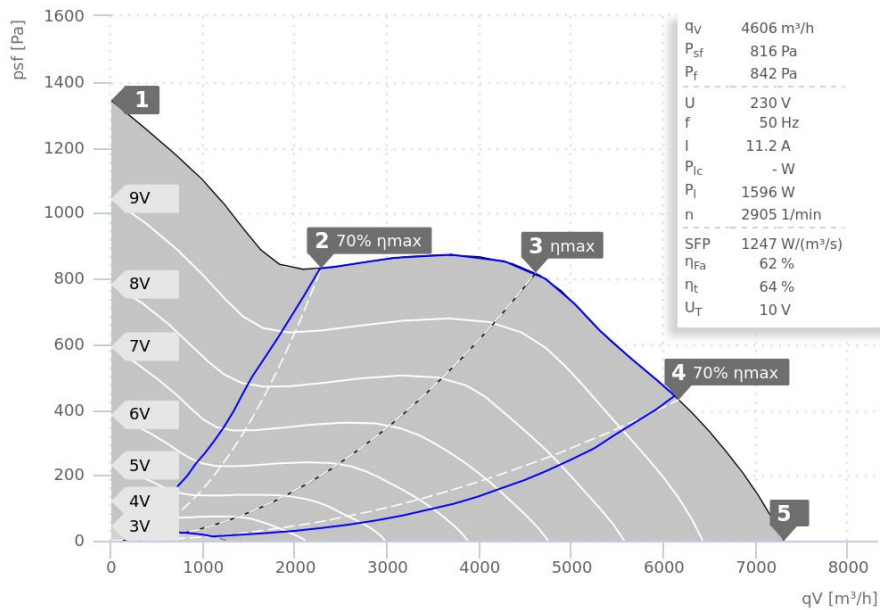


DATA SHEET

ruck.eu
VENTILATOREN

EL 400 EC K 01 | 159288



— ErP compliant range

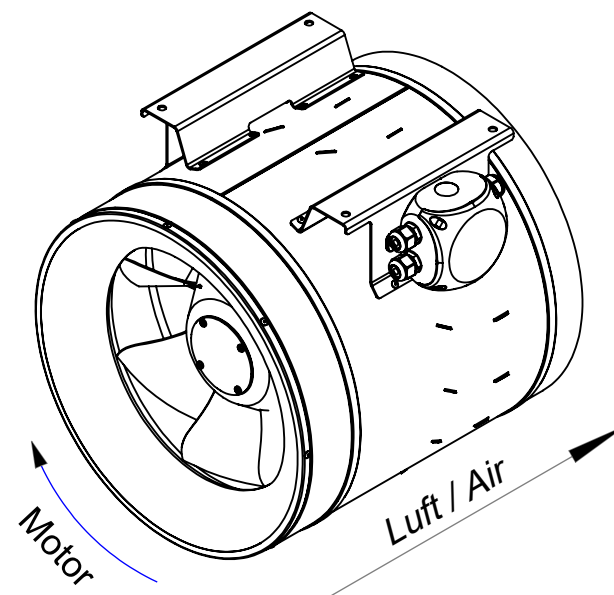
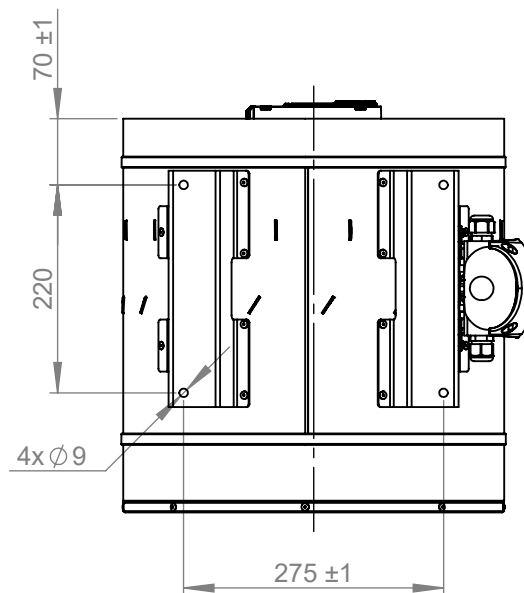
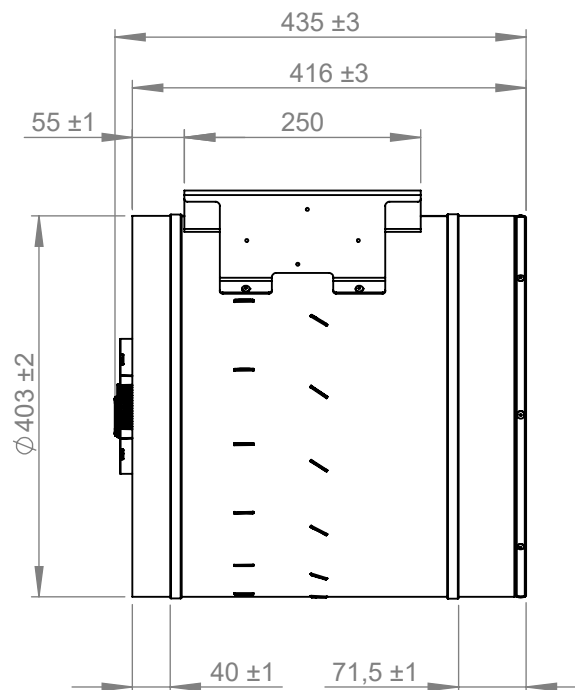
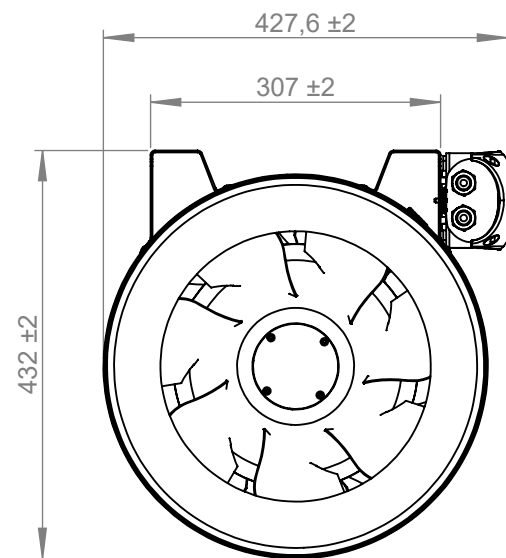


- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor

Operating Point		1	2	3	4	5
Current I	A	10,1	8,3	11,2	11,3	10,5
Power consumption P_l	W	1439	1172	1596	1601	1506
Rotation speed n	1/min	2995	3017	2906	2940	3009
SWL inlet L_{WA5}	dB(A)	95	93	90	89	93
SWL outlet L_{WA6}	dB(A)	100	98	91	94	97
SWL housing break out L_{WA2}	dB(A)	88	87	86	86	88

