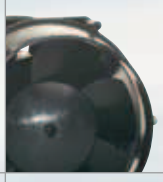
Rohrventilatoren
Tube Fans



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Schallgedämmte Rohrventilatoren
Silent Tube Fans
SDB

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Rohrventilatoren
Tube Fans
RFE/RF/RS/RK/ERM/DRM

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Zubehör
Accessories
RSV/RSG/RVE/RVK/WVK

2

Typenschlüssel — *Fan type code*

RF E 150

Nennweite / *Impeller diameter*
100, 125, 150

Motorversion / *Motor type*
E = Einphasenwechselstrom
Single-phase A.C.
G = Einphasengleichstrom
Single-phase D.C.

Eigenschaften und Ausführung

Die Rohrventilatoren der Baureihe RFE und RFG sind kompakte Mixed-Flow Ventilatoren mit integriertem Nachleitrad. Beide Seiten können direkt in die Rohrleitung eingesteckt und mit Schnellverbindern fixiert werden.

Gehäuse

Die Gehäuse bestehen aus gespritztem schwarzem Polypropylen. Sie sind in den Baureihen so aufgebaut, daß sich die nächst kleinere Baugröße durch Aufstecken von Übergangsflanschen auf das Gehäuse ergibt. Dadurch ist eine günstige Lagerhaltung möglich.

Die Ventilatoren entsprechen der Schutzart IP54.

Motor

RFE - Es werden 3-stufige Einphasen-Wechselstrom-Motoren eingesetzt.

RFG - Es werden elektronisch kommutierte Gleichstrommotoren mit geringer Stromaufnahme verwendet.

Regelgerät

RFE - Zur einfachen Regelung kann ein Stufenschalter eingesetzt werden.Für feinere Regelungen können die üblichen Regelgeräte für Einphasen-Wechselstrom verwendet werden.

Luftleistungskennlinien

Die Kennlinien in diesem Katalog wurden mittels einem saugseitigen Kammerprüfstand entsprechend der DIN 24 163 in Einbauart B aufgenommen und zeigen die statische Druckerhöhung Δp_{fa} als Funktion des Volumenstroms.

Montage

Die RFE/G-Ventilatoren werden direkt mit Rohrschnellverbindern in das Lüftungsrohr eingebaut. Durch ihre geringe Bauhöhe sind sie ideal für den Einbau in Zwischendecken geeignet.

Design features

Series RFE and RFG tube fans are Mixed-Flow fans fans with integrated guide vane. Both sides of the fan can be fitted into the tube and can be fixed with fastening clamps.

Casing

The housing is made of injection-mould black PP. The fan series is designed in a way that smaller diameters can be achieved by fitting reduction flanges to the standard diameter fans.

The fans have protection class IP 54

Motor

RFE - 3-step single-phase motors are fitted.

RFG - Fans are driven by electronically commutated DC-motors with low power consumption.

Control unit

RFE - For simple set-ups a step switch is sufficient. A more sensitive control can be achieved by standard controllers for single phase AC.

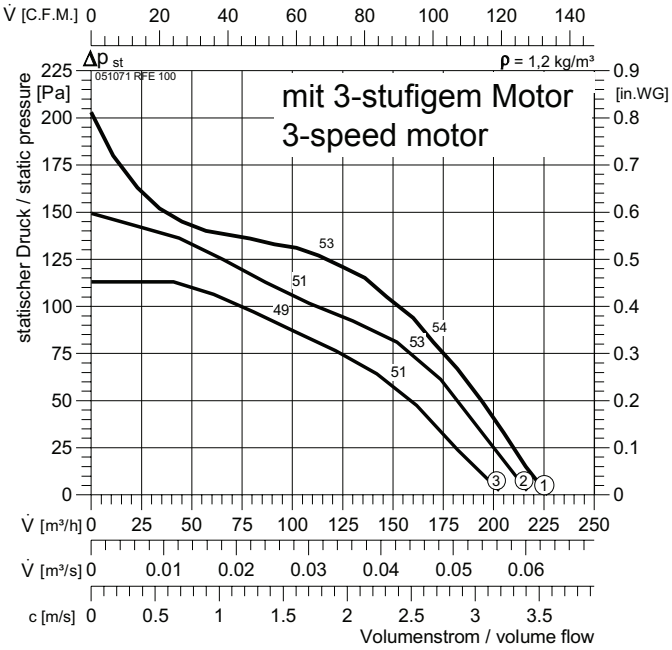
Fan performance curves

The performance curves in this catalogue have been established using the inlet test method in a test chamber according to DIN 24 163, mounting position B. The curves indicate the static pressure increase Δp_{fa} as a function of the volume flow.

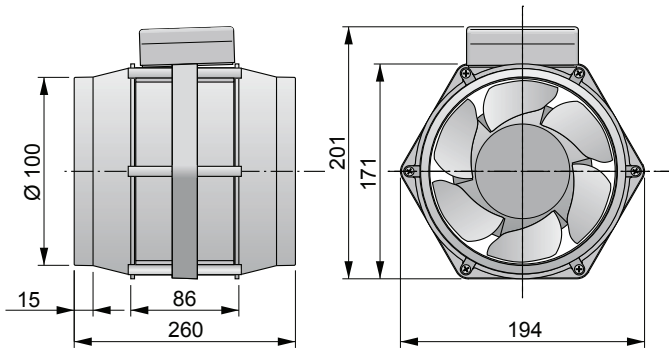
Installation

The RFE/G-type inline tube fans are directly mounted into the tube and fixed by clamps. Due to it's very low height the RF-type is ideal for use in false ceilings.

RFE 100

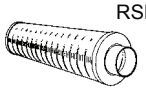


Typ :	RFE 100		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051071		E19a	$L_{WA\,tot}$	-13	2	0
:	1,3	kg	GS 1	125 Hz	-21	-15	-15
U :	230 V 50 Hz		FWG-4	250 Hz	-19	-7	-7
P_1 :	0,035	kW	NE 0,5	500 Hz	-19	-3	-7
I_N :	0,15	A	RPE 02	1 kHz	-20	-4	-5
n :	2800	min^{-1}		2 kHz	-23	-4	-7
C_{400V} :	1	µF		4 kHz	-27	-12	-13
t_R :	40	°C		8 kHz	-36	-20	-22

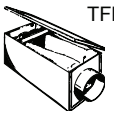


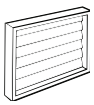
Zubehör Seite / *Accessories page* 70-73

RSV

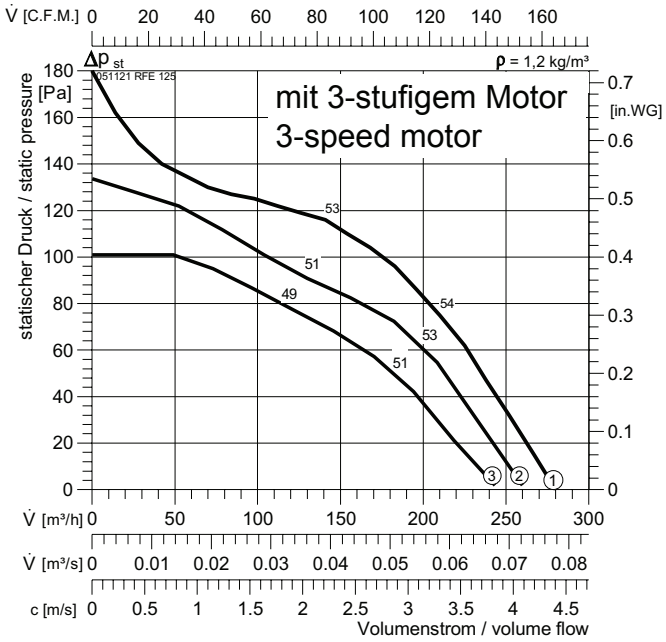

RSD

RVK

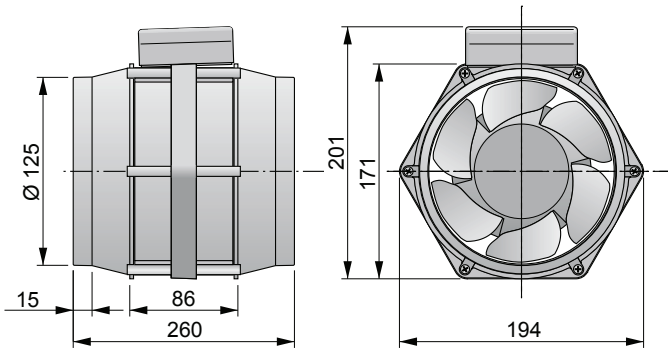

TFB-PTC


WVK

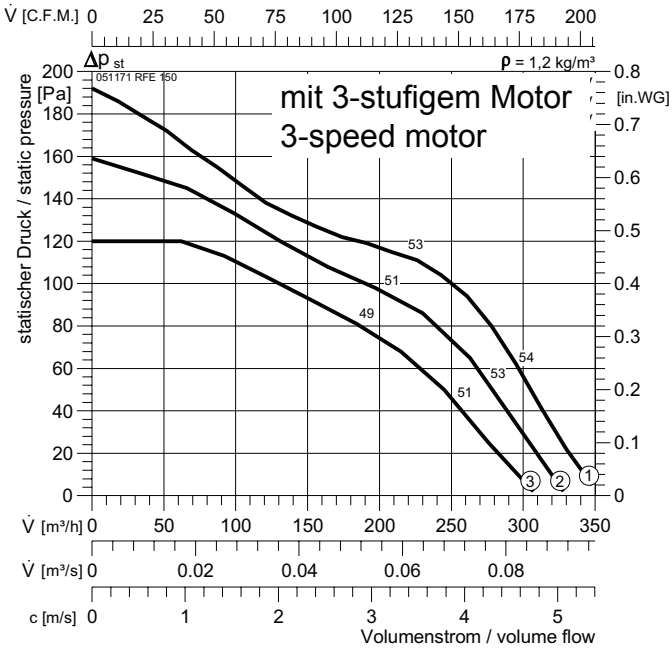
RFE 125



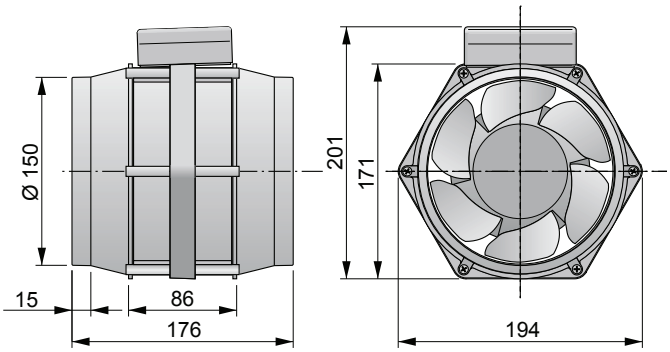
Typ :	RFE 125		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051121		E19a	$L_{WA\,tot}$	-13	2	0
:	1,3	kg	GS 1	125 Hz	-21	-15	-15
U :	230 V 50 Hz		FWG-4	250 Hz	-19	-7	-7
P_1 :	-	kW	NE 0,5	500 Hz	-19	-3	-7
I_N :	0,15	A	RPE 02	1 kHz	-20	-4	-5
n :	2800	min^{-1}		2 kHz	-23	-4	-7
C_{400V} :	1	µF		4 kHz	-27	-12	-13
t_R :	40	°C		8 kHz	-36	-20	-22



RFE 150



Typ :	RFE 150		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051171		E19a	$L_{WA\,tot}$	-13	2	0
:	1,3	kg	GS 1	125 Hz	-21	-15	-15
U :	230 V 50 Hz		FWG-4	250 Hz	-19	-7	-7
P_1 :	0,035	kW	NE 0,5	500 Hz	-19	-3	-7
I_N :	0,15	A	RPE 02	1 kHz	-20	-4	-5
n :	2800	min^{-1}		2 kHz	-23	-4	-7
C_{400V} :	1	µF		4 kHz	-27	-12	-13
t_R :	40	°C		8 kHz	-36	-20	-22



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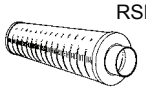
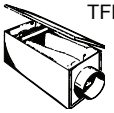
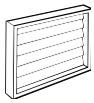
RSV


RSD

RVK


TFB-PTC


WVK

Rohrventilatoren
Tube Fans

2

Typenschlüssel
Fan type code

RF 150

Nennweite / *Impeller diameter*
100, 150

Rohrventilator / *Inline tube fan*

Eigenschaften und Ausführung

Rohrventilatoren der Baureihe RF sind Radial-Ventilatoren mit saug- und druckseitig rundem Rohranschluß. Beide Seiten können direkt in die Rohrleitung eingesteckt und mit Schnellverbindern fixiert werden.

Gehäuse

Die Gehäuse bestehen senzimierverzinktem Stahlblech.
Die Ventilatoren entsprechen der Schutzart IP44.

Motor

RF - Es werden 3-stufige Einphasen-Wechselstrom-Motoren eingesetzt.

Regelgerät

RF - Zur einfachen Regelung kann ein Stufenschalter eingesetzt werden. Für feinere Regelungen können die üblichen Regelgeräte für Einphasen-Wechselstrom verwendet werden.

Montage

Die RF-Ventilatoren werden direkt mit RSV Rohrschnellverbindern in das Lüftungsrohr eingebaut. Durch ihre geringe Bauhöhe sind sie ideal für den Einbau in Zwischendecken geeignet.

Luftleistungskennlinien

Die Kennlinien in diesem Katalog wurden mit einem saugseitigen Kammerprüfstand entsprechend der DIN 24 163 in Einbauart B aufgenommen und zeigen die statische Druckerhöhung Δp_{fa} als Funktion des Volumenstroms.

Schallentwicklung

In den Luftleistungskennlinien ist der A-bewertete Freiausblas-Schallleistungspegel L_{WA6} angegeben.

Der A-bewertete Freiansaug-Schallleistungspegel L_{WA5} nach DIN 45 635, Teil 38 kann über die relativen Schallleistungspegel genau ermittelt werden, oder nach folgender Berechnung näherungsweise bestimmt werden:
$L_{WA5} \approx L_{WA6}$ **- 6 dB**

Der A-bewertete Gehäuse-Schallleistungspegel L_{WA2} nach DIN 45 635, Teil 38 kann über die relativen Schallleistungspegel genau ermittelt werden, oder nach folgender Berechnung näherungsweise bestimmt werden:
$L_{WA2} \approx L_{WA6}$ **- 17 dB**

Den A-bewerteten Schalldruckpegel L_{PA} in 1 m Abstand erhält man annähernd indem man vom A-Schallleistungspegel 7 db(A) abzieht:
$L_{PA(1m)} \approx L_{WA2}$ **- 7 dB**

Zu beachten ist, dass Reflexionen und Raumcharakteristik sowie Eigenfrequenzen die Größe des Schalldruckpegels unterschiedlich beeinflussen. Um Körperschallübertragungen auf ein angeschlossenes Kanalsystem zu vermeiden, empfehlen wir den Einsatz unserer flexiblen Kanalverbindungsstücke.

Für genauere Berechnungen bei Schallschutzmaßnahmen ist der Schallleistungspegel der Oktavbänder (A-bewertet) von Bedeutung, welcher wie folgt ermittelt wird:
$L_{WAokt} = L_{WA6} + L_{WArel}$

Die relativen Oktav-Schallleistungspegel L_{WArel} bei den Oktav-Mittelfrequenzen sind den Leistungskurven des Ventilators zu entnehmen. Sie sind bei 0,5 x Vmax ermittelt worden.

Design features

RF-series tube fans are centrifugal fans with circular connections at inlet and outlet sides. Both sides can easily be fitted into the tube by means of RSV fastening clamps.

Casing

The housing is made of galvanized sheet steel.
The fans correspond to protection class IP 44

Motor

RF fans are fitted with a 3-step single-phase motor.

Control unit

For simple set-ups a step switch is sufficient. A more sensitive control can be achieved by standard controllers for single phase AC.

Installation

The RF-type inline tube fans are directly mounted into the tube and fixed by clamps. Due to it's very low height the RF-type is ideal for use in false ceilings.

Fan performance curves

The performance curves in this catalogue have been established using the inlet test method in the test chamber according to DIN 24 163, mounting position B. The curves indicate the static pressure increase Δp_{fa} as a function of the volume flow.

Sound levels

The figures quoted in the performance curves are the "A" decibel figures which are the sound power levels L_{WA6} at the outlet side in duct systems.

The "A" sound power level at the inlet side L_{WA5}, according to DIN 45 635, part 38, can be calculated via the relative sound power levels (see below) or is obtained approximately as follows:
$L_{WA5} \approx L_{WA6}$ **- 6 dB**

The "A" casing sound power level L_{WA2}, according to DIN 45 635, part 38, can be calculated via the relative sound power levels (see below) or is obtained approximately as follows:
$L_{WA2} \approx L_{WA6}$ **- 17 dB** - for EKN or DKN
$L_{WA2} \approx L_{WA6}$ **- 25 dB** - for EKNS or DKNS

The "A" sound pressure level L_{PA} at a distance of 1 metre is obtained approximately by deducting 7 dB(A) from the "A" sound power level.:
$L_{PA(1m)} \approx L_{WA2}$ **- 7 dB**

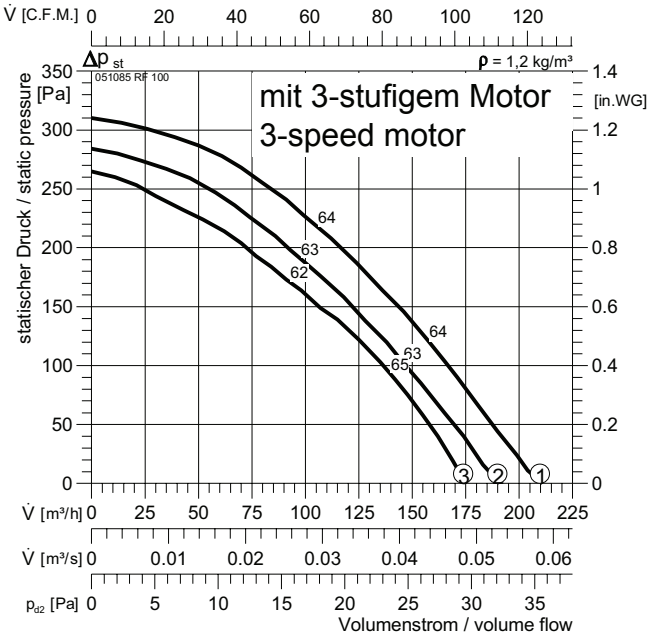
It is important to note that reflexion and environmental characteristic as well as natural frequencies differently influence the sound pressure levels In order to avoid structure-borne noise transfer to a connected duct system we recommend the use of flexible duct connection.

The A-weighted octave sound power level is important for the choice of suitable sound attenuators. It is obtained as follows:
$L_{WAokt} = L_{WA6} + L_{WArel}$

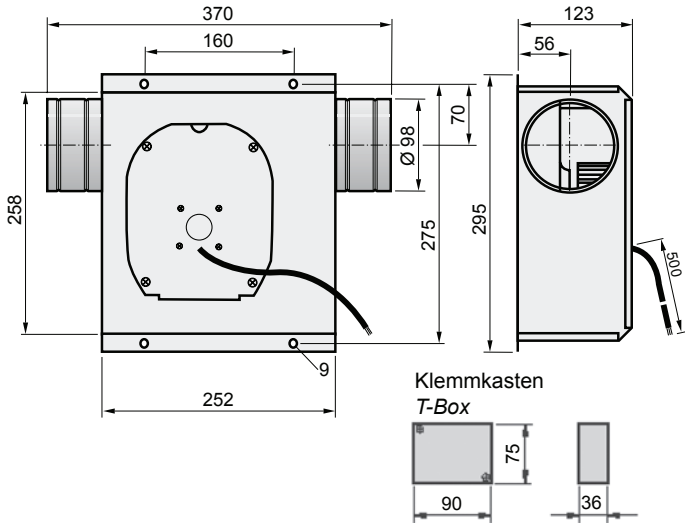
The relative octave sound power level L_{WArel} at octave medium frequency can be taken from the tables at respective fan. These levels has been established at 0.5 x Vmax.

