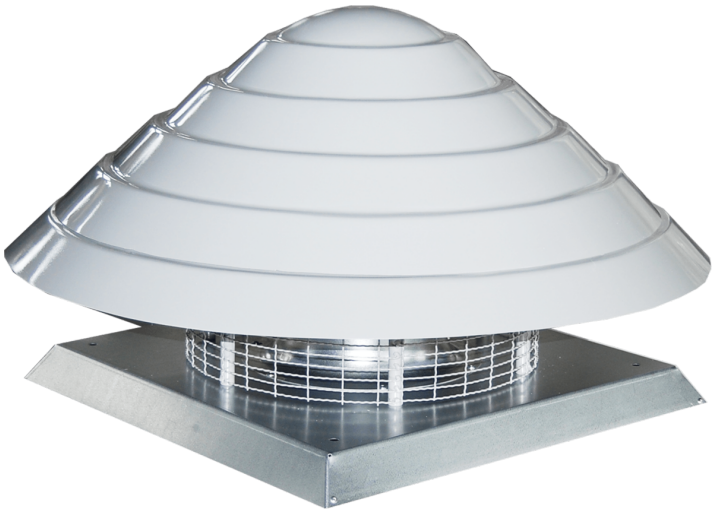


WDH Roof Fans

WDH fans comply with the EU energy efficiency requirements for fans and ventilation systems. These fans are characterised by high performance, optimum airflow rates and more options for adjusting airflow and operating noise levels according to current needs. WDH fans with horizontal discharge are designed for use in locations where continuous mechanical ventilation is required, e.g. production halls, warehouses, retail centres, shops, offices, etc. The extracted stale air may contain corrosive vapours, gases and particles within the limits set by environmental regulations.

PRODUCT DESCRIPTION

WDH range of roof fans with horizontal discharge includes 7 sizes from 31 to 63; The fans are equipped with:

- high performance rotor made of high strength composite materials and fitted with an integrated induction electric motor;
- casing made of polyester-glass laminate;
- base frame made of galvanised steel sheet.

The fans are designed for installation on PU roof socket or PUT roof socket silencer.

OPERATING CONDITIONS

WDH fans are available with the following motors:

- (AC/4J) single-phase ~1400 rpm with five-step transformer speed controllers for sizes 31, 35, 40, 45 and 50;
- (AC/4T) three-phase ~1400 rpm with five-step transformer speed controllers for sizes 31, 35, 40, 45, 50, 56 and 63;
- (EC/J) single-phase electronically commutated for sizes 31, 35, 40, 45;
- (EC/T) three-phase electronically commutated for sizes 35, 40, 45, 50, 56 and 63.

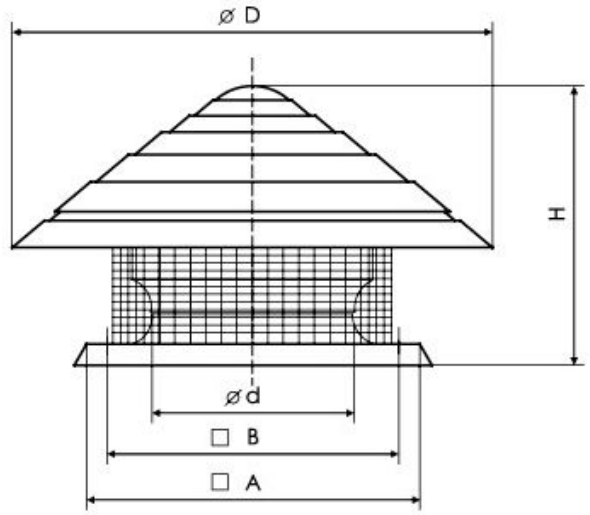
With the consent of the manufacturer, WDH fans can be manufactured with a ~900rpm 6-pole induction motors and a five-step transformer speed controllers.