Sound power (L_W) dB(A)		Medium Frequency Band									
		Σ	63	125	250	500	1k	2k	4k	8k	
Inlet	L_{WA5}	90	57	66	79	83	85	85	80	72	
Outlet	L_{WA6}	91	54	60	79	87	86	84	80	71	
Housing radiation	L_{WA2}	86	62	58	66	84	80	73	71	64	

EL 400 EC K 01 159288	
Voltage U_N	230 V 1~
Current I_{max}	11,8 A
Ambient temperature t_A	40 °C
Conveyed medium temperature t_M	40 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	16,5 kg
Number of poles	-
IP motor	IP55
IP terminal box	IP66
IP complete unit	IPX4
Min. operating temperature	-20 °C



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



Protection Mark
according to ISO 16016

1:8 A4 mm

General tolerances
DIN ISO 2768-c

Created h.sachsenheimer 03.08.2021
Drawn h.sachsenheimer 03.08.2021
Released h.sachsenheimer 08.11.2021
Disabled

EL400ECK01

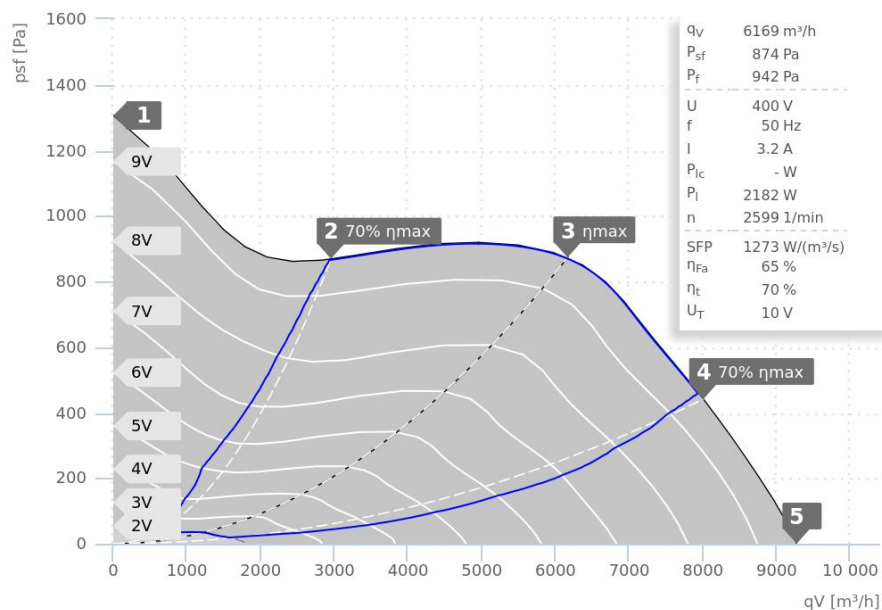
159288 00



DATA SHEET

ruck.eu
VENTILATOREN

EL 450 EC 10 | 139776



— ErP compliant range

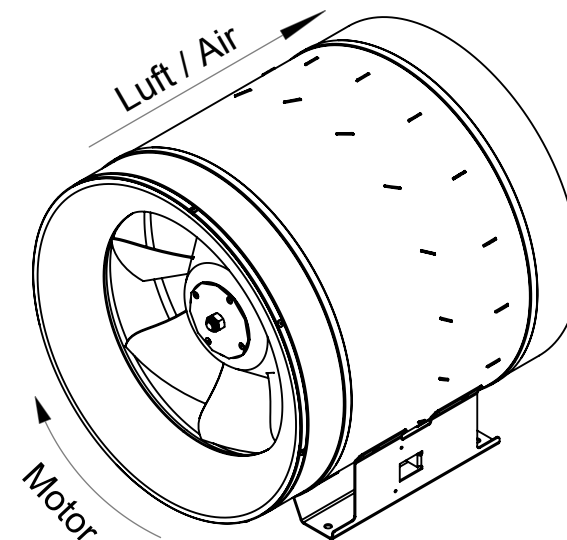
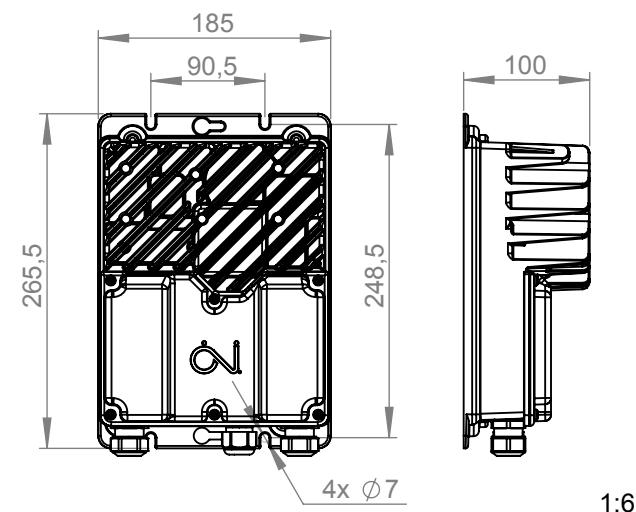
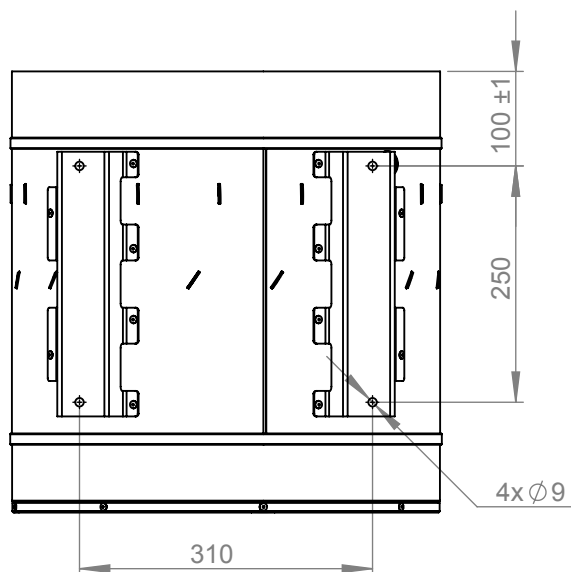
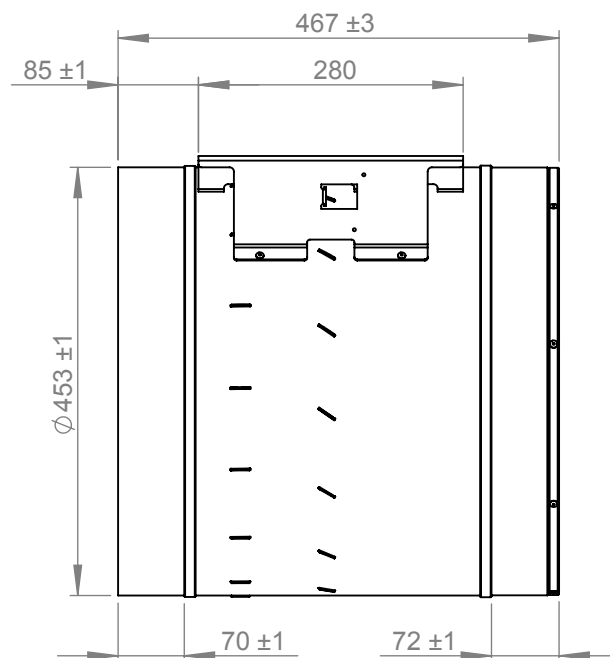
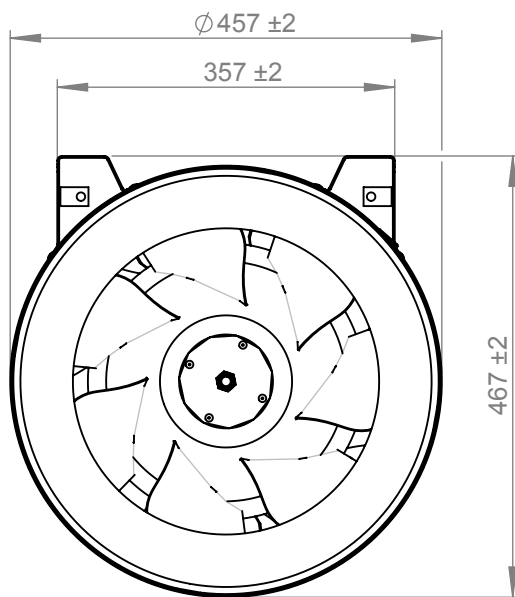


- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor
- Necessary EC-Controller included in delivery

Operating Point		1	2	3	4	5
Current I	A	2,6	2,2	3,2	3,0	2,7
Power consumption P_l	W	1767	1506	2182	2052	1837
Rotation speed n	1/min	2586	2610	2600	2599	2598
SWL inlet L_{WA5}	dB(A)	96	93	89	90	93
SWL outlet L_{WA6}	dB(A)	101	99	94	96	99
SWL housing break out L_{WA2}	dB(A)	90	88	81	83	87

Sound power (L_W) dB(A)		Medium Frequency Band									
		Σ	63	125	250	500	1k	2k	4k	8k	
Inlet	L_{WA5}	89	56	68	78	83	84	83	80	70	
Outlet	L_{WA6}	94	45	60	77	89	89	86	83	74	
Housing radiation	L_{WA2}	81	45	50	64	76	76	73	72	59	

EL 450 EC 10 139776	
Voltage U_N	400 V 3~
Current I_{max}	3,4 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	55 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	20,6 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-25 °C



ruck^{eu}
VENTILATOREN

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



Protection Mark
according to ISO 16016

1:8 A4 mm

General tolerances
DIN ISO 2768-c

EL450EC10

139776 00

Drawn: h.sachsenheimer
Created: h.sachsenheimer
Changed: h.sachsenheimer

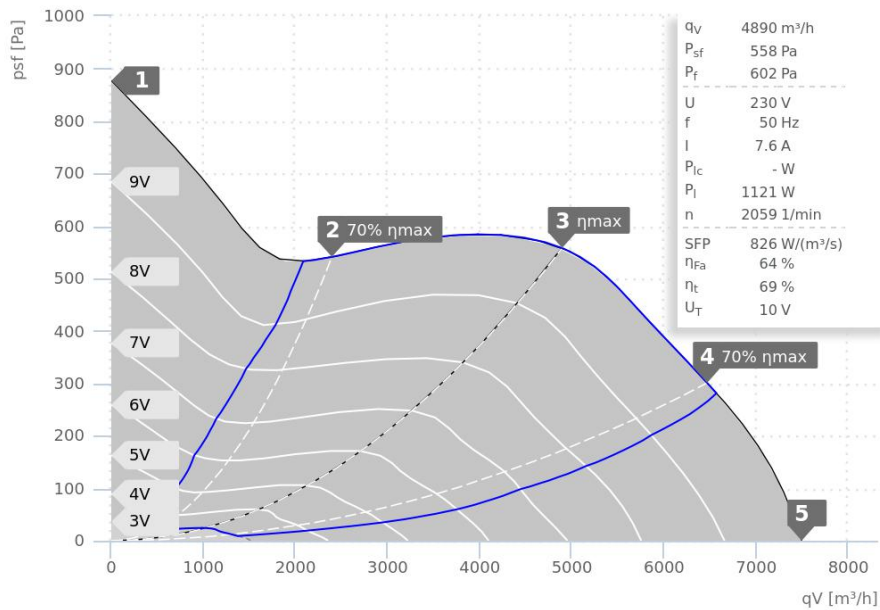
21.04.17
21.04.17
25.04.17

VENTAS
VENTILATORER

DATA SHEET

ruck.eu
VENTILATOREN

EL 450 EC K 01 | 159395



— ErP compliant range

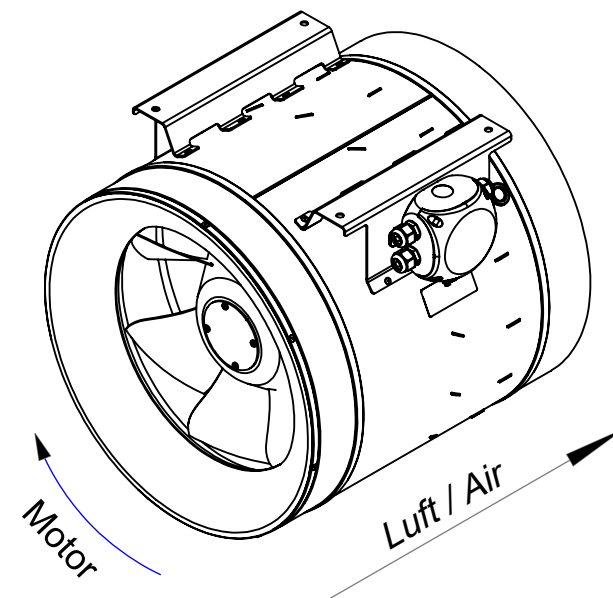
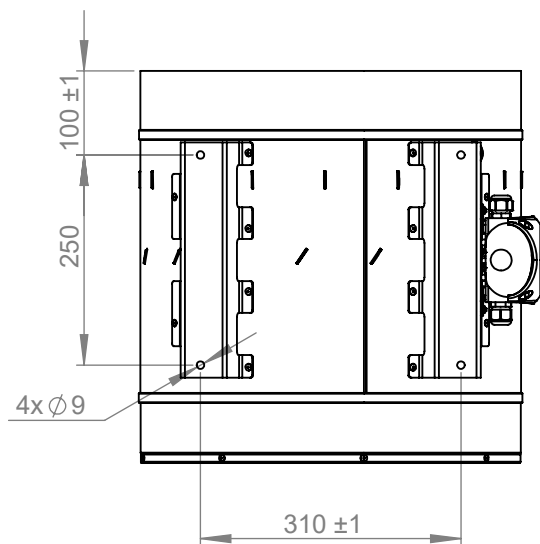
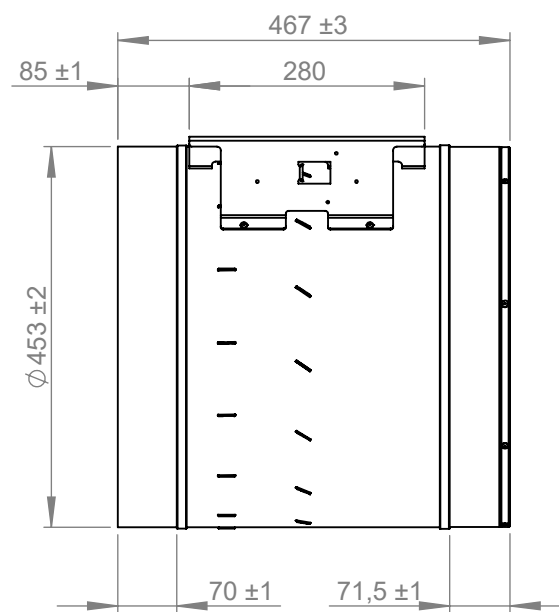
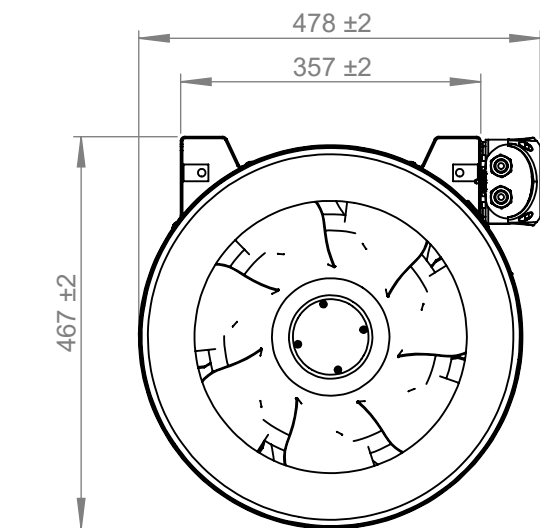


- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor

Operating Point		1	2	3	4	5
Current I	A	6,7	5,4	7,6	7,7	6,9
Power consumption P_l	W	973	766	1121	1132	996
Rotation speed n	1/min	2103	2110	2059	2105	2103
SWL inlet L_{WA5}	dB(A)	91	88	88	85	88
SWL outlet L_{WA6}	dB(A)	95	91	88	88	93
SWL housing break out L_{WA2}	dB(A)	88	85	85	86	85

Sound power (L_W) dB(A)		Medium Frequency Band									
		Σ	63	125	250	500	1k	2k	4k	8k	
Inlet	L_{WA5}	88	59	71	80	82	82	81	76	66	
Outlet	L_{WA6}	88	57	68	77	85	84	80	75	67	
Housing radiation	L_{WA2}	85	43	47	72	83	74	68	67	60	

EL 450 EC K 01 159395	
Voltage U_N	230 V 1~
Current I_{max}	8,2 A
Ambient temperature t_A	60 °C
Conveyed medium temperature t_M	60 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	18,2 kg
Number of poles	-
IP motor	IP55
IP terminal box	-
IP complete unit	-
Min. operating temperature	-20 °C



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



Protection Mark
according to ISO 16016

1:9 A4 mm

General tolerances
DIN ISO 2768-c

Created h.sachsenheimer 16.08.2021
Drawn h.sachsenheimer 16.08.2021
Released h.sachsenheimer 08.11.2021
Disabled

