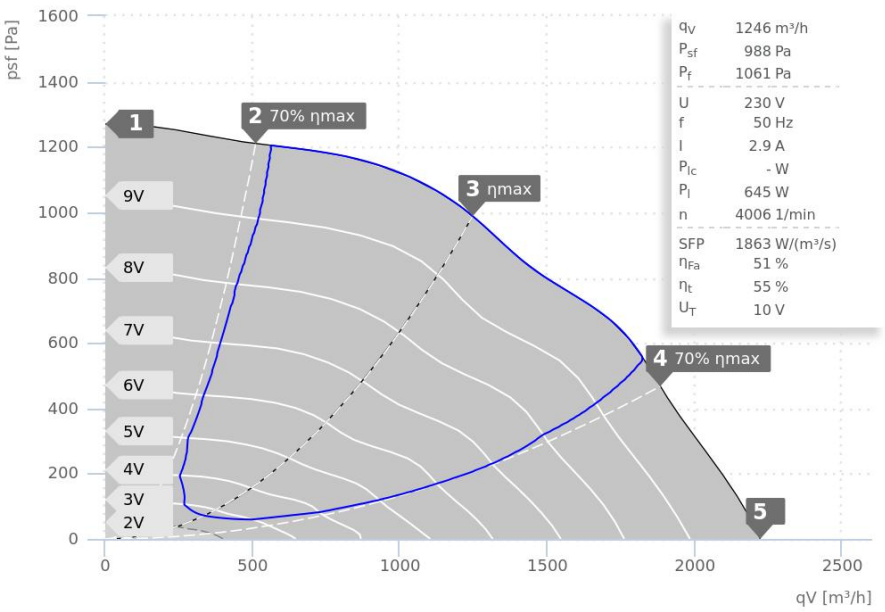
DATA SHEET

MPS 225 EC 30 | 143071



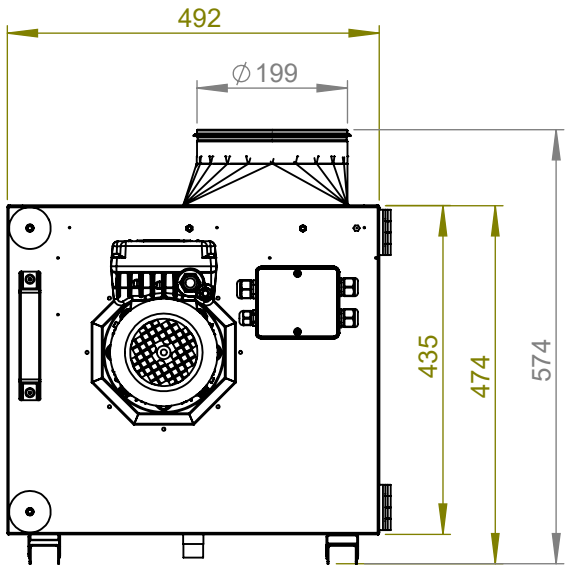
— **ErP compliant range**

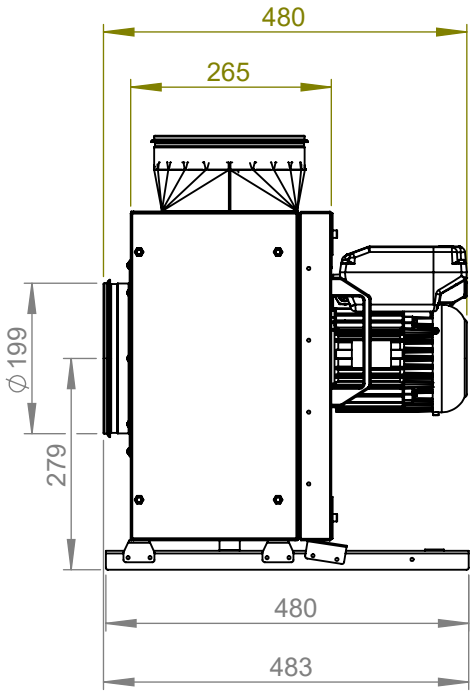
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

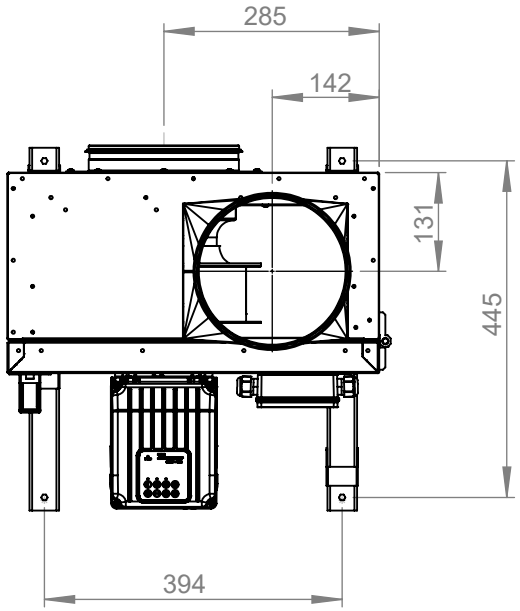
		Operating Point	1	2	3	4	5
Current I	A		1,4	2,1	2,9	2,9	2,6
Power consumption P_1	W		297	473	645	654	571
Rotation speed n	1/min		3995	4007	4006	4006	4005
SWL inlet L_{WA5}	dB(A)		86	85	85	87	89
SWL outlet L_{WA6}	dB(A)		87	86	85	88	90
SWL housing break out L_{WA2}	dB(A)		81	80	80	80	80

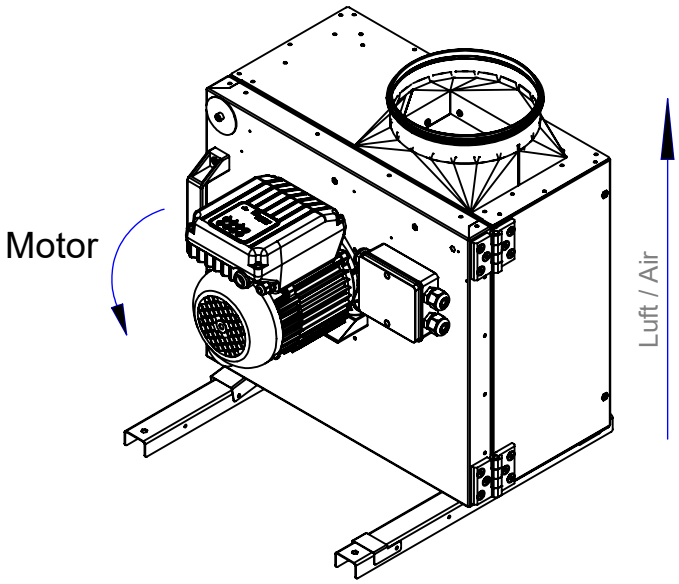
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	85	51	68	70	82	78	78	74	67
Outlet	L_{WA6}	85	49	69	70	80	78	80	75	68
Housing radiation	L_{WA2}	80	53	63	63	68	72	77	72	67

MPS 225 EC 30 | 143071	
Voltage U_N	230 V 1~
Current I_{max}	3,2 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	28,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:10 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

Created	a.mezei	20.02.2018
Drawn	a.mezei	20.02.2018
Released	v.brand	16.09.2019
Disabled		

