Radialventilator zweiflutig *Centrifugal fan double inlet*

RD20S-4DW.4F.2L

Art.Nr. ohne Flansch
Art.no. without flange
204 898

Art.Nr. mit Flansch
Art.no. with flange
209 896

Gehäuse aus Aluminium
Scroll made of aluminium

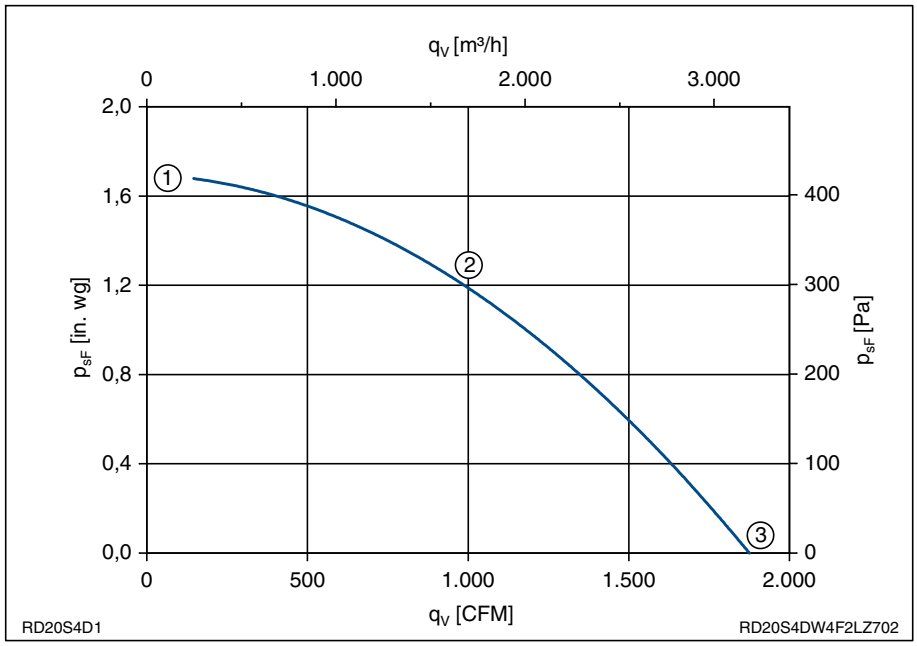
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**0,81**	kW
I	**1,35**	A
n	**1550**	min^{-1}
I_A	3,6	A
ΔI	10	%
t_R	40	°C
m	13	kg

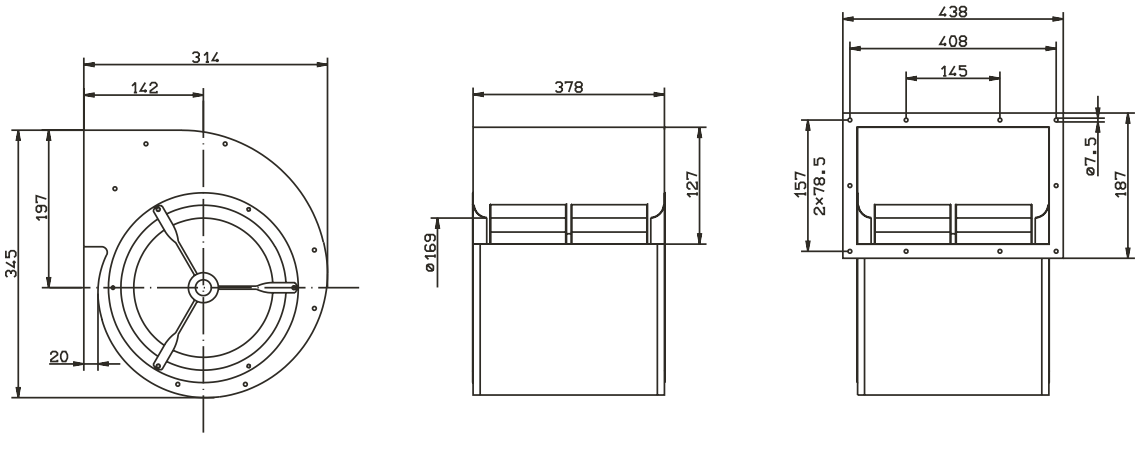
Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		0,75	220	1720	
②	**460**	0,90	400	1670	75
③		**1,35**	**810**	**1550**	81

$p_{d2} = 2{,}2 \cdot 10^{-5} \cdot q_V^2$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 230/400V ±10% Δ/Y 60Hz	0,76	2,4/1,4	1450	5,4/3,1	5	80



Radialventilator zweiflutig — *Centrifugal fan double inlet*

RD20S-4EW.4I.2L

Art.Nr. ohne Flansch
Art.no. without flange
129 146

Art.Nr. mit Flansch
Art.no. with flange
110 898

Gehäuse aus Aluminium
Scroll made of aluminium

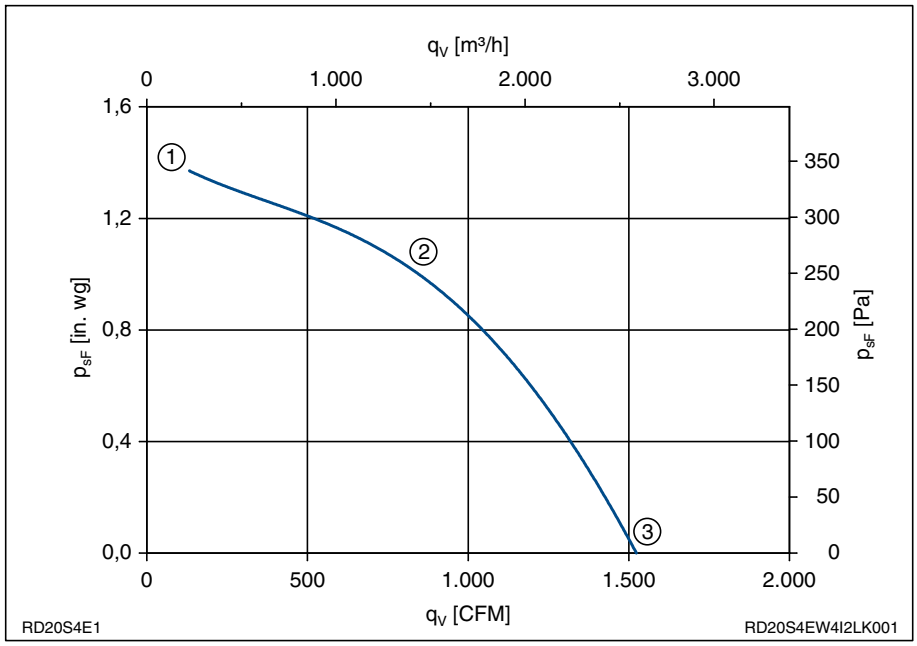
Leistungsdaten
Performance data

1~ 230V ±10%
60Hz IP54

Anschlussschaltbild 104XB
Connection diagram

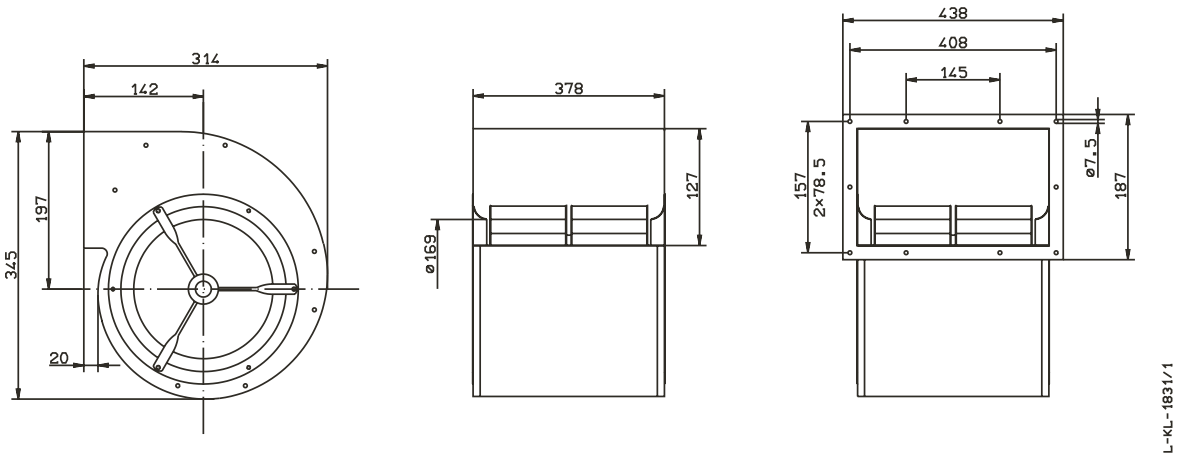
P_1	**0,70**	kW
I	**3,0**	A
n	**1260**	min^{-1}
I_A	5,6	A
ΔI	0	%
C_{400V}	10	µF
t_R	40	°C
m	17	kg

Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		2,4	510	1620	
②	**230**	2,6	590	1520	72
③		**3,0**	**700**	**1260**	77

$p_{d2} = 2{,}2 \cdot 10^{-5} \cdot q_V^2$



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD25S-4DW.4I.AL

Art.Nr. ohne Flansch
Art.no. without flange
129 149

Art.Nr. mit Flansch
Art.no. with flange
131 548

Gehäuse aus Stahlblech
Scroll made of sheet steel

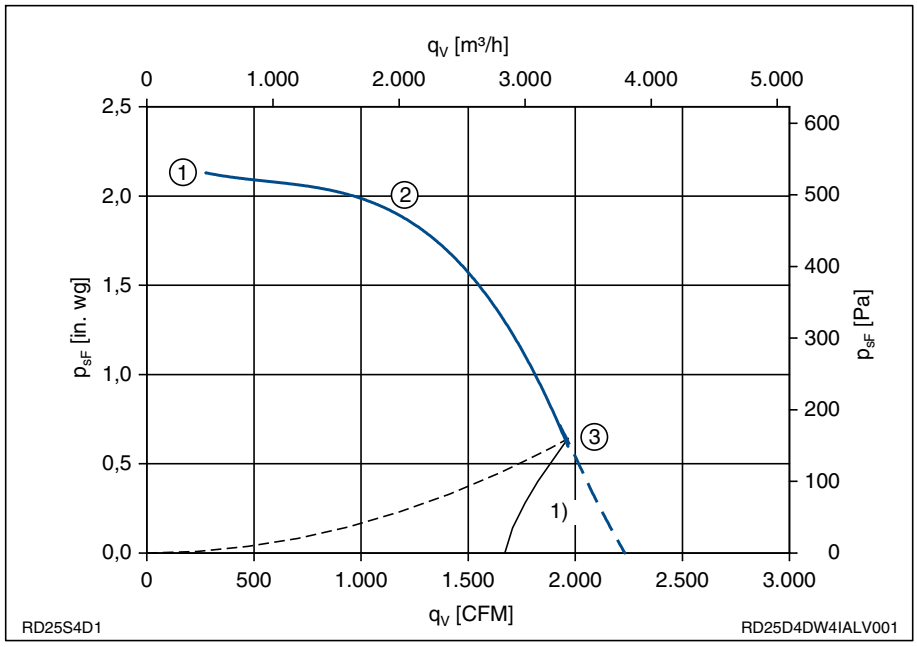
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**1,2**	kW
I	**1,8**	A
n	**1410**	min^{-1}
I_A	4,7	A
ΔI	0	%
t_R	40	°C
$p_{sF(min)}$ ③	160	Pa
m	16	kg

Kennliniendaten
Characteristic data

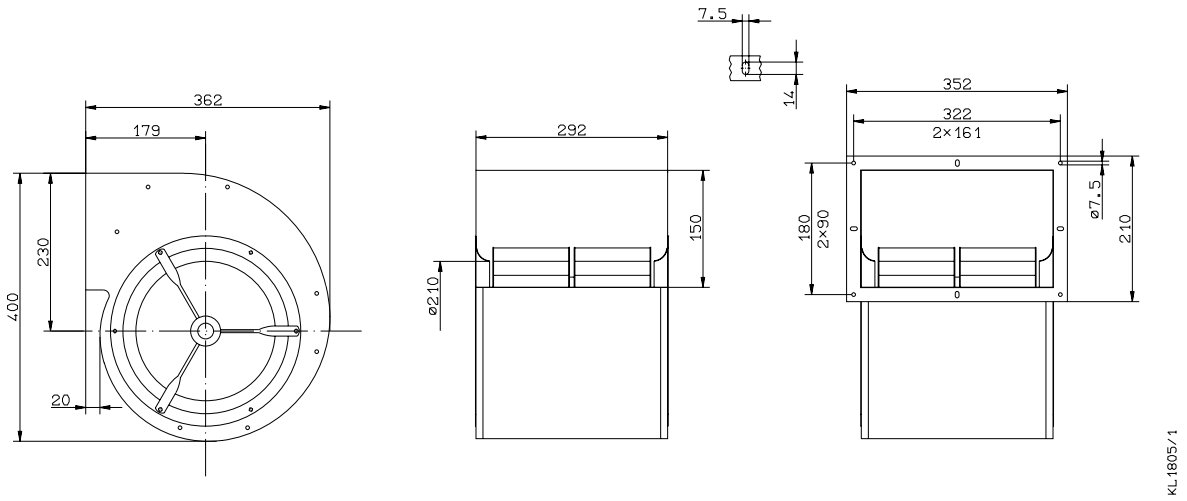


	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		1,0	320	1730	
②	**460**	1,3	680	1610	80
③		**1,8**	**1200**	**1410**	87

1) in diesem Bereich nicht einsetzbar
do not operate in this area

$p_{d2} = 2{,}5 \cdot 10^{-5} \cdot q_V^2$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 230/400V ±10% Δ/Y 60Hz	1,05	3,0/1,75	1260	7,1/4,1	0	84