EL450ECK01

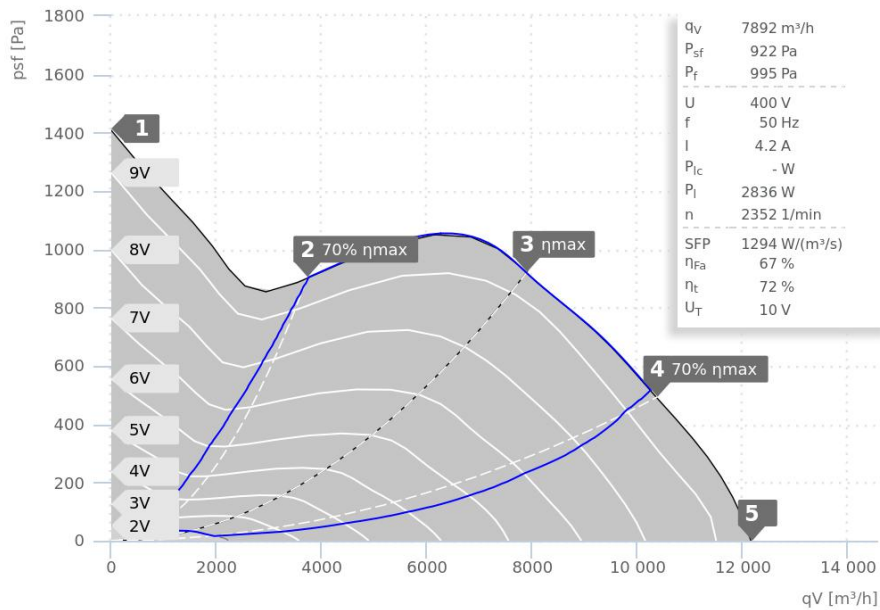
159395 00



DATA SHEET

ruck.eu
VENTILATOREN

EL 500 EC 10 | 139780

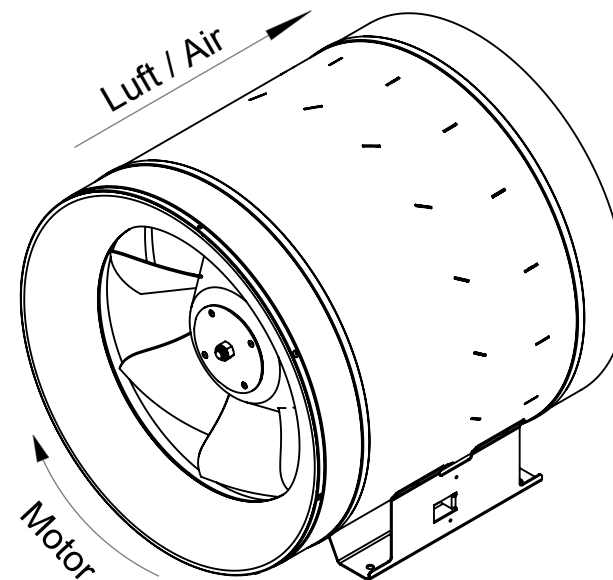
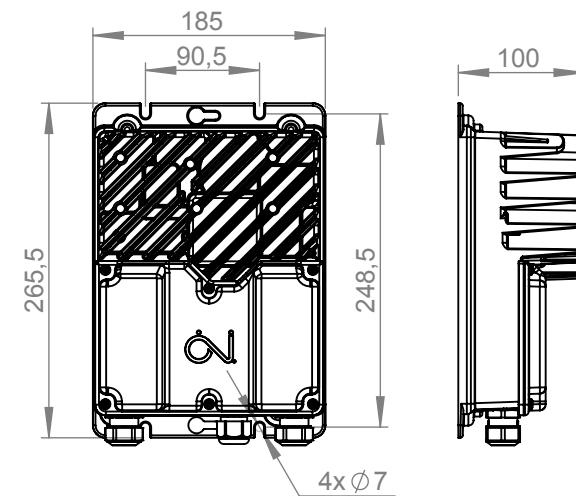
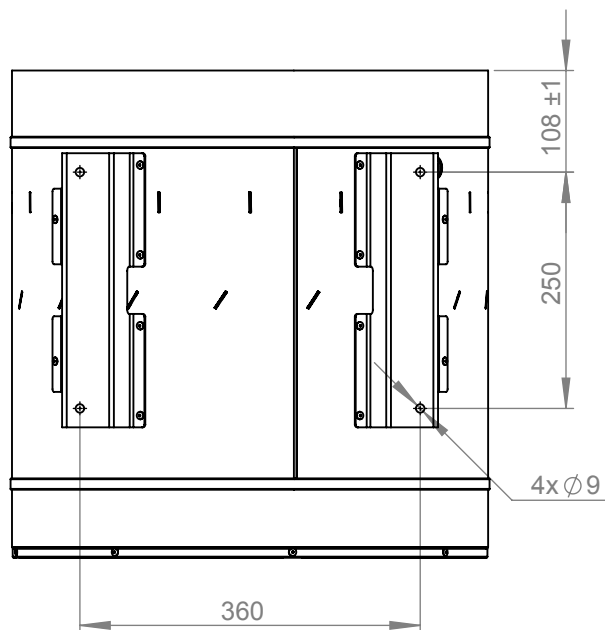
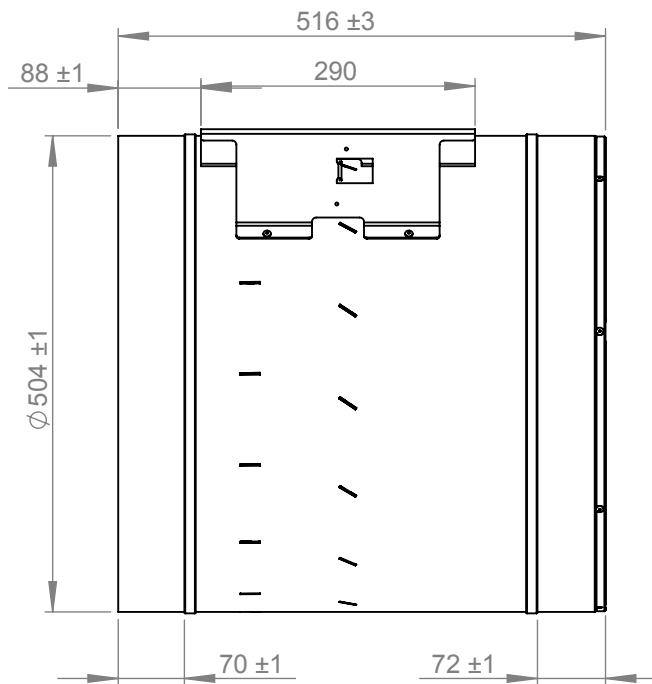
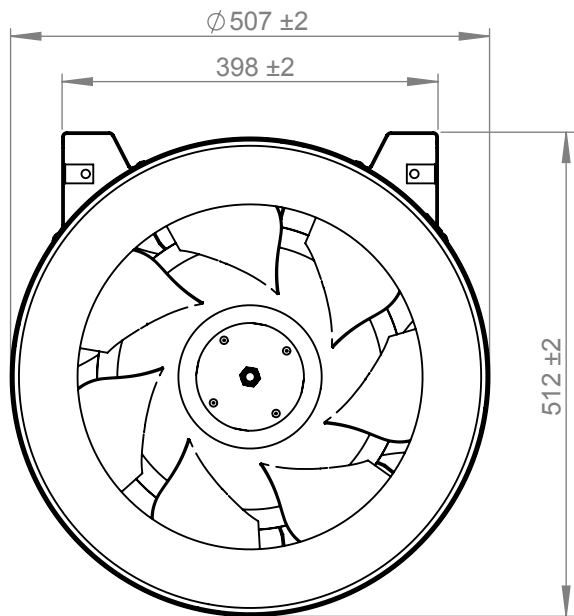


- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor
- Necessary EC-Controller included in delivery

Operating Point		1	2	3	4	5
Current I	A	3,6	2,9	4,2	4,2	3,9
Power consumption P_1	W	2468	1962	2849	2855	2640
Rotation speed n	1/min	2379	2423	2355	2384	2400
SWL inlet L_{WA5}	dB(A)	99	94	96	93	96
SWL outlet L_{WA6}	dB(A)	102	98	95	98	98
SWL housing break out L_{WA2}	dB(A)	93	89	88	88	93

Sound power (L_W) dB(A)		Medium Frequency Band									
		Σ	63	125	250	500	1k	2k	4k	8k	
Inlet	L_{WA5}	95	70	80	86	89	90	88	85	75	