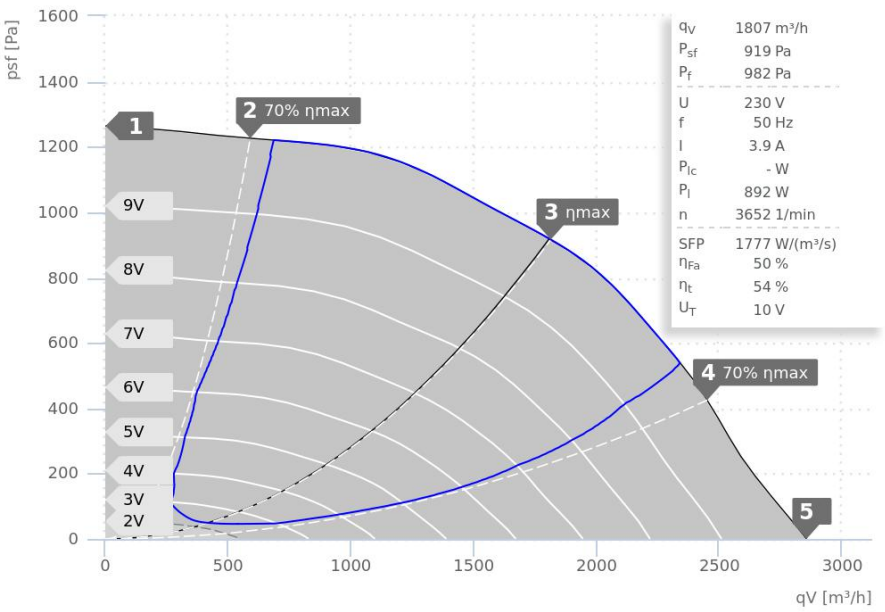
MPS225EC30

143071 01

VENTAS VENTILATOREN

DATA SHEET

MPS 250 EC 30 | 143072



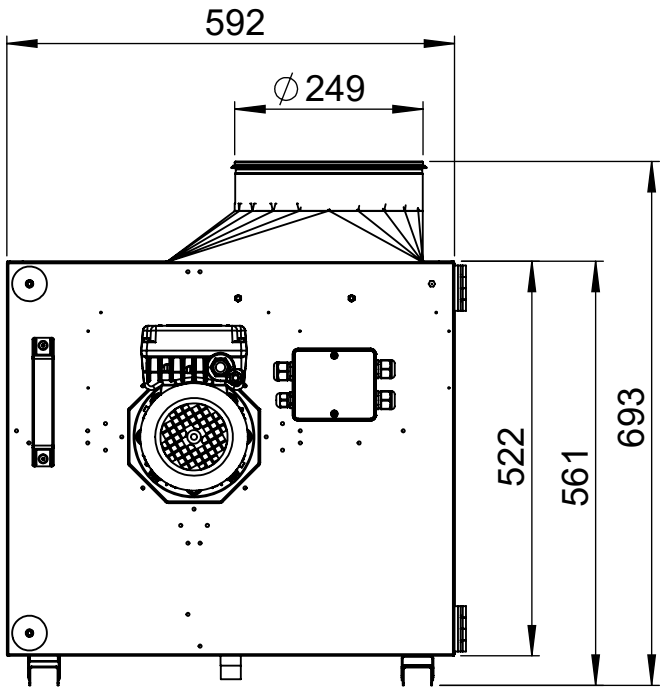
— **ErP compliant range**

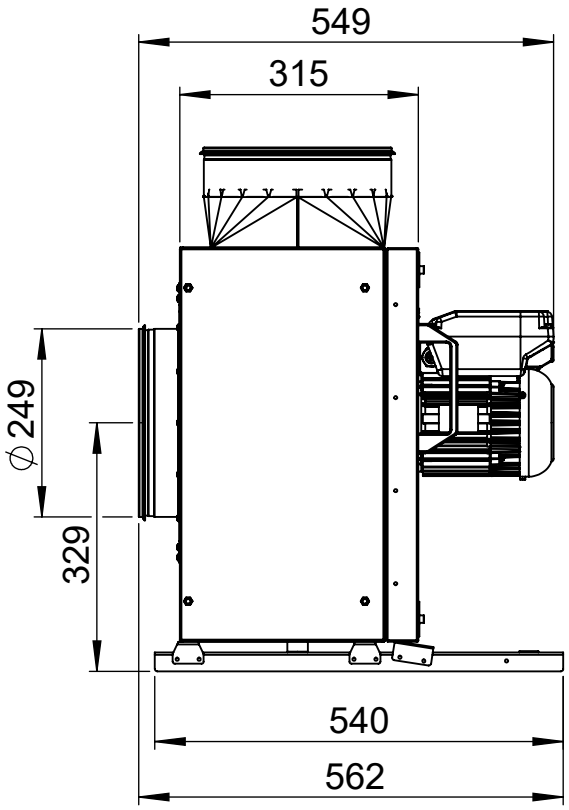
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

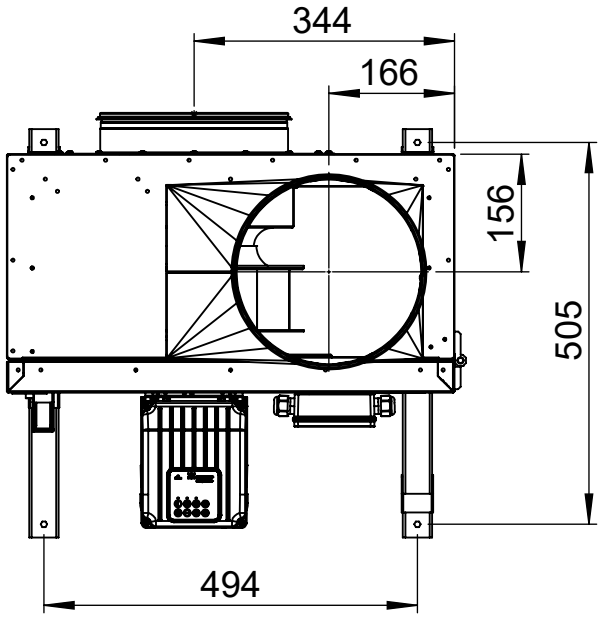
		Operating Point	1	2	3	4	5
Current I	A		1,6	2,5	3,9	3,5	3,0
Power consumption P_1	W		341	565	892	791	680
Rotation speed n	1/min		3645	3652	3651	3651	3650
SWL inlet L_{WA5}	dB(A)		87	86	86	90	91
SWL outlet L_{WA6}	dB(A)		89	88	86	89	90
SWL housing break out L_{WA2}	dB(A)		80	80	78	79	80

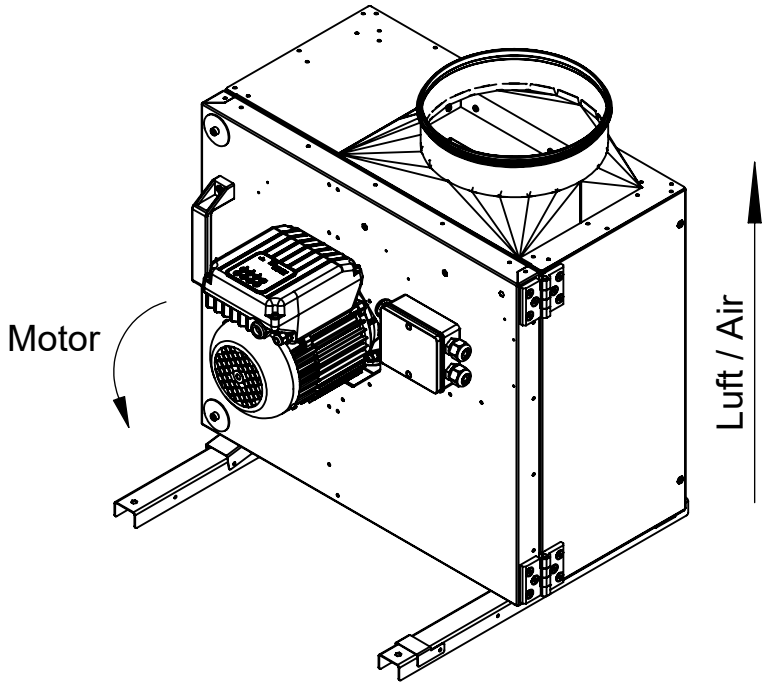
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	86	50	67	75	84	77	78	75	72
Outlet	L_{WA6}	86	51	66	78	79	79	81	77	72
Housing radiation	L_{WA2}	78	51	66	68	67	71	75	70	65

MPS 250 EC 30 | 143072	
Voltage U_N	230 V 1~
Current I_{max}	4,2 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	36,4 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C









ruck VENTILATOREN

ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:10 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

Created	a.mezei	20.02.2018
Drawn	a.mezei	20.02.2018
Released	v.brand	18.09.2019
Disabled		

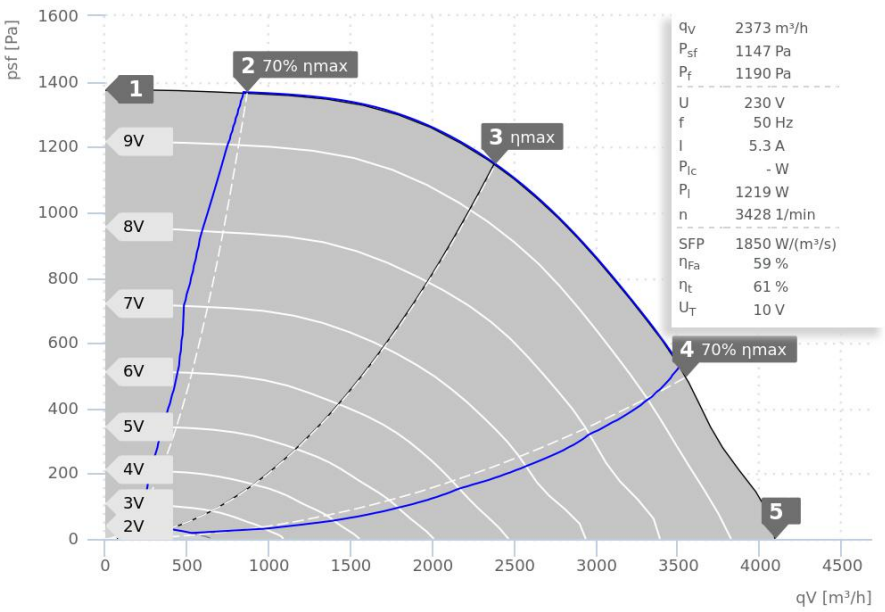
MPS250EC30

143072 01

VENTAS VENTILATORER

DATA SHEET

MPS 280 EC 20 | 136074



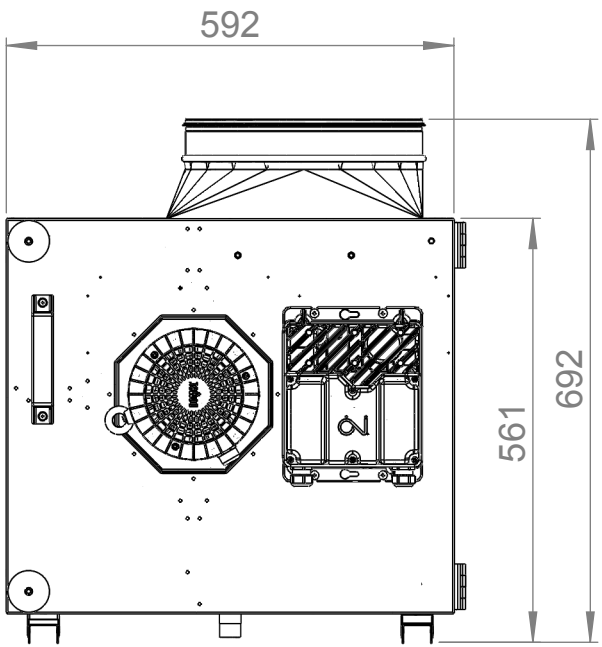
— **ErP compliant range**

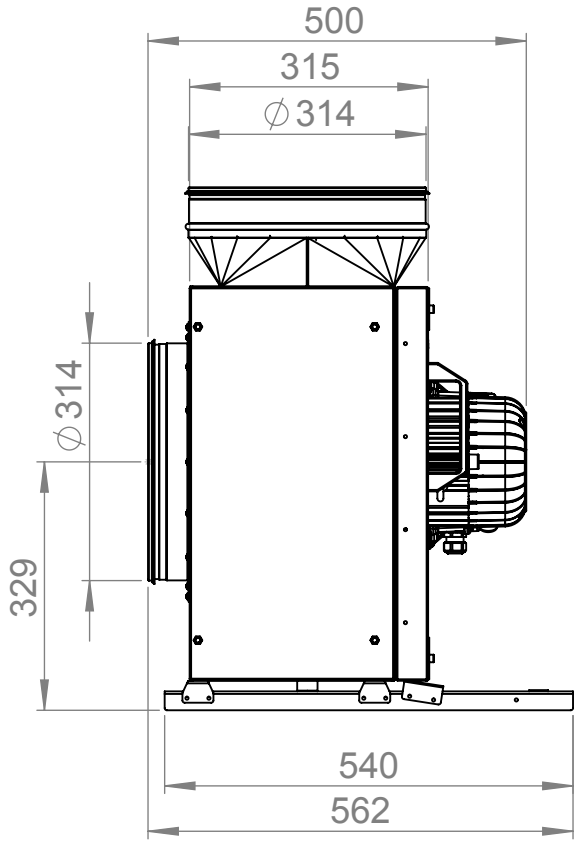
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

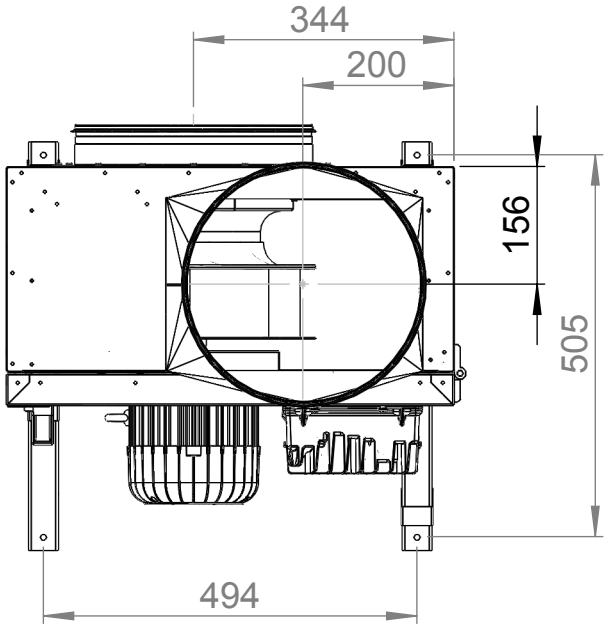
		Operating Point	1	2	3	4	5
Current I	A		2,0	3,4	5,4	4,9	3,9
Power consumption P_1	W		445	767	1225	1118	885
Rotation speed n	1/min		3423	3433	3432	3427	3429
SWL inlet L_{WA5}	dB(A)		88	87	88	91	93
SWL outlet L_{WA6}	dB(A)		91	90	88	91	93
SWL housing break out L_{WA2}	dB(A)		79	78	77	78	78

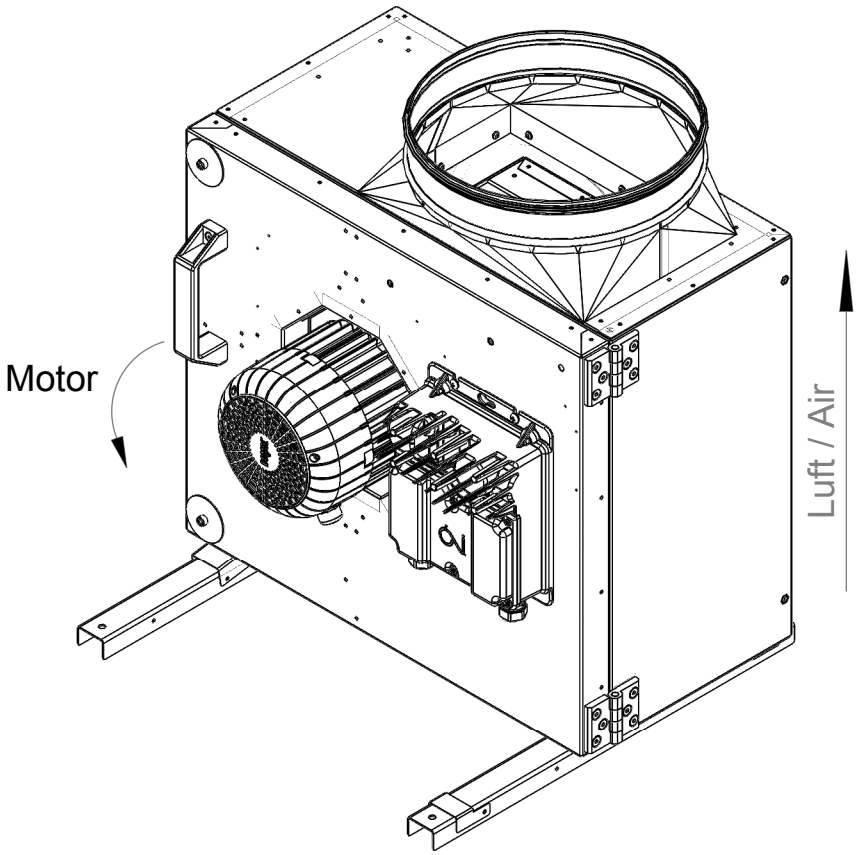
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	88	48	66	72	86	80	78	75	70
Outlet	L_{WA6}	88	48	65	75	83	81	82	79	73
Housing radiation	L_{WA2}	77	53	63	68	70	71	72	67	60

MPS 280 EC 20 | 136074	
Voltage U_N	230 V 1~
Current I_{max}	5,7 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	38,1 kg
Number of poles	-
IP motor	IP54
IP terminal box	IP54
IP complete unit	IPX4
Min. operating temperature	-10 °C









ruck VENTILATOREN

ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:10 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-mK

Drawn: s.pop 21.01.16

Created: s.pop 21.01.16

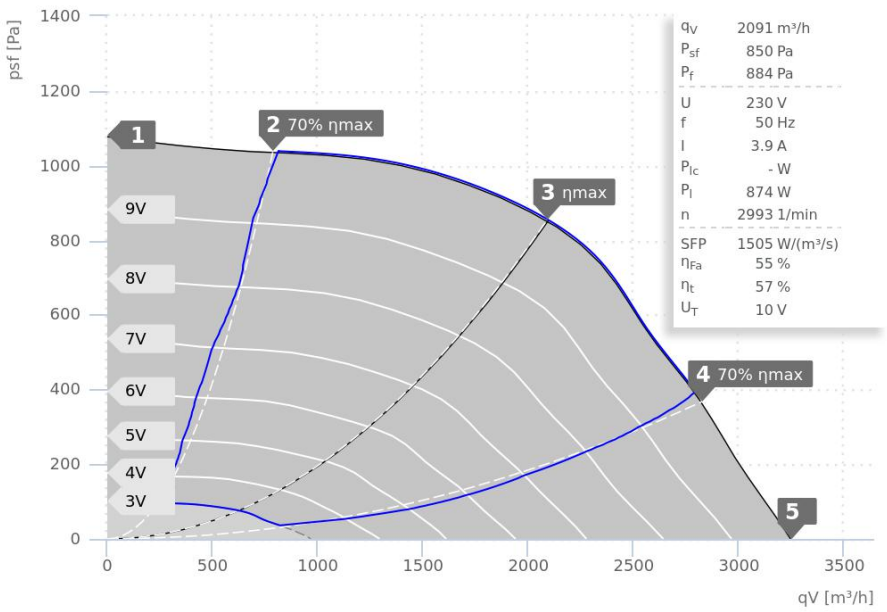
MPS280EC20+

136074 01

VENTAS VENTILATORER

DATA SHEET

MPS 280 EC 30 | 143073



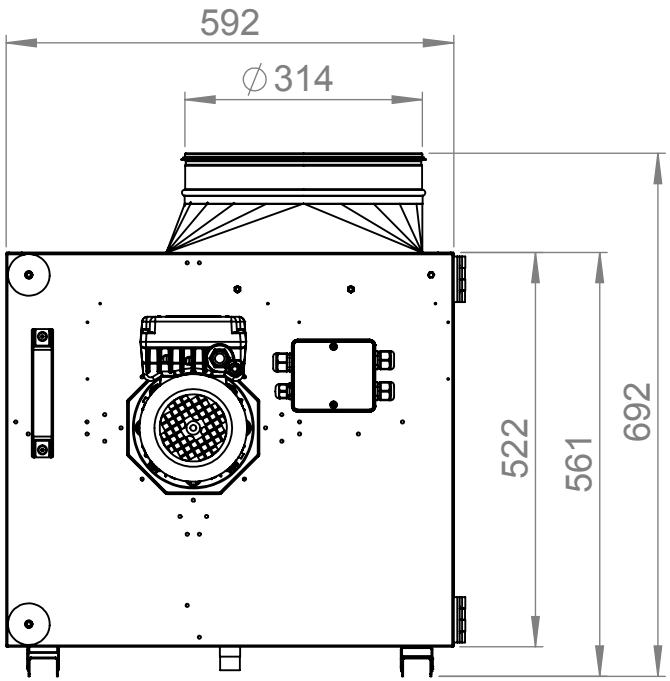
— **ErP compliant range**

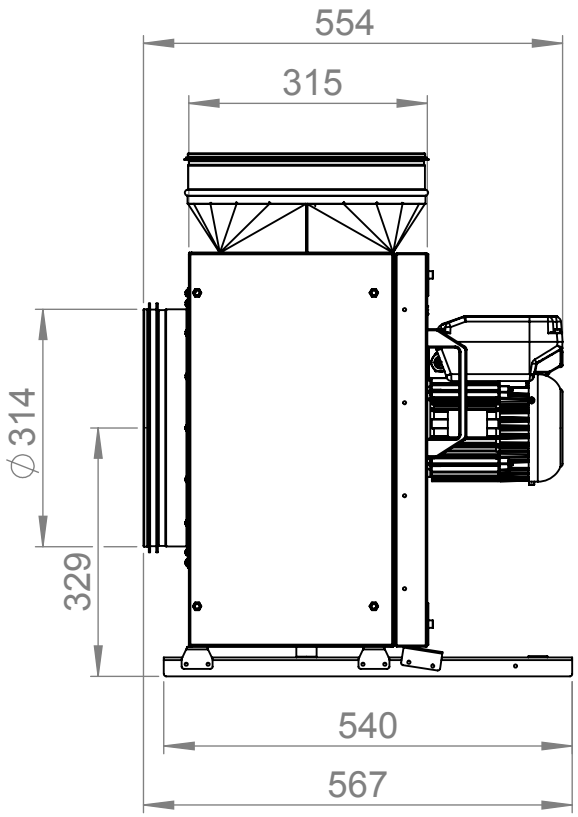
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