JUWENT

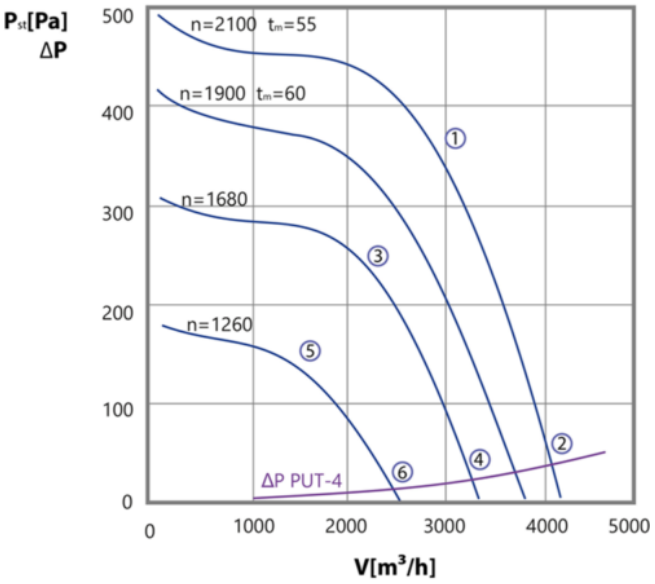
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-31-EC/J

DIMENSIONS



CHARACTERISTICS:



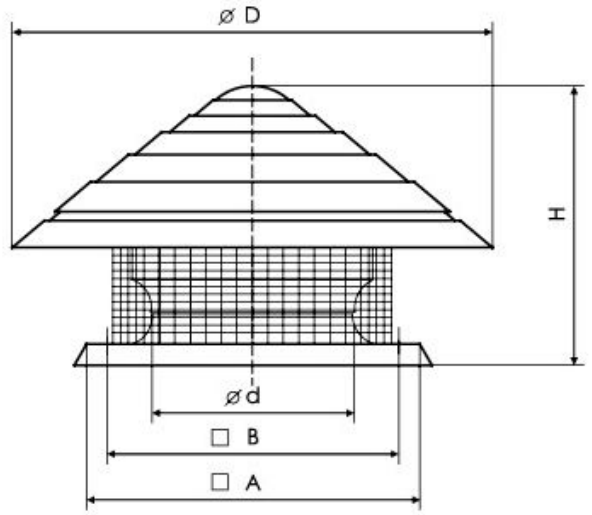
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
231	552	480	675	401	17,5

Impeller Type	RH31V-6IK.BD.VR
Motor type	MK090-40
Supply voltage	1~230V/50Hz
Motor power [kW]	0,56
Current [A]	2,8
Revolutions [rpm]	2100
Compliance	ErP 2015, CE

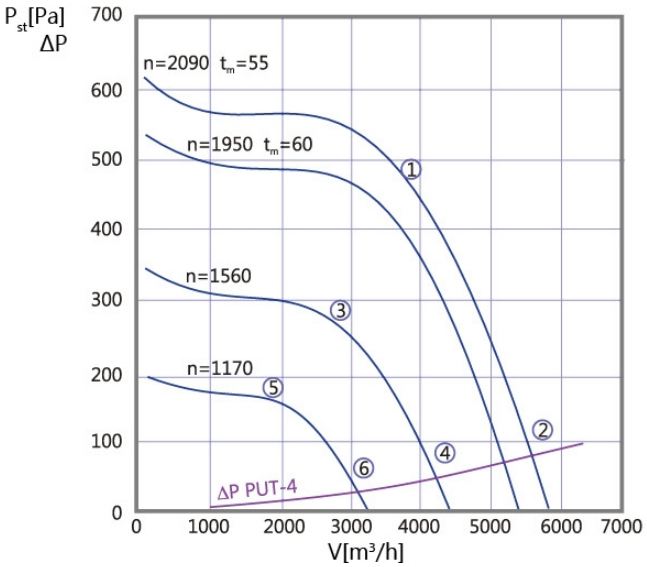
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-35-EC/J

DIMENSIONS



CHARACTERISTICS:



