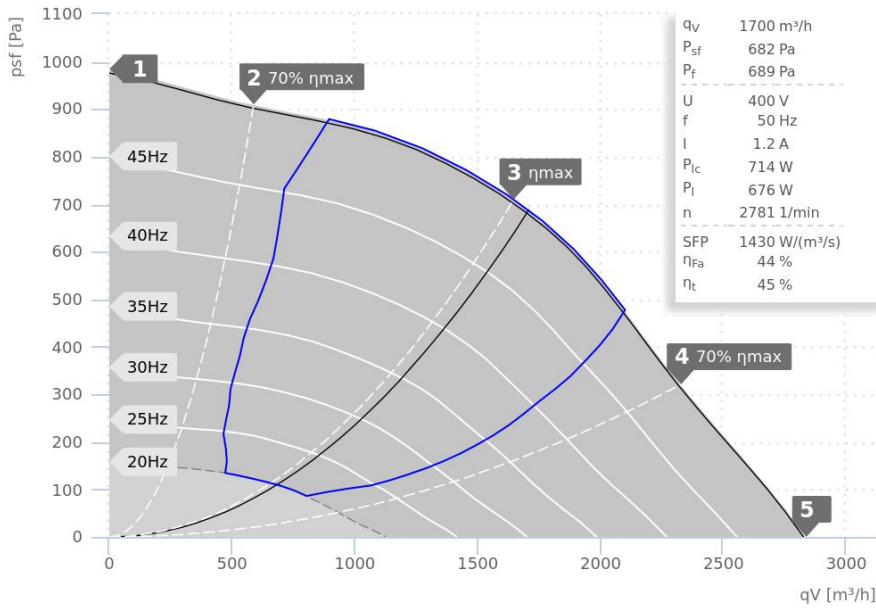
Operating Point		1	2	3	4	5
Current I	A	0,6	0,9	1,1	1,0	0,9
Power consumption P_1	W	308	505	692	612	505
Rotation speed n	1/min	3485	3401	3329	3370	3422
SWL inlet L_{WA5}	dB(A)	82	81	82	87	88
SWL outlet L_{WA6}	dB(A)	85	84	84	88	89
SWL housing break out L_{WA2}	dB(A)	76	75	73	74	75

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	81	51	64	69	76	78	73	69	62
Outlet	L_{WA6}	84	53	68	73	79	79	78	71	63
Housing radiation	L_{WA2}	73	56	62	59	65	68	68	63	55

MPC 250 D2 T40 157209	
Voltage U_N	400 V 3~
Current I_{max}	1,2 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	35,0 kg
Number of poles	2
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 280 D2 T40 | 157214



- 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 frequency converter with 230V 1~ input and 230V 3~ output

— ErP compliant range

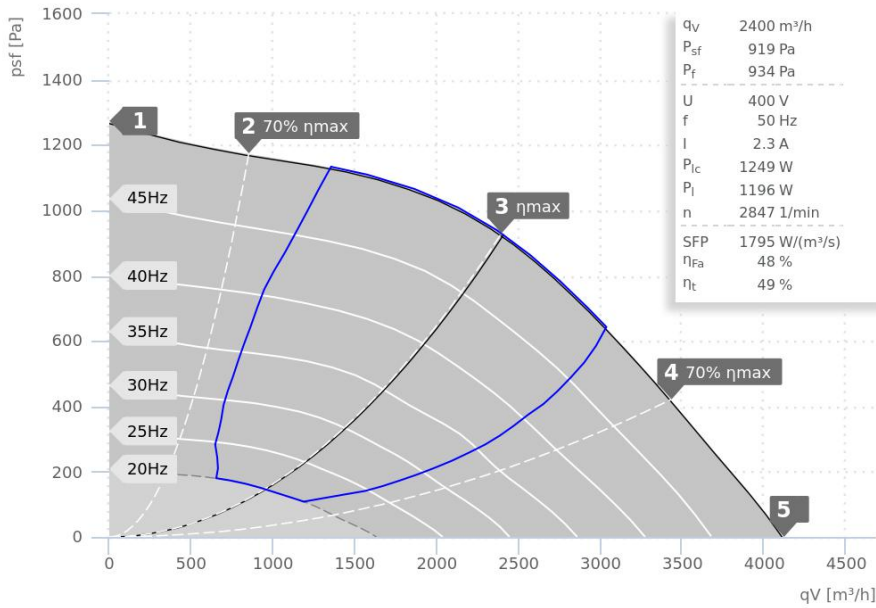
Operating Point		1	2	3	4	5
Current I	A	0,8	0,9	1,2	1,1	1,0
Power consumption P _i	W	295	453	681	619	534
Rotation speed n	1/min	2916	2865	2794	2821	2856
SWL inlet L _{WA5}	dB(A)	82	81	82	86	88
SWL outlet L _{WA6}	dB(A)	84	84	85	89	91
SWL housing break out L _{WA2}	dB(A)	74	74	73	74	77