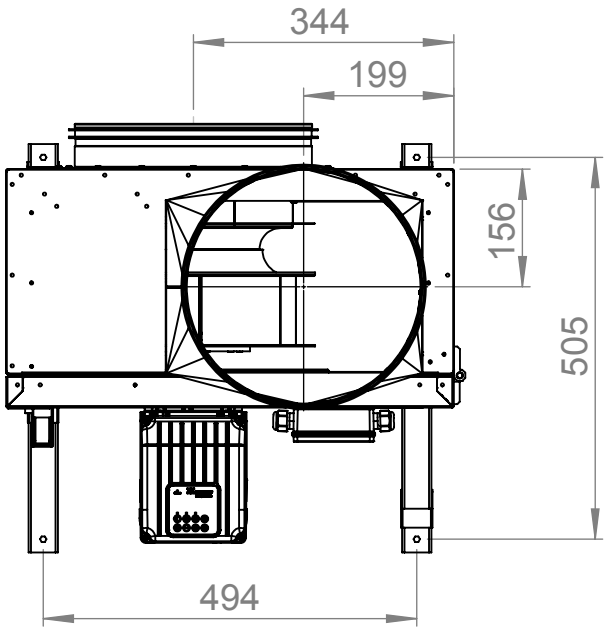
Operating Point		1	2	3	4	5
Current I	A	1,5	2,6	3,9	3,2	2,6
Power consumption P_1	W	328	587	879	728	570
Rotation speed n	1/min	2998	3001	2999	3000	3000
SWL inlet L_{WA5}	dB(A)	85	84	83	86	88
SWL outlet L_{WA6}	dB(A)	87	87	86	90	92
SWL housing break out L_{WA2}	dB(A)	75	75	74	74	75

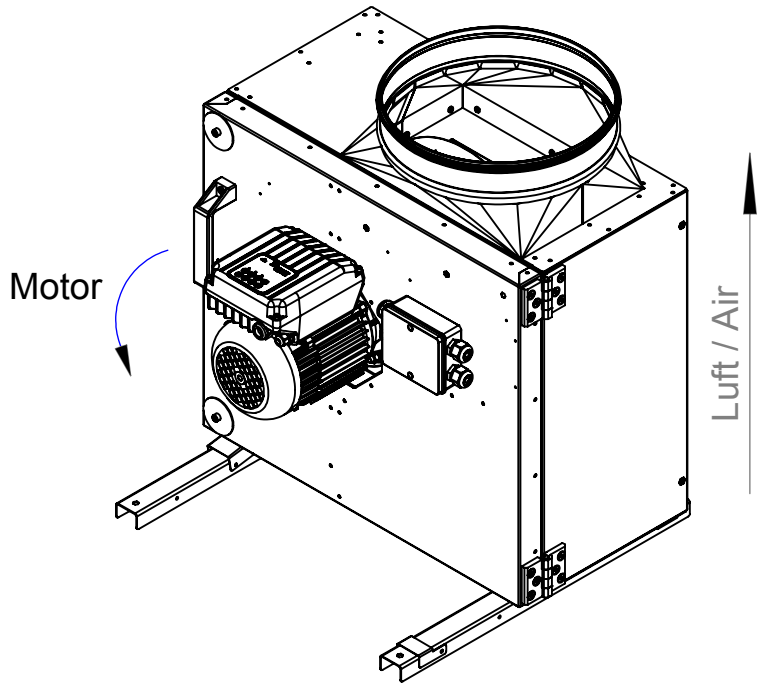
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	83	53	61	76	78	76	75	72	66
Outlet	L_{WA6}	86	59	65	82	79	79	79	75	68
Housing radiation	L_{WA2}	74	58	56	63	61	67	70	64	58

MPS 280 EC 30 | 143073	
Voltage U_N	230 V 1~
Current I_{max}	4,1 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	37,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:10 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

Created	a.mezei	20.02.2018
Drawn	a.mezei	20.02.2018
Released	v.brand	18.09.2019
Disabled		

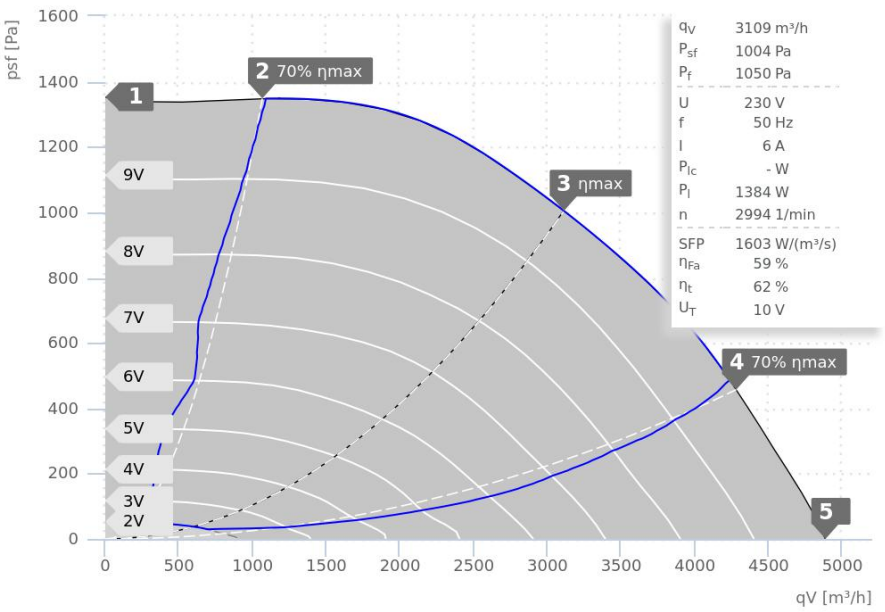
MPS280EC30

143073 01

VENTAS VENTILATORER

DATA SHEET

MPS 315 EC 21 | 139638



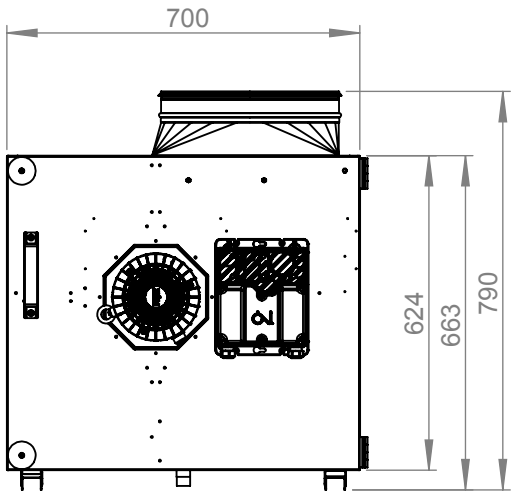
— **ErP compliant range**

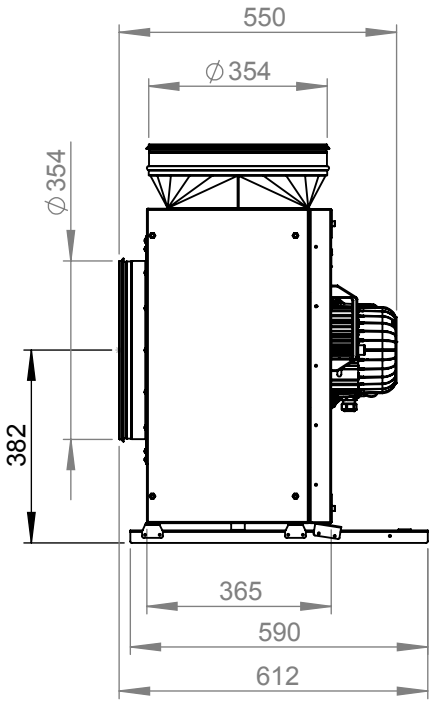
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

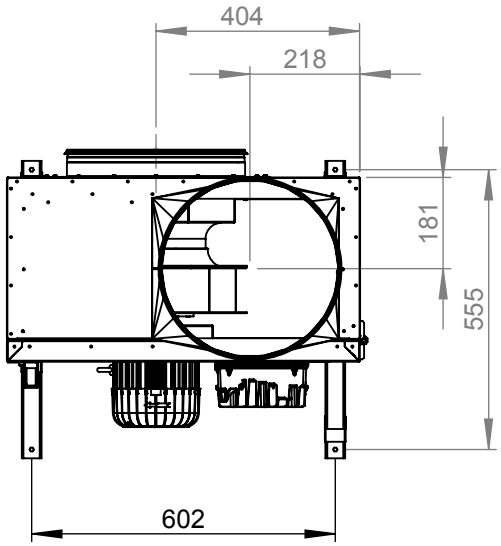
		Operating Point	1	2	3	4	5
Current I	A		2,1	4,0	6,0	5,3	4,3
Power consumption P_1	W		471	919	1385	1223	974
Rotation speed n	1/min		3043	3046	2995	3043	3045
SWL inlet L_{WA5}	dB(A)		88	86	85	91	92
SWL outlet L_{WA6}	dB(A)		90	88	85	89	91
SWL housing break out L_{WA2}	dB(A)		78	77	74	76	78

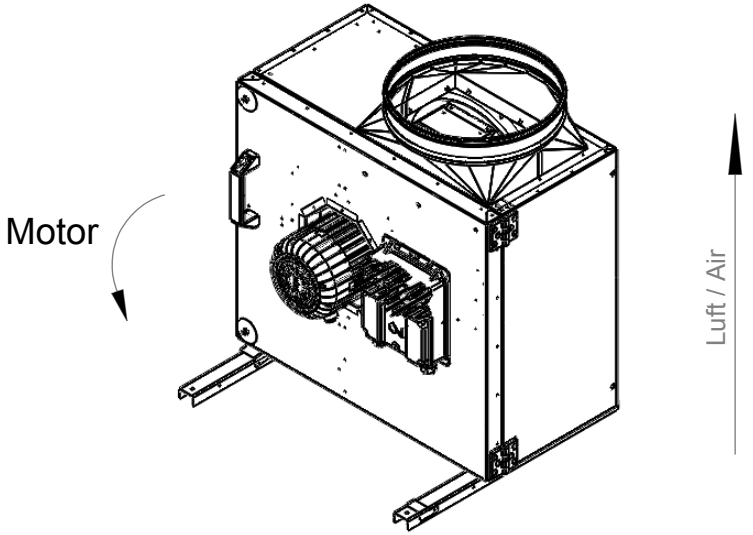
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	85	54	59	82	80	76	75	72	67
Outlet	L_{WA6}	85	54	61	79	77	80	79	74	69
Housing radiation	L_{WA2}	74	54	62	68	67	67	68	63	57

MPS 315 EC 21 | 139638	
Voltage U_N	230 V 1~
Current I_{max}	6,3 A
Ambient temperature t_A	45 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	49,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-10 °C









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:15 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