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD25S-4EW.4I.AL

Art.Nr. ohne Flansch
Art.no. without flange
129 153

Art.Nr. mit Flansch
Art.no. with flange
129 154

Gehäuse aus Stahlblech
Scroll made of sheet steel

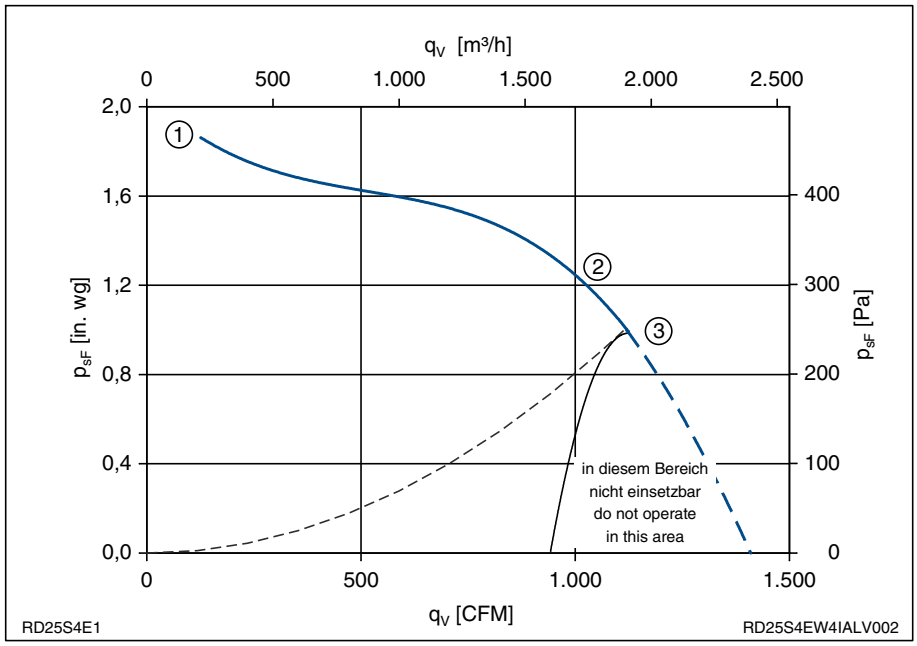
Leistungsdaten
Performance data

1~ 230V ±10%
60Hz IP54

Anschlussschaltbild 104XB
Connection diagram

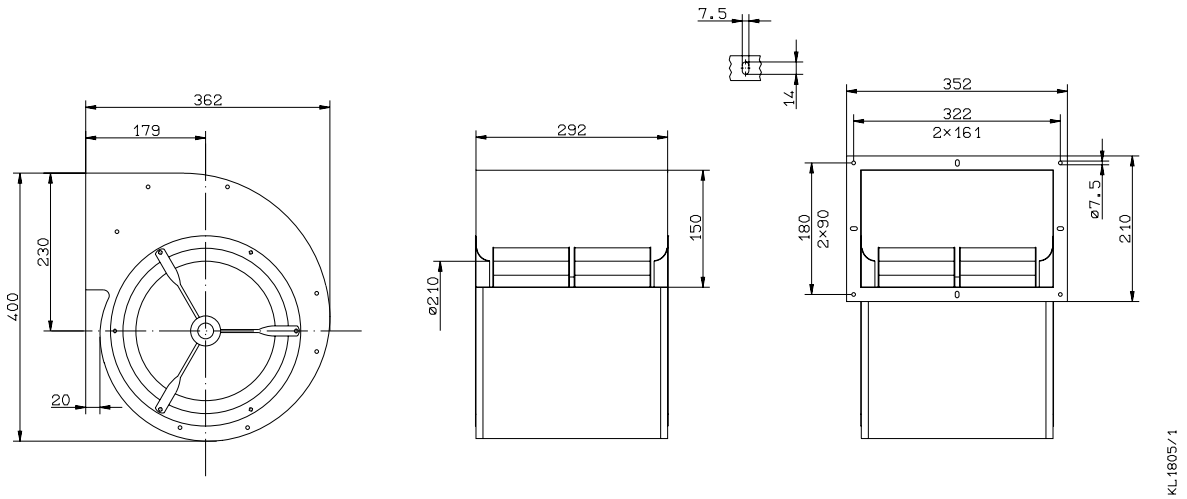
P_1	**0,71**	kW
I	**3,1**	A
n	**1190**	min^{-1}
I_A	3,6	A
ΔI	0	%
C_{400V}	10	µF
t_R	40	°C
$p_{sF(min)}$ ③	230	Pa
m	16	kg

Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		2,2	490	1600	
②	**230**	3,0	680	1290	75
③		**3,1**	**710**	**1190**	82

$p_{d2} = 2{,}5 \cdot 10^{-5} \cdot q_V^2$



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD25S-4DW.4N.2L

Art.Nr. ohne Flansch
Art.no. without flange
129 157
Art.Nr. mit Flansch
Art.no. with flange
129 158

Gehäuse aus Aluminium
Scroll made of aluminium

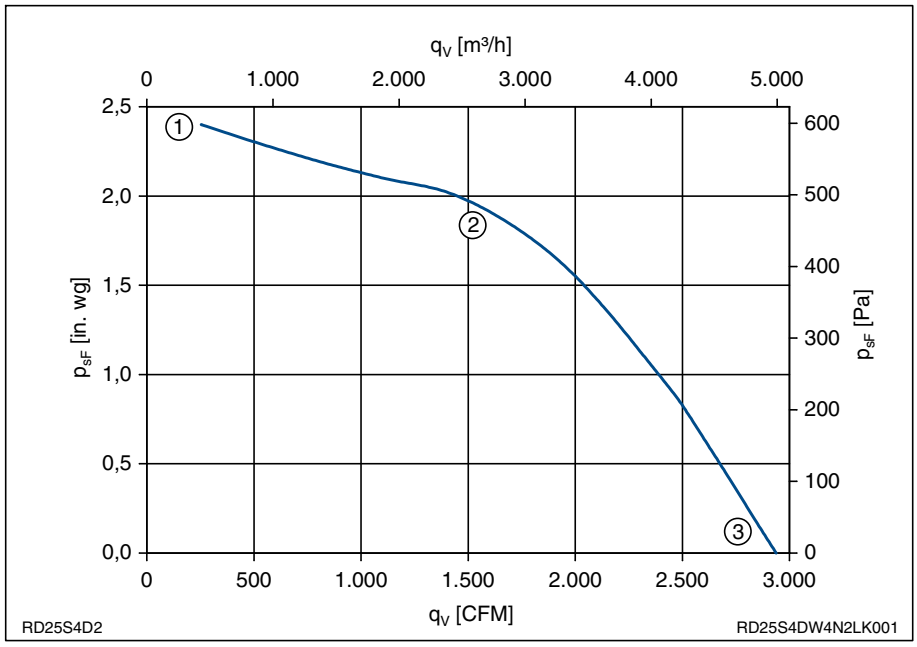
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**1,75**	kW
I	**2,7**	A
n	**1360**	min^{-1}
I_A	7,2	A
ΔI	0	%
t_R	40	°C
m	20	kg

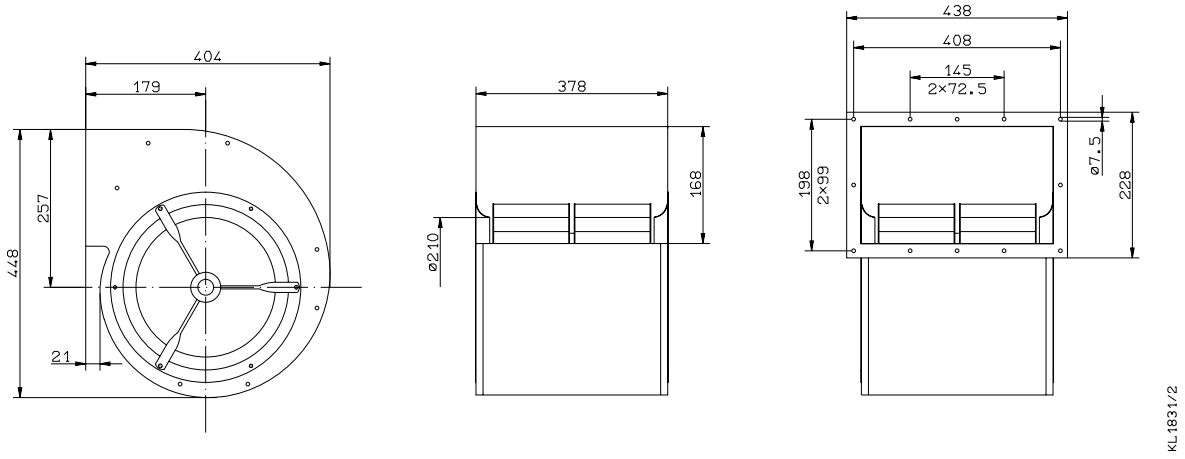
Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		1,25	440	1690	
②	**460**	1,85	1100	1570	81
③		**2,7**	**1750**	**1360**	85

$p_{d2} = 1{,}3 \cdot 10^{-5} \cdot q_V^2$

	P_1 kW	I A	n min^{-1}	I_A A	ΔI %	L_{WA} dB
3~ 230/400V ±10% Δ/Y 60Hz	1,55	4,5/2,6	1270	10,5/6,2	0	83