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	82	50	66	74	77	75	74	70	68
Outlet	L _{WA6}	85	53	68	77	78	80	78	70	65
Housing radiation	L _{WA2}	73	50	62	66	62	69	64	60	54

MPC 280 D2 T40 157214	
Voltage U _N	400 V 3~
Current I _{max}	1,3 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	36,0 kg
Number of poles	2
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 315 D2 T40 | 157218



— ErP compliant range



- 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 frequency converter with 230V 1~ input and 230V 3~ output

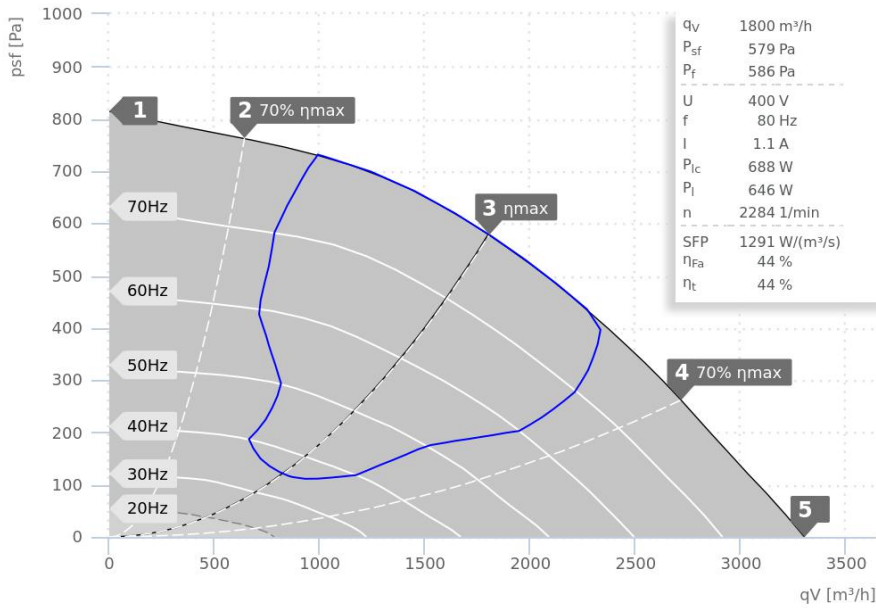
Operating Point		1	2	3	4	5
Current I	A	1,6	1,9	2,3	2,2	2,0
Power consumption P_1	W	470	790	1206	1117	939
Rotation speed n	1/min	2945	2907	2856	2872	2900
SWL inlet L_{WA5}	dB(A)	86	85	85	89	90
SWL outlet L_{WA6}	dB(A)	89	88	88	92	93
SWL housing break out L_{WA2}	dB(A)	77	76	75	78	79

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	85	51	67	77	80	78	78	75	71
Outlet	L_{WA6}	88	56	66	82	81	83	82	78	73
Housing radiation	L_{WA2}	75	55	63	69	66	68	68	64	58