RF

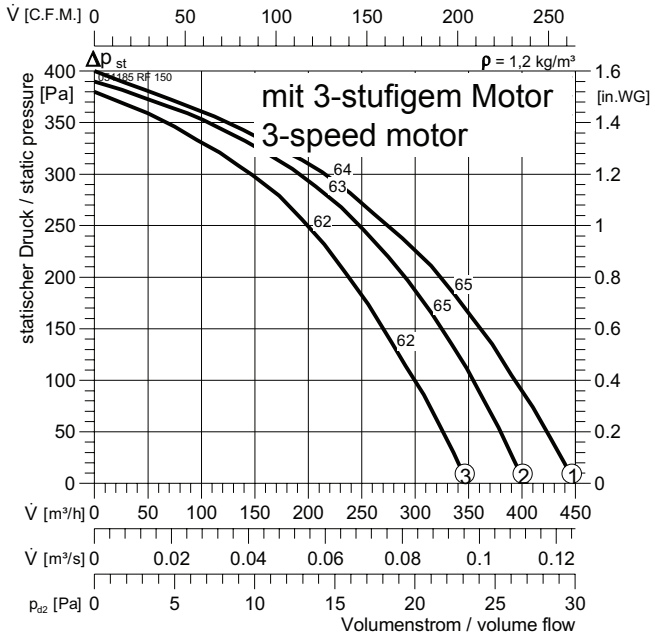
RF 100



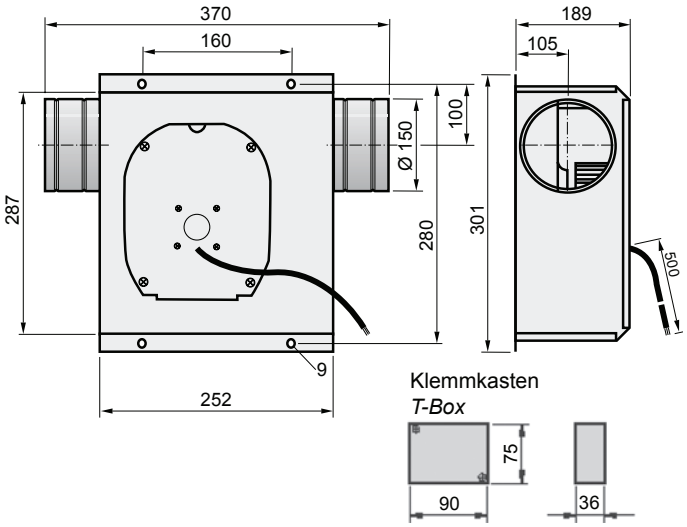
Typ :	RF 100		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051085		E19b	$L_{WA\,tot}$	-17	-6	0
:	4,2	kg	GS 1	125 Hz	-22	-19	-16
U :	230 V 50 Hz		FWG 4	250 Hz	-24	-21	-14
P_1 :	0,073	kW	NE 0,5	500 Hz	-26	-12	-8
I_N :	0,31	A	RPE 02	1 kHz	-24	-11	-5
n :	2400	min^{-1}		2 kHz	-29	-13	-6
C_{400V} :	2	µF		4 kHz	-34	-15	-7
t_R :	50	°C		8 kHz	-41	-24	-17



RF 150



Typ :	RF 150		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051185		E19b	$L_{WA\,tot}$	-17	-6	0
:	5,1	kg	GS 1	125 Hz	-22	-19	-16
U :	230 V 50 Hz		FWG 4	250 Hz	-24	-21	-14
P_1 :	0,137	kW	NE 1,5	500 Hz	-26	-12	-8
I_N :	0,59	A	RPE 02	1 kHz	-24	-11	-5
n :	2195	min^{-1}		2 kHz	-29	-13	-6
C_{400V} :	4	µF		4 kHz	-34	-15	-7
t_R :	50	°C		8 kHz	-41	-24	-17



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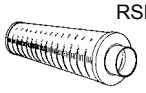
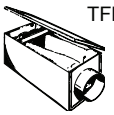
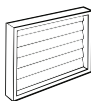
RSV


RSD

RVK


TFB-PTC


WVK

2

Typenschlüssel *Fan type code*

_ R K 100 M

Motorversion / *Motor type*
M, L

Nennweite / *Impeller diameter*
100...500

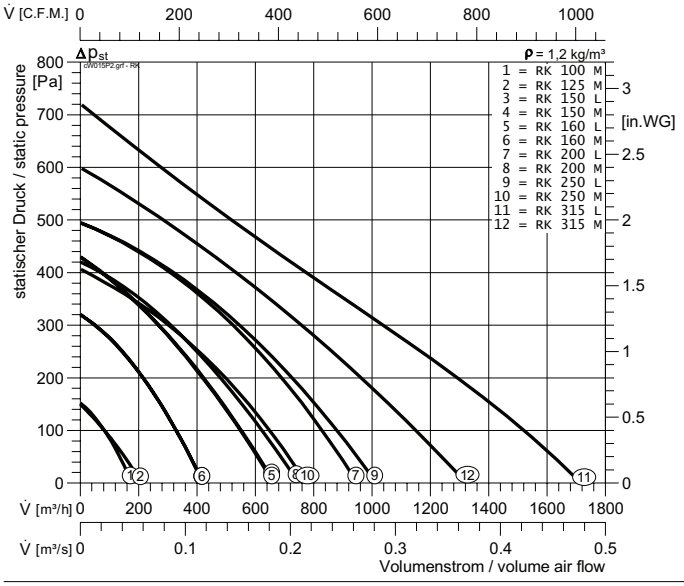
Gehäuse / *Casing*
S = Stahl / *Steel*
K = Kunststoff / *Plastic*

Rohrventilator / *Inline tube fan*

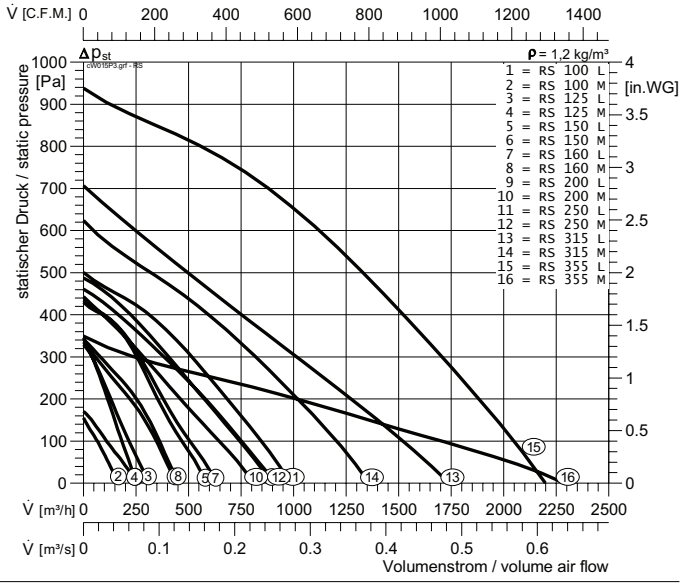
Motorversion / *Motor type*
E = Einphasenwechselstrom / *Single-phase A.C. 220 V*
D = Drehstrom / *Three-phase*

Schnellauswahl *Quick selection*

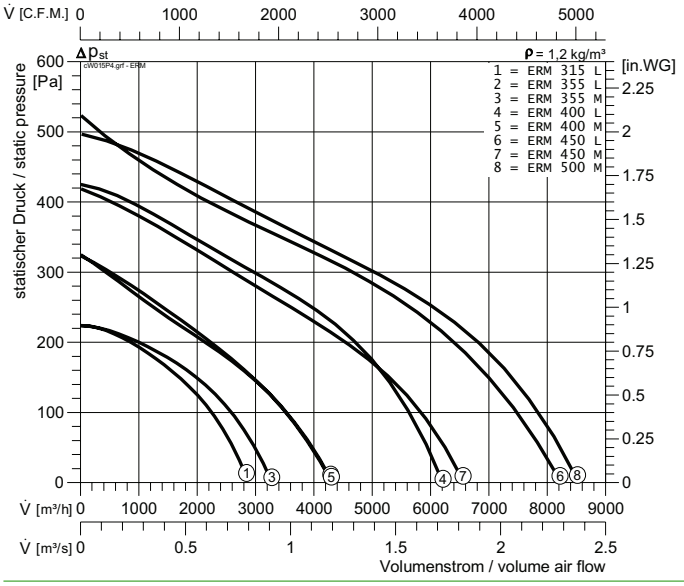
RK



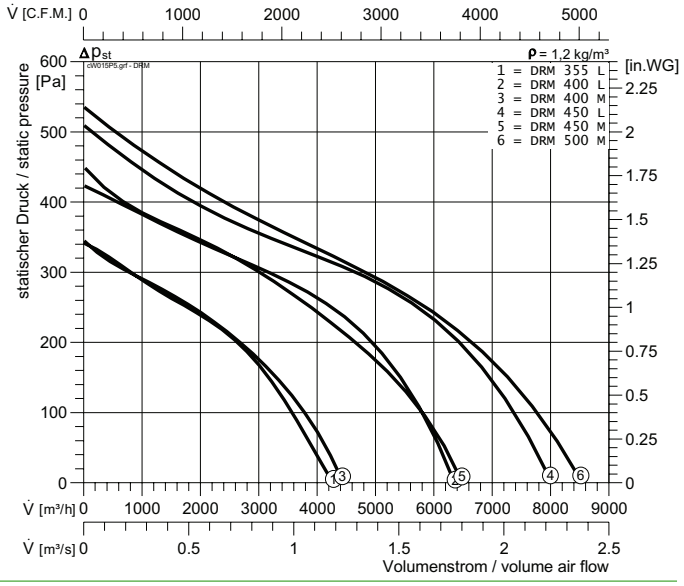
RS



ERM



DRM



Eigenschaften und Ausführung

Rohrventilatoren vereinen die Vorteile des Axialventilators - gerade Durchströmung und einfache Montage - mit der hohen Druckstabilität, niedrigem Schallniveau und ausgezeichnetem Wirkungsgrad des Radialventilators.

Gehäuse

Kunststoff-Ausführung:

Die Größen RK 100 - 315 haben ein formschönes, schlagfestes, schwer entflammbares, hellgraues Kunststoffgehäuse mit integriertem Klemmkasten in Schutzart IP44 und Nachleitwerk.

Stahl-Ausführung:

Die Größen RS 100 - 355 und ERM / DRM 315 - 500 haben ein pulverbeschichtetes Gehäuse aus Stahlblech.

Laufrad

Es werden rückwärts gekrümmte Radiallaufräder aus Stahlblech eingesetzt.

Die Laufräder sind direkt auf die Rotoren der Außenläufermotoren aufgebaut und zusammen mit diesen entsprechend Gütestufe G 2,5 nach DIN ISO 1940 auf zwei Ebenen gewuchtet.

Motor

Der Antrieb erfolgt durch einen im Radialrad eingebauten Außenläufermotor der Schutzart IP 44. Die elektrische Ausführung entspricht der VDE 0530, Isolierstoffklasse B mit zusätzlicher Feuchtschutzimprägnierung. Ab Größe RK 150 mit Temperaturwächter in der Wicklung verschaltet. Die Lieferung erfolgt montagebereit in Einzelkartons.

Elektrischer Anschluss

Die Motoren sind auf einen außen am Gehäuse angebrachten Klemmkasten verdrahtet.

Luftleistungskennlinien

Die Kennlinien für diese Typenreihe wurden in Einbauart B (frei ansaugend, druckseitig angeschlossen) aufgenommen und zeigen die statische Druckerhöhung Δp_{st} als Funktion des Volumenstroms. Der dynamische Druck p_{d2} ist auf den Flanschquerschnitt am Ventilatoraustritt bezogen.

Schallentwicklung

Die Ermittlung der Schallleistungspegel erfolgt nach dem Hüllflächenverfahren nach DIN 45 635, Teil 38.

In den Kennlinien ist der A-bewertete Freiblas-Schallleistungspegel L_{WA6} nach DIN 45635, Teil 38 angegeben. Der A-bewertete Freiansaug-Schallleistungspegel L_{WA5} nach DIN 45 635, Teil 38 wird wie folgt ermittelt:

$$L_{WA5} = L_{WA6} - 3\ dB(A)$$

Der für die Auslegung von Schalldämpfern maßgebende Schallleistungspegel in den einzelnen Oktavbereichen kann aus folgender Formel ermittelt werden:

$$L_{WAOkt} = L_{WA6} + L_{WArel}$$

Die relativen Oktav-Schallleistungspegel L_{WArel} bei den Oktav-Mittelfrequenzen sind den Tabellen des Ventilators zu entnehmen. Sie sind bei 0,5 x Vmax ermittelt worden.

Den A-bewerteten Schalldruckpegel L_{PA} in 1m Abstand erhält man annähernd, indem man vom A-Schallleistungspegel L_{WA} 7 dB (A) abzieht.

Zu beachten ist, dass Reflexionen und Raumcharakteristik sowie Eigenfrequenzen die Größe des Schalldruckpegels unterschiedlich beeinflussen.

Design features

Tube fans unite the advantages of the axial fan - straight airflow and easy installation - with the high pressure stability, low noise level and high efficiency of centrifugal fans.

Casing

Plastic casing:

The housing of the RK tube fans is made of a a sturdy and flame redardant light grey plastic material and is fitted with an integrated terminal box and guide vane.

Steel casing:

Casings of sizes RS 100-355 and ERM / DRM 315 - 500 are made of powder coated sheet metal.

Impeller

Backward-curved centrifugal impellers made of sheet steel or plastic. The impellers are fitted directly onto the external rotor motor. The motorized impeller unit is balanced in two planes to quality level G 2.5 (DIN ISO 1940).

Motor

WOLTER tube fans are driven by an external rotor motor of protection class IP 44, fitted within the radial impeller. The electrical connection is according to VDE 0530, insulation material class B with additional moisture impregnation. From size RK 150 up to size 315, all units are equipped with thermal contacts inserted in the motor winding. Fans are delivered ready for installation in individual boxes.

Electrical connection

The motors are wired to an external terminal box.

Fan performance curves

The performance curves for these fan types have been established in mounting position B (connected on the pressure side and open on the suction side) and show the static pressure rise Δp_{st} in reference to the volume air flow. The given dynamic pressure p_{d2} refers to the flange cross-sectional area at the outlet side of the fan.

Sound levels

The ascertaining of the sound level follows the enveloping surface method according to DIN 45 635 section 38.

The data tables show the A-weighted sound power level L_{WA6}, at the outlet side, unducted, in decibel figures.

The A-weighted sound power level at the inlet side L_{WA5} according to DIN 45 635, part 38, is obtained as follows:

$$L_{WA5} = L_{WA6} - 3\ dB(A)$$

The octave sound power level is important for the choice of suitable sound attenuators. It is obtained as follows.

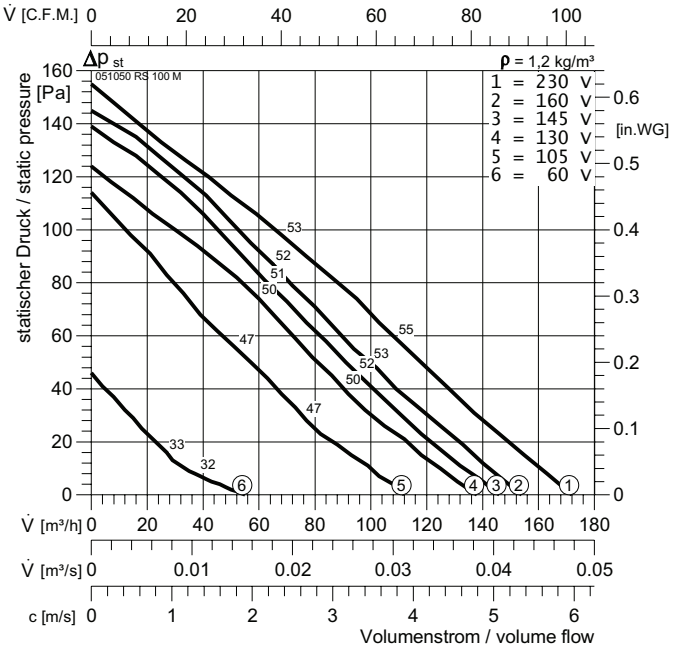
$$L_{WAOkt} = L_{WA6} + L_{WArel}$$

The relative octave sound power level L_{WArel} at octave medium frequency can be taken from the tables at respective fan. These levels has been established at 0.5 x Vmax.

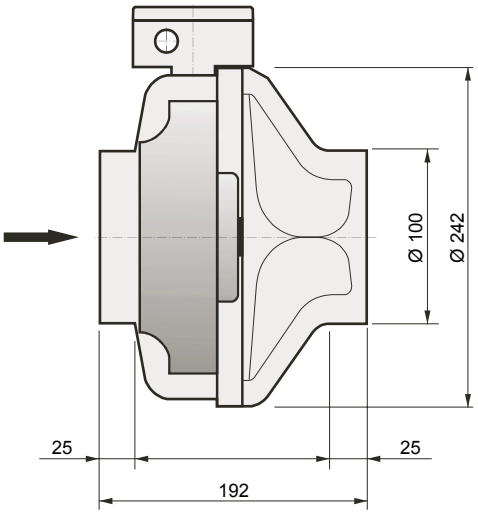
The A-weighted sound pressure level L_{PA} at a distance of 1 metre is obtained approximately by deducting 7 dB(A) from the A-weighted sound power level L_{WA}.

It is important to note that reflexion and room characteristics as well as natural frequencies differently influence the sound pressure levels.

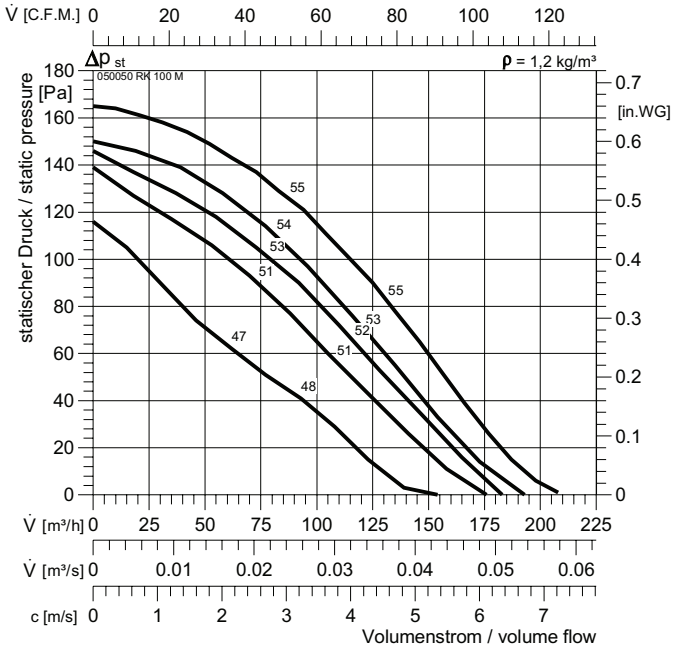
RS 100 M



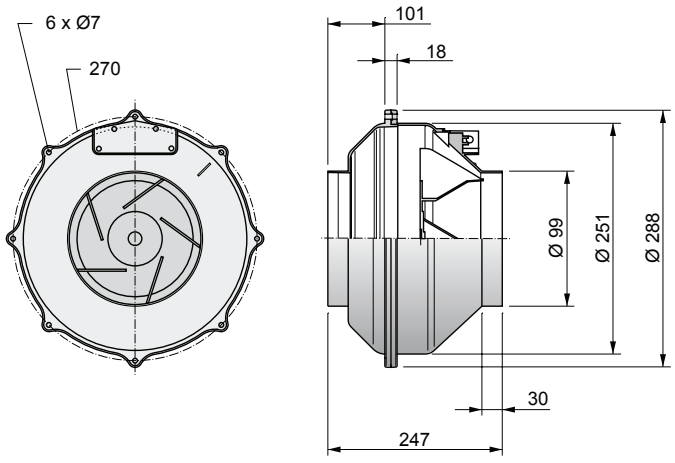
Typ :	RS 100 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051050		E11	$L_{WA\,tot}$	-15	-1	0
:	2,1	kg	GS 1	125 Hz	-24	-15	-15
U :	230 V 50 Hz		NE 1,5	250 Hz	-21	-7	-8
P_1 :	0,023	kW	RPE 02 A	500 Hz	-22	-6	-5
I_N :	0,11	A		1 kHz	-22	-7	-5
n :	2695	min^{-1}		2 kHz	-22	-10	-8
C_{400V} :	1	µF		4 kHz	-31	-19	-16
t_R :	70	°C		8 kHz	-36	-28	-26



RK 100 M



Typ :	RK 100 M		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050050		E11	$L_{WA\,tot}$	-17	-1	0
:	1,95	kg	GS 1	125 Hz	-35	-15	-14
U :	230 V 50 Hz		NE 0,5	250 Hz	-27	-3	-2
P_1 :	0,023	kW	RPE 02	500 Hz	-22	-7	-6
I_N :	0,11	A		1 kHz	-24	-10	-9
n :	2695	min^{-1}		2 kHz	-25	-16	-15
C_{400V} :	1	µF		4 kHz	-29	-23	-22
t_R :	70	°C		8 kHz	-34	-31	-30



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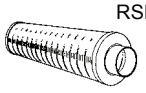
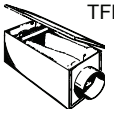
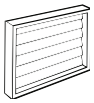
RSV