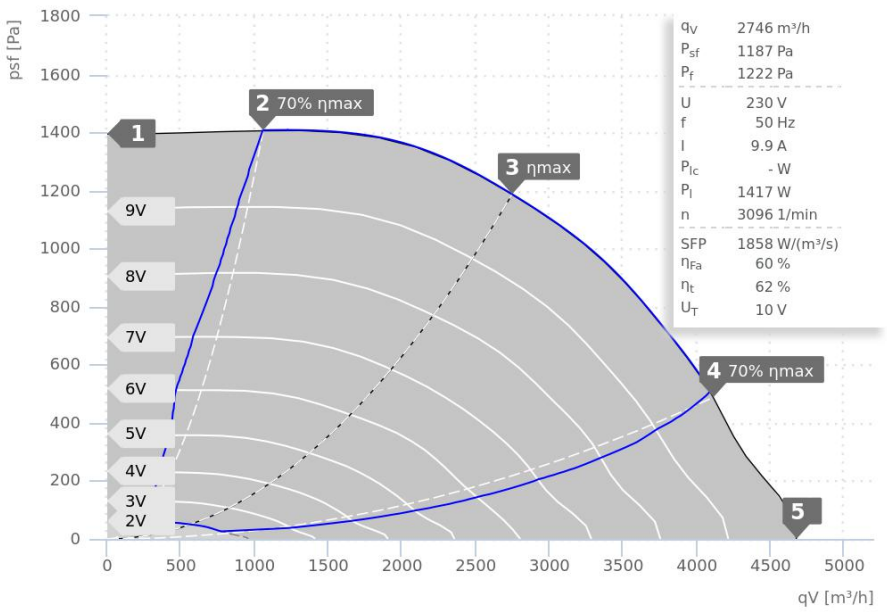
MPS315EC21

Drawn: s.pop 18.04.17
Created: s.pop 18.04.17
Changed:

139638 00

DATA SHEET

MPS 315 EC 30 | 149313



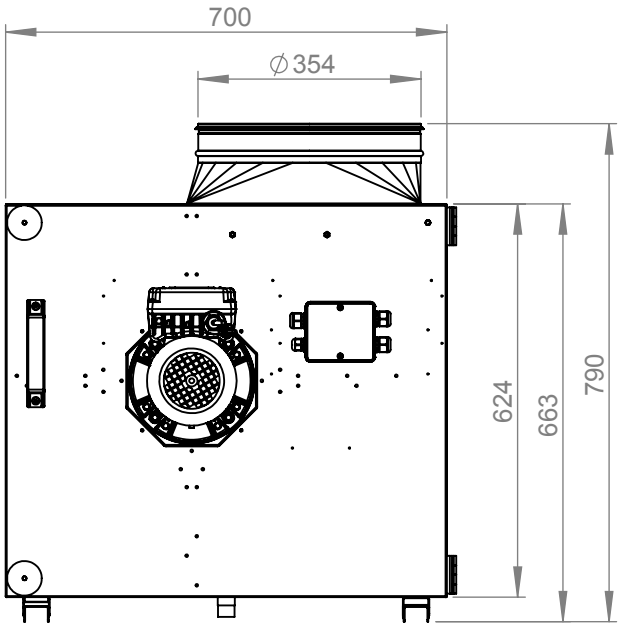
— **ErP compliant range**

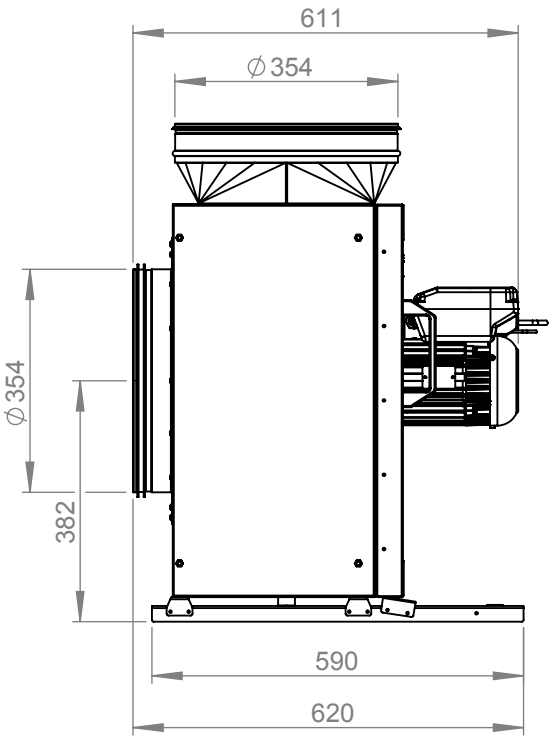
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

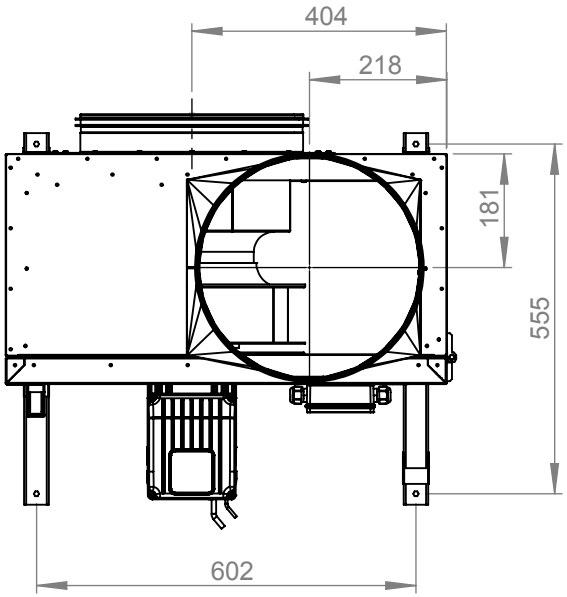
Operating Point		1	2	3	4	5
Current I	A	3,8	6,8	9,9	8,6	6,9
Power consumption P_1	W	502	943	1417	1229	962
Rotation speed n	1/min	3088	3099	3096	3095	3096
SWL inlet L_{WA5}	dB(A)	89	88	87	92	94
SWL outlet L_{WA6}	dB(A)	91	90	89	91	94
SWL housing break out L_{WA2}	dB(A)	78	77	75	76	77

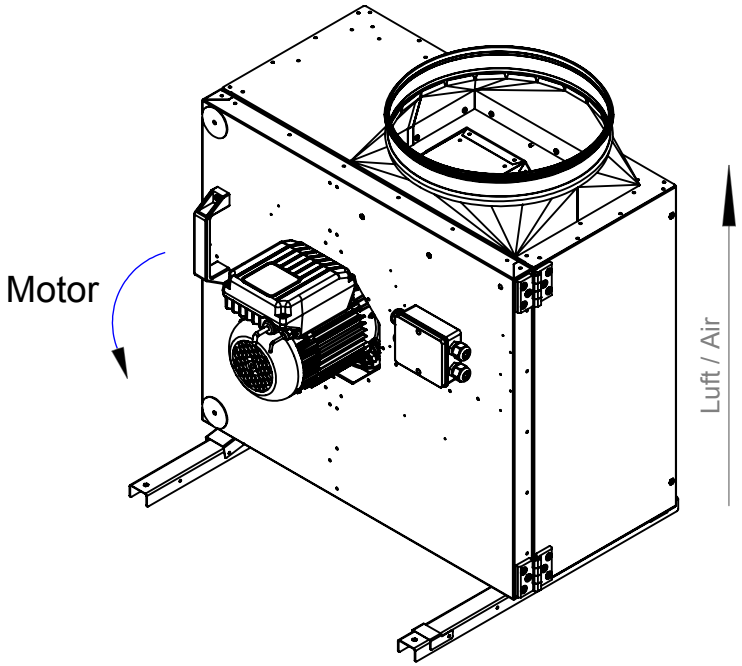
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	87	51	62	80	82	79	80	79	73
Outlet	L_{WA6}	89	55	64	79	80	83	83	80	74
Housing radiation	L_{WA2}	75	49	57	65	66	68	71	66	59

MPS 315 EC 30 | 149313	
Voltage U_N	230 V 1~
Current I_{max}	10,7 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	50,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:12 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

Created	s.pop	24.10.2018
Drawn	s.pop	24.10.2018
Released	v.brand	18.09.2019
Disabled		