MPC 315 D2 T40 157218	
Voltage U_N	400 V 3~
Current I_{max}	2,5 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	41,0 kg
Number of poles	2
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 315 D4 T40 | 157224



— ErP compliant range



- 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 frequency converter with 230V 1~ input and 230V 3~ output

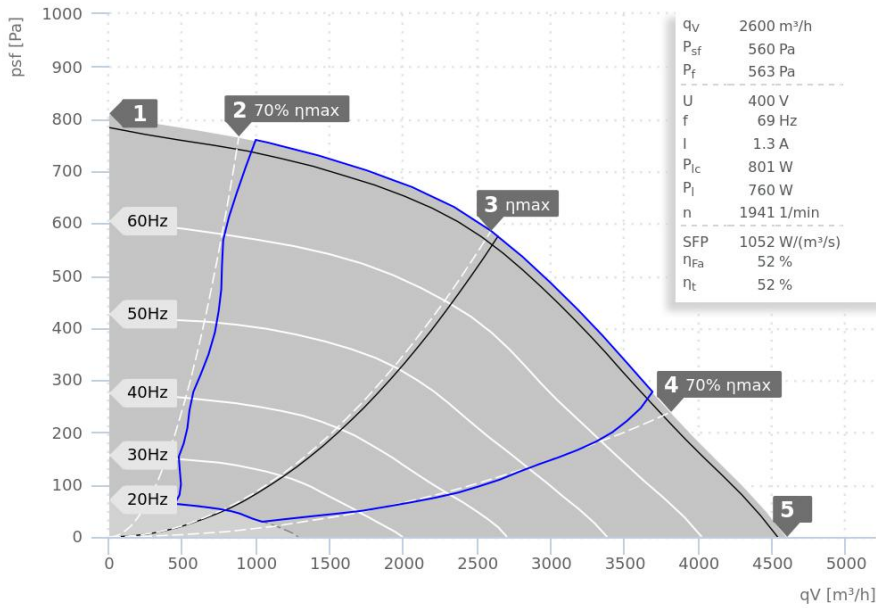
Operating Point		1	2	3	4	5
Current I	A	0,5	0,8	1,1	1,0	0,9
Power consumption P_1	W	266	438	647	627	517
Rotation speed n	1/min	2352	2326	2285	2292	2316
SWL inlet L_{WA5}	dB(A)	79	79	78	82	83
SWL outlet L_{WA6}	dB(A)	82	82	81	85	86
SWL housing break out L_{WA2}	dB(A)	69	69	68	69	70

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	78	48	59	70	73	70	71	68	64
Outlet	L_{WA6}	81	48	60	74	74	76	75	70	64
Housing radiation	L_{WA2}	68	51	58	59	60	58	64	54	49

MPC 315 D4 T40 157224	
Voltage U_N	400 V 3~
Current I_{max}	1,1 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	40,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 355 D4 T40 | 157226



— ErP compliant range



- 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 frequency converter with 230V 1~ input and 230V 3~ output