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD25S-4EW.4R.2L

Art.Nr. ohne Flansch
Art.no. without flange
129 161

Art.Nr. mit Flansch
Art.no. with flange
129 162

Gehäuse aus Aluminium
Scroll made of aluminium

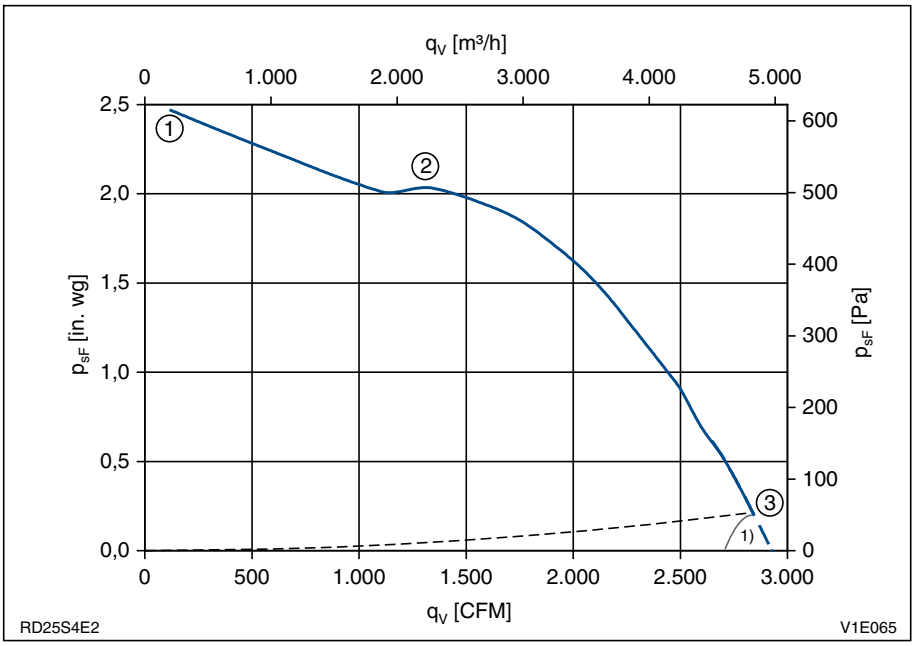
Leistungsdaten
Performance data

1~ 230V ±10%
60Hz IP54

Anschlussschaltbild 104XB
Connection diagram

P_1	**1,8**	kW
I	**7,6**	A
n	**1330**	min^{-1}
I_A	11,5	A
ΔI	0	%
C_{400V}	20	µF
t_R	40	°C
$p_{sF(min)}$ ③	50	Pa
m	24	kg

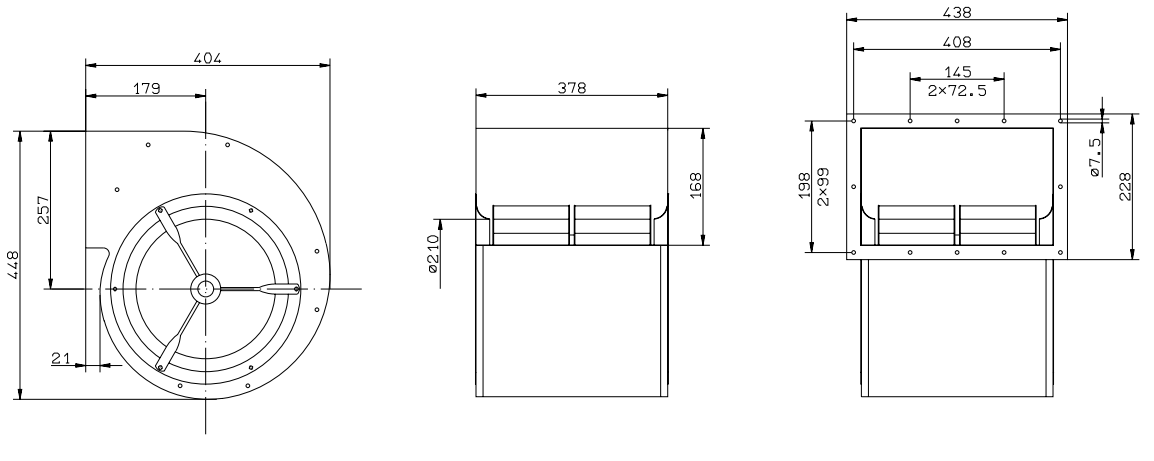
Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		3,2	730	1690	
②	**230**	5,9	1450	1500	80
③		**7,6**	**1800**	**1330**	83

1) in diesem Bereich nicht einsetzbar
do not operate in this area

$$p_{d2} = 1{,}3 \cdot 10^{-5} \cdot q_V^2$$



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD28S-4DW.4R.2L

Art.Nr. ohne Flansch
Art.no. without flange
129 165
Art.Nr. mit Flansch
Art.no. with flange
129 166

Gehäuse aus Aluminium
Scroll made of aluminium

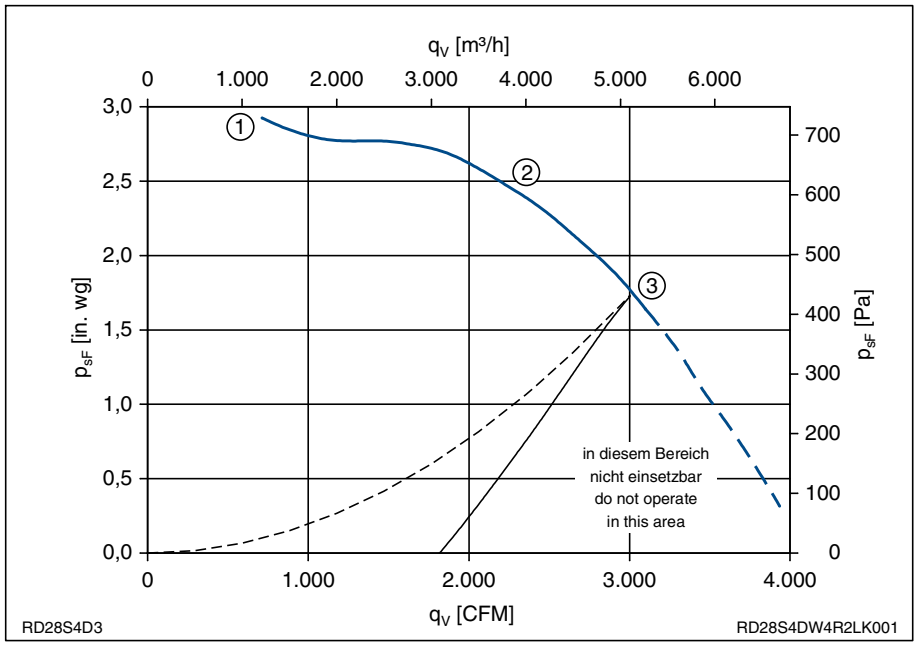
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**2,2**	kW
I	**3,3**	A
n	**1420**	min^{-1}
I_A	11	A
ΔI	0	%
t_R	40	°C
$p_{sF(min)}$ ③	410	Pa
m	25	kg

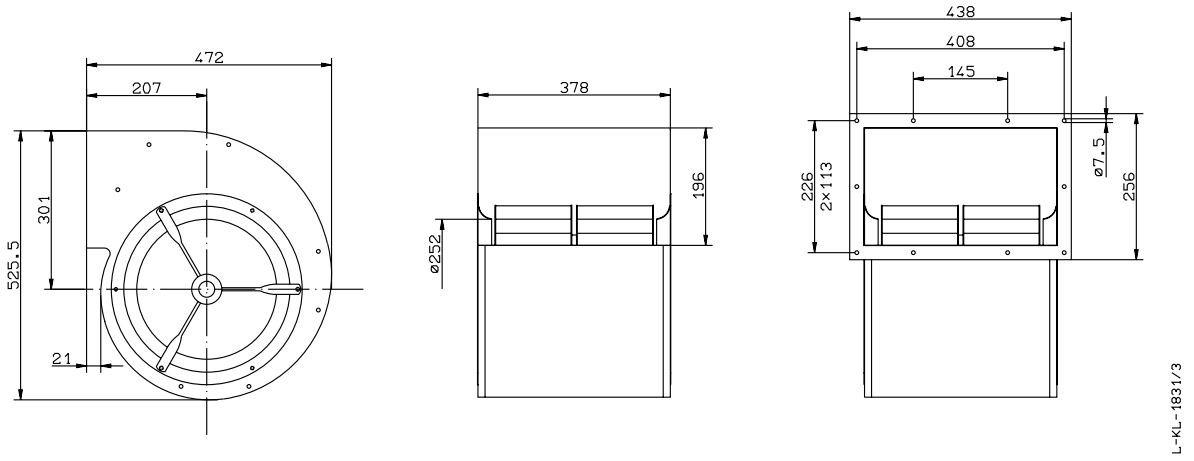
Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		1,75	740	1730	
②	**460**	2,9	1850	1500	84
③		**3,3**	**2200**	**1420**	85

$p_{d2} = 9{,}2 \cdot 10^{-6} \cdot q_V^2$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 230/400V ±10% Δ/Y 60Hz	2,1	5,7/3,3	1330	16/9,3	0	83