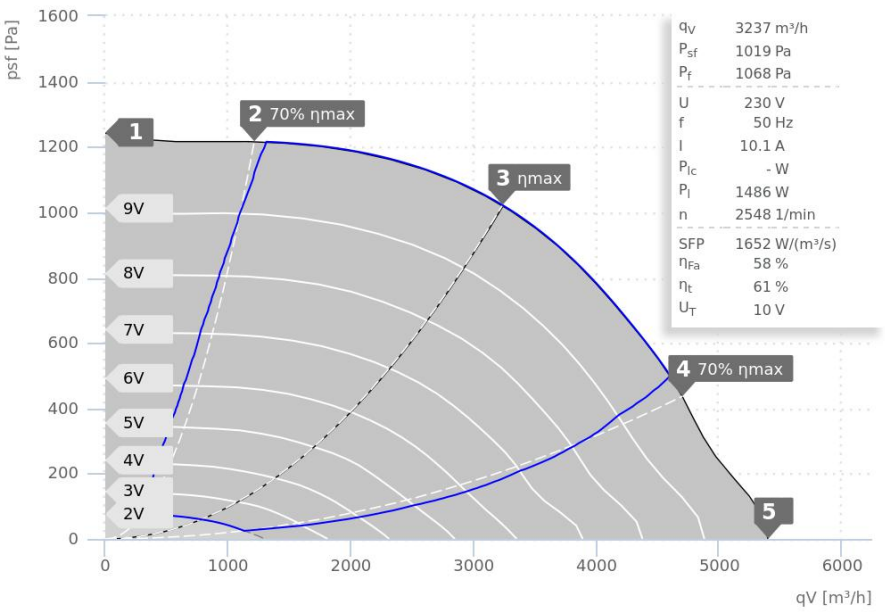
MPS315EC30

149313 00

VENTAS VENTILATORER

DATA SHEET

MPS 355 EC 30 | 149316



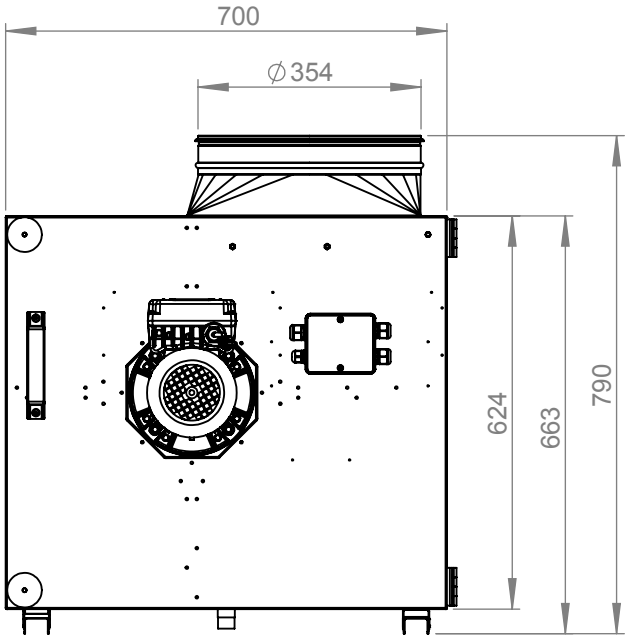
— **ErP compliant range**

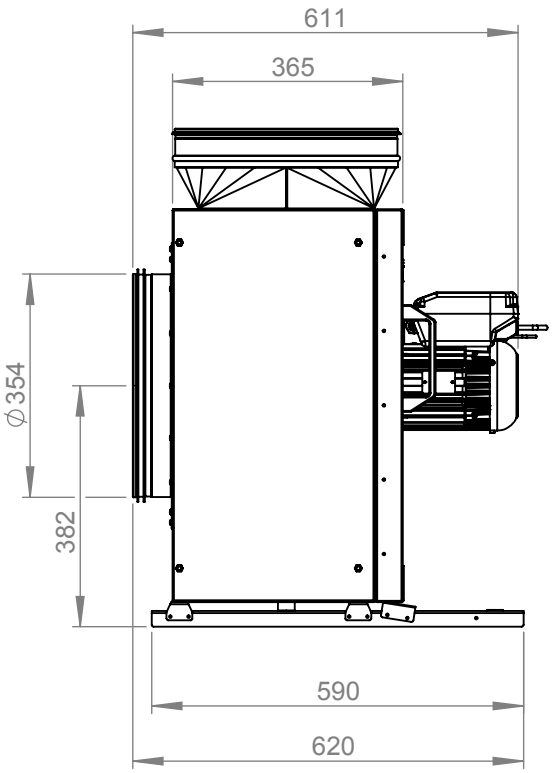
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

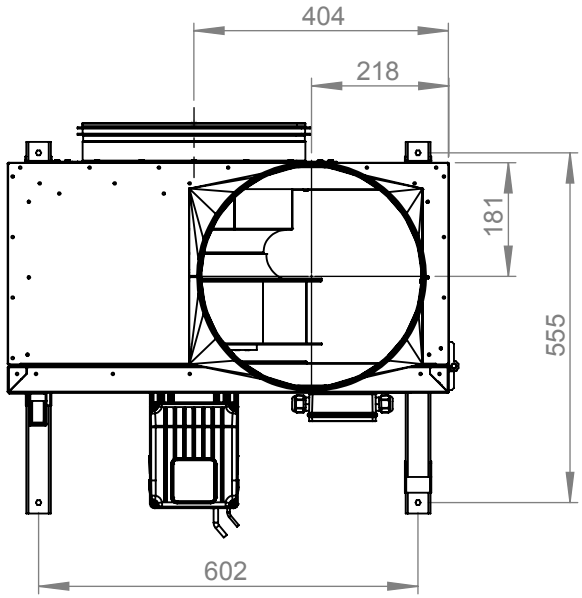
		Operating Point	1	2	3	4	5
Current I	A		3,8	6,8	10,1	9,0	7,4
Power consumption P_1	W		522	960	1488	1317	1048
Rotation speed n	1/min		2546	2550	2550	2547	2547
SWL inlet L_{WA5}	dB(A)		88	87	87	91	93
SWL outlet L_{WA6}	dB(A)		89	89	89	91	93
SWL housing break out L_{WA2}	dB(A)		76	74	72	74	76

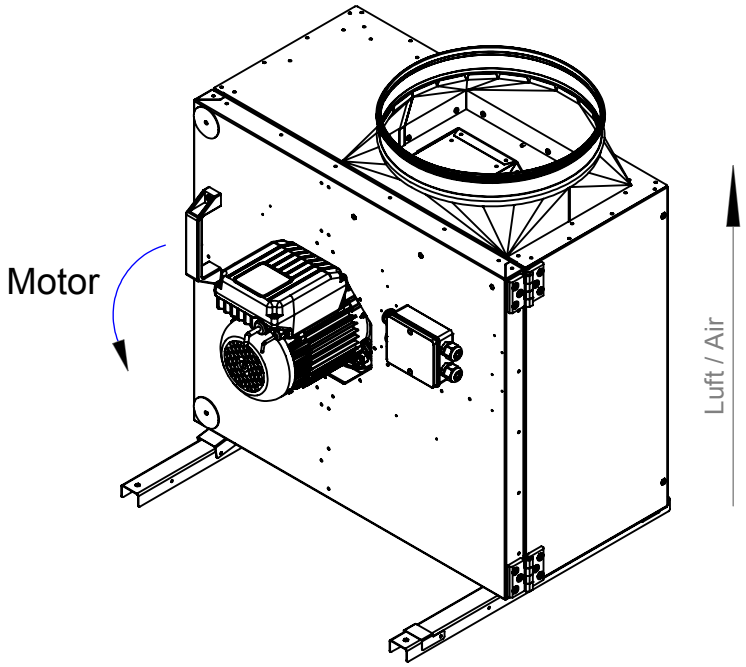
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	87	48	63	81	79	79	81	80	75
Outlet	L_{WA6}	89	49	62	83	78	82	83	80	74
Housing radiation	L_{WA2}	72	45	55	66	60	67	67	61	54

MPS 355 EC 30 | 149316	
Voltage U_N	230 V 1~
Current I_{max}	10,7 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	54,7 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:12 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

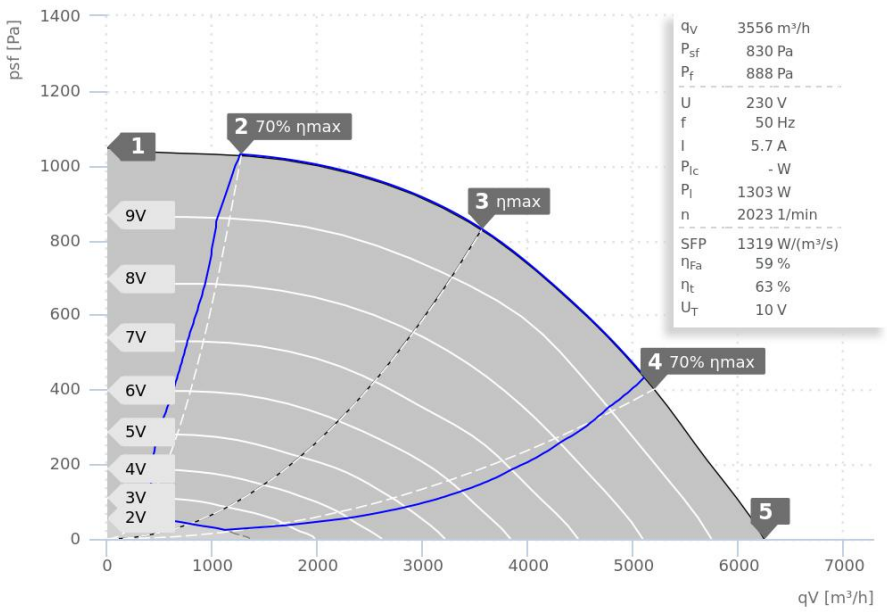
Created	s.pop	24.10.2018
Drawn	s.pop	24.10.2018
Released	v.brand	18.09.2019
Disabled		

MPS355EC30

149316 00

DATA SHEET

MPS 400 EC 21 | 139717



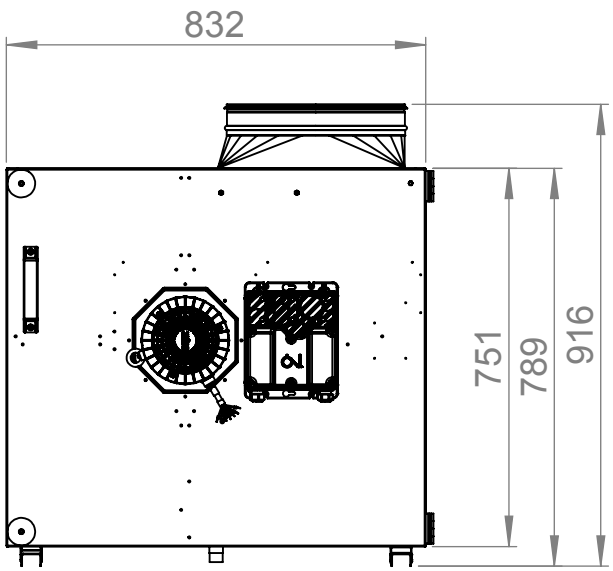
— **ErP compliant range**

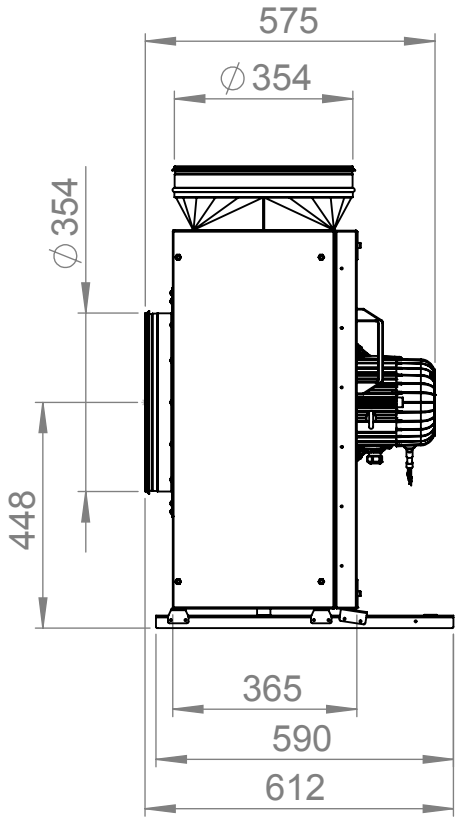
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