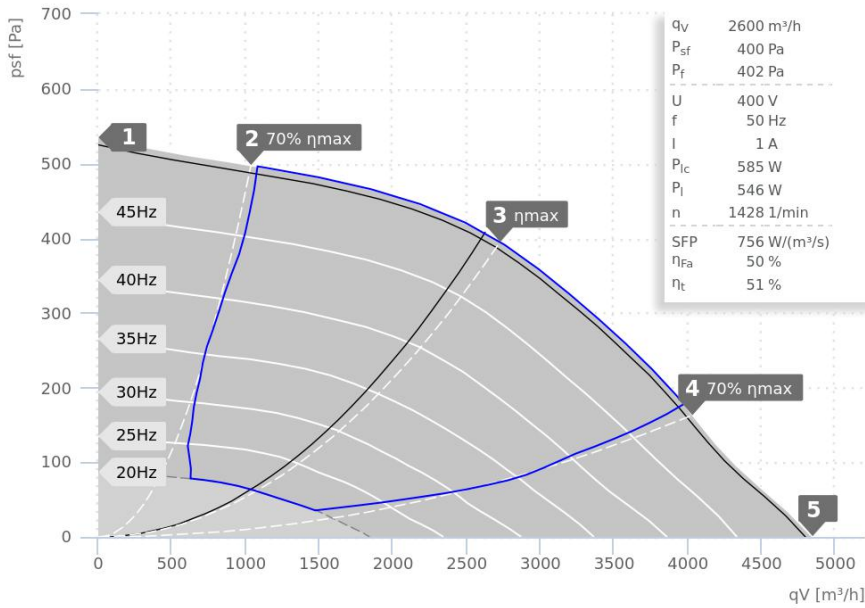
Operating Point		1	2	3	4	5
Current I	A	0,6	0,9	1,3	1,1	1,0
Power consumption P _i	W	306	511	794	672	571
Rotation speed n	1/min	2052	2022	1972	2000	2018
SWL inlet L _{WA5}	dB(A)	79	79	79	83	86
SWL outlet L _{WA6}	dB(A)	84	83	84	86	89
SWL housing break out L _{WA2}	dB(A)	77	76	76	78	80

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	79	43	56	68	75	70	71	68	63
Outlet	L _{WA6}	83	45	58	71	79	77	75	71	70
Housing radiation	L _{WA2}	76	42	54	57	75	64	64	55	54

MPC 355 D4 T40 157226	
Voltage U _N	400 V 3~
Current I _{max}	1,4 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	63,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 400 D4 T40 | 157231



- 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 frequency converter with 230V 1~ input and 230V 3~ output

— ErP compliant range

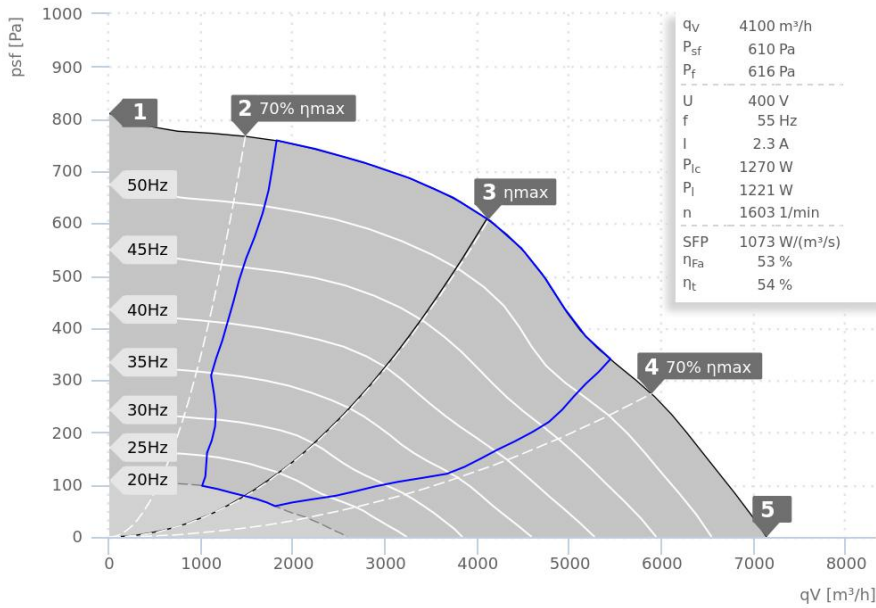
Operating Point		1	2	3	4	5
Current I	A	0,7	0,9	1,0	1,0	0,9
Power consumption P_1	W	236	391	564	488	403
Rotation speed n	1/min	1474	1461	1442	1451	1462
SWL inlet L_{WA5}	dB(A)	74	73	74	78	80
SWL outlet L_{WA6}	dB(A)	76	75	76	80	82
SWL housing break out L_{WA2}	dB(A)	69	69	69	69	70