Outlet	L_{WA6}	95	45	65	79	90	92	87	83	73	
Housing radiation	L_{WA2}	88	75	69	74	85	83	77	72	60	

EL 500 EC 10 139780	
Voltage U_N	400 V 3~
Current I_{max}	4,4 A
Ambient temperature t_A	55 °C
Conveyed medium temperature t_M	55 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	24,8 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-25 °C



1:8 A4 mm

ruck^{eu}
VENTILATOREN

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

Protection Mark
according to ISO 16016

General tolerances
DIN ISO 2768-c

Drawn: h.sachsenheimer
Created: h.sachsenheimer
Changed: h.sachsenheimer

21.04.17
21.04.17
25.04.17

EL500EC10

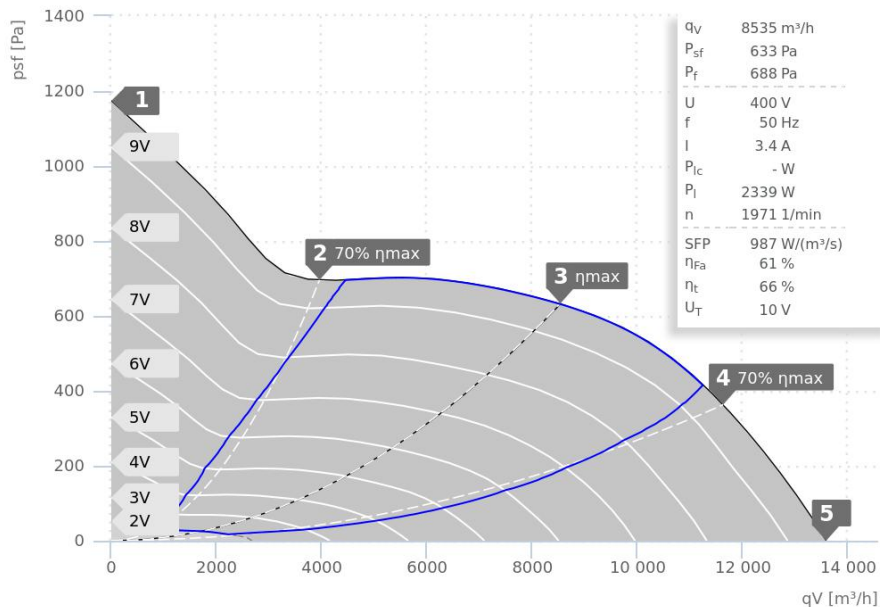
139780 00

VENTAS
VENTILATORER

DATA SHEET

EL 560 EC 10 | 139783

ruck.eu
VENTILATOREN



— ErP compliant range



- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor
- Necessary EC-Controller included in delivery