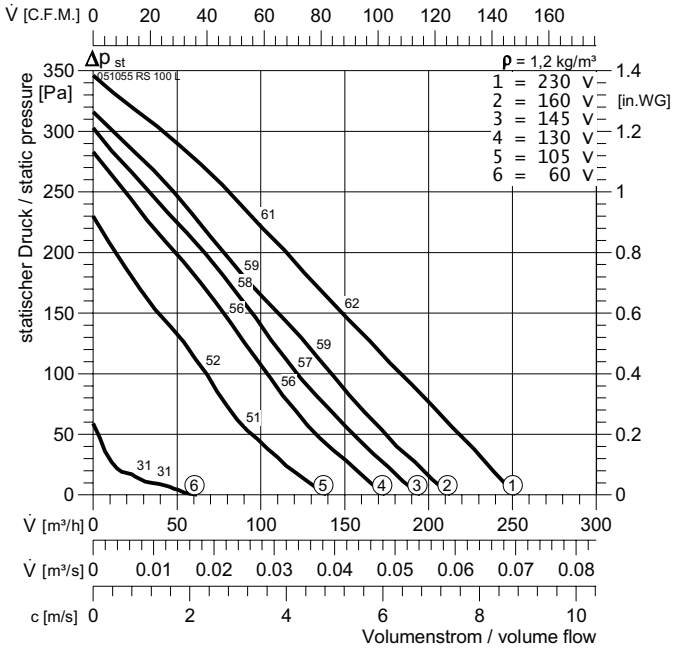

RSD

RVK

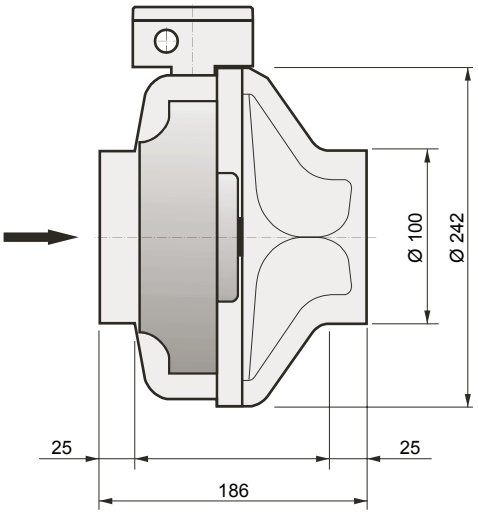

TFB-PTC


WVK

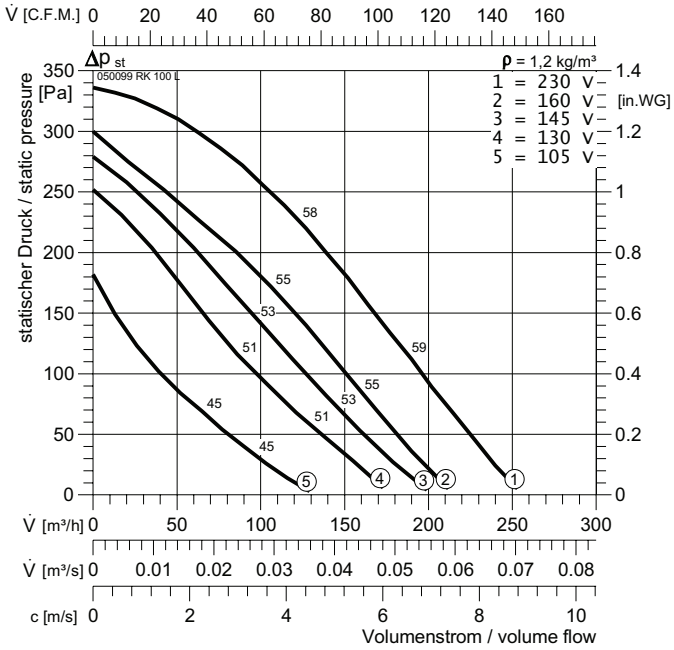
RS 100 L



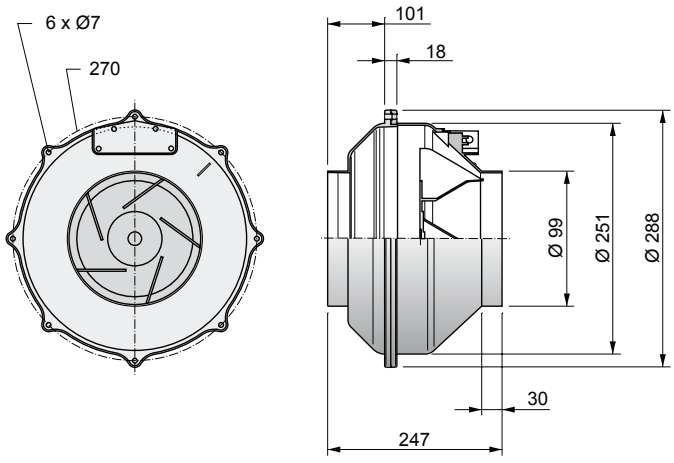
Typ :	RS 100 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051055		E11	$L_{WA\,tot}$	-14	0	0
:	3,3	kg	GS 1	125 Hz	-26	-17	-18
U :	230 V 50 Hz		NE 0,5	250 Hz	-20	-9	-8
P_1 :	0,065	kW	RPE 02	500 Hz	-21	-6	-6
I_N :	0,30	A		1 kHz	-20	-5	-5
n :	2470	min^{-1}		2 kHz	-21	-8	-7
C_{400V} :	2	µF		4 kHz	-29	-11	-12
t_R :	70	°C		8 kHz	-36	-21	-22



RK 100 L



Typ :	RK 100 L			$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050099			$L_{WA\,tot}$	-17	-1	0
:	1,95	kg	IP44 E11	125 Hz	-35	-15	-14
U :	230 V 50 Hz			250 Hz	-27	-3	-2
P_1 :	0,058	kW		500 Hz	-22	-7	-6
I_N :	0,26	A		1 kHz	-24	-10	-9
n :	2670	min^{-1}		2 kHz	-25	-16	-15
C_{400V} :	2	µF		4 kHz	-29	-23	-22
t_R :	70	°C		8 kHz	-34	-31	-30



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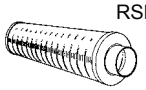
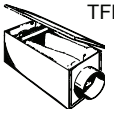
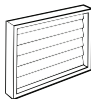
RSV

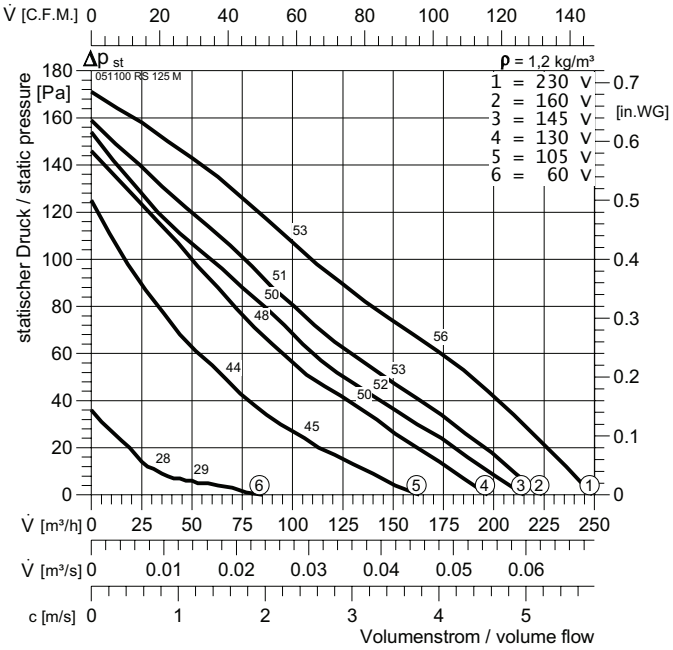

RSD

RVK

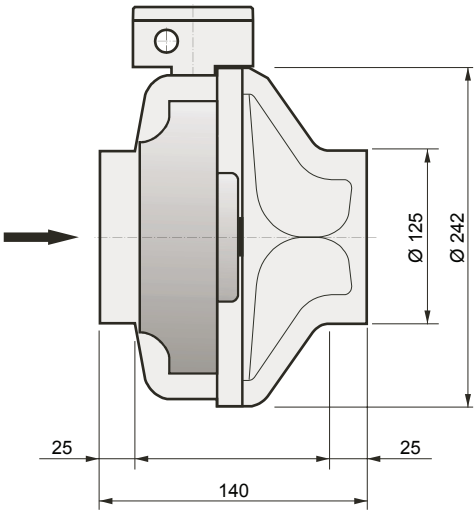

TFB-PTC


WVK

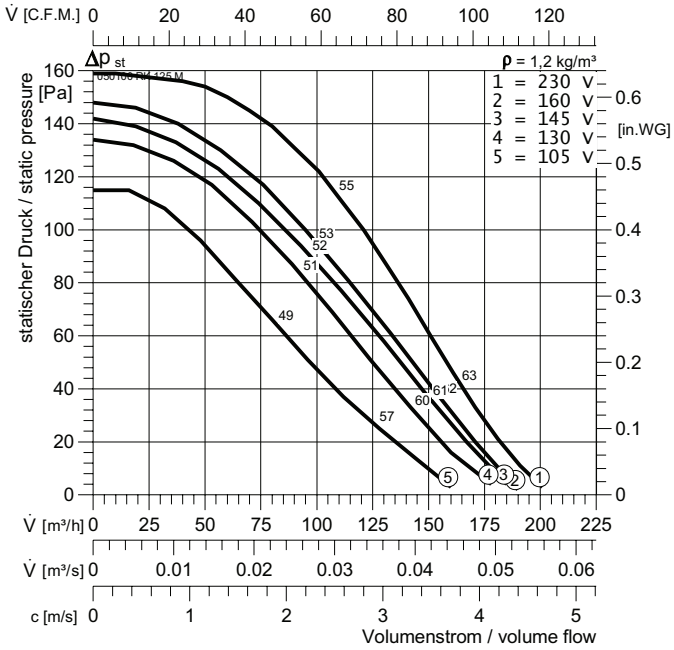
RS 125 M



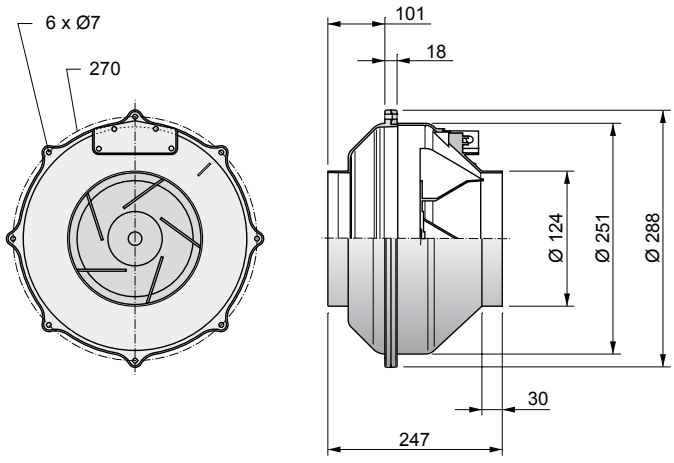
Typ :	RS 125 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051100		E11	$L_{WA\,tot}$	-15	-1	0
:	2,2	kg	GS 1	125 Hz	-24	-15	-15
U :	230 V 50 Hz		NE 0,5	250 Hz	-21	-7	-8
P_1 :	0,023	kW	RPE 02 A	500 Hz	-22	-6	-5
I_N :	0,11	A		1 kHz	-23	-7	-5
n :	2695	min^{-1}		2 kHz	-23	-10	-8
C_{400V} :	1	µF		4 kHz	-32	-19	-16
t_R :	70	°C		8 kHz	-37	-28	-26



RK 125 M



Typ :	RK 125 M		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050100		E11	$L_{WA\,tot}$	-20	-1	0
:	2,05	kg	GS 1	125 Hz	-28	-13	-12
U :	230 V 50 Hz		NE 0,5	250 Hz	-31	-5	-4
P_1 :	0,023	kW	RPE 02	500 Hz	-27	-6	-5
I_N :	0,11	A		1 kHz	-27	-13	-12
n :	2695	min^{-1}		2 kHz	-26	-10	-9
C_{400V} :	1	µF		4 kHz	-31	-21	-20
t_R :	70	°C		8 kHz	-37	-27	-26



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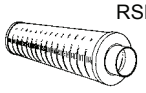
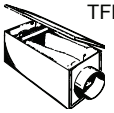
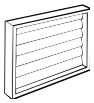
RSV

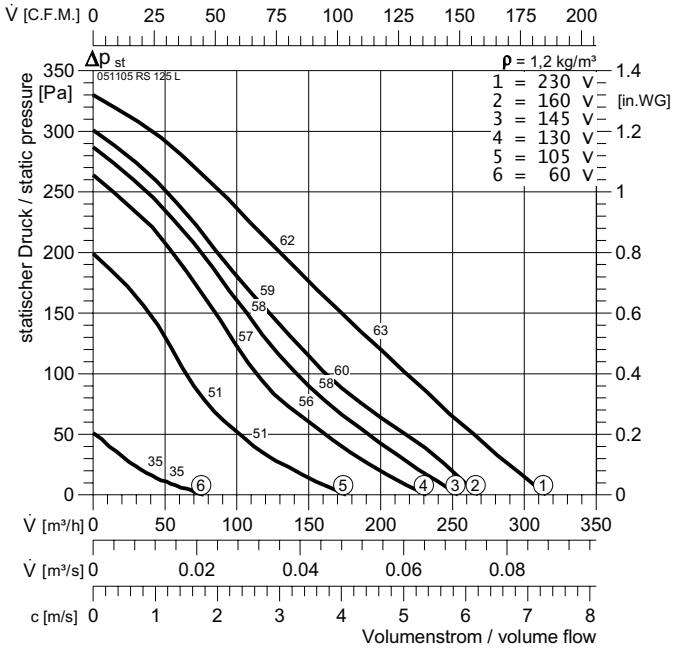

RSD

RVK

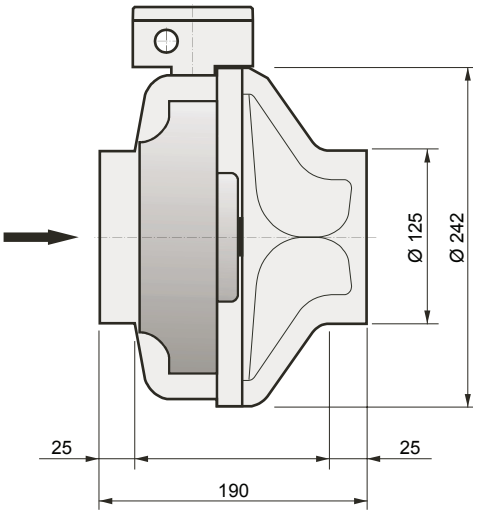

TFB-PTC


WVK

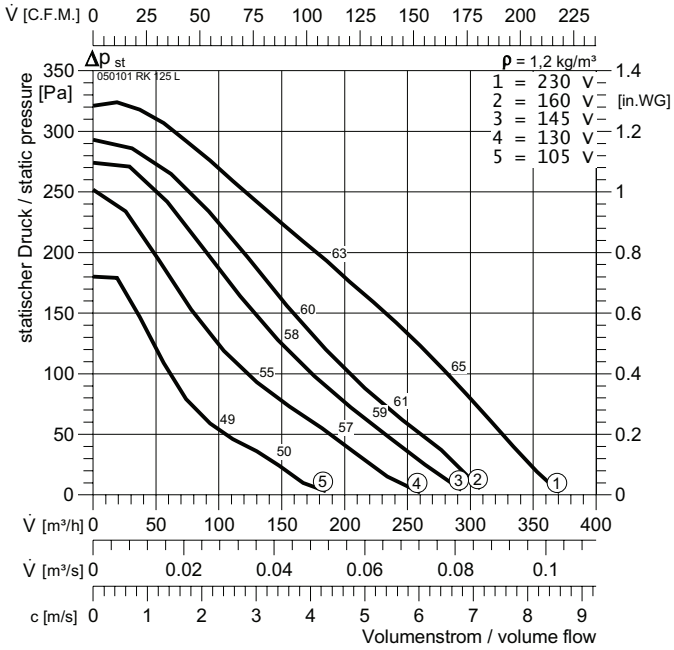
RS 125 L



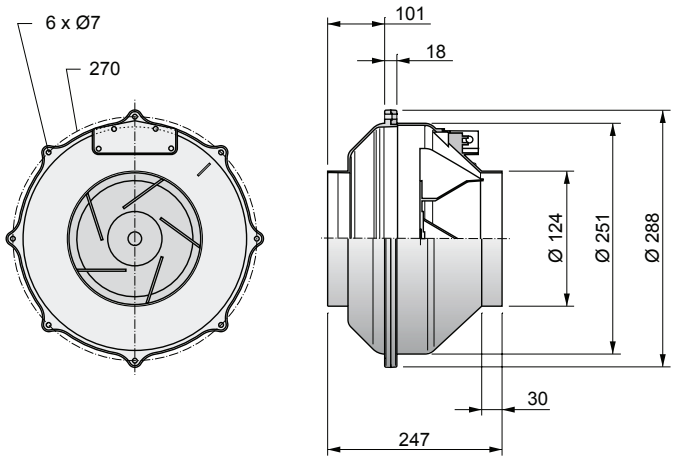
Typ :	RS 125 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051105		E11	$L_{WA\,tot}$	-14	0	0
:	3,3	kg	GS 1	125 Hz	-27	-15	-16
U :	230 V 50 Hz		NE 0,5	250 Hz	-21	-10	-8
P_1 :	0,065	kW	RPE 02 A	500 Hz	-21	-7	-7
I_N :	0,3	A		1 kHz	-20	-4	-5
n :	2480	min^{-1}		2 kHz	-20	-7	-7
C_{400V} :	2	µF		4 kHz	-27	-11	-10
t_R :	70	°C		8 kHz	-35	-20	-21



RK 125 L



Typ :	RK 125 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050101		E11	$L_{WA\,tot}$	-20	-1	0
:	2,05	kg	GS 1	125 Hz	-28	-13	-12
U :	230 V 50 Hz		NE 0,5	250 Hz	-31	-5	-4
P_1 :	0,062	kW	RPE 02 A	500 Hz	-27	-6	-5
I_N :	0,29	A		1 kHz	-27	-13	-12
n :	2500	min^{-1}		2 kHz	-26	-10	-9
C_{400V} :	2	µF		4 kHz	-31	-21	-20
t_R :	70	°C		8 kHz	-37	-27	-26



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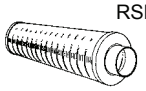
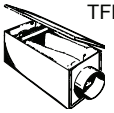
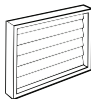
RSV

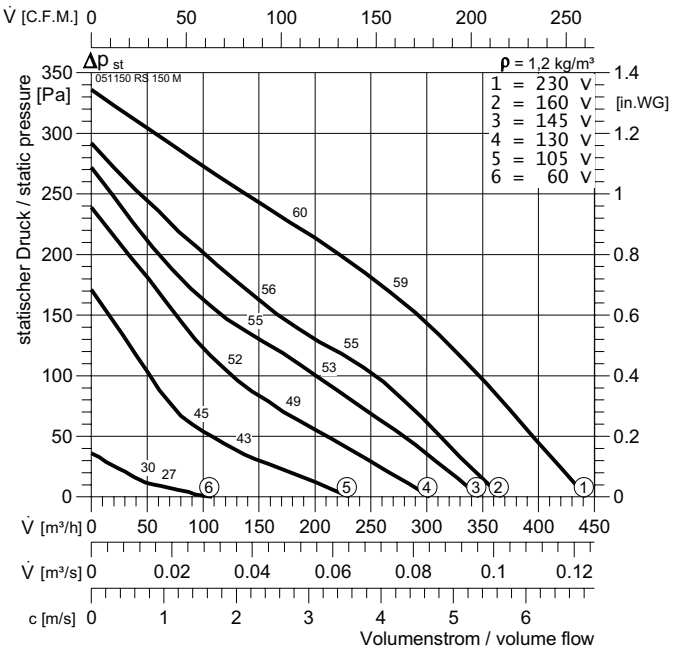

RSD

RVK


TFB-PTC

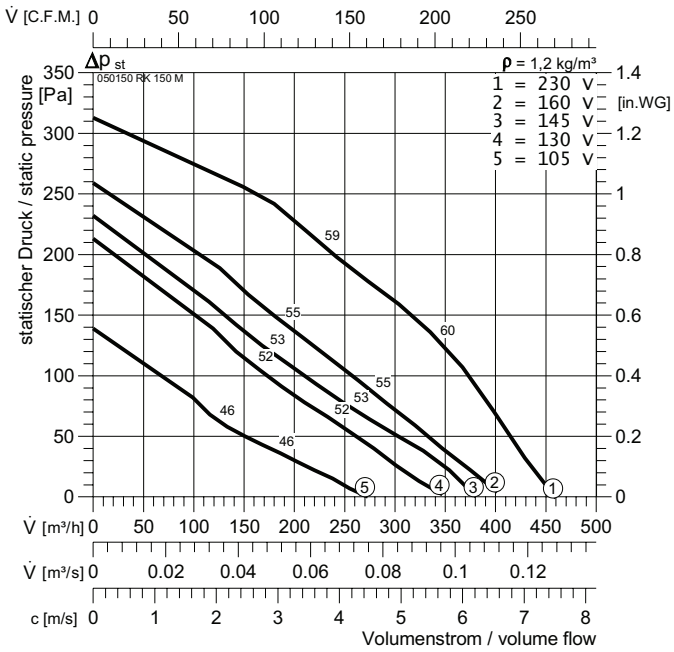

WVK

RS 150 M

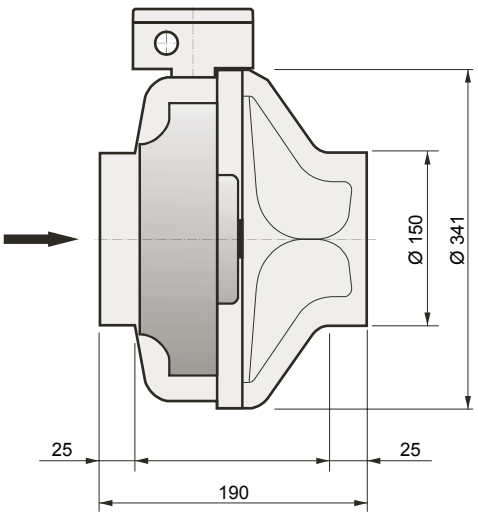


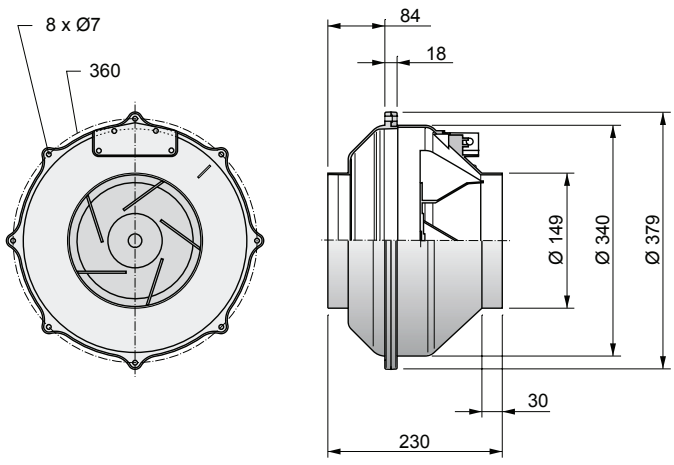
Typ :	RS 150 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051150		E11	$L_{WA\,tot}$	-10	2	0
:	3,7	kg	GS 1	125 Hz	-25	-17	-23
U :	230 V 50 Hz		NE 0,5	250 Hz	-19	-6	-10
P_1 :	0,07	kW	RPE 02	500 Hz	-15	-4	-9
I_N :	0,3	A		1 kHz	-16	-4	-6
n :	2420	min^{-1}		2 kHz	-16	-5	-4
C_{400V} :	2	µF		4 kHz	-26	-8	-9
t_R :	70	°C		8 kHz	-33	-15	-19