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	74	41	65	65	70	66	63	60	58
Outlet	L_{WA6}	75	41	64	65	70	71	66	62	57
Housing radiation	L_{WA2}	69	41	60	59	66	61	53	44	38

MPC 400 D4 T40 157231	
Voltage U_N	400 V 3~
Current I_{max}	1,1 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	65,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 450 D4 T40 | 157232



— ErP compliant range



- 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 frequency converter with 230V 1~ input and 230V 3~ output

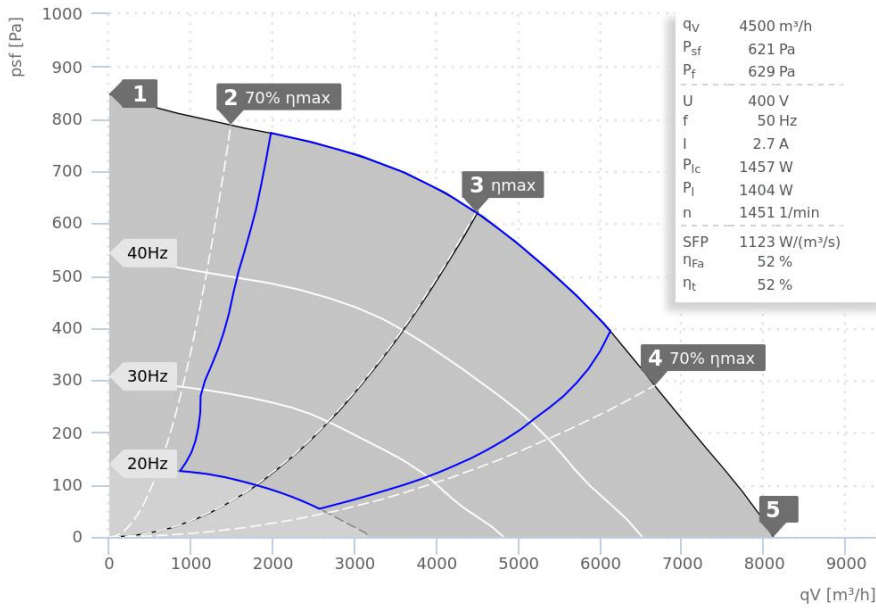
Operating Point		1	2	3	4	5
Current I	A	1,5	1,8	2,3	2,2	2,0
Power consumption P _i	W	469	802	1224	1118	903
Rotation speed n	1/min	1629	1619	1604	1610	1617
SWL inlet L _{WA5}	dB(A)	80	80	82	85	87
SWL outlet L _{WA6}	dB(A)	84	83	85	88	90
SWL housing break out L _{WA2}	dB(A)	72	72	73	76	77

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	82	51	67	75	76	75	73	69	65
Outlet	L _{WA6}	85	51	67	77	79	80	76	72	64
Housing radiation	L _{WA2}	73	54	64	68	67	65	62	59	54

MPC 450 D4 T40 157232	
Voltage U _N	400 V 3~
Current I _{max}	2,5 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	75,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 500 D4 T40 | 157233



- 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 frequency converter with 230V 1~ input and 230V 3~ output