Radialventilator zweiflutig — *Centrifugal fan double inlet*

RD28S-4EW.4R.2L

Art.Nr. ohne Flansch
Art.no. without flange
129 167

Art.Nr. mit Flansch
Art.no. with flange
129 168

Gehäuse aus Aluminium
Scroll made of aluminium

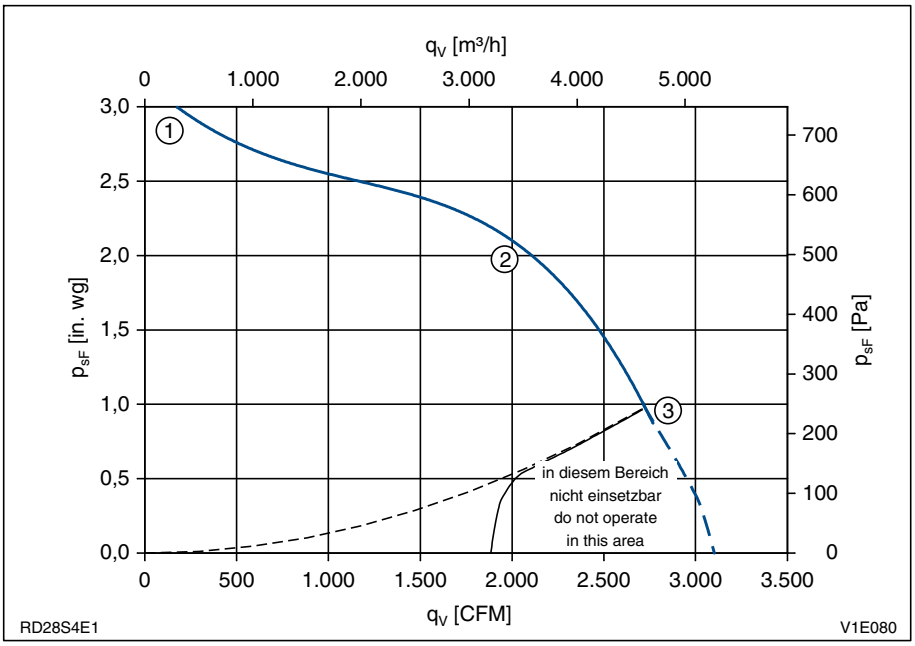
Leistungsdaten
Performance data

1~ 230V ±10%
60Hz IP10

Anschlussschaltbild 104XB
Connection diagram

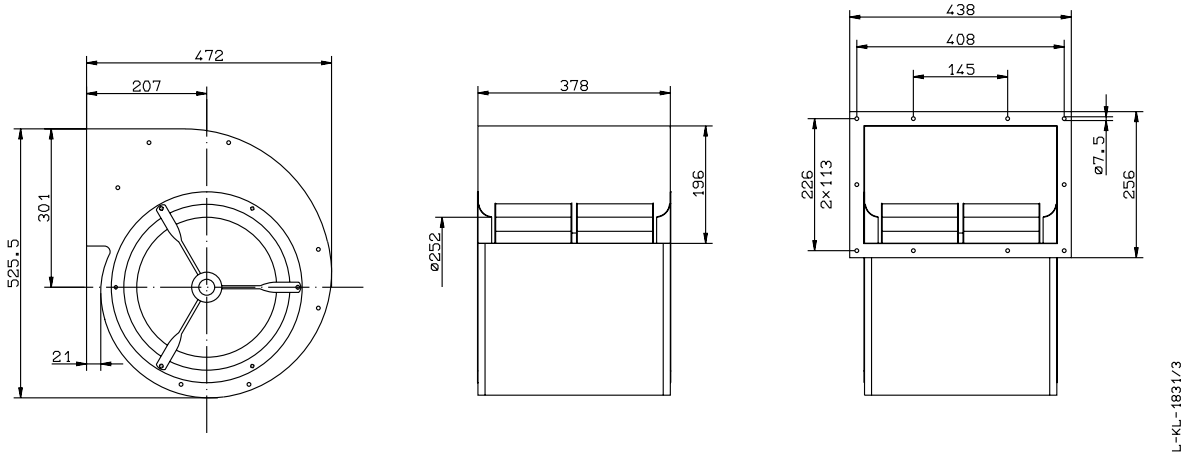
P_1	**2,1**	kW
I	**8,8**	A
n	**1150**	min^{-1}
I_A	12,5	A
ΔI	0	%
C_{400V}	20	µF
t_R	40	°C
$p_{sF(min)}$ ③	240	Pa
m	25	kg

Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		3,8	900	1640	
②	**230**	6,5	1550	1420	81
③		**8,8**	**2100**	**1150**	83

$p_{d2} = 9{,}2 \cdot 10^{-6} \cdot q_V^2$



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD28S-4DW.4R.AL

Art.Nr. ohne Flansch
Art.no. without flange
129 170
Art.Nr. mit Flansch
Art.no. with flange
129 171

Gehäuse aus Aluminium
Scroll made of aluminium

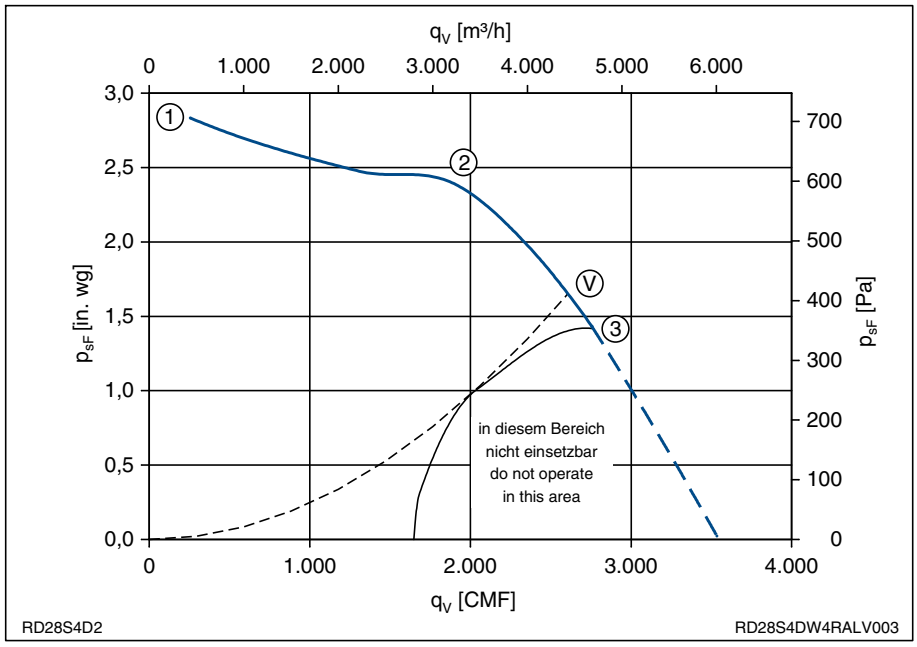
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**2,3**	kW
I	**3,4**	A
n	**1420**	min^{-1}
I_A	9,7	A
ΔI	5	%
t_R	40	°C
$p_{sF(min)}$ ③	350	Pa
m	26	kg

Kennliniendaten
Characteristic data

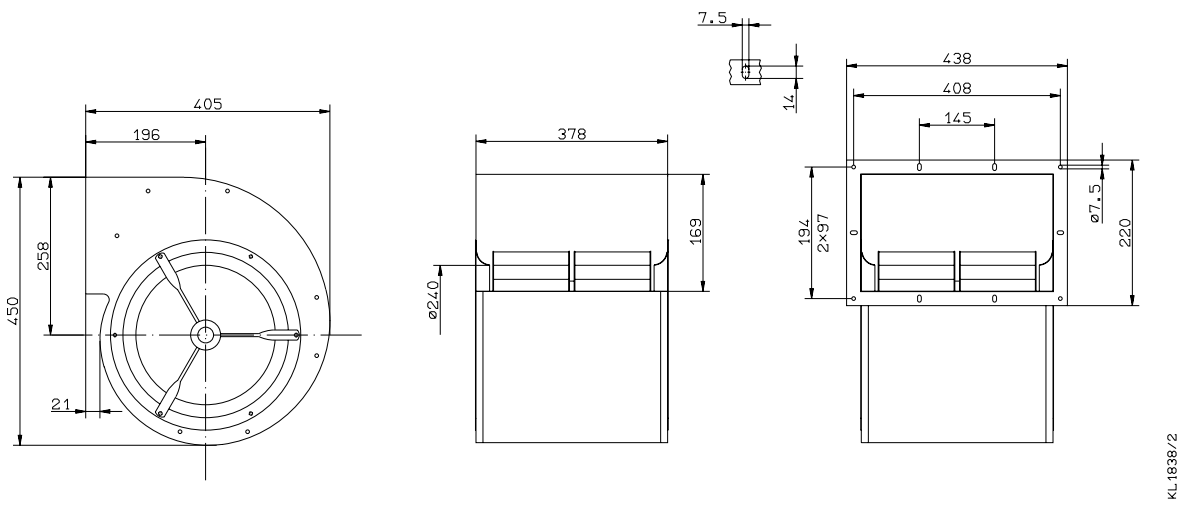


	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		1,55	660	1710	
②	**460**	2,8	1900	1500	83
③		**3,4**	**2300**	**1420**	83