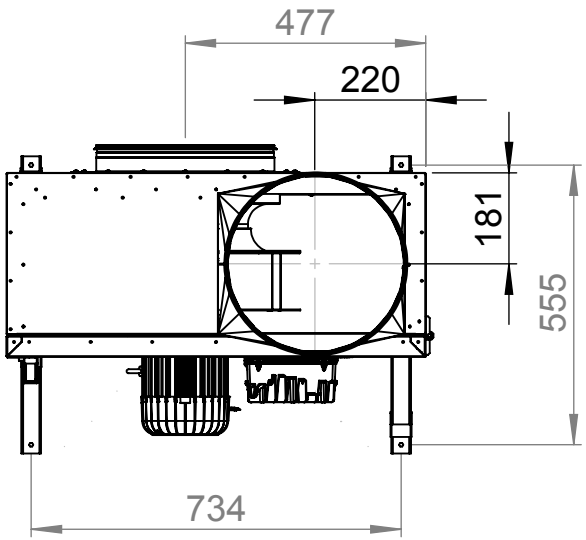
		Operating Point	1	2	3	4	5
Current I	A		2,0	3,7	5,7	5,7	4,8
Power consumption P_1	W		458	836	1309	1318	1108
Rotation speed n	1/min		2058	2063	2026	2026	2051
SWL inlet L_{WA5}	dB(A)		84	82	81	86	88
SWL outlet L_{WA6}	dB(A)		85	84	83	86	89
SWL housing break out L_{WA2}	dB(A)		75	74	74	77	78

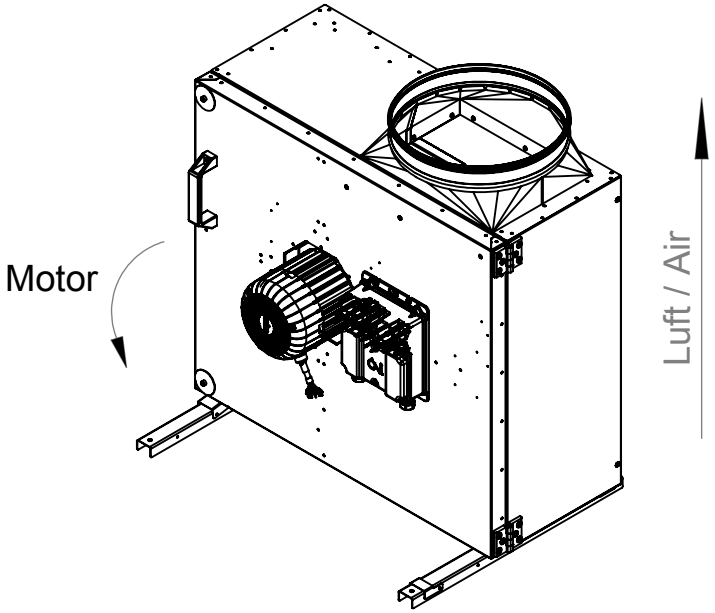
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	81	46	64	76	75	74	72	71	65
Outlet	L_{WA6}	83	52	64	77	75	77	76	73	66
Housing radiation	L_{WA2}	74	54	63	73	58	60	60	55	52

MPS 400 EC 21 | 139717	
Voltage U_N	230 V 1~
Current I_{max}	6,1 A
Ambient temperature t_A	45 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	64,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-10 °C









ruck VENTILATOREN

ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:15 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

MPS400EC21

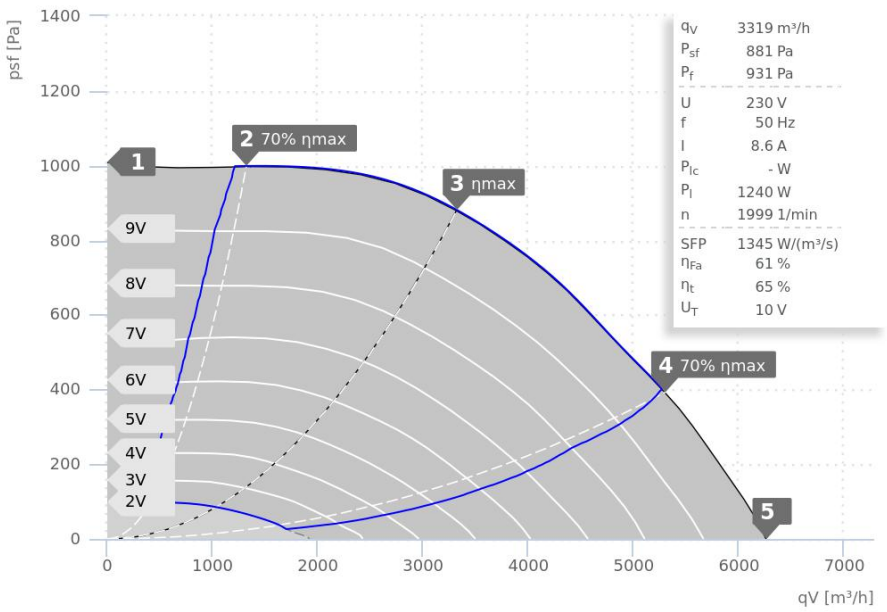
Drawn:	s.pop	19.04.17
Created:	s.pop	19.04.17
Changed:		

139717 00

VENTAS VENTILATORER

DATA SHEET

MPS 400 EC 30 | 149318



— **ErP compliant range**

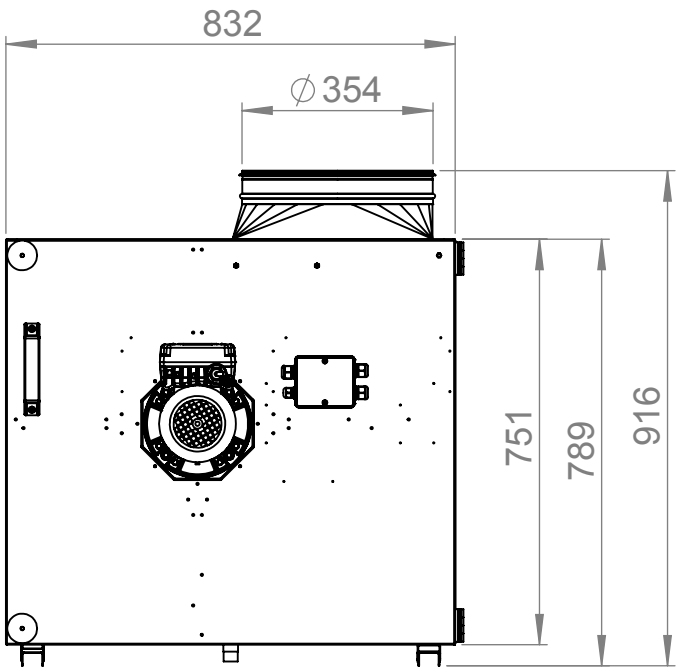
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

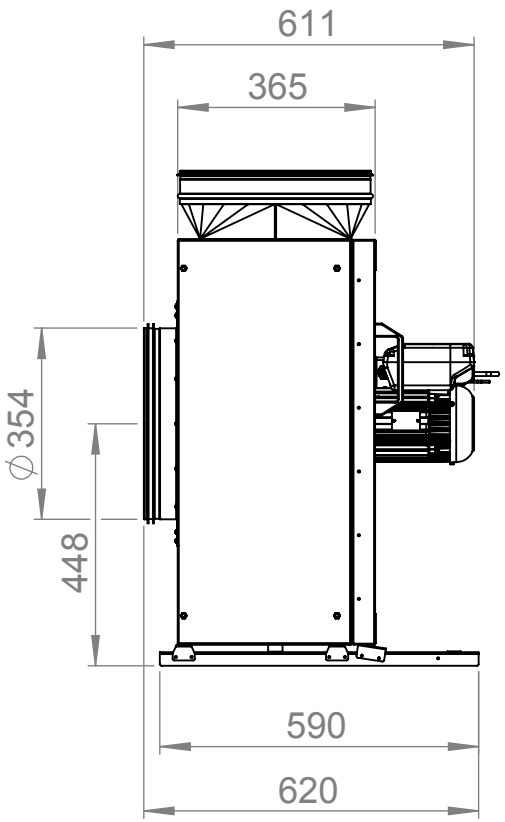
Operating Point		1	2	3	4	5
Current I	A	3,3	5,7	8,6	8,8	7,3
Power consumption P_1	W	432	813	1243	1267	1050
Rotation speed n	1/min	1993	2002	2001	2001	2000
SWL inlet L_{WA5}	dB(A)	84	82	81	84	87
SWL outlet L_{WA6}	dB(A)	84	84	83	86	89
SWL housing break out L_{WA2}	dB(A)	74	73	71	74	75

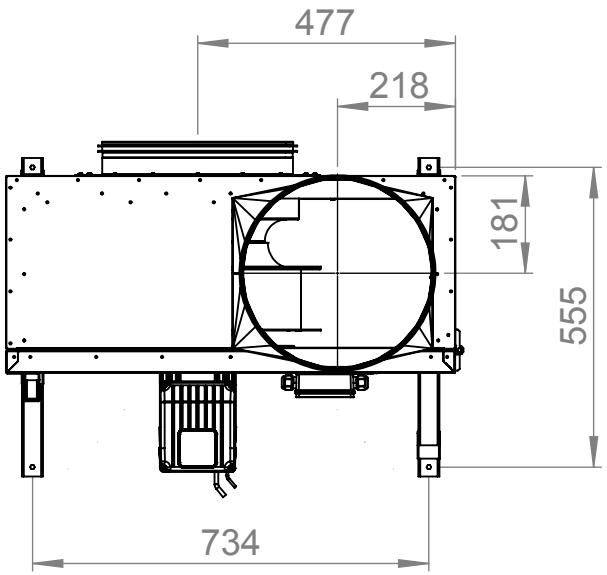
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	81	48	62	74	74	73	74	73	66
Outlet	L_{WA6}	83	50	62	77	74	76	76	73	64
Housing radiation	L_{WA2}	71	44	57	69	61	63	59	55	49