— ErP compliant range

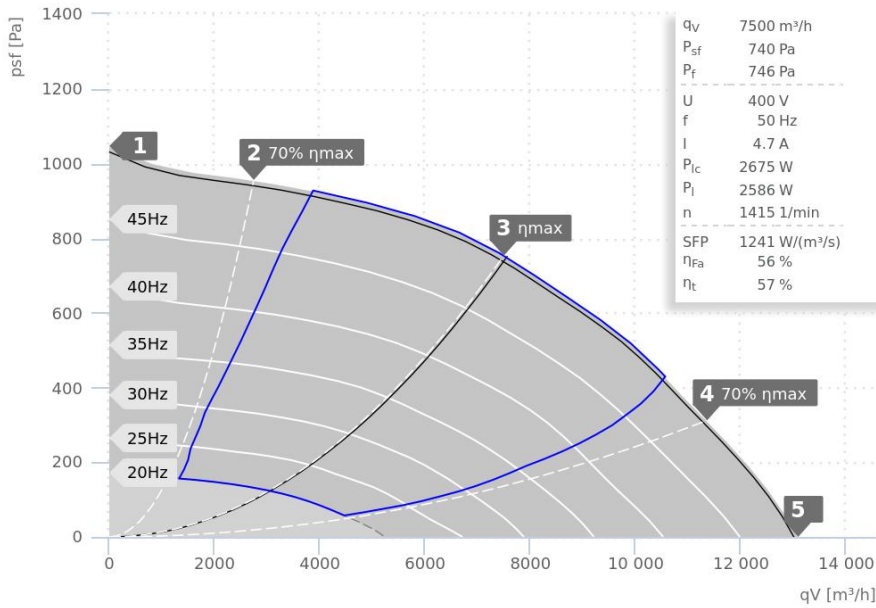
Operating Point		1	2	3	4	5
Current I	A	1,7	2,0	2,7	2,6	2,4
Power consumption P ₁	W	512	843	1405	1375	1166
Rotation speed n	1/min	1478	1471	1452	1455	1462
SWL inlet L _{WA5}	dB(A)	84	85	86	88	90
SWL outlet L _{WA6}	dB(A)	84	86	86	88	90
SWL housing break out L _{WA2}	dB(A)	76	77	77	79	81

Sound power (L _w) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	85	51	75	74	80	80	79	74	64
Outlet	L _{WA6}	86	53	77	75	80	81	79	74	65
Housing radiation	L _{WA2}	77	51	70	69	70	71	70	63	53

MPC 500 D4 T40 157233	
Voltage U _N	400 V 3~
Current I _{max}	2,9 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	75,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 560 D4 T40 | 157235



— ErP compliant range



- 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 frequency converter with 230V 1~ input and 230V 3~ output

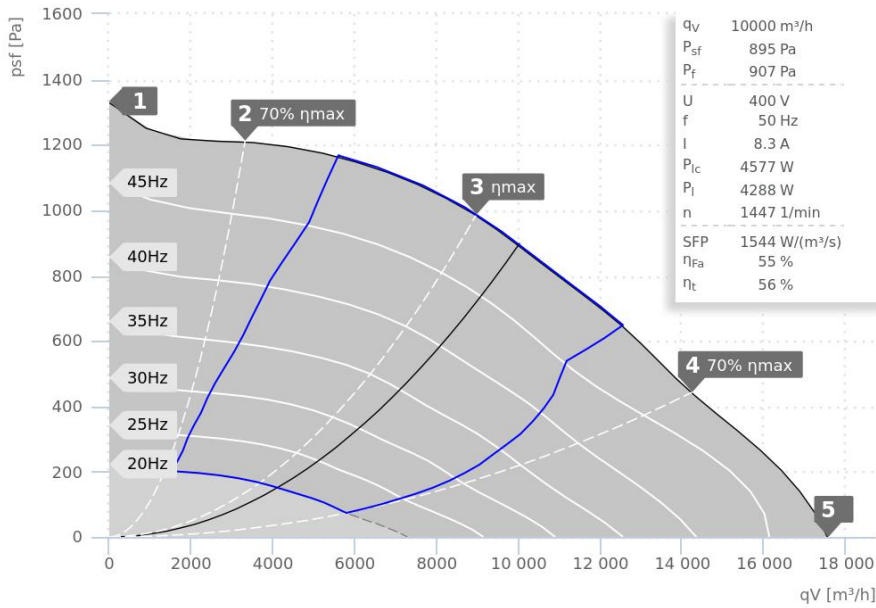
Operating Point		1	2	3	4	5
Current I	A	2,7	3,5	4,7	4,3	3,9
Power consumption P_1	W	1008	1771	2641	2311	2070
Rotation speed n	1/min	1463	1452	1426	1440	1446
SWL inlet L_{WA5}	dB(A)	83	84	86	90	91
SWL outlet L_{WA6}	dB(A)	87	88	88	91	93
SWL housing break out L_{WA2}	dB(A)	74	75	76	78	79