	I	P_1	n	ΔI	$p_{sF\ (min)}$
	A	W	min^{-1}	%	Pa
Ⓥ	3,2	2200	1450	5	410

$$p_{d2} = 1{,}15 \cdot 10^{-5} \cdot q_V^2$$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 230/400V ±10% Δ/Y 60Hz	2,1	5,7/3,3	1330	14,5/8,5	0	



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD28S-4EW.4R.AL

Art.Nr. ohne Flansch
Art.no. without flange
129 174

Art.Nr. mit Flansch
Art.no. with flange
129 175

Gehäuse aus Stahlblech
Scroll made of sheet steel

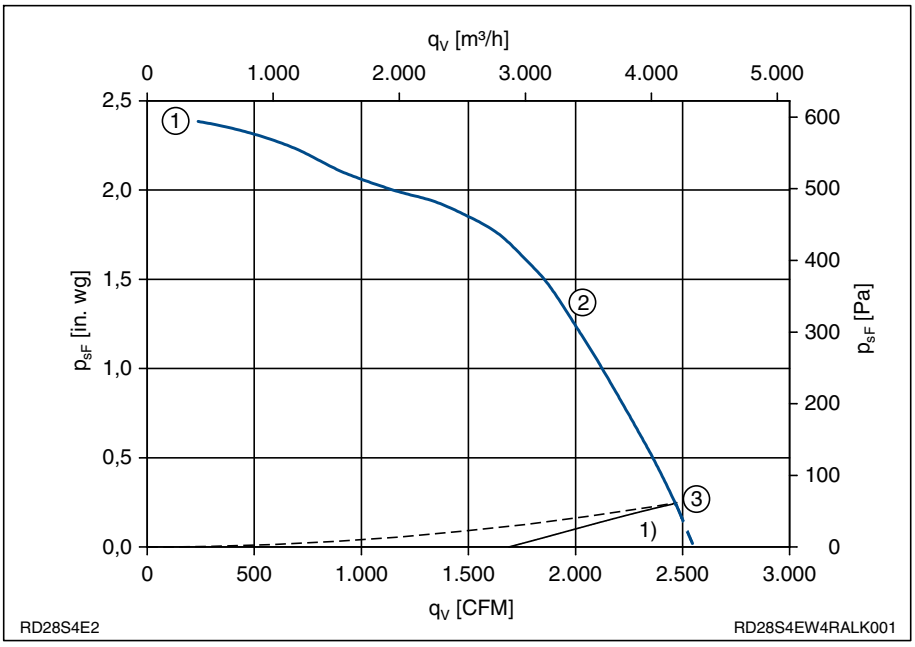
Leistungsdaten
Performance data

1~ 230V ±10%
60Hz IP10

Anschlussschaltbild 104XB
Connection diagram

P_1	**1,9**	kW
I	**8,3**	A
n	**1000**	min^{-1}
I_A	10,5	A
ΔI	0	%
C_{400V}	25	µF
t_R	40	°C
$p_{sF(min)}$ ③	60	Pa
m	26	kg

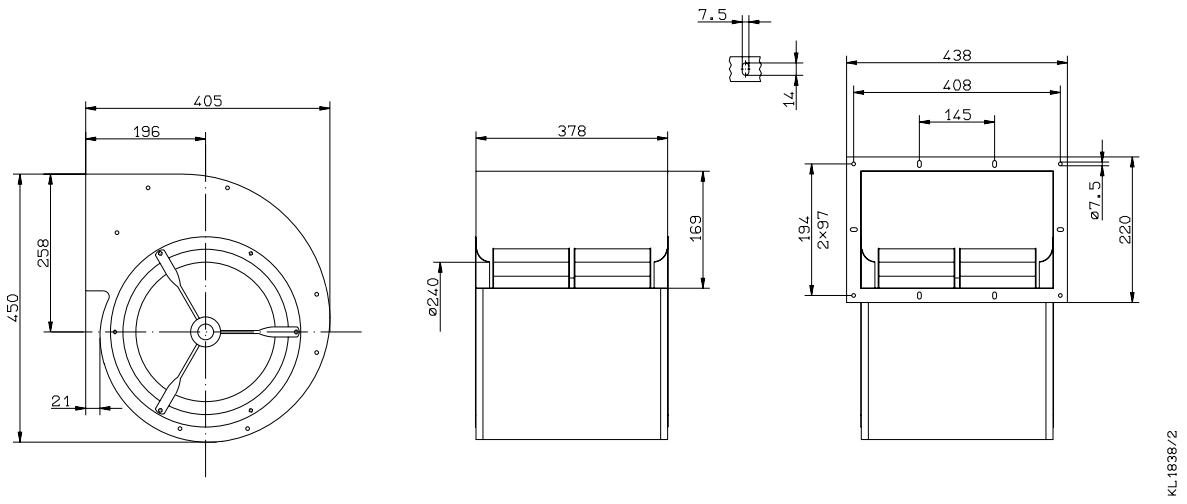
Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		5,8	1250	1580	
②	**230**	7,2	1650	1290	78
③		**8,3**	**1900**	**1000**	81

1) in diesem Bereich nicht einsetzbar
do not operate in this area

$p_{d2} = 1{,}15 \cdot 10^{-5} \cdot q_V^2$



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD31S-4DW.6Q.2L

Art.Nr. ohne Flansch
Art.no. without flange
129 178
Art.Nr. mit Flansch
Art.no. with flange
129 179

Gehäuse aus Stahlblech
Scroll made of sheet steel

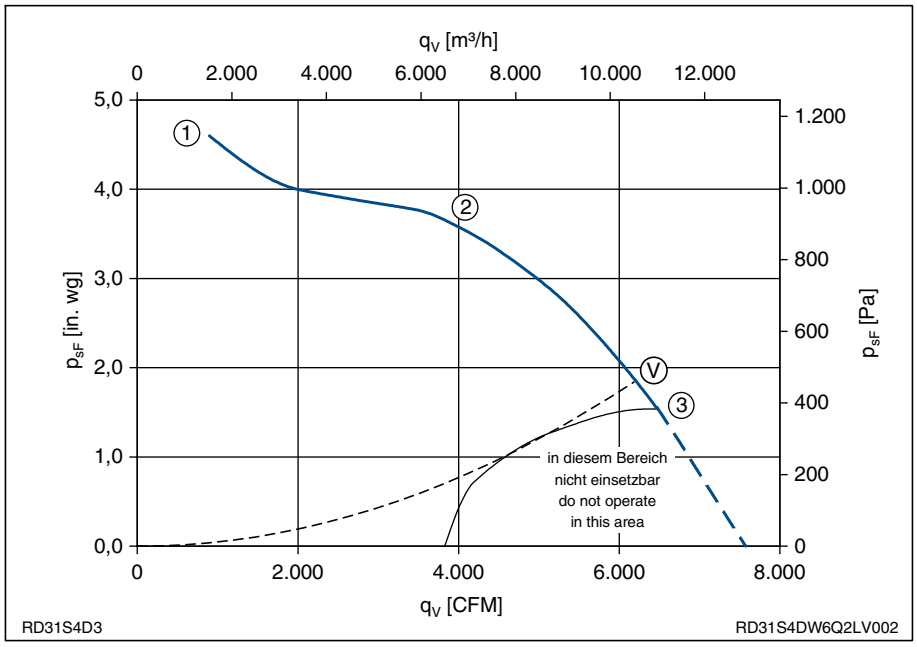
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP10