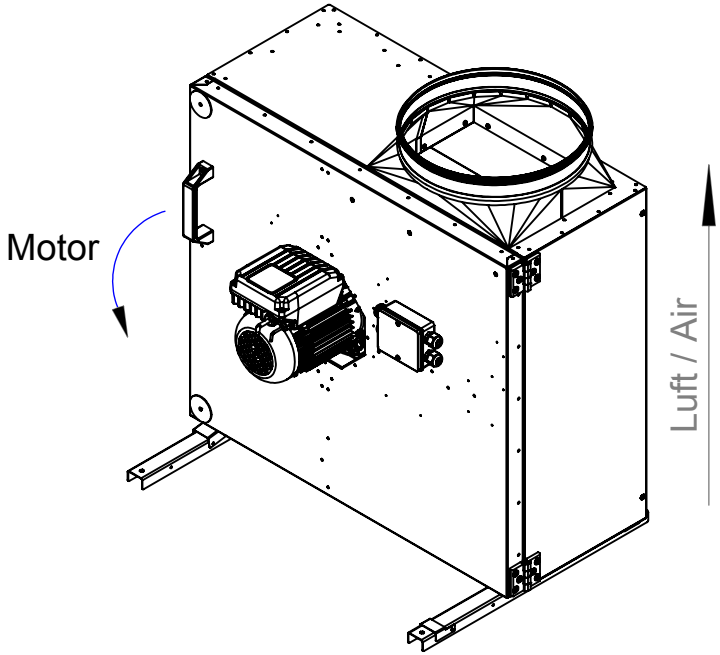
MPS 400 EC 30 | 149318	
Voltage U_N	230 V 1~
Current I_{max}	9,7 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	72,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C

Print 14.03.2022









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:14 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

Created	s.pop	24.10.2018
Drawn	s.pop	24.10.2018
Released	v.brand	18.09.2019
Disabled		

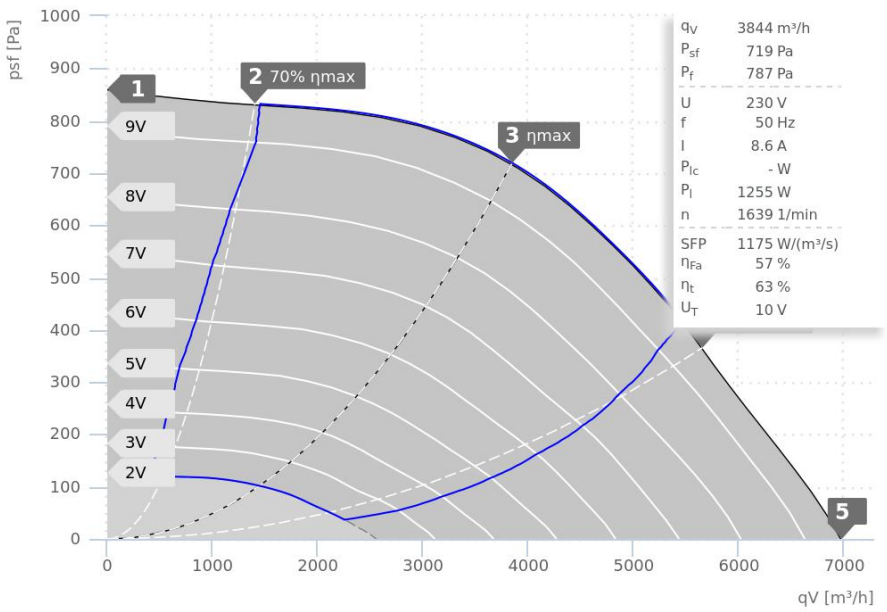
MPS400EC30

149318 00

VENTAS VENTILATOREN

DATA SHEET

MPS 450 EC 30 | 149322



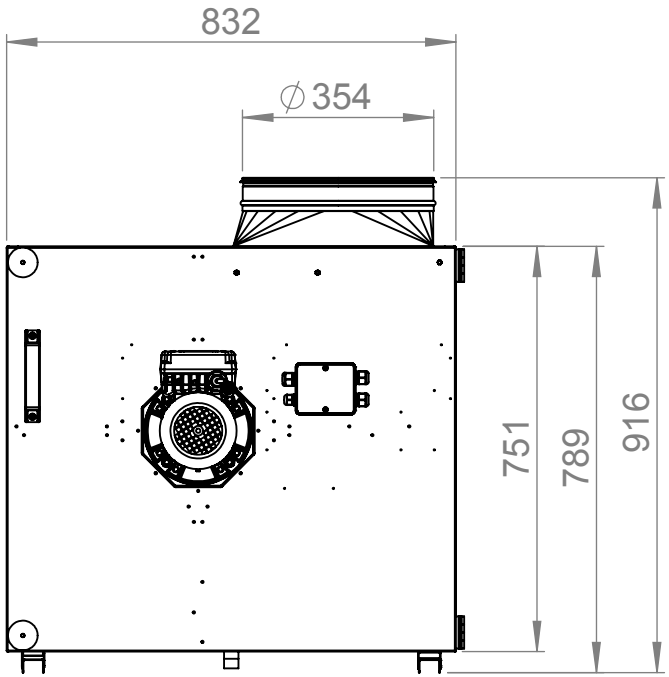
— **ErP compliant range**

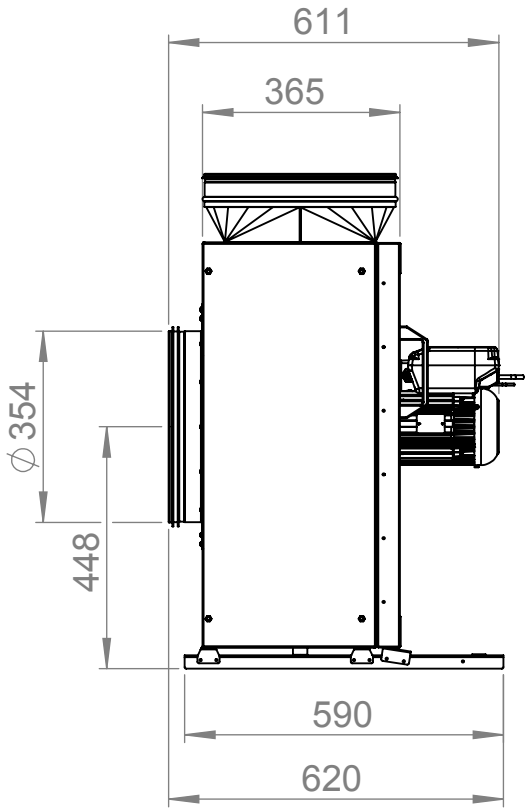
- Max. medium temperature 120ºC
- EC-motor outside of air stream
- Speed controllable
- Galvanized sheet steel double wall casing
- Swing-out fan unit
- With condensate and grease drain

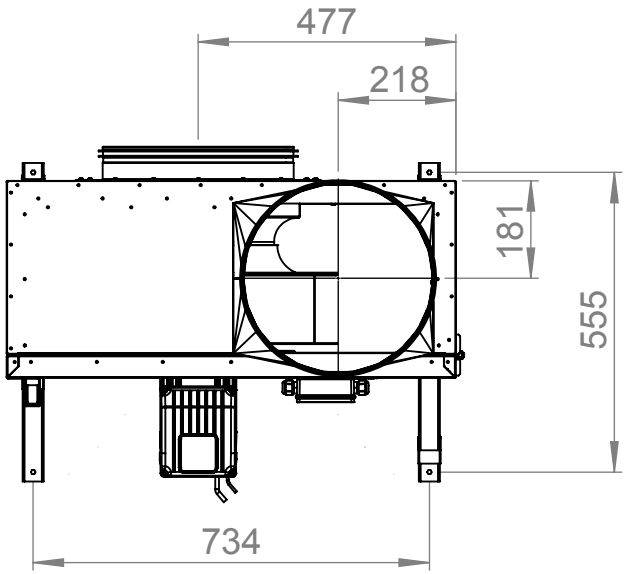
Operating Point		1	2	3	4	5
Current I	A	3,2	5,5	8,7	9,1	8,0
Power consumption P_1	W	422	770	1262	1340	1155
Rotation speed n	1/min	1635	1642	1641	1640	1640
SWL inlet L_{WA5}	dB(A)	83	81	83	85	88
SWL outlet L_{WA6}	dB(A)	84	83	83	86	89
SWL housing break out L_{WA2}	dB(A)	70	70	70	73	75

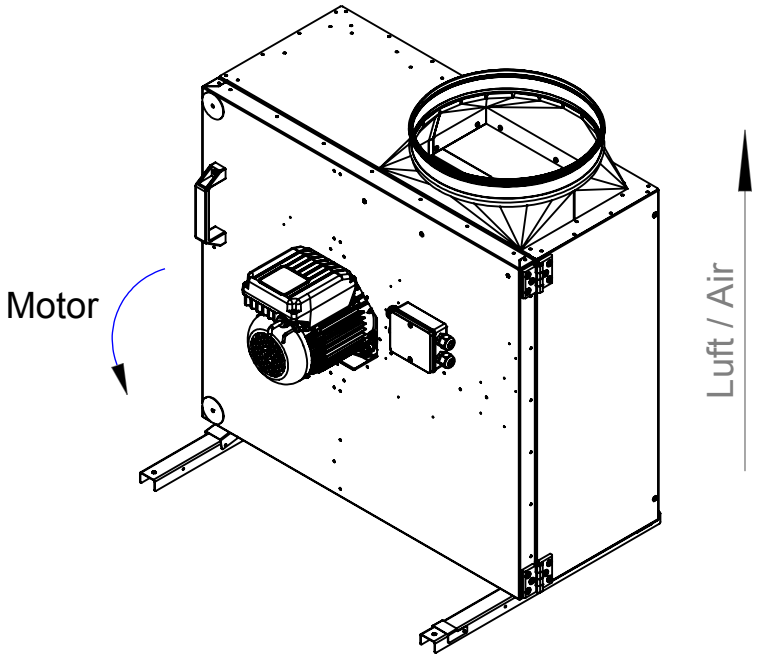
Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	**63**	**125**	**250**	**500**	**1k**	**2k**	**4k**	**8k**
Inlet	L_{WA5}	82	49	65	78	77	75	74	71	63
Outlet	L_{WA6}	83	47	63	78	73	77	76	72	63
Housing radiation	L_{WA2}	70	43	56	68	56	62	57	58	46

MPS 450 EC 30 | 149322	
Voltage U_N	230 V 1~
Current I_{max}	9,7 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	120 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	74,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C









ruck Ventilatoren
Max-Planck-Str. 5
D-97944 Boxberg

1:14 A4 mm

Protection Mark according to ISO16016

General tolerances DIN ISO 2768-c

Created	s.pop	24.10.2018
Drawn	s.pop	24.10.2018
Released	v.brand	18.09.2019
Disabled		

MPS450EC30

149322 00

VENTAS VENTILATORER