RK 150 M



Typ :	RK 150 M		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050150		E11	$L_{WA\,tot}$	-14	-1	0
:	3,2	kg	GS 1	125 Hz	-31	-12	-11
U :	230 V 50 Hz		NE 1,5	250 Hz	-29	-5	-4
P_1 :	0,063	kW	RPE 02 A	500 Hz	-24	-7	-6
I_N :	0,28	A		1 kHz	-19	-10	-9
n :	2475	min^{-1}		2 kHz	-18	-12	-11
C_{400V} :	2	µF		4 kHz	-25	-17	-16
t_R :	70	°C		8 kHz	-29	-29	-28





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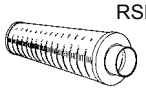
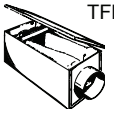
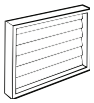
RSV

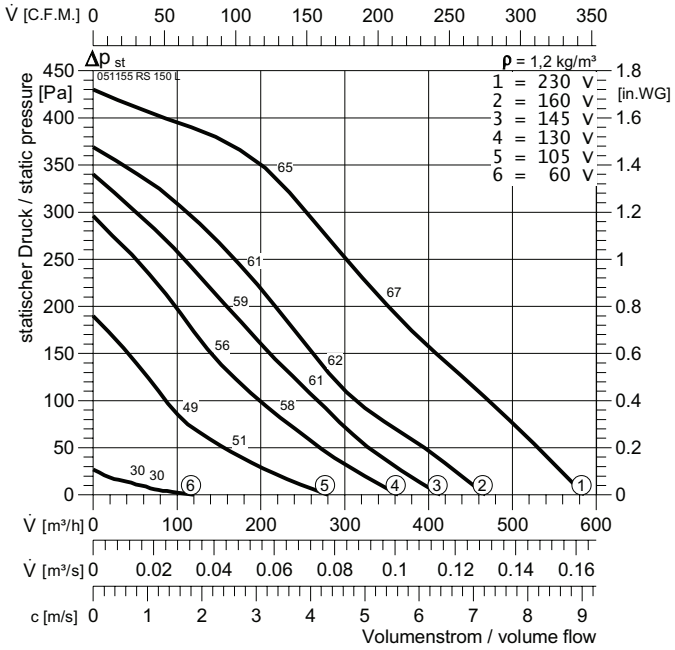

RSD

RVK

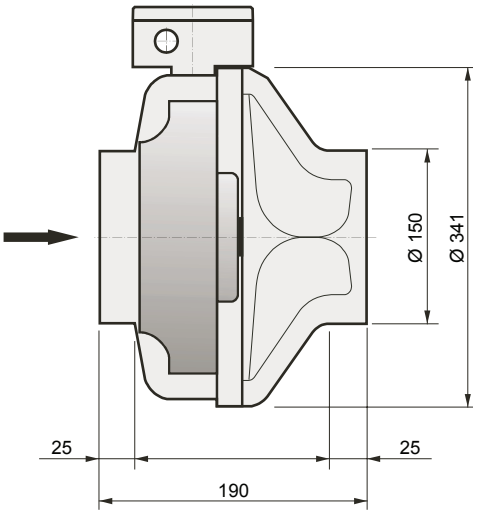

TFB-PTC


WVK

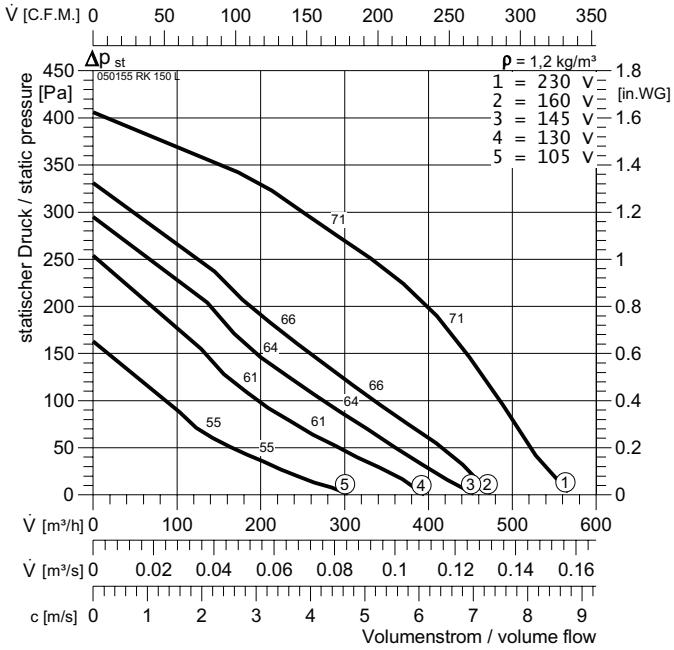
RS 150 L



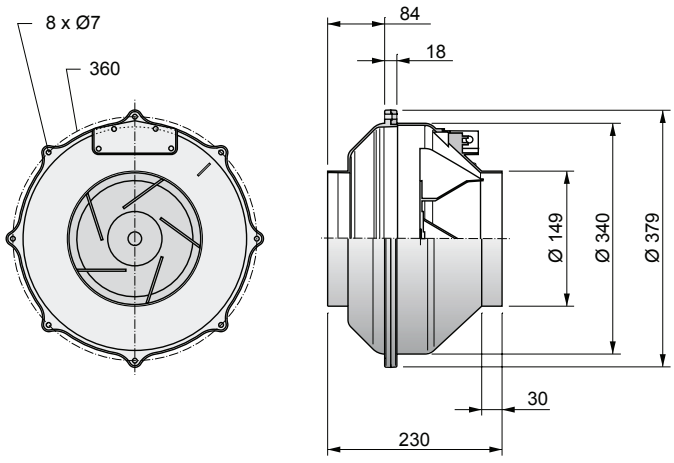
Typ :	RS 150 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051155		E11	$L_{WA\,tot}$	-10	2	0
:	4,8	kg	GS 1	125 Hz	-25	-17	-23
U :	230 V 50 Hz		NE 1,5	250 Hz	-19	-6	-10
P_1 :	0,1	kW	RPE 02 A	500 Hz	-15	-4	-9
I_N :	0,44	A		1 kHz	-16	-4	-6
n :	2585	min^{-1}		2 kHz	-16	-5	-4
C_{400V} :	3	µF		4 kHz	-26	-8	-9
t_R :	60	°C		8 kHz	-33	-15	-19



RK 150 L



Typ :	RK 150 L		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050155		E11	$L_{WA\,tot}$	-13	-1	0
:	3,8	kg	GS 1	125 Hz	-35	-18	-17
U :	230 V 50 Hz		NE 1,5	250 Hz	-33	-5	-4
P_1 :	0,089	kW	RPE 02 A	500 Hz	-17	-6	-5
I_N :	0,39	A		1 kHz	-18	-7	-6
n :	2525	min^{-1}		2 kHz	-24	-13	-12
C_{400V} :	3	µF		4 kHz	-20	-18	-17
t_R :	70	°C		8 kHz	-24	-26	-25



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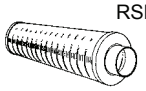
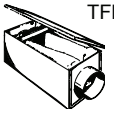
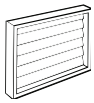
RSV

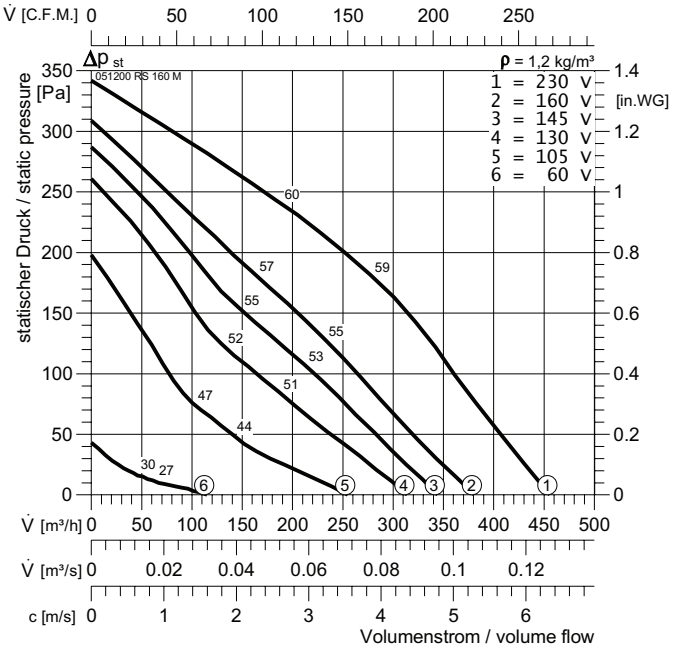

RSD

RVK

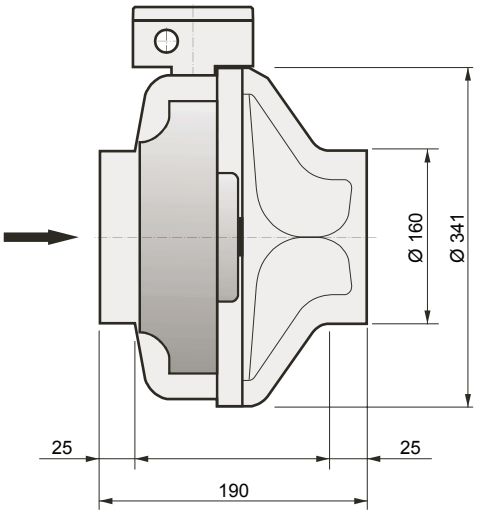

TFB-PTC


WVK

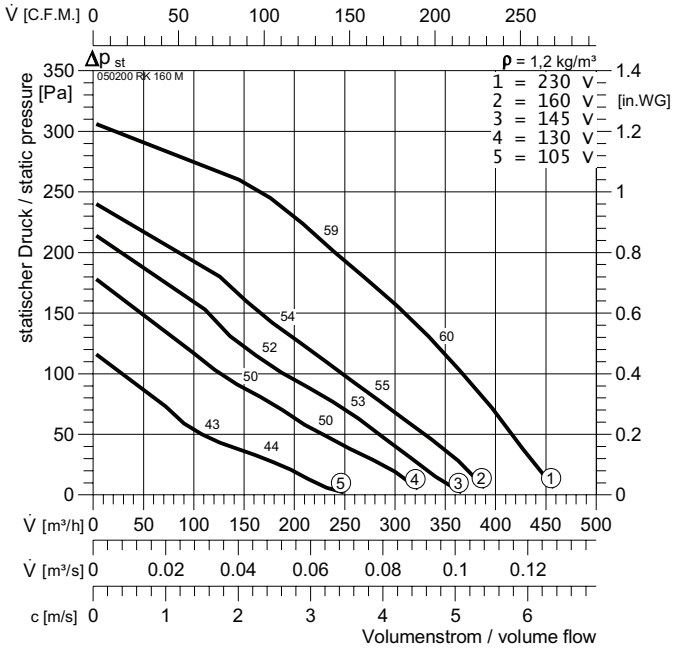
RS 160 M



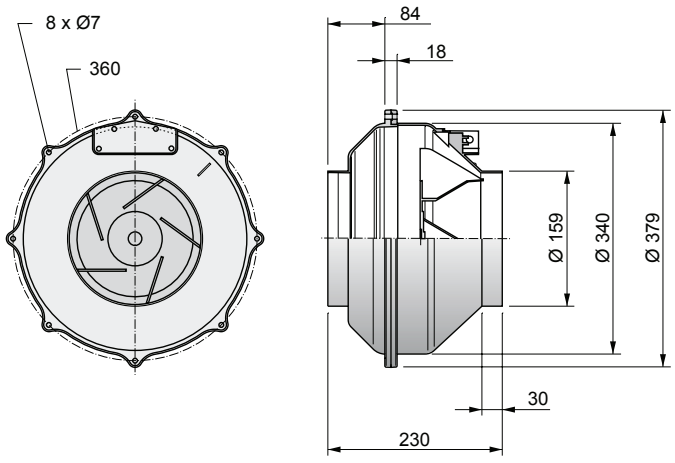
Typ :	RS 160 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051200		E11	$L_{WA\,tot}$	-13	2	0
:	3,7	kg	GS 1	125 Hz	-21	-15	-15
U :	230 V 50 Hz		NE 1,5	250 Hz	-19	-7	-7
P_1 :	0,063	kW	RPE 02 A	500 Hz	-19	-3	-7
I_N :	0,28	A		1 kHz	-20	-4	-5
n :	2475	min^{-1}		2 kHz	-23	-4	-7
C_{400V} :	2	µF		4 kHz	-27	-12	-13
t_R :	70	°C		8 kHz	-36	-20	-22



RK 160 M



Typ :	RK 160 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050200		E11	$L_{WA\,tot}$	-14	-1	0
:	3,25	kg	GS 1	125 Hz	-31	-12	-11
U :	230 V 50 Hz		NE 1,5	250 Hz	-29	-5	-4
P_1 :	0,062	kW	RPE 02 A	500 Hz	-24	-7	-6
I_N :	0,29	A		1 kHz	-19	-10	-9
n :	2500	min^{-1}		2 kHz	-18	-12	-11
C_{400V} :	2	µF		4 kHz	-25	-17	-16
t_R :	70	°C		8 kHz	-29	-29	-28



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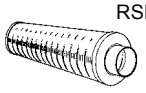
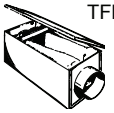
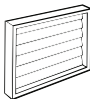
RSV

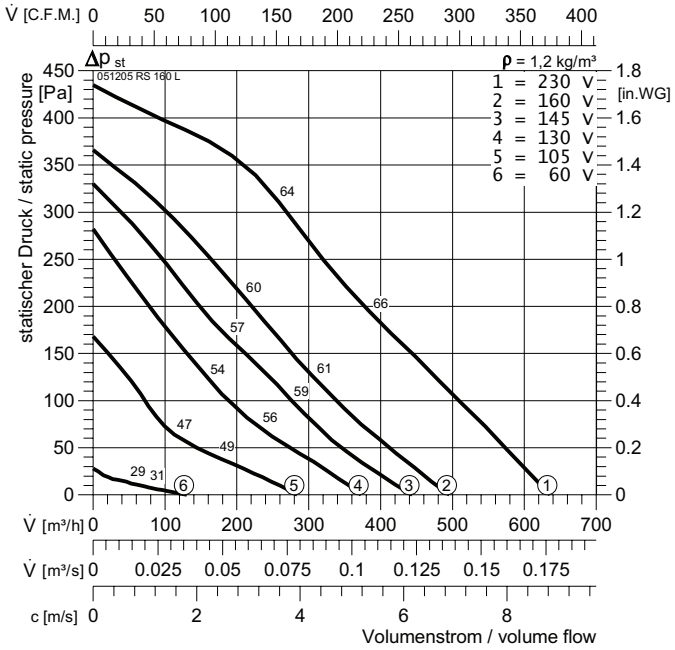

RSD

RVK

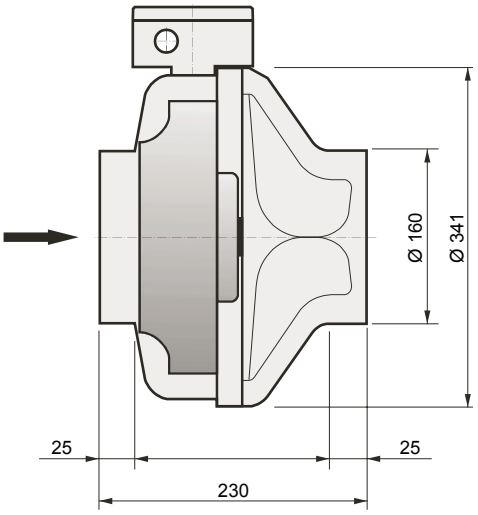

TFB-PTC


WVK

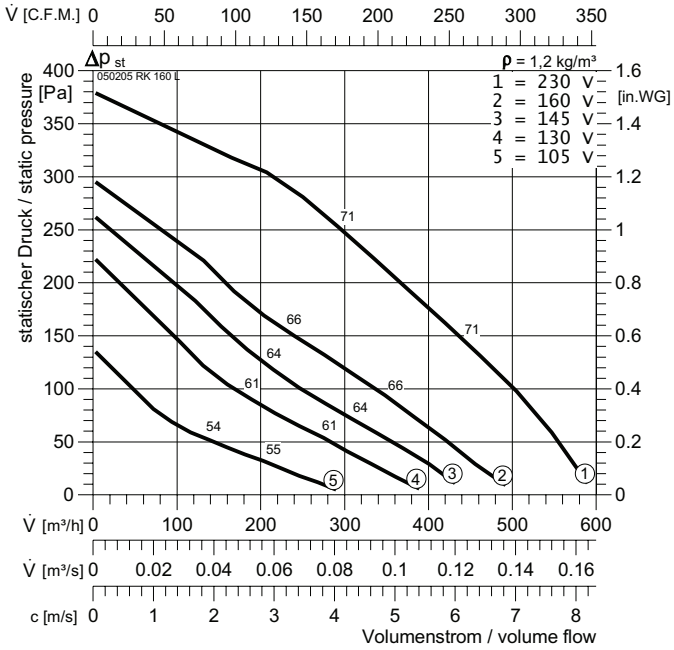
RS 160 L



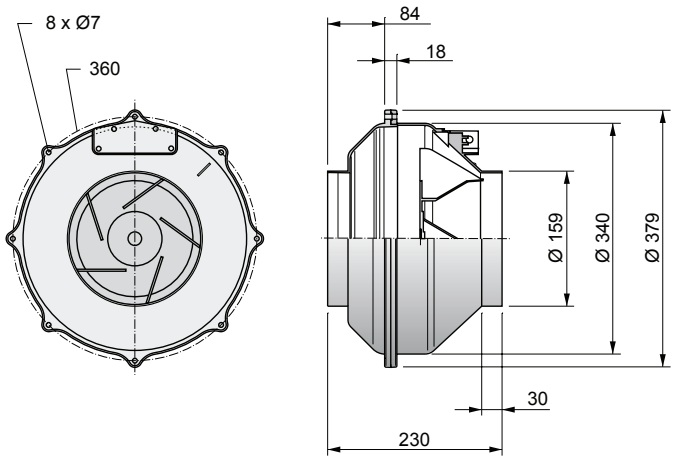
Typ :	RS 160 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051205		E11	$L_{WA\,tot}$	-13	2	0
:	4,8	kg	GS 1	125 Hz	-21	-15	-15
U :	230 V 50 Hz		NE 0,5	250 Hz	-19	-7	-7
P_1 :	0,11	kW	RPE 02	500 Hz	-19	-3	-7
I_N :	0,47	A		1 kHz	-20	-4	-5
n :	2500	min^{-1}		2 kHz	-23	-4	-7
C_{400V} :	3	µF		4 kHz	-27	-12	-13
t_R :	60	°C		8 kHz	-36	-20	-22



RK 160 L



Typ :	RK 160 L		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050205		E11	$L_{WA\,tot}$	-13	-1	0
:	3,8	kg	GS 1	125 Hz	-35	-18	-17
U :	230 V 50 Hz		NE 1,5	250 Hz	-33	-5	-4
P_1 :	0,089	kW	RPE 02 A	500 Hz	-17	-6	-5
I_N :	0,39	A		1 kHz	-18	-7	-6
n :	2525	min^{-1}		2 kHz	-24	-13	-12
C_{400V} :	3	µF		4 kHz	-20	-18	-17
t_R :	70	°C		8 kHz	-24	-26	-25



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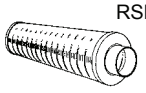
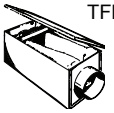
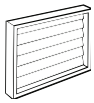
RSV