Anschlussschaltbild 106XB
Connection diagram

P_1	**7,1**	kW
I	**10**	A
n	**1510**	min^{-1}
I_A	40	A
ΔI	-	%
t_R	40	°C
$p_{sF(min)}$ ③	380	Pa
m	44	kg

Kennliniendaten
Characteristic data

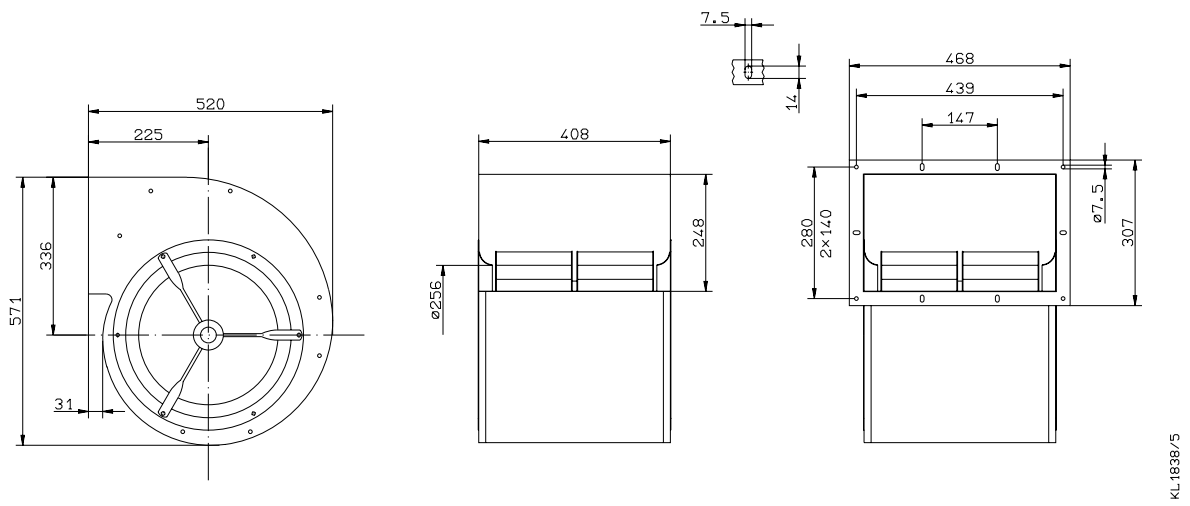


	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		3,7	1550	1760	
②	**460**	6,1	4000	1660	91
③		**10**	**7100**	**1510**	96

	I	P_1	n	ΔI	$p_{sF\ (min)}$
	A	W	min^{-1}	%	Pa
Ⓥ	9,4	6600	1530	5	460

$p_{d2} = 4{,}5 \cdot 10^{-6} \cdot q_V^2$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 230/400V ±10% Δ/Y 60Hz	6,3	17,5/10	1440	61/35	0	



Radialventilator zweiflutig — *Centrifugal fan double inlet*

RD31S-4DW.6T.AL

Art.Nr. ohne Flansch
Art.no. without flange
123 518
Art.Nr. mit Flansch
Art.no. with flange
129 182

Gehäuse aus Stahlblech
Scroll made of sheet steel

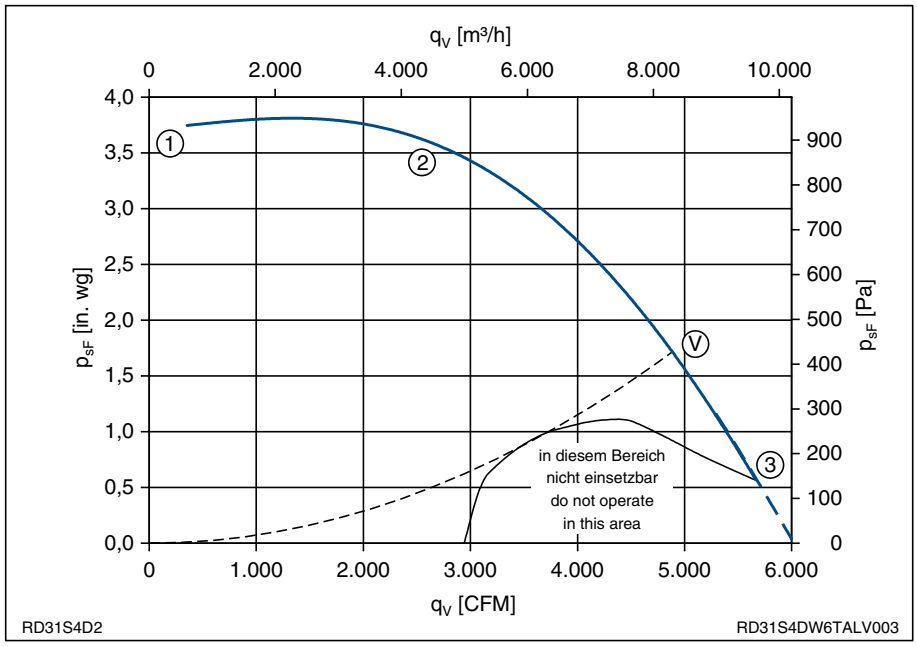
Leistungsdaten
Performance data

3~ 460V ±10% Y
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**5,9**	kW
I	**8,8**	A
n	**1610**	min^{-1}
I_A	42	A
ΔI	-	%
t_R	40	°C
$p_{sF(min)}$ ③	140	Pa
m	49	kg

Kennliniendaten
Characteristic data

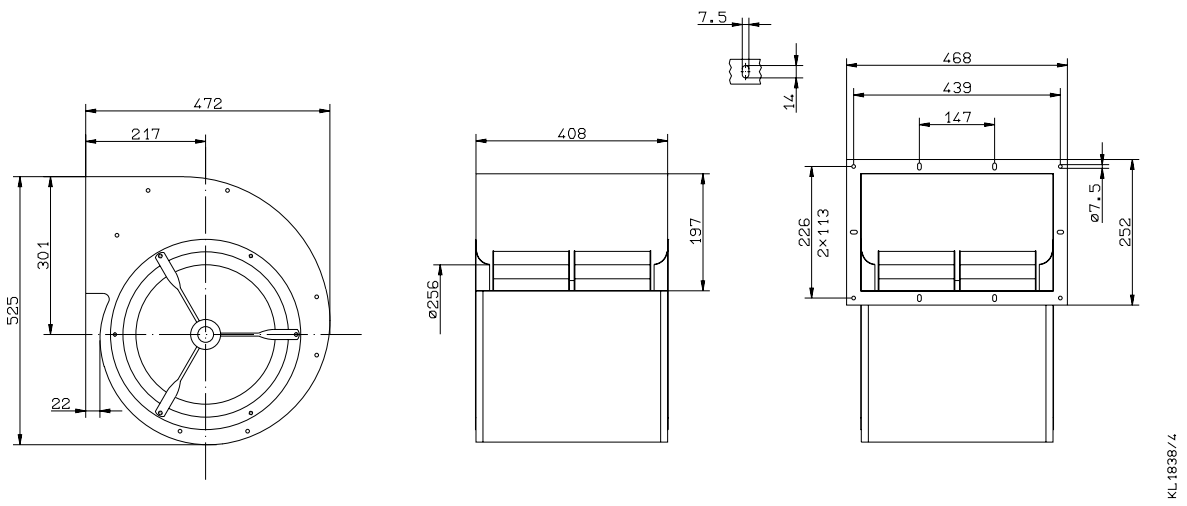


	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		3,6	970	1780	
②	**460**	5,2	2700	1720	91
③		**8,8**	**5900**	**1610**	97

	I	P_1	n	ΔI	$p_{sF\ (min)}$
	A	W	min^{-1}	%	Pa
Ⓥ	7,5	4800	1650	20	430

$p_{d2} = 8{,}1 \cdot 10^{-6} \cdot q_V^2$

	P_1 kW	I A	n min^{-1}	I_A A	ΔI %	L_{WA} dB
3~ 230/400V ±10% Δ/Y 60Hz	5,3	15/8,8	1570	62/36	0	