Operating Point		1	2	3	4	5
Current I	A	3,3	2,6	3,4	3,8	3,5
Power consumption P_i	W	2273	1718	2335	2584	2381
Rotation speed n	1/min	1964	1976	1971	1970	1970
SWL inlet L_{WA5}	dB(A)	96	93	90	90	93
SWL outlet L_{WA6}	dB(A)	100	97	95	96	98
SWL housing break out L_{WA2}	dB(A)	90	86	83	83	87

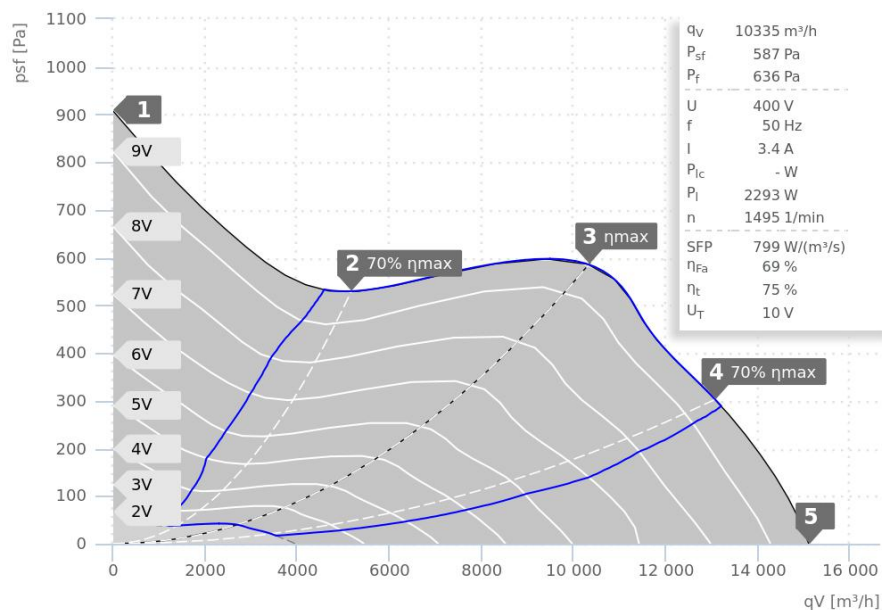
Sound power (L_W) dB(A)		Medium Frequency Band									
		Σ	63	125	250	500	1k	2k	4k	8k	
Inlet	L_{WA5}	90	51	71	79	84	85	83	79	69	
Outlet	L_{WA6}	95	54	73	83	92	89	86	81	72	
Housing radiation	L_{WA2}	83	53	58	73	80	77	75	70	61	

EL 560 EC 10 139783	
Voltage U_N	400 V 3~
Current I_{max}	4,0 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	50 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	30,0 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-25 °C

DATA SHEET

ruck.eu
VENTILATOREN

EL 630 EC 10 | 139786

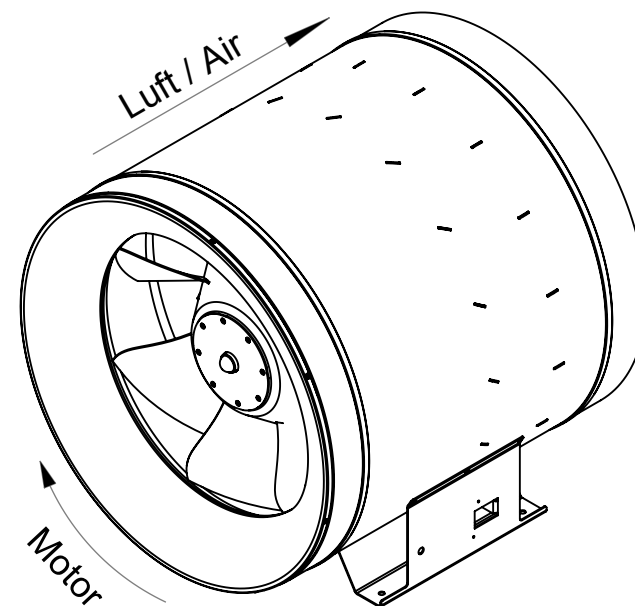
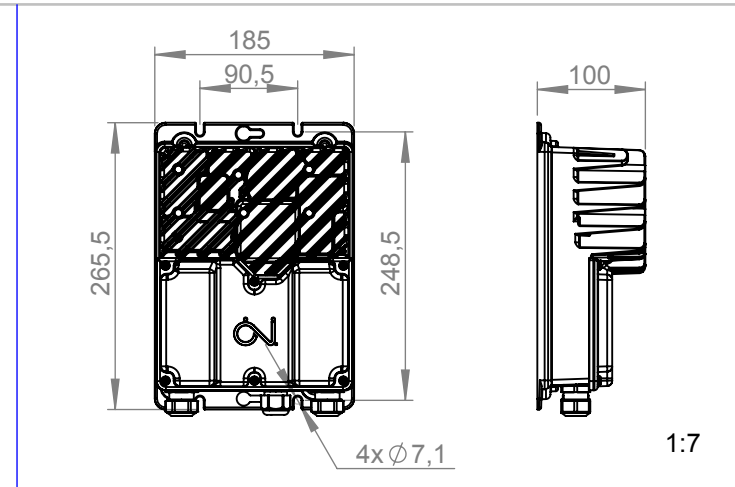
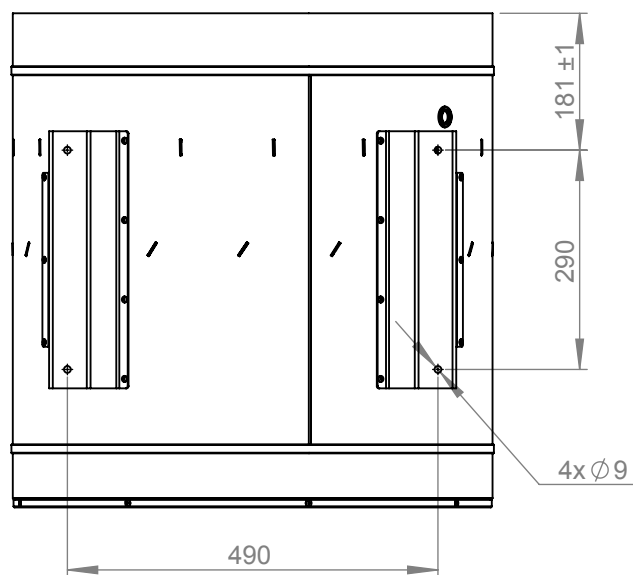
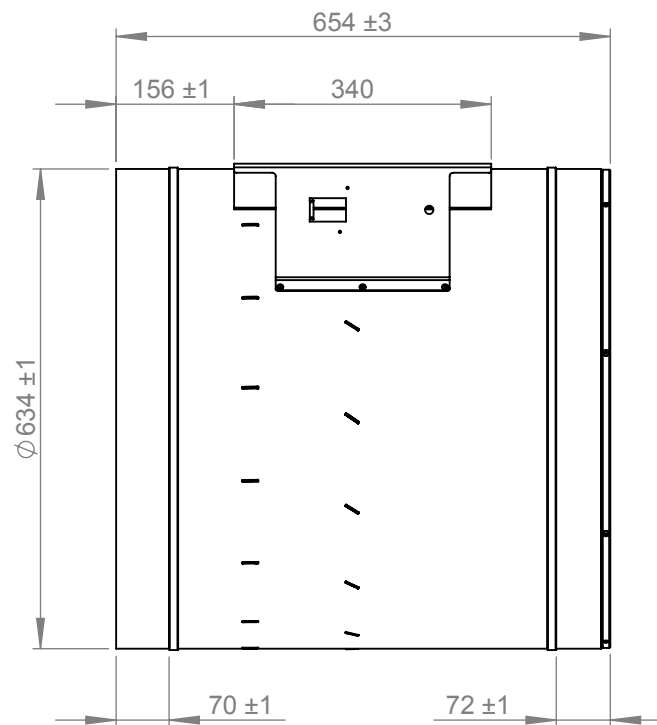
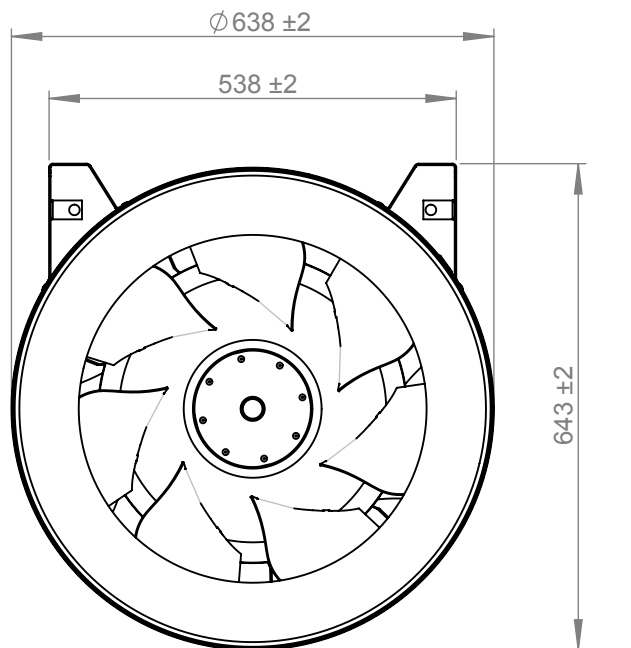


- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor
- Necessary EC-Controller included in delivery

Operating Point		1	2	3	4	5
Current I	A	2,8	2,2	3,4	3,2	3,0
Power consumption P_l	W	1910	1494	2302	2153	2042
Rotation speed n	1/min	1486	1500	1498	1496	1500
SWL inlet L_{WA5}	dB(A)	91	88	85	87	90
SWL outlet L_{WA6}	dB(A)	96	92	90	92	95
SWL housing break out L_{WA2}	dB(A)	87	82	77	80	83

Sound power (L_W) dB(A)		Medium Frequency Band								
		Σ	63	125	250	500	1k	2k	4k	8k
Inlet	L_{WA5}	85	50	72	76	80	80	77	75	65
Outlet	L_{WA6}	90	48	77	81	86	85	81	76	67
Housing radiation	L_{WA2}	77	44	60	66	74	71	68	63	56

EL 630 EC 10 139786	
Voltage U_N	400 V 3~
Current I_{max}	3,5 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	50 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	38,4 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-25 °C



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



Protection Mark
according to ISO 16016

1:10 A4 mm

General tolerances
DIN ISO 2768-c

EL630EC10

139786 00

Drawn: h.sachsenheimer
Created: h.sachsenheimer
Changed: h.sachsenheimer

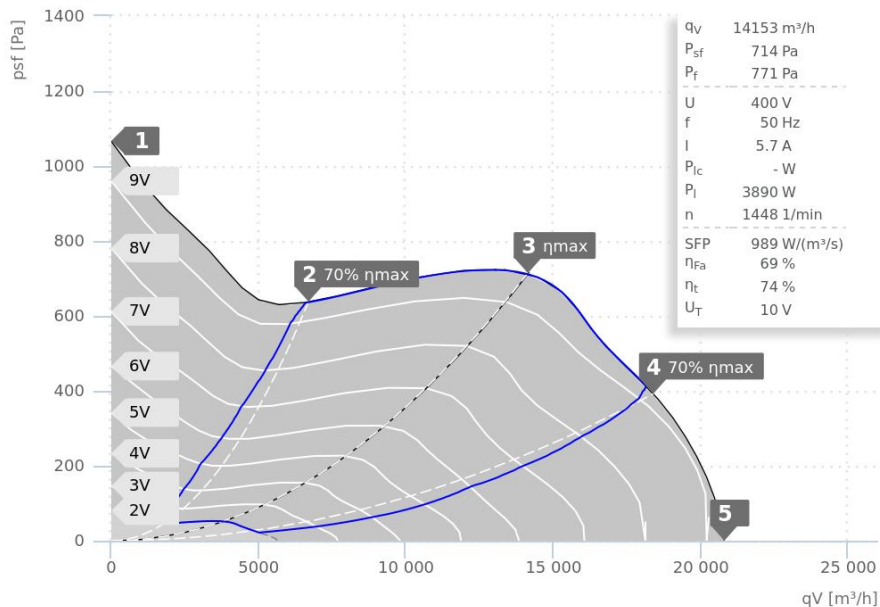
21.04.17
21.04.17
26.04.17



DATA SHEET

EL 710 EC 10 | 139789

ruck.eu
VENTILATOREN



— ErP compliant range

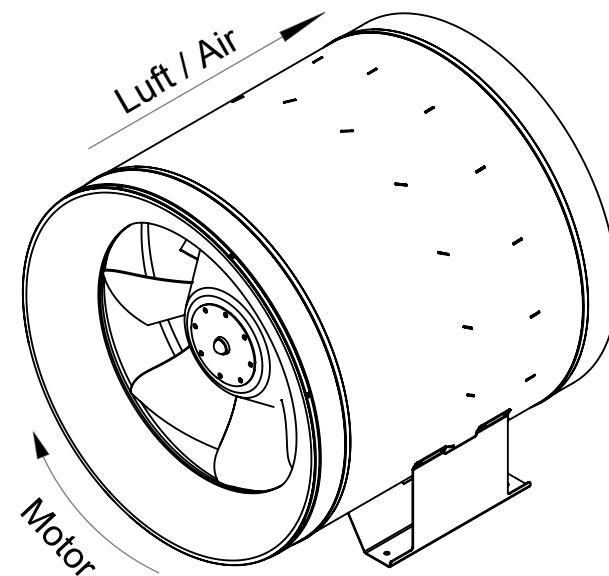
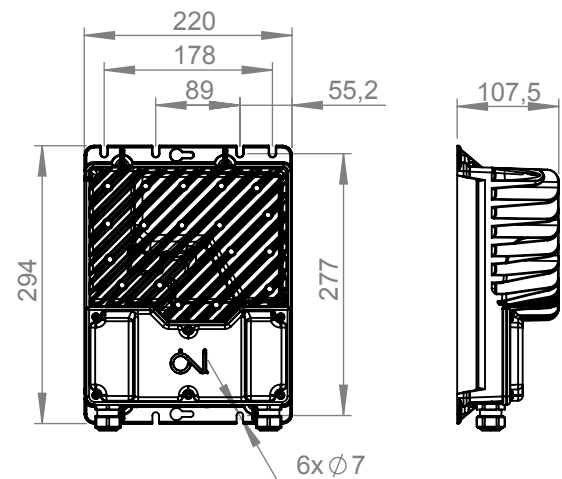
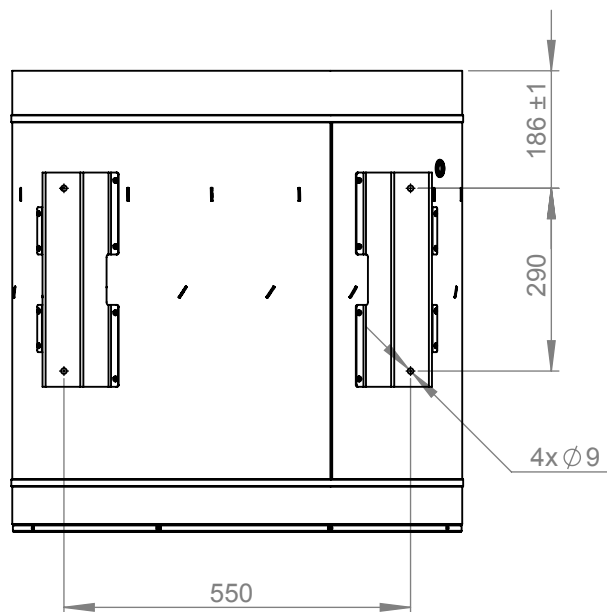
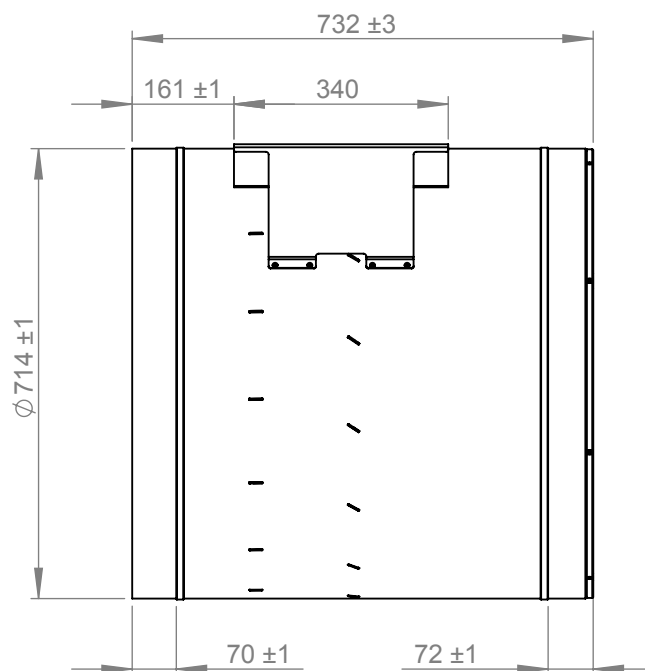
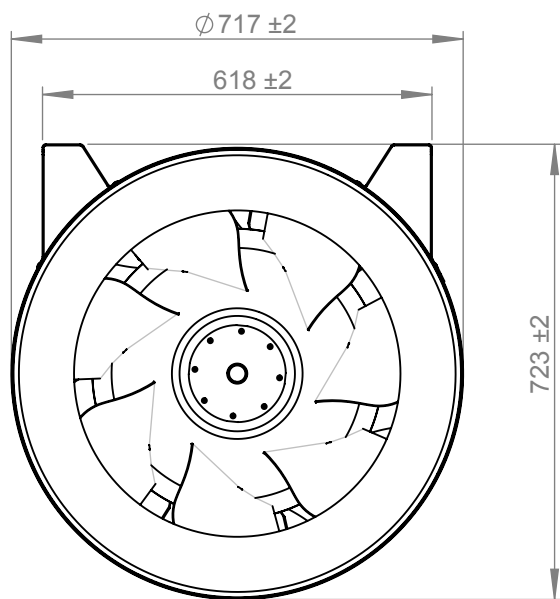


- Diagonal impeller with downstream three-dimensional guide vanes
- Aluminum housing
- EC motor
- Necessary EC-Controller included in delivery

Operating Point		1	2	3	4	5
Current I	A	4,6	3,6	5,7	5,7	5,7
Power consumption P_1	W	3127	2373	3894	3739	3890
Rotation speed n	1/min	1432	1451	1448	1430	1446
SWL inlet L_{WA5}	dB(A)	97	95	90	92	93
SWL outlet L_{WA6}	dB(A)	100	96	92	95	96
SWL housing break out L_{WA2}	dB(A)	90	90	85	86	88

Sound power (L_W) dB(A)		Medium Frequency Band									
		Σ	63	125	250	500	1k	2k	4k	8k	
Inlet	L_{WA5}	90	53	76	83	85	84	82	78	68	
Outlet	L_{WA6}	92	48	75	84	88	86	83	80	70	
Housing radiation	L_{WA2}	85	52	66	82	80	77	74	67	60	

EL 710 EC 10 139789	
Voltage U_N	400 V 3~
Current I_{max}	6,0 A
Ambient temperature t_A	50 °C
Conveyed medium temperature t_M	80 °C
Speed Control	0-10V
Motor protection	TEC
Insulation class motor	F
Weight	50,7 kg
Number of poles	-
IP motor	IP54
IP terminal box	-
IP complete unit	-
Min. operating temperature	-25 °C



1:12 A4 mm

ruck^{eu}
VENTILATOREN

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

Protection Mark
according to ISO 16016

General tolerances
DIN ISO 2768-c

Drawn: h.sachsenheimer
Created: h.sachsenheimer
Changed: h.sachsenheimer

21.04.17
21.04.17
26.04.17

EL710EC10

139789 00

VENTAS
VENTILATORER