RSD

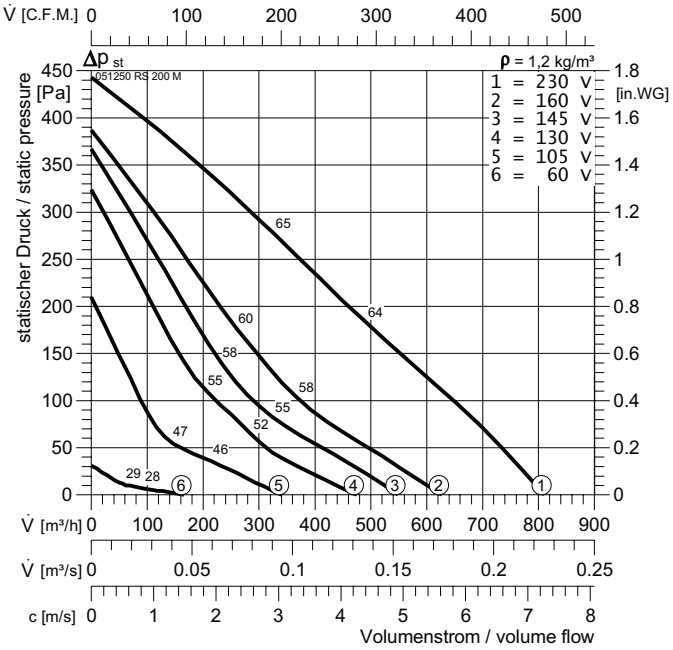
RVK


TFB-PTC

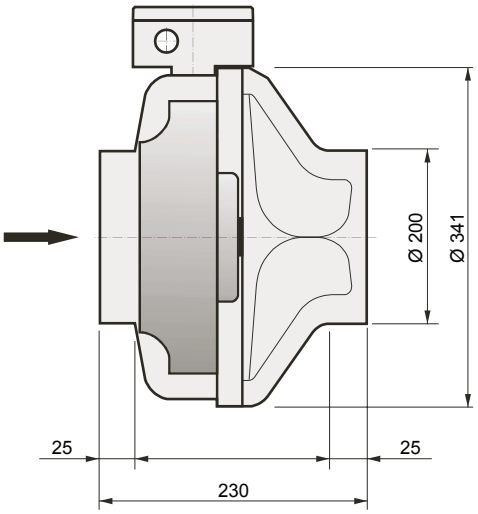

WVK

2

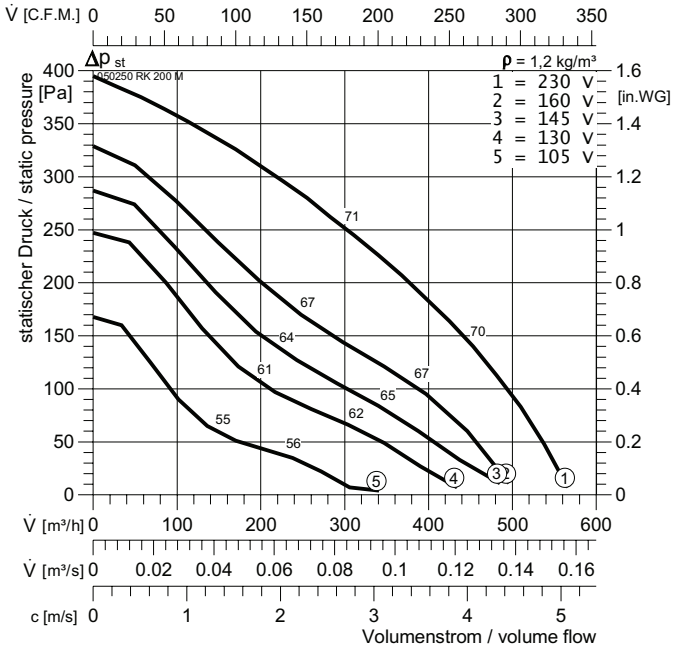
RS 200 M



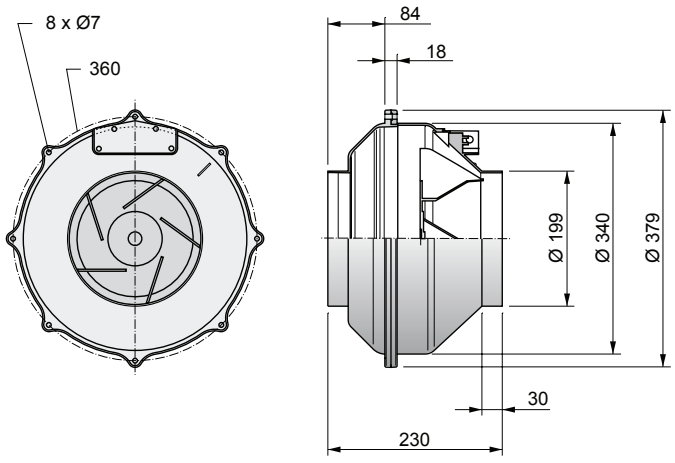
Typ :	RS 200 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051250		E11	$L_{WA\,tot}$	-13	2	0
:	4,8	kg	GS 1	125 Hz	-27	-20	-22
U :	230 V 50 Hz		NE 1,5	250 Hz	-19	-7	-11
P_1 :	0,101	kW	RPE 02 A	500 Hz	-20	-5	-11
I_N :	0,47	A		1 kHz	-19	-4	-5
n :	2595	min^{-1}		2 kHz	-19	-3	-4
C_{400V} :	3	µF		4 kHz	-27	-8	-10
t_R :	70	°C		8 kHz	-36	-17	-17



RK 200 M



Typ :	RK 200 M		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050250		E11	$L_{WA\,tot}$	-15	-1	0
:	3,8	kg	GS 1	125 Hz	-38	-14	-13
U :	230 V 50 Hz		NE 1,5	250 Hz	-36	-8	-7
P_1 :	0,089	kW	RPE 02 A	500 Hz	-26	-6	-5
I_N :	0,39	A		1 kHz	-16	-9	-8
n :	2525	min^{-1}		2 kHz	-25	-9	-8
C_{400V} :	3	µF		4 kHz	-30	-13	-12
t_R :	70	°C		8 kHz	-39	-22	-21



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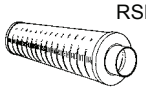
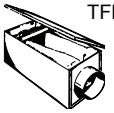
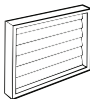
RSV

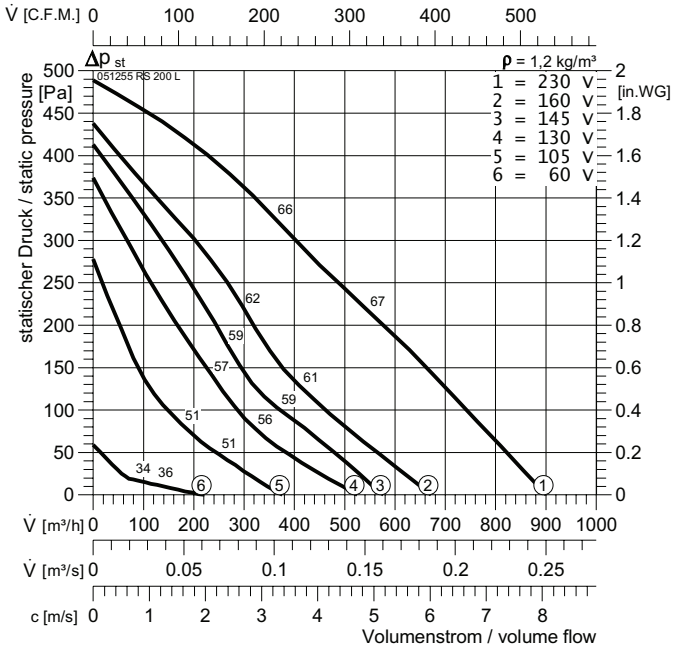

RSD

RVK

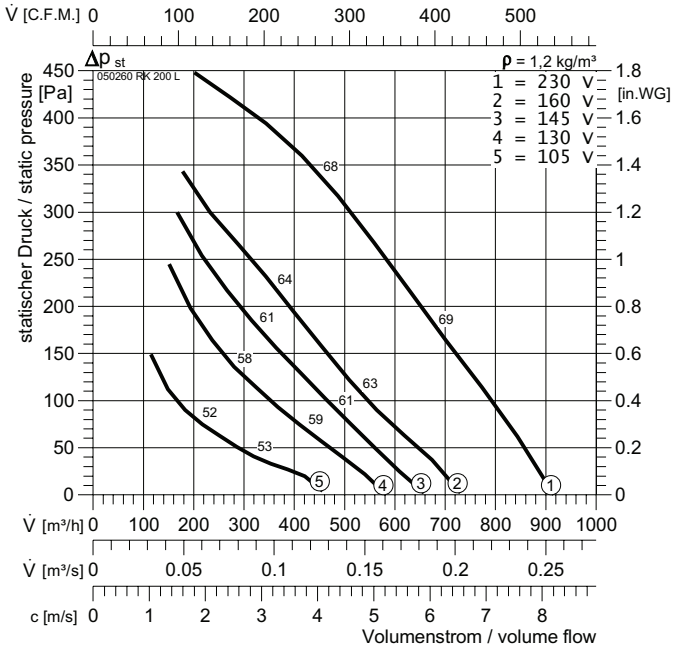

TFB-PTC


WVK

RS 200 L

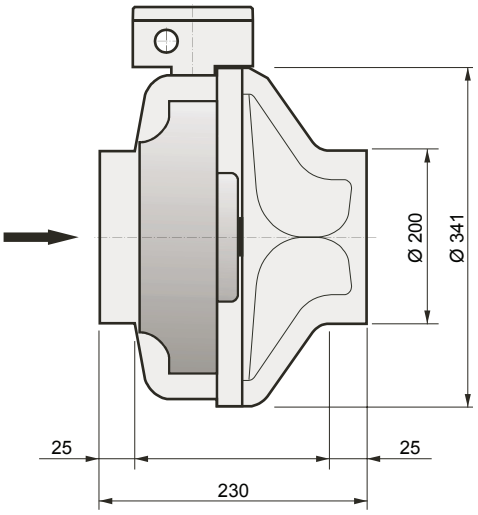


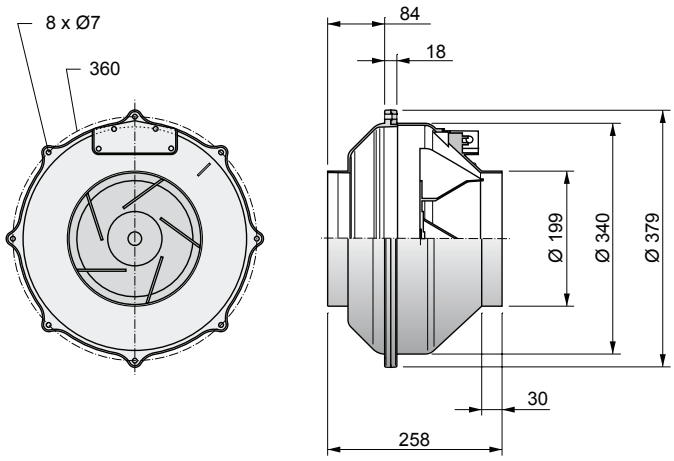
RK 200 L



Typ :	RS 200 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051255		E11	$L_{WA\,tot}$	-13	2	0
:	5,5	kg	GS 1	125 Hz	-25	-17	-20
U :	230 V 50 Hz		NE 1,5	250 Hz	-18	-6	-10
P_1 :	0,17	kW	RPE 02 A	500 Hz	-19	-4	-9
I_N :	0,79	A		1 kHz	-18	-3	-5
n :	2410	min^{-1}		2 kHz	-21	-5	-5
C_{400V} :	5	µF		4 kHz	-27	-10	-10
t_R :	65	°C		8 kHz	-35	-17	-17

Typ :	RK 200 L		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050260		E11	$L_{WA\,tot}$	-15	-1	0
:	4,4	kg	GS 1	125 Hz	-38	-15	-14
U :	230 V 50 Hz		NE 1,5	250 Hz	-31	-8	-7
P_1 :	0,158	kW	RPE 02 A	500 Hz	-25	-5	-4
I_N :	0,69	A		1 kHz	-17	-8	-7
n :	2535	min^{-1}		2 kHz	-25	-10	-9
C_{400V} :	4	µF		4 kHz	-31	-15	-14
t_R :	70	°C		8 kHz	-39	-24	-23





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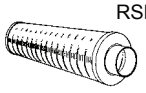
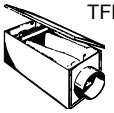
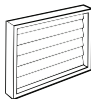
RSV

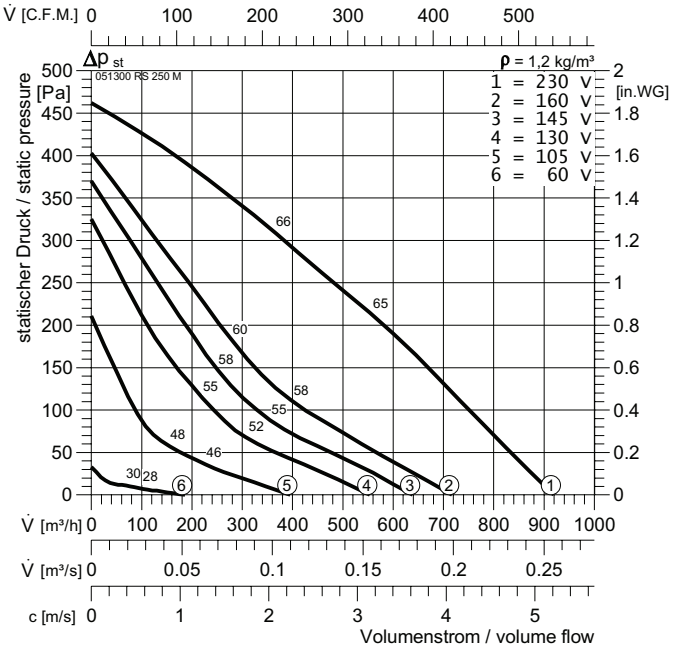

RSD

RVK

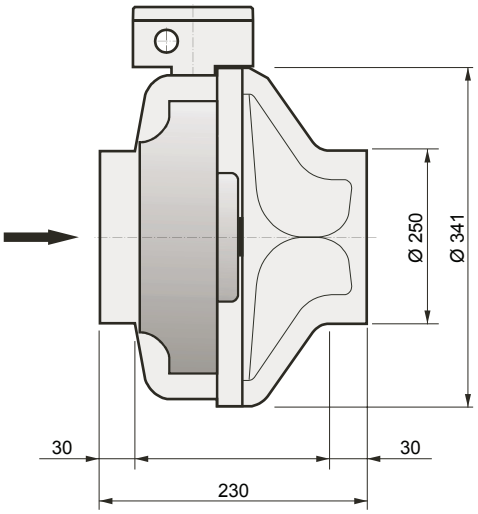

TFB-PTC


WVK

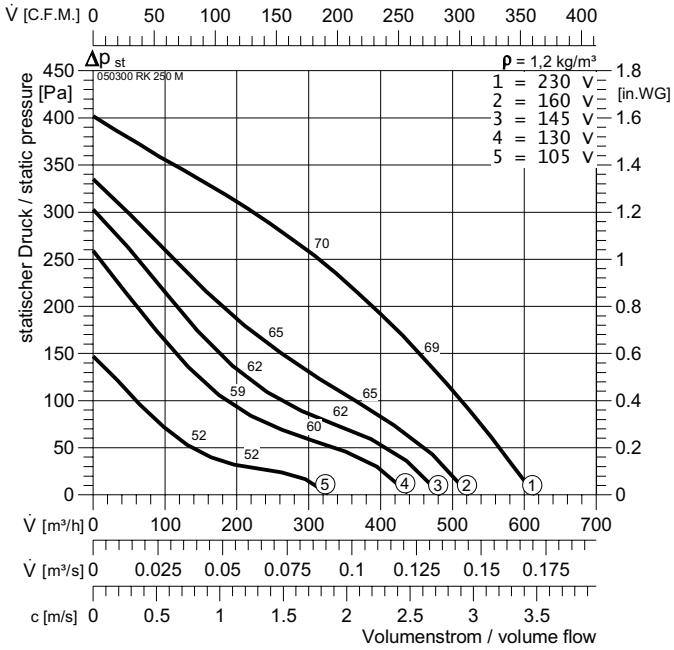
RS 250 M



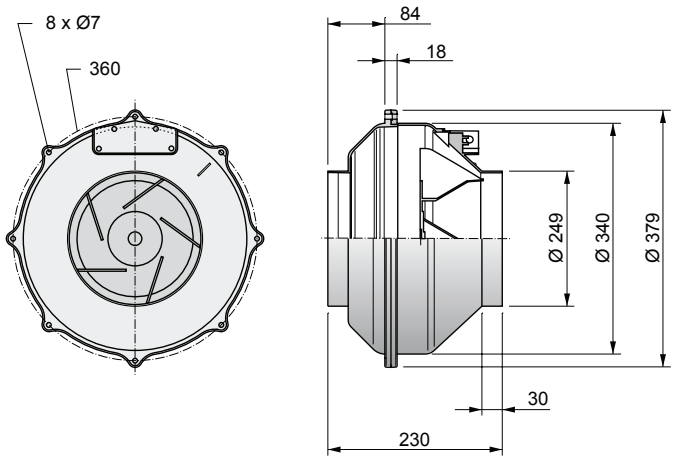
Typ :	RS 250 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051300		E11	$L_{WA\,tot}$	-13	0	0
:	4,8	kg	GS 1	125 Hz	-25	-21	-20
U :	230 V 50 Hz		NE 1,5	250 Hz	-18	-10	-9
P_1 :	0,101	kW	RPE 02 A	500 Hz	-20	-6	-7
I_N :	0,44	A		1 kHz	-18	-6	-6
n :	2595	min^{-1}		2 kHz	-24	-5	-5
C_{400V} :	3	µF		4 kHz	-29	-12	-10
t_R :	70	°C		8 kHz	-38	-19	-18



RK 250 M



Typ :	RK 250 M		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050300		E11	$L_{WA\,tot}$	-15	-1	0
:	3,8	kg	GS 1	125 Hz	-15	-1	0
U :	230 V 50 Hz		NE 1,5	250 Hz	-28	-6	-5
P_1 :	0,089	kW	RPE 02 A	500 Hz	-26	-7	-6
I_N :	0,39	A		1 kHz	-17	-7	-6
n :	2525	min^{-1}		2 kHz	-22	-9	-8
C_{400V} :	3	µF		4 kHz	-27	-14	-13
t_R :	70	°C		8 kHz	-31	-16	-15



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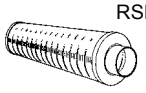
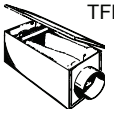
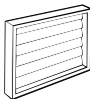
RSV

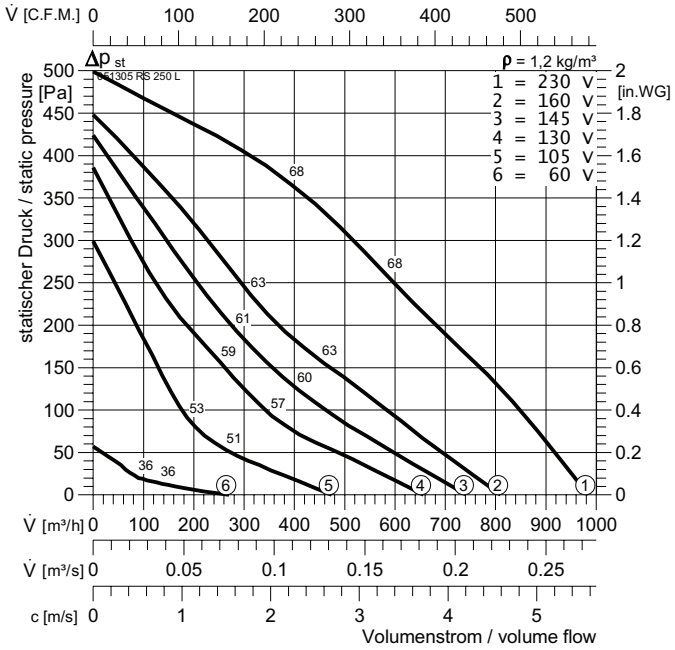

RSD

RVK

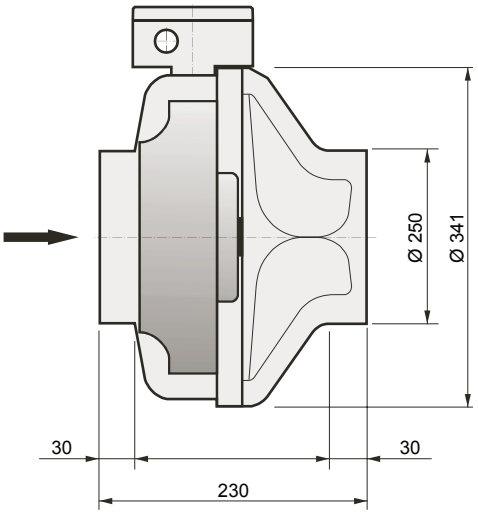

TFB-PTC


WVK

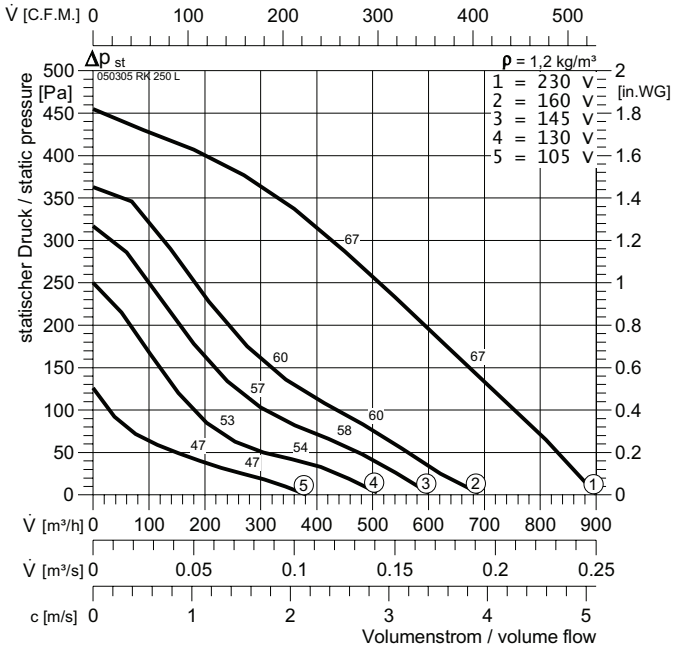
RS 250 L



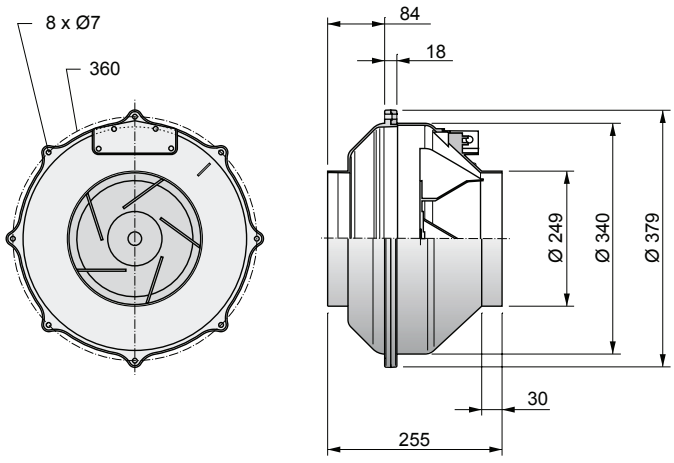
Typ :	RS 250 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051305		E11	$L_{WA\,tot}$	-13	2	0
:	5,3	kg	GS 1	125 Hz	-25	-20	-19
U :	230 V 50 Hz		NE 1,5	250 Hz	-23	-9	-9
P_1 :	0,158	kW	RPE 02 A	500 Hz	-21	-3	-9
I_N :	0,79	A		1 kHz	-17	-3	-5
n :	2410	min^{-1}		2 kHz	-20	-5	-5
C_{400V} :	5	µF		4 kHz	-24	-10	-10
t_R :	60	°C		8 kHz	-34	-19	-19