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	86	52	77	77	77	80	79	74	67
Outlet	L_{WA6}	88	49	77	78	82	83	81	77	68
Housing radiation	L_{WA2}	76	47	66	65	72	72	63	58	50

MPC 560 D4 T40 157235	
Voltage U_N	400 V 3~
Current I_{max}	5,0 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	127,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 630 D4 T40 | 157241



- Motor outside of air stream
- Galvanized sheet steel double wall casing
- Speed controllable
- Bottom pan with drain
- 30 mm insulation
- Frequency converter with 400V 3~ input and 400V 3~ output

— ErP compliant range

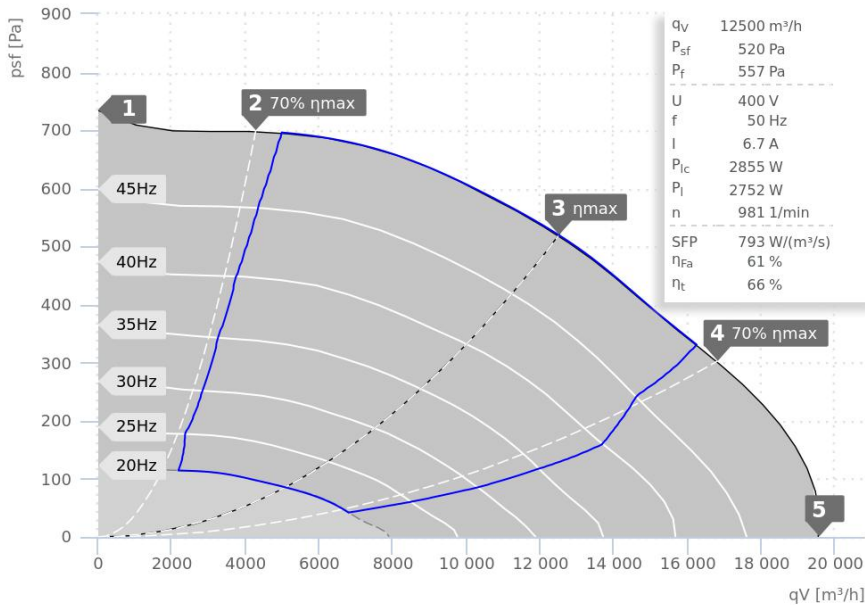
Operating Point		1	2	3	4	5
Current I	A	5,1	6,3	8,2	7,9	6,8
Power consumption P ₁	W	1435	2751	4234	4032	3345
Rotation speed n	1/min	1473	1468	1449	1455	1455
SWL inlet L _{WA5}	dB(A)	86	88	89	92	93
SWL outlet L _{WA6}	dB(A)	91	92	92	97	98
SWL housing break out L _{WA2}	dB(A)	79	81	79	84	84

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	89	58	79	82	82	84	81	75	67
Outlet	L _{WA6}	93	61	82	83	88	88	85	80	70
Housing radiation	L _{WA2}	80	57	77	71	72	71	70	62	55

MPC 630 D4 T40 157241	
Voltage U _N	400 V 3~
Current I _{max}	8,8 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	140,0 kg
Number of poles	4
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 710 D6 T40 | 150945



— ErP compliant range



- Motor outside of air stream
- Galvanized sheet steel double wall casing
- Speed controllable
- Bottom pan with drain
- 30 mm insulation
- Frequency converter with 400V 3~ input and 400V 3~ output