Radialventilator zweiflutig *Centrifugal fan double inlet*

RD35S-4DW.6T.BL

Art.Nr. ohne Flansch
Art.no. without flange
209 852
Art.Nr. mit Flansch
Art.no. with flange
209 855

Gehäuse aus Stahlblech
Scroll made of sheet steel

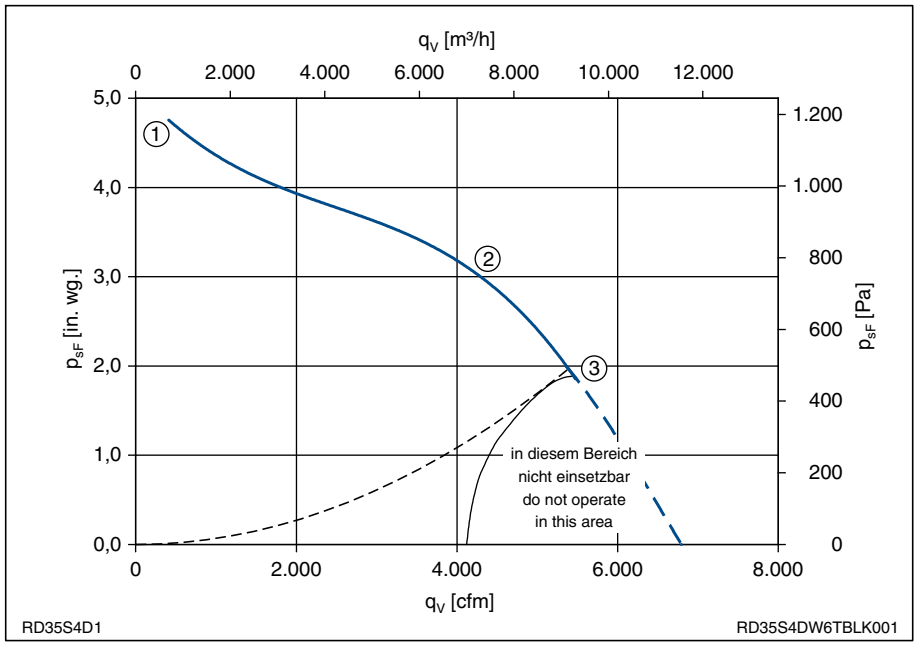
Leistungsdaten
Performance data

3~ 460V ±10% Δ
60Hz IP10

Anschlussschaltbild 106XB
Connection diagram

P_1	**5,9**	kW
I	**8,2**	A
n	**1220**	min^{-1}
I_A	18	A
ΔI	0	%
t_R	40	°C
$p_{sF(min)}$ ③	470	Pa
m	53	kg

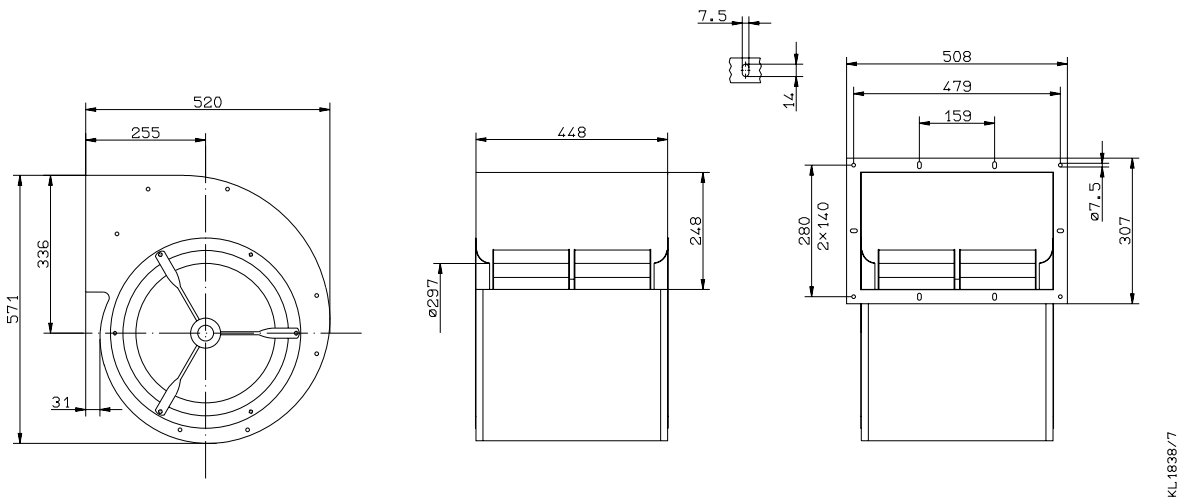
Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		2,2	1300	1700	
②	**460**	5,9	4300	1420	88
③		**8,2**	**5900**	**1220**	91

$p_{d2} = 3{,}7 \cdot 10^{-6} \cdot q_V^2$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 400V ±10% Δ 60Hz	5,2	8,2	1100	16	0	88



Radialventilator zweiflutig — *Centrifugal fan double inlet*

RD40S-4DW.7W.AL

Art.Nr. ohne Flansch
Art.no. without flange
129 187
Art.Nr. mit Flansch
Art.no. with flange
129 188

Gehäuse aus Stahlblech
Scroll made of sheet steel

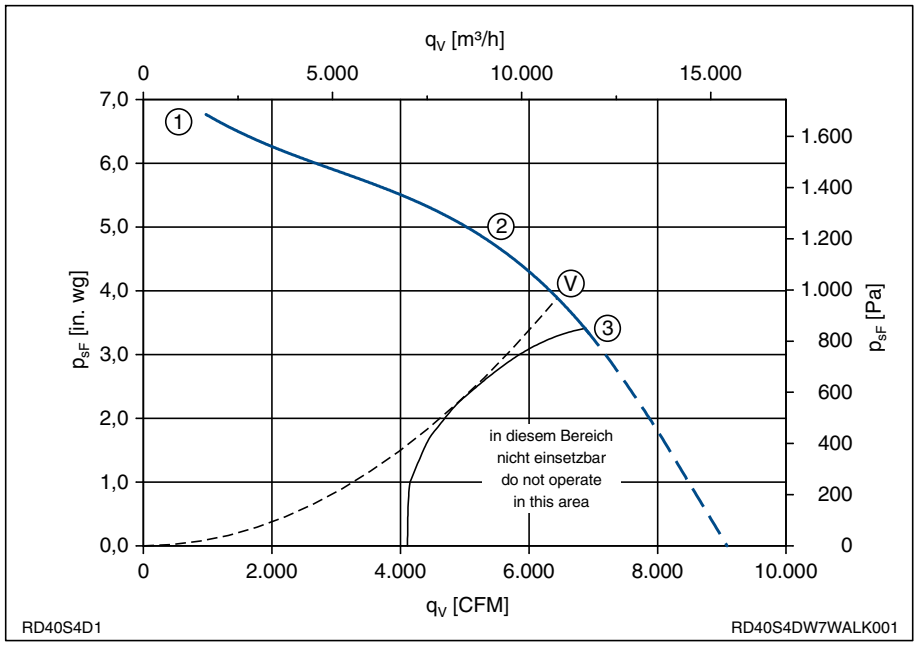
Leistungsdaten
Performance data

3~ 460V ±10% Δ
60Hz IP54

Anschlussschaltbild 106XB
Connection diagram

P_1	**9,8**	kW
I	**13,5**	A
n	**1480**	min^{-1}
I_A	49	A
ΔI	-	%
t_R	40	°C
$p_{sF(min)}$ ③	850	Pa
m	83	kg

Kennliniendaten
Characteristic data



	U	I	P_1	n	L_{WA}
	V	A	W	min^{-1}	dB
①		5,4	3000	1710	
②	**460**	10	7000	1580	95
③		**13,5**	**9800**	**1480**	96

	I	P_1	n	ΔI	$p_{sF\ (min)}$
	A	W	min^{-1}	%	Pa
Ⓥ	12,5	9100	1460	10	970

$p_{d2} = 4{,}0 \cdot 10^{-6} \cdot q_V^2$

	P_1	I	n	I_A	ΔI	L_{WA}
	kW	A	min^{-1}	A	%	dB
3~ 400V ±10% Δ 60Hz	8,6	13,5	1410	43	0