RK 250 L



Typ :	RK 250 L		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050305		E11	$L_{WA\,tot}$	-14	-1	0
:	4,4	kg	GS 1	125 Hz	-14	-1	0
U :	230 V 50 Hz		NE 1,5	250 Hz	-31	-8	-7
P_1 :	0,158	kW	RPE 02 A	500 Hz	-21	-7	-6
I_N :	0,69	A		1 kHz	-16	-8	-7
n :	2535	min^{-1}		2 kHz	-21	-9	-8
C_{400V} :	4	µF		4 kHz	-28	-11	-10
t_R :	70	°C		8 kHz	-38	-15	-14



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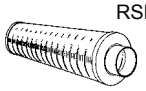
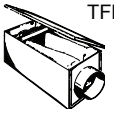
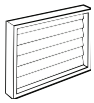
RSV


RSD

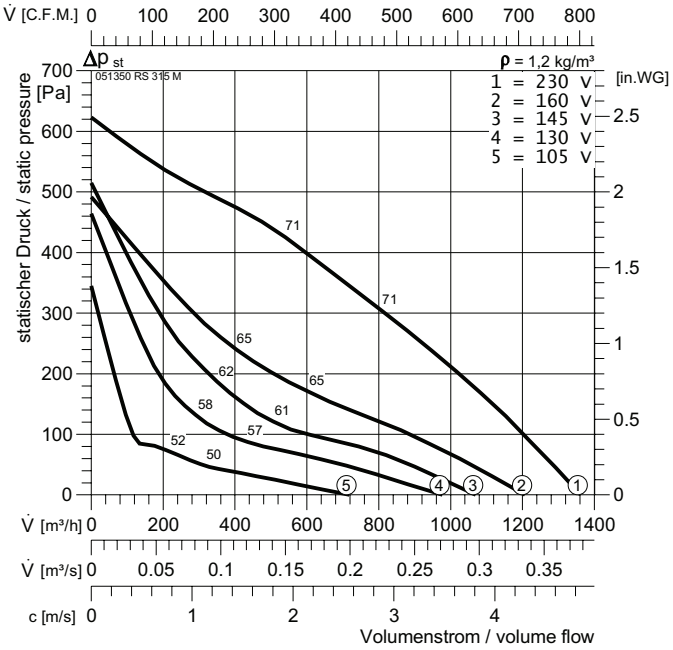
RVK


TFB-PTC

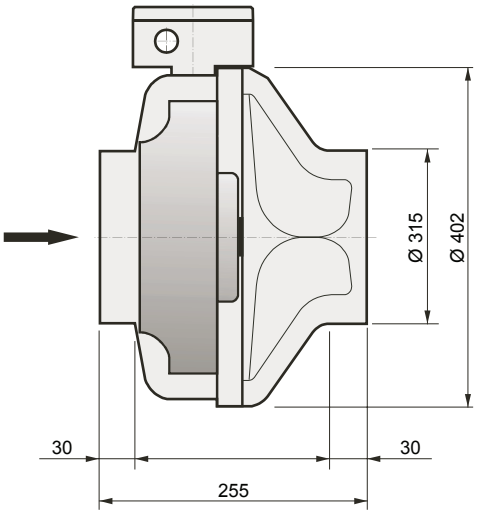

WVK

2

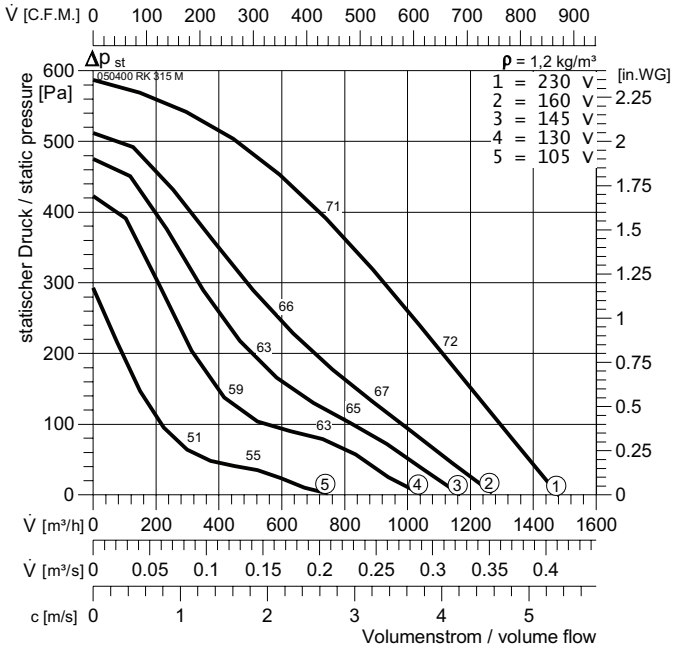
RS 315 M



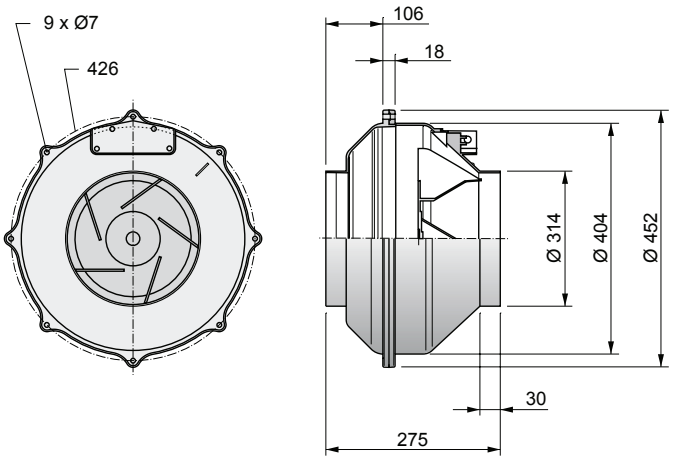
Typ :	RS 315 M		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051350		E11	$L_{WA\,tot}$	-16	0	0
:	7,2	kg	GS 1	125 Hz	-29	-23	-17
U :	230 V 50 Hz		NE 1,5	250 Hz	-25	-13	-12
P_1 :	0,181	kW	RPE 06 A	500 Hz	-22	-6	-10
I_N :	0,79	A		1 kHz	-21	-5	-5
n :	2715	min^{-1}		2 kHz	-23	-6	-5
C_{400V} :	7	µF		4 kHz	-28	-10	-8
t_R :	60	°C		8 kHz	-37	-15	-15



RK 315 M



Typ :	RK 315 M		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050400		E11	$L_{WA\,tot}$	-17	-1	0
:	5,4	kg	GS 1	125 Hz	-40	-21	-20
U :	230 V 50 Hz		NE 1,5	250 Hz	-33	-14	-13
P_1 :	0,19	kW	RPE 06 A	500 Hz	-26	-13	-12
I_N :	0,83	A		1 kHz	-18	-7	-6
n :	2700	min^{-1}		2 kHz	-28	-5	-4
C_{400V} :	6	µF		4 kHz	-31	-8	-7
t_R :	60	°C		8 kHz	-41	-11	-10



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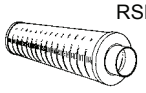
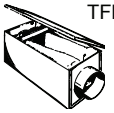
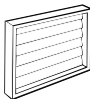
RSV

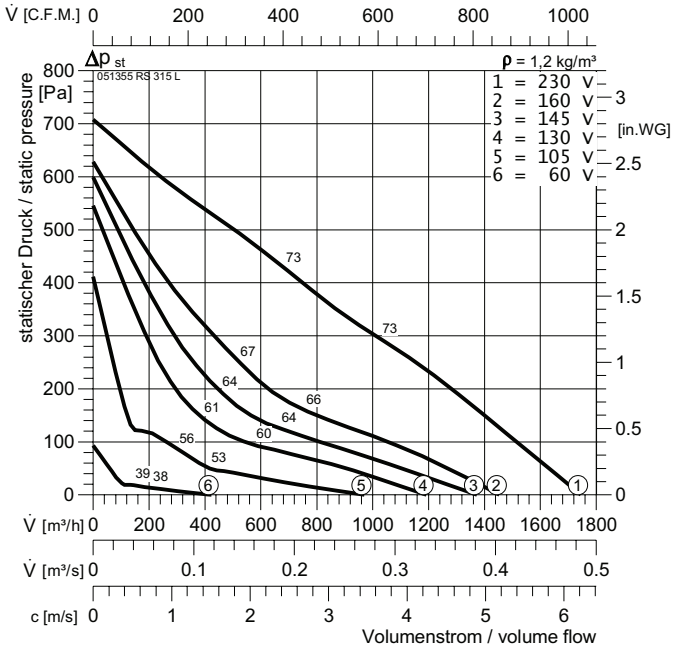

RSD

RVK

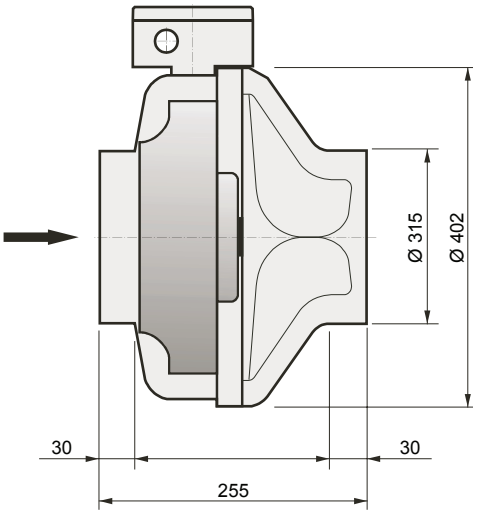

TFB-PTC


WVK

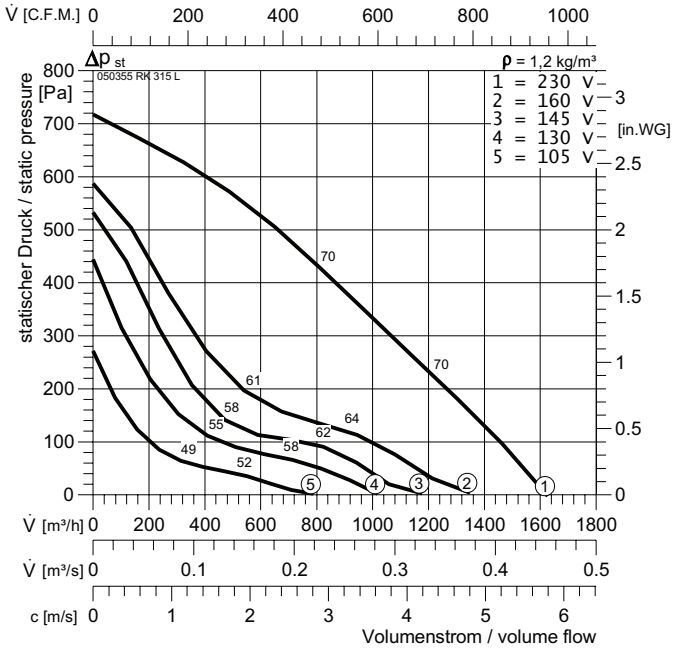
RS 315 L



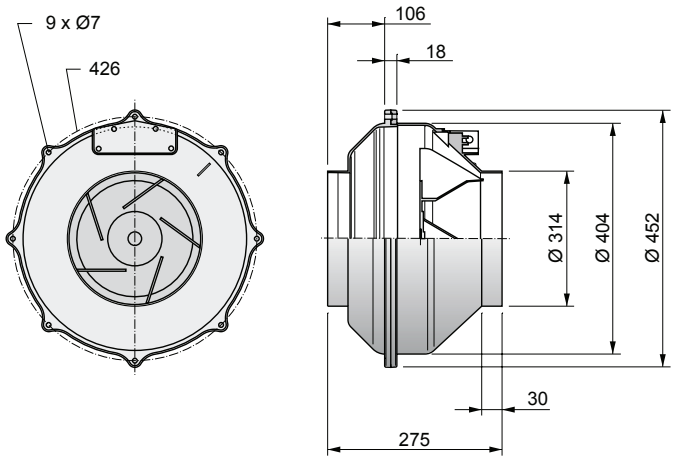
Typ :	RS 315 L		IP 44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051355		E11	$L_{WA\,tot}$	-16	1	0
:	8,7	kg	GS 1	125 Hz	-32	-26	-27
U :	230 V 50 Hz		NE 1,5	250 Hz	-24	-14	-15
P_1 :	0,225	kW	RPE 06 A	500 Hz	-22	-5	-11
I_N :	1,02	A		1 kHz	-22	-4	-5
n :	2655	min^{-1}		2 kHz	-23	-6	-5
C_{400V} :	8	µF		4 kHz	-26	-7	-8
t_R :	45	°C		8 kHz	-35	-12	-10



RK 315 L



Typ :	RK 315 L		IP44	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	050355		E11	$L_{WA\,tot}$	-20	-1	0
:	6,8	kg	GS 1	125 Hz	-48	-23	-22
U :	230 V 50 Hz		NE 1,5	250 Hz	-39	-14	-13
P_1 :	0,206	kW	RPE 06 A	500 Hz	-31	-11	-10
I_N :	0,99	A		1 kHz	-21	-8	-7
n :	2715	min^{-1}		2 kHz	-28	-7	-6
C_{400V} :	8	µF		4 kHz	-32	-9	-8
t_R :	50	°C		8 kHz	-39	-11	-10



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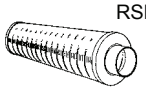
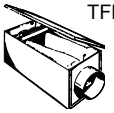
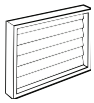
RSV

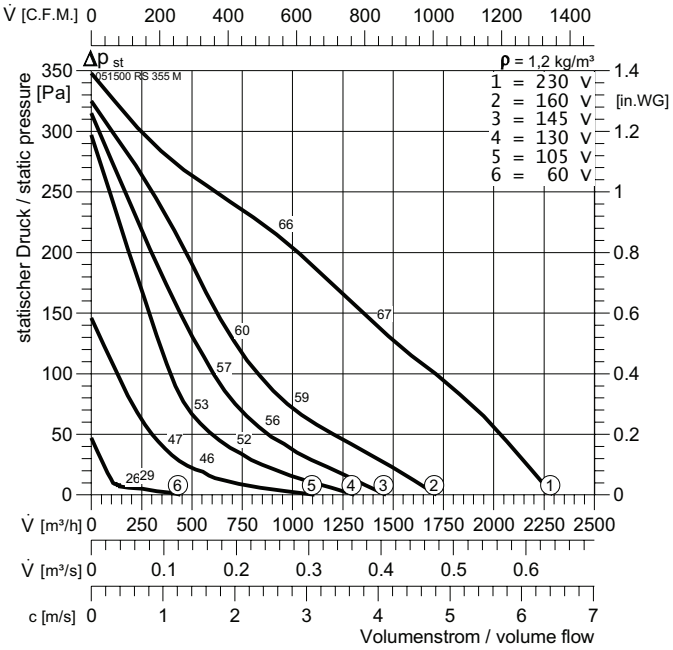

RSD

RVK

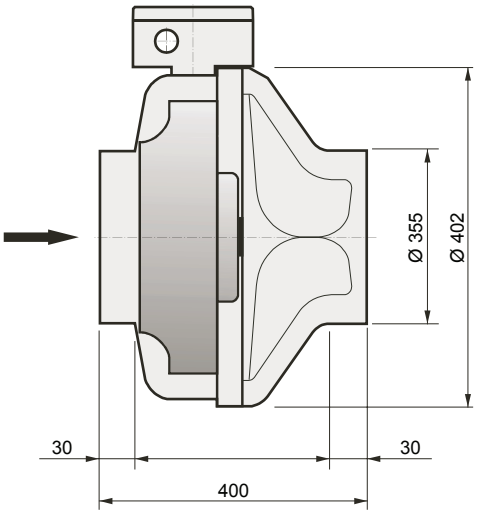

TFB-PTC


WVK

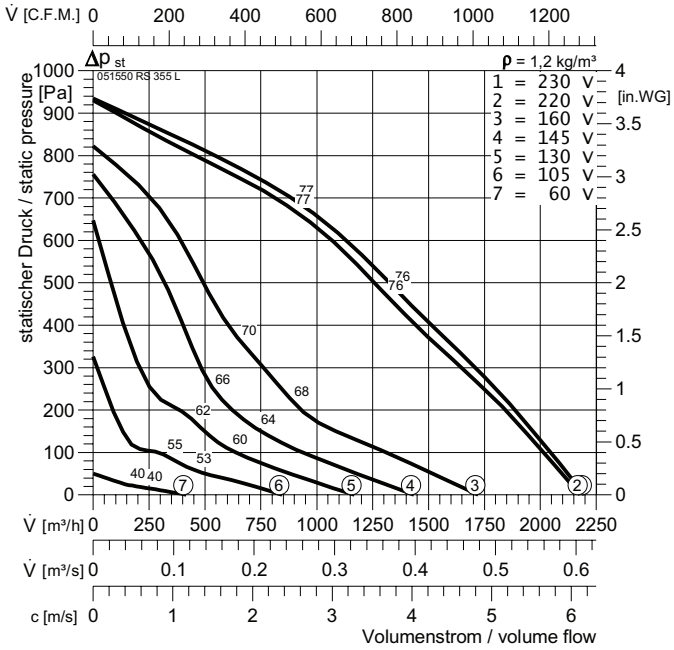
RS 355 M



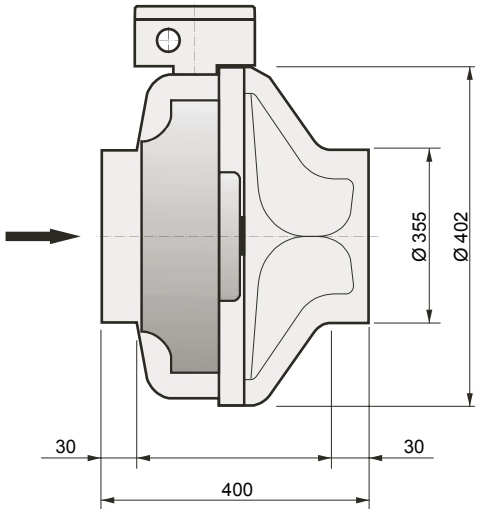
Typ :	RS 355 M		IP 54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051500		E13	$L_{WA\,tot}$	-12	-1	0
:	12,2	kg	GS 1	125 Hz	-18	-13	-13
U :	230 V 50 Hz		NE 1,5	250 Hz	-17	-6	-10
P_1 :	0,26	kW	RPE 06 A	500 Hz	-18	-6	-5
I_N :	1,15	A		1 kHz	-21	-8	-6
n :	1290	min^{-1}		2 kHz	-26	-12	-7
C_{400V} :	5	µF		4 kHz	-30	-15	-11
t_R :	45	°C		8 kHz	-42	-25	-20



RS 355 L



Typ :	RS 355 L		IP 54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	051550		E13	$L_{WA\,tot}$	-11	0	0
:	14,2	kg	GS 1	125 Hz	-30	-7	-19
U :	230 V 50 Hz		NE 3,2	250 Hz	-20	-5	-16
P_1 :	0,65	kW	RPE 09 A	500 Hz	-19	-6	-7
I_N :	2,8	A		1 kHz	-15	-6	-4
n :	2460	min^{-1}		2 kHz	-18	-11	-6
C_{400V} :	12	µF		4 kHz	-21	-13	-10
t_R :	45	°C		8 kHz	-36	-21	-16



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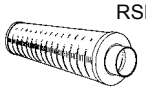
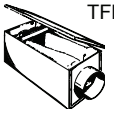
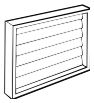
RSV