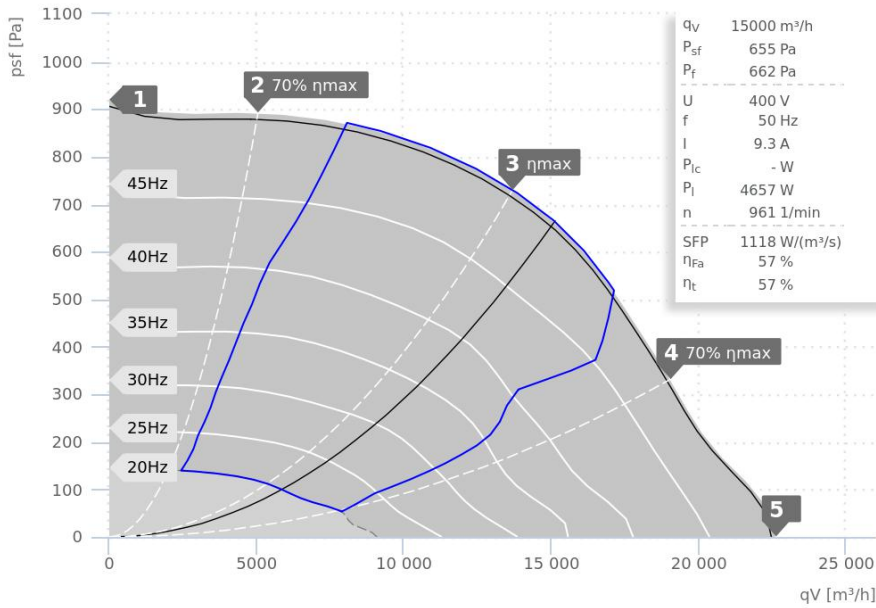
Operating Point		1	2	3	4	5
Current I	A	5,0	5,7	6,7	6,3	5,8
Power consumption P ₁	W	975	1817	2752	2436	1936
Rotation speed n	1/min	980	989	981	974	990
SWL inlet L _{WA5}	dB(A)	79	78	81	83	87
SWL outlet L _{WA6}	dB(A)	83	81	83	85	90
SWL housing break out L _{WA2}	dB(A)	70	69	70	72	76

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	81	52	76	76	73	73	71	68	64
Outlet	L _{WA6}	83	51	72	76	78	76	74	70	64
Housing radiation	L _{WA2}	70	49	66	61	62	63	57	53	49

MPC 710 D6 T40 150945	
Voltage U _N	400 V 3~
Current I _{max}	7,0 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	235,0 kg
Number of poles	6
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

DATA SHEET

MPC 800 D6 T40 | 150960



- Motor outside of air stream
- Galvanized sheet steel double wall casing
- Speed controllable
- Bottom pan with drain
- 30 mm insulation
- Frequency converter with 400V 3~ input and 400V 3~ output

— ErP compliant range

Operating Point		1	2	3	4	5
Current I	A	5,5	7,0	9,4	8,7	7,3
Power consumption P _i	W	1632	3013	4677	4226	3164
Rotation speed n	1/min	976	980	968	973	981
SWL inlet L _{WA5}	dB(A)	85	86	87	88	89
SWL outlet L _{WA6}	dB(A)	88	89	90	92	93
SWL housing break out L _{WA2}	dB(A)	77	77	78	80	81

Sound power (L _W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L _{WA5}	87	56	75	77	77	82	81	74	68
Outlet	L _{WA6}	90	55	73	80	84	85	85	78	67
Housing radiation	L _{WA2}	78	54	68	70	71	74	69	61	54

MPC 800 D6 T40 150960	
Voltage U _N	400 V 3~
Current I _{max}	9,9 A
Ambient temperature t _A	60 °C
Conveyed medium temperature t _M	120 °C
Speed Control	f
Motor protection	-
Insulation class motor	F
Weight	241,0 kg
Number of poles	6
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C