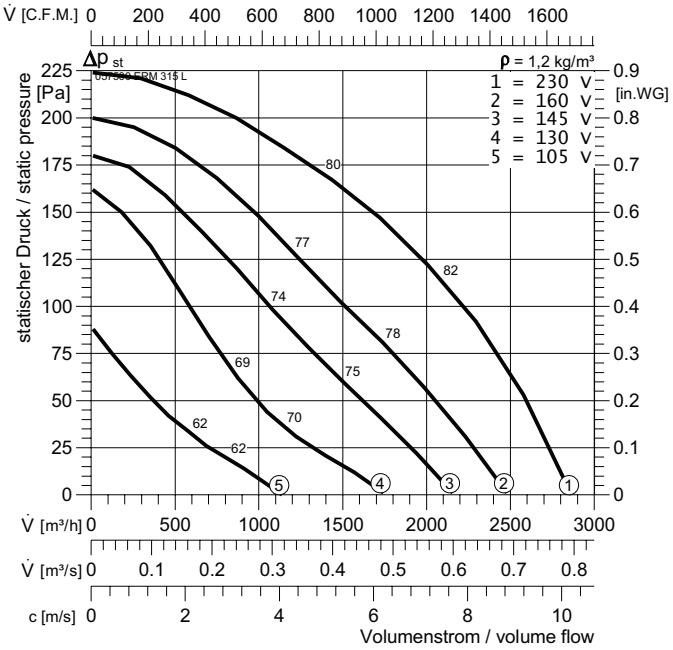

RSD

RVK

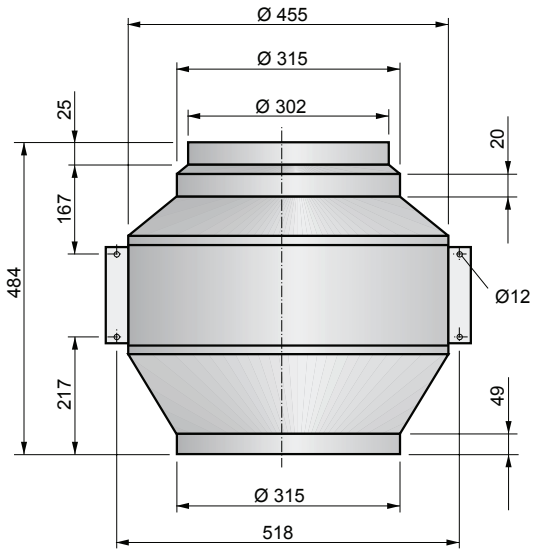

TFB-PTC


WVK

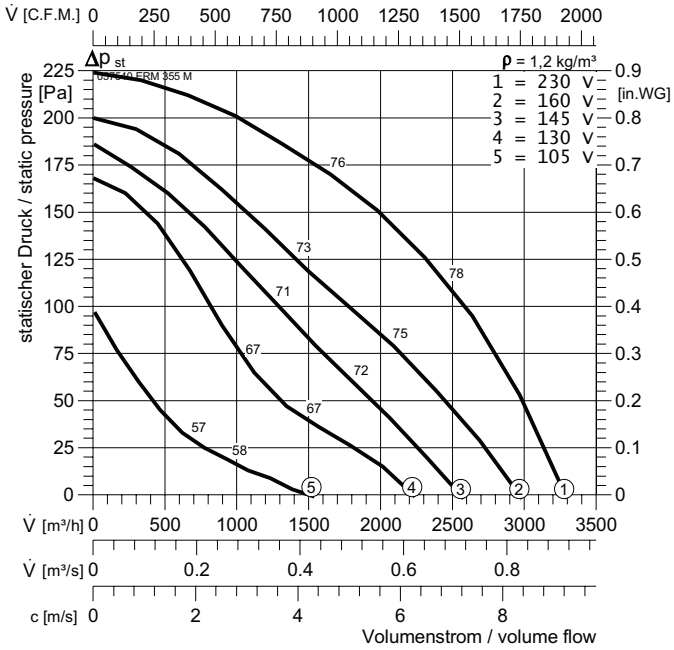
ERM 315 L



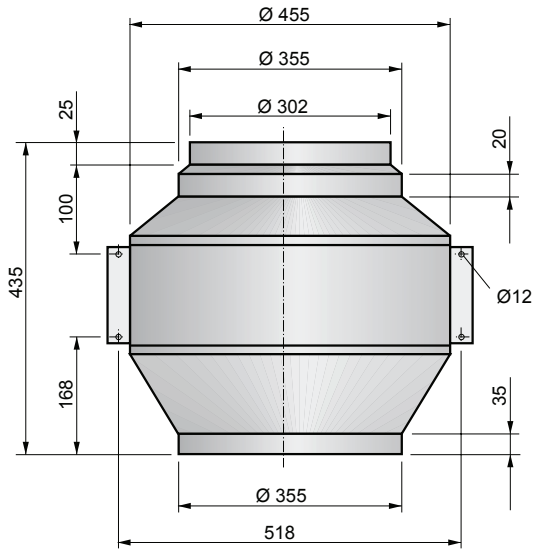
Typ :	ERM 315 L		IP 54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057500		E13	$L_{WA\,tot}$	-16	0	0
:	16	kg	GS 1	125 Hz	-34	-10	-5
U :	230 V 50 Hz		NE 1,5	250 Hz	-24	-6	-8
P_1 :	0,31	kW	RPE 06 A	500 Hz	-23	-5	-7
I_N :	1,35	A		1 kHz	-21	-7	-6
n :	1390	min^{-1}		2 kHz	-23	-14	-9
C_{400V} :	6	µF		4 kHz	-37	-19	-19
t_R :	40	°C		8 kHz	-48	-29	-28



ERM 355 M



Typ :	ERM 355 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057540		E13	$L_{WA\,tot}$	-18	-2	0
:	15	kg	GS 1	125 Hz	-38	-8	-5
U :	230 V 50 Hz		NE 1,5	250 Hz	-28	-7	-8
P_1 :	0,31	kW	RPE 06 A	500 Hz	-24	-8	-6
I_N :	1,35	A		1 kHz	-22	-10	-6
n :	1390	min^{-1}		2 kHz	-26	-14	-10
C_{400V} :	6	µF		4 kHz	-37	-19	-19
t_R :	50	°C		8 kHz	-48	-29	-28



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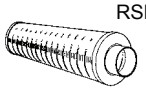
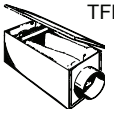
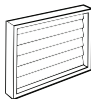
RSV


RSD

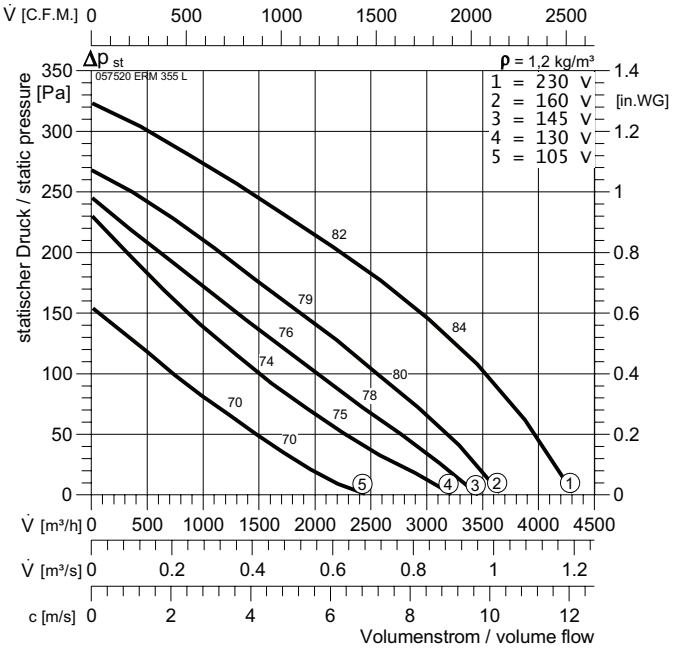
RVK


TFB-PTC

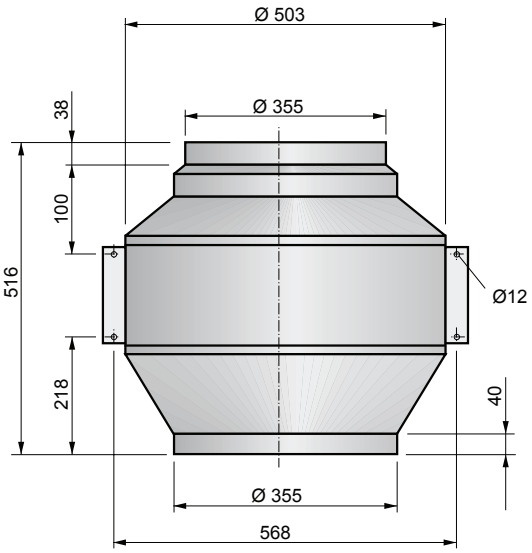

WVK

2

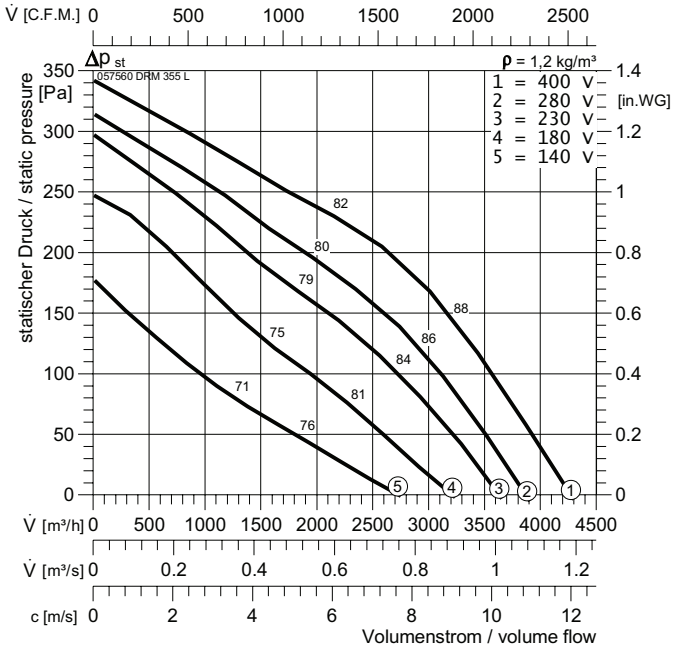
ERM 355 L



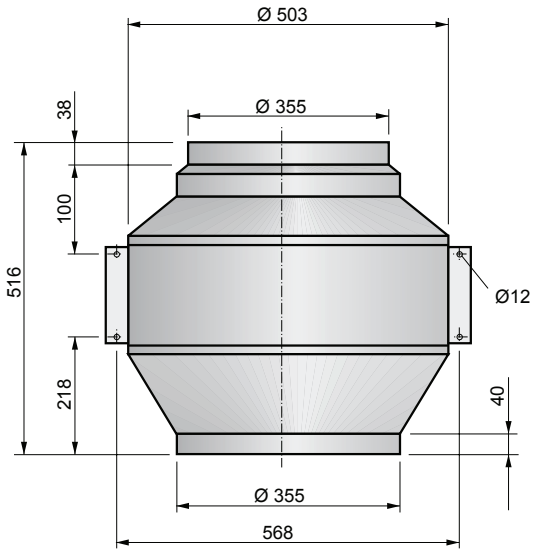
Typ :	ERM 355 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057520		E13	$L_{WA\,tot}$	-19	-2	0
:	21	kg	GS 1	125 Hz	-35	-13	-5
U :	230 V 50 Hz		NE 3,2	250 Hz	-28	-8	-9
P_1 :	0,52	kW	RPE 06 A	500 Hz	-23	-6	-6
I_N :	2,2	A		1 kHz	-24	-12	-7
n :	1280	min^{-1}		2 kHz	-26	-14	-11
C_{400V} :	10	µF		4 kHz	-34	-20	-18
t_R :	40	°C		8 kHz	-44	-28	-24



DRM 355 L



Typ :	DRM 355 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057560		DS1b	$L_{WA\,tot}$	-19	-3	0
:	19	kg	GS 2	125 Hz	-41	-13	-20
U :	400 V 50 Hz		RTD 1,2	250 Hz	-28	-8	-6
P_1 :	0,57	kW	SAD 9	500 Hz	-24	-7	-9
I_N :	1,05	A		1 kHz	-23	-12	-5
n :	1370	min^{-1}		2 kHz	-27	-13	-7
C_{400V} :	-	µF		4 kHz	-33	-20	-9
t_R :	60	°C		8 kHz	-43	-27	-18



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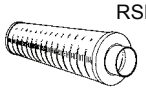
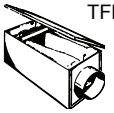
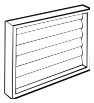
RSV

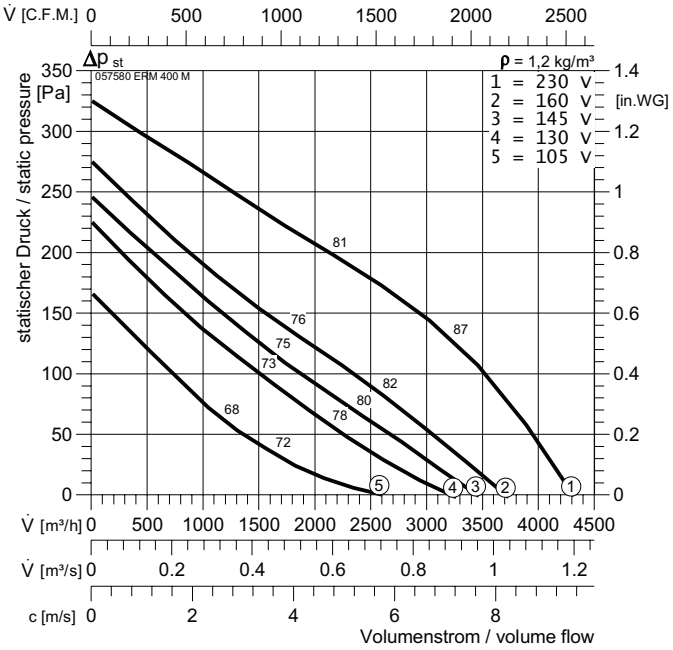

RSD

RVK

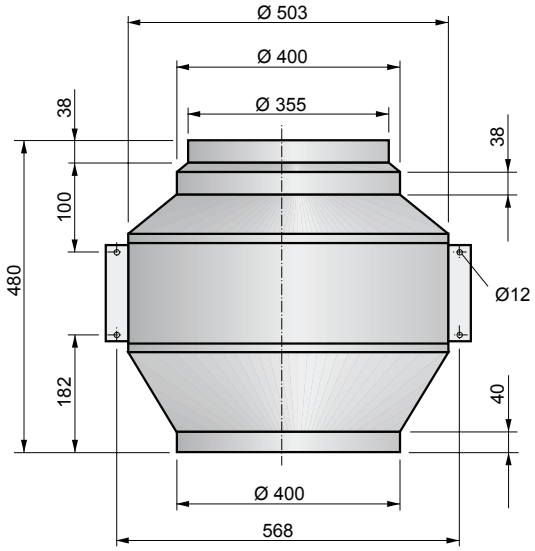

TFB-PTC


WVK

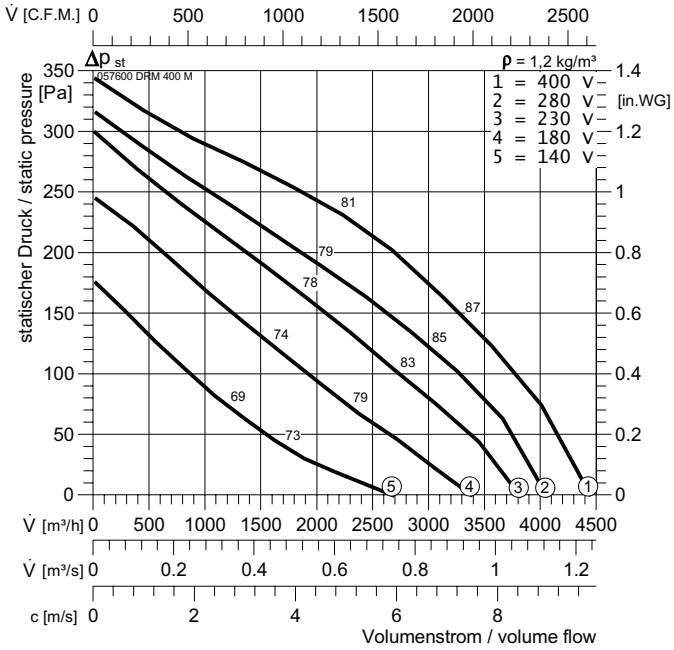
ERM 400 M



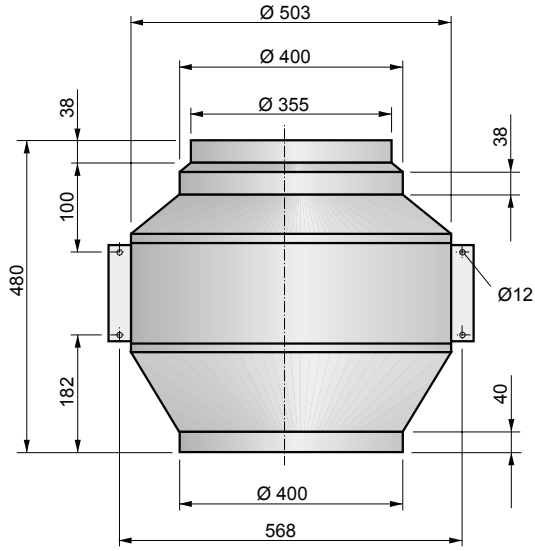
Typ :	ERM 400 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057580		E13	$L_{WA\,tot}$	-19	-4	0
:	21	kg	GS 1	125 Hz	-33	-13	-8
U :	230 V 50 Hz		NE 3,2	250 Hz	-30	-11	-10
P_1 :	0,52	kW	RPE 06 A	500 Hz	-25	-9	-6
I_N :	2,2	A		1 kHz	-23	-13	-5
n :	1280	min^{-1}		2 kHz	-27	-14	-9
C_{400V} :	10	µF		4 kHz	-36	-21	-18
t_R :	45	°C		8 kHz	-44	-27	-25



DRM 400 M



Typ :	DRM 400 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057600		DS1b	$L_{WA\,tot}$	-19	-4	0
:	19	kg	GS 2	125 Hz	-39	-12	-8
U :	400 V 50 Hz		RTD 1,2	250 Hz	-28	-10	-9
P_1 :	0,57	kW	SAD 9	500 Hz	-25	-9	-6
I_N :	1,05	A		1 kHz	-23	-13	-5
n :	1390	min^{-1}		2 kHz	-26	-14	-9
C_{400V} :	-	µF		4 kHz	-35	-20	-17
t_R :	65	°C		8 kHz	-44	-27	-24



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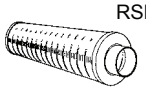
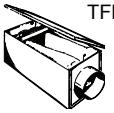
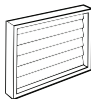
RSV

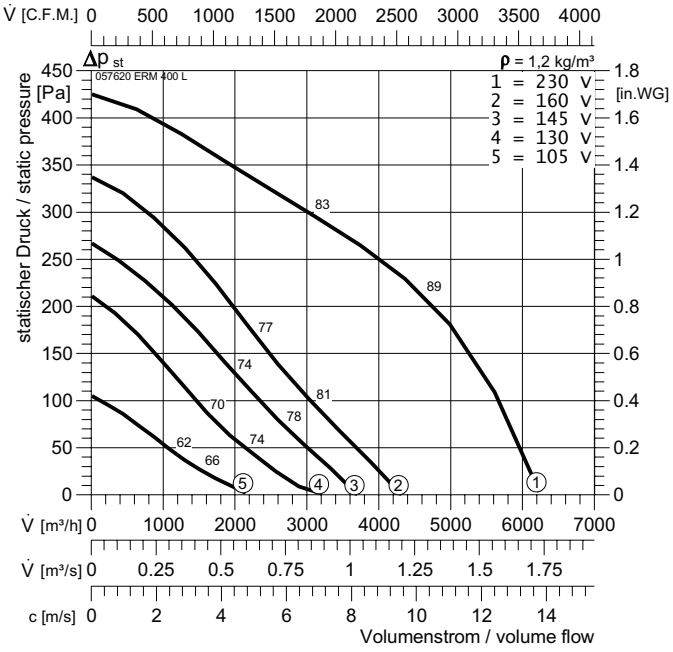

RSD

RVK

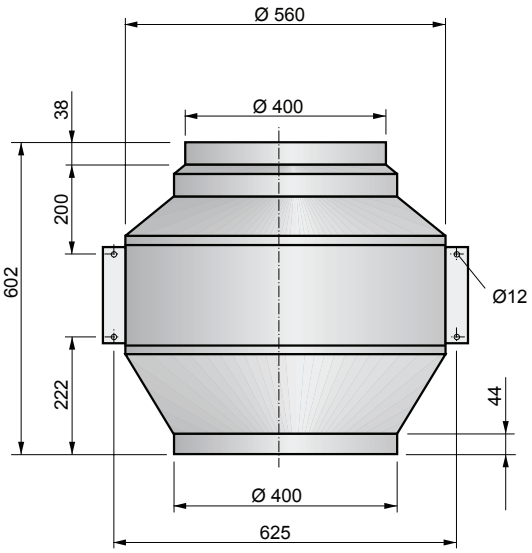

TFB-PTC


WVK

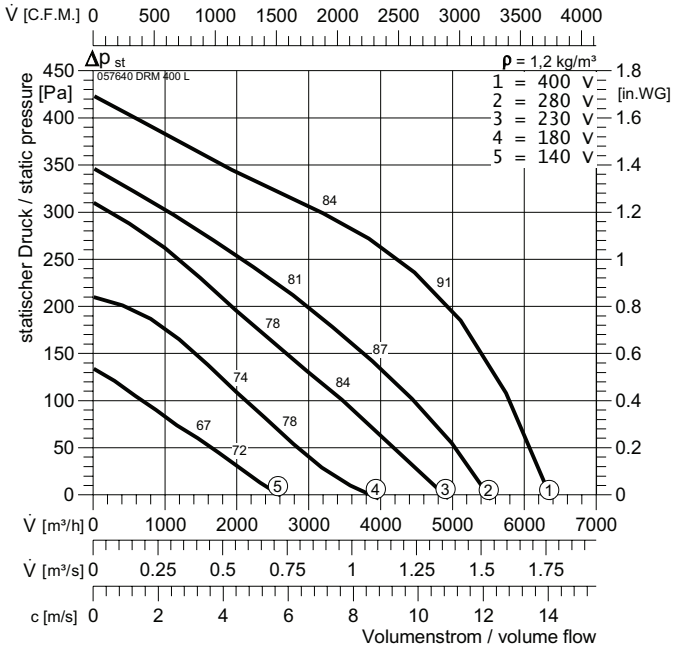
ERM 400 L



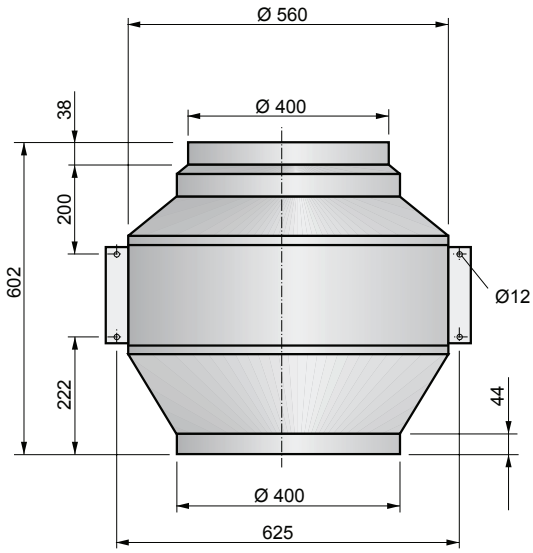
Typ :	ERM 400 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057620		E13	$L_{WA\,tot}$	-18	-2	0
:	32	kg	GS 1	125 Hz	-42	-13	-7
U :	230 V 50 Hz		NE 5	250 Hz	-29	-8	-9
P_1 :	0,96	kW	RPE 09 A	500 Hz	-25	-8	-7
I_N :	4,3	A		1 kHz	-21	-9	-6
n :	1330	min^{-1}		2 kHz	-26	-12	-10
C_{400V} :	16	µF		4 kHz	-36	-19	-18
t_R :	40	°C		8 kHz	-45	-28	-26



DRM 400 L



Typ :	DRM 400 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057640		DS1b	$L_{WA\,tot}$	-18	-2	0
:	29	kg	GS 2	125 Hz	-42	-13	-7
U :	400 V 50 Hz		RTD 2,5	250 Hz	-29	-8	-9
P_1 :	0,89	kW	SAD 9	500 Hz	-25	-8	-7
I_N :	1,65	A		1 kHz	-21	-9	-6
n :	1330	min^{-1}		2 kHz	-26	-12	-10
C_{400V} :	-	µF		4 kHz	-36	-19	-18
t_R :	50	°C		8 kHz	-45	-28	-26



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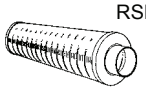
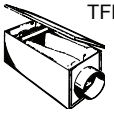
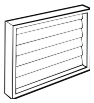
RSV

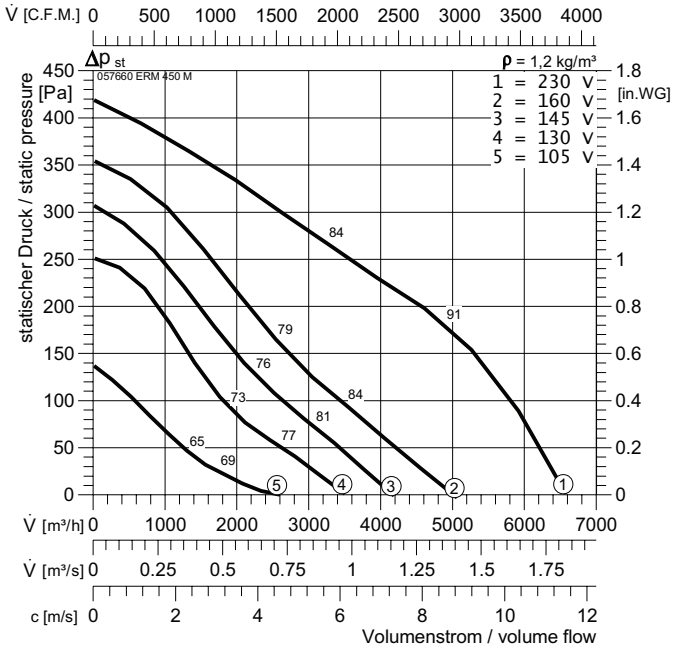

RSD

RVK

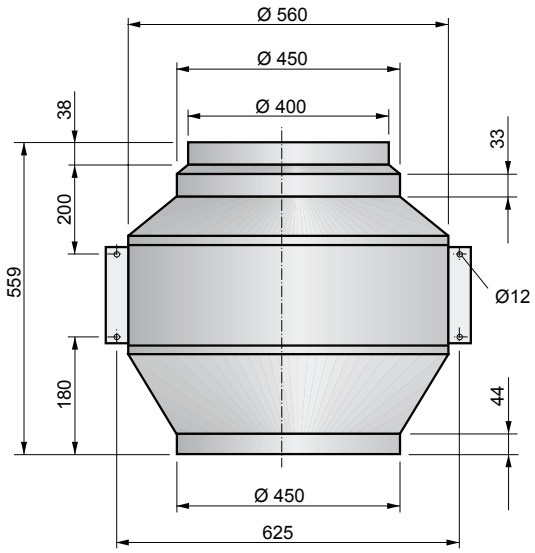

TFB-PTC


WVK

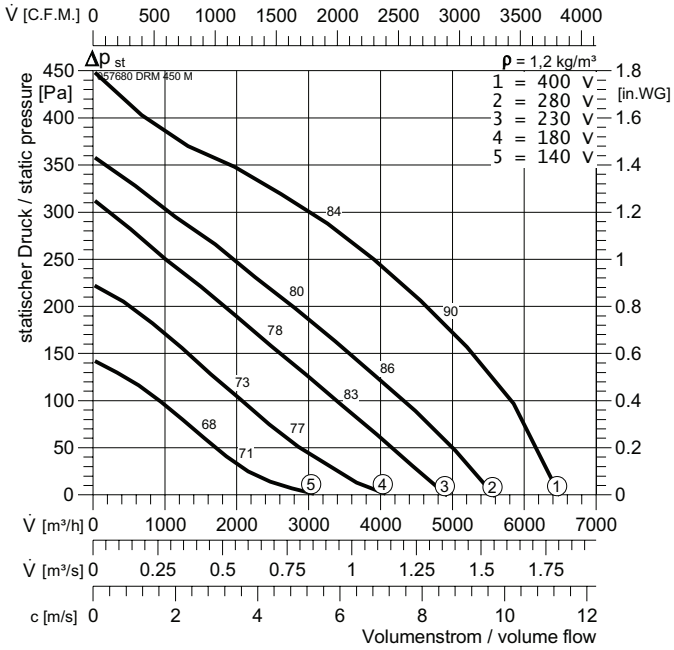
ERM 450 M



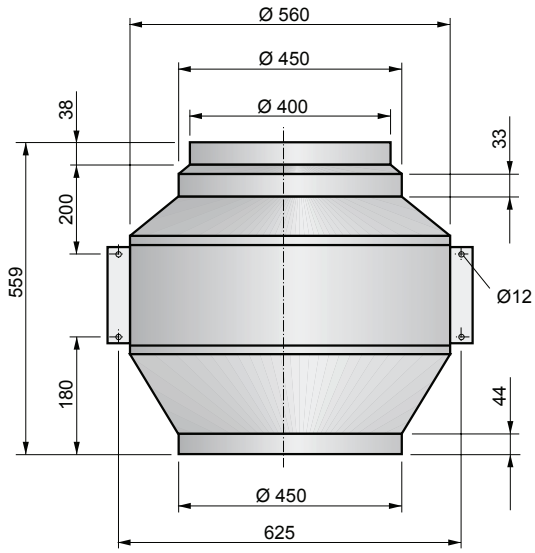
Typ :	ERM 450 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057660		E13	$L_{WA\,tot}$	-15	-4	0
:	31	kg	GS 1	125 Hz	-40	-14	-10
U :	230 V 50 Hz		NE 5	250 Hz	-20	-9	-6
P_1 :	0,922	kW	RPE 09 A	500 Hz	-23	-10	-5
I_N :	4,67	A		1 kHz	-20	-12	-6
n :	1305	min^{-1}		2 kHz	-25	-15	-11
C_{400V} :	16	µF		4 kHz	-34	-21	-19
t_R :	40	°C		8 kHz	-43	-29	-26



DRM 450 M



Typ :	DRM 450 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057680		DS1b	$L_{WA\,tot}$	-18	-2	0
:	29	kg	GS 2	125 Hz	-46	-14	-10
U :	400 V 50 Hz		RTD 2,5	250 Hz	-28	-7	-10
P_1 :	0,864	kW	SAD 9	500 Hz	-24	-8	-4
I_N :	1,62	A		1 kHz	-21	-11	-5
n :	1320	min^{-1}		2 kHz	-27	-13	-10
C_{400V} :	-	µF		4 kHz	-35	-18	-18
t_R :	50	°C		8 kHz	-44	-28	-25



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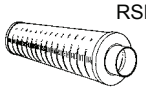
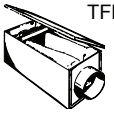
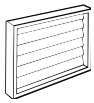
RSV


RSD

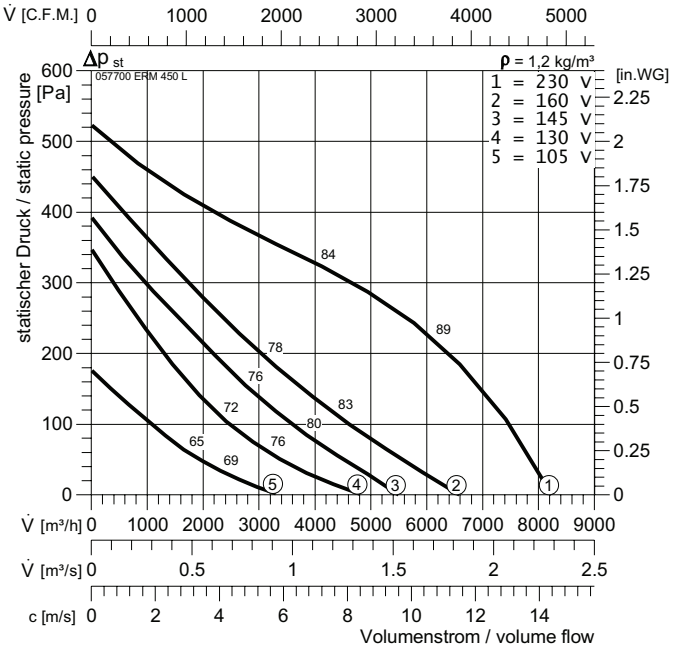
RVK


TFB-PTC

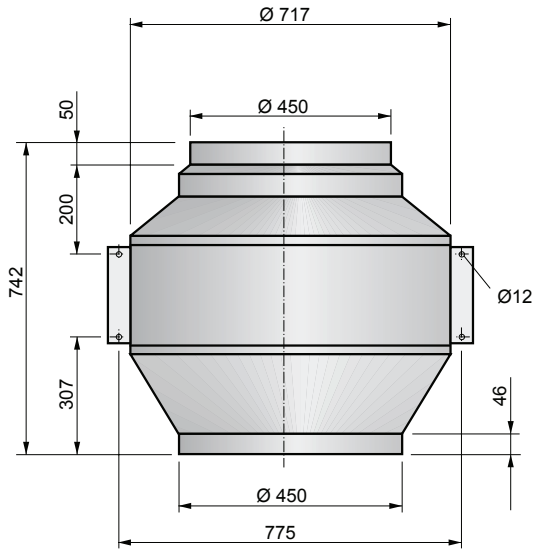

WVK

2

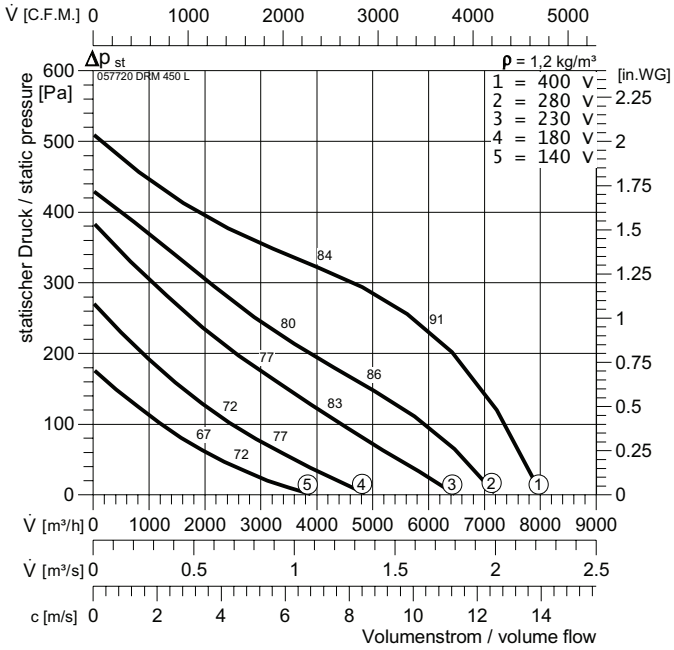
ERM 450 L



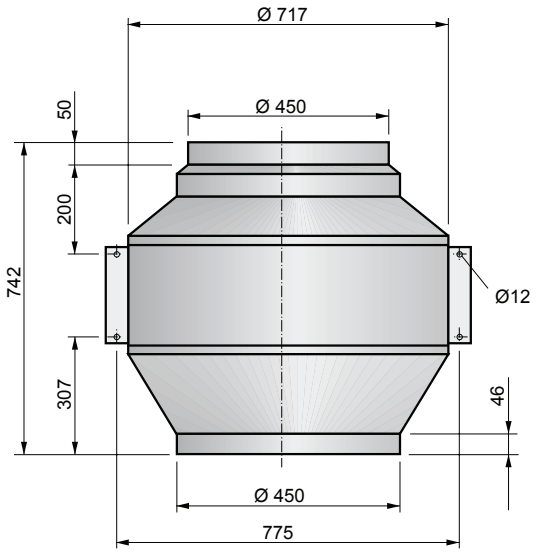
Typ :	ERM 450 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057700		E13	$L_{WA\,tot}$	-16	0	0
:	42	kg	GS 1	125 Hz	-31	-10	-6
U :	230 V 50 Hz		NE 7,5	250 Hz	-26	-5	-10
P_1 :	1,398	kW	SAE 20	500 Hz	-24	-6	-6
I_N :	6,16	A		1 kHz	-20	-9	-6
n :	1290	min^{-1}		2 kHz	-22	-9	-10
C_{400V} :	30	µF		4 kHz	-34	-17	-14
t_R :	40	°C		8 kHz	-44	-26	-24



DRM 450 L



Typ :	DRM 450 L		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057720		E13	$L_{WA\,tot}$	-16	0	0
:	38	kg	GS 2	125 Hz	-32	-11	-7
U :	400 V 50 Hz		RTD 2,5	250 Hz	-31	-5	-11
P_1 :	1,263	kW	SAD 9	500 Hz	-23	-6	-7
I_N :	2,21	A		1 kHz	-20	-8	-6
n :	1325	min^{-1}		2 kHz	-21	-9	-9
C_{400V} :	-	µF		4 kHz	-33	-16	-15
t_R :	75	°C		8 kHz	-45	-26	-25



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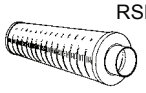
RSV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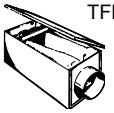
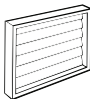
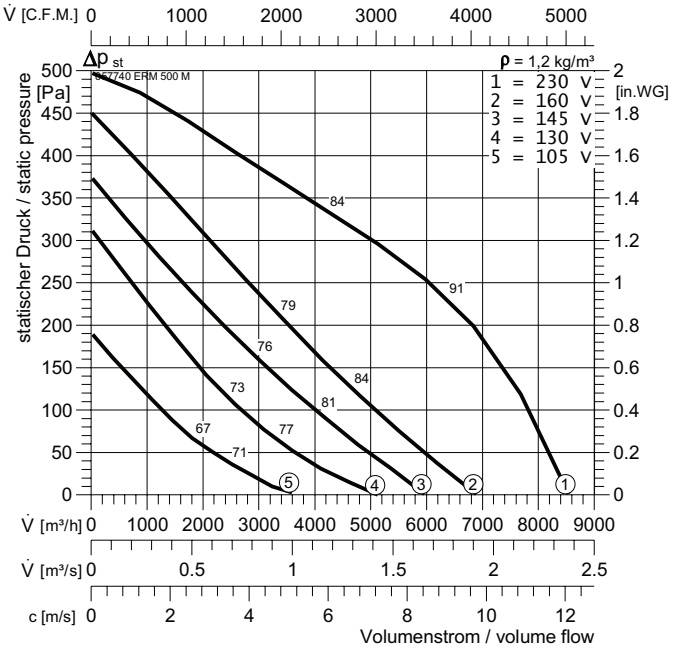
RVK

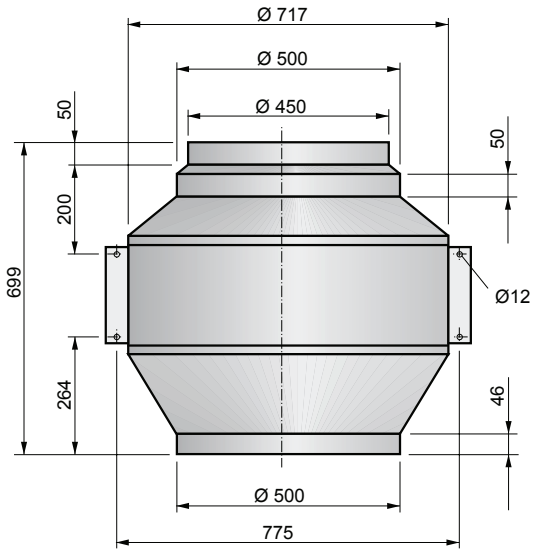

TFB-PTC


WVK

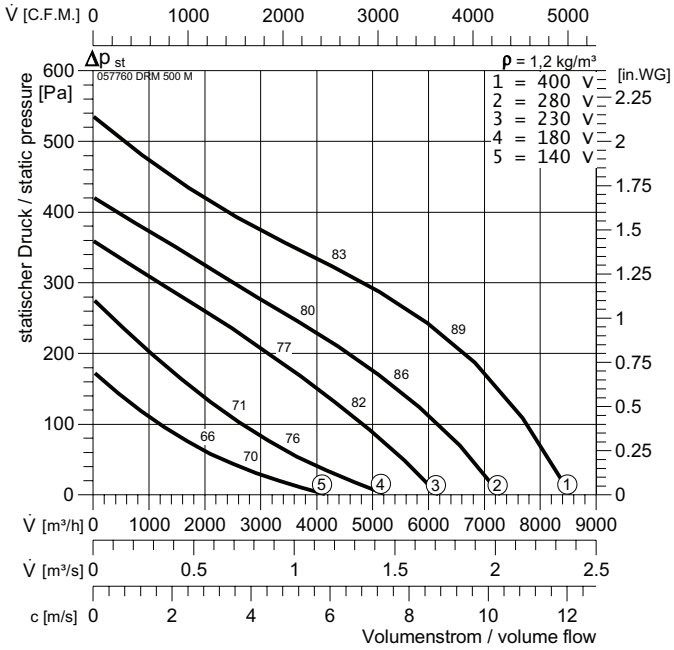
ERM 500 M



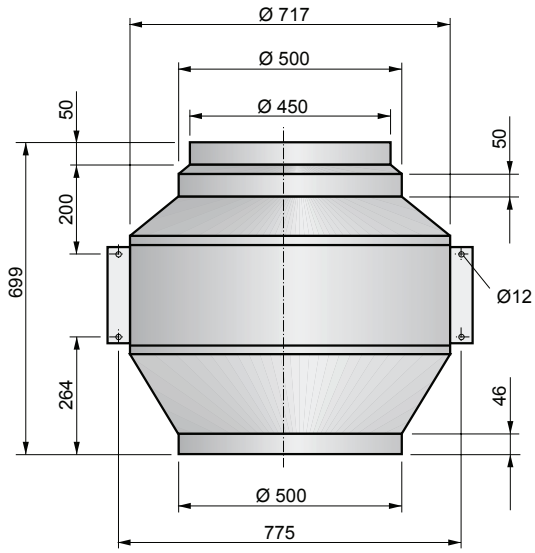
Typ :	ERM 500 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057740		E13	$L_{WA\,tot}$	-18	-2	0
:	42	kg	GS 1	125 Hz	-33	-13	-7
U :	230 V 50 Hz		NE 7,5	250 Hz	-31	-7	-12
P_1 :	1,385	kW	SAE 20	500 Hz	-25	-8	-7
I_N :	6,1	A		1 kHz	-21	-10	-5
n :	1290	min^{-1}		2 kHz	-25	-11	-10
C_{400V} :	30	µF		4 kHz	-39	-18	-16
t_R :	40	°C		8 kHz	-47	-28	-26



DRM 500 M



Typ :	DRM 500 M		IP54	$L_{WA\,rel}$ ΔdB	L_{WA2}	L_{WA5}	L_{WA6}
ArtNr :	057760		DS1b	$L_{WA\,tot}$	-18	0	0
:	39	kg	GS 2	125 Hz	-39	-11	-8
U :	400 V 50 Hz		RTD 2,5	250 Hz	-32	-5	-11
P_1 :	1,267	kW	SAD 9	500 Hz	-25	-6	-7
I_N :	2,23	A		1 kHz	-21	-9	-4
n :	1330	min^{-1}		2 kHz	-24	-9	-9
C_{400V} :	-	µF		4 kHz	-37	-16	-16
t_R :	75	°C		8 kHz	-43	-26	-25



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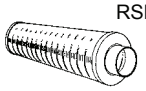
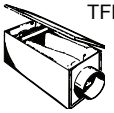
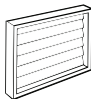
RSV


RSD

RVK


TFB-PTC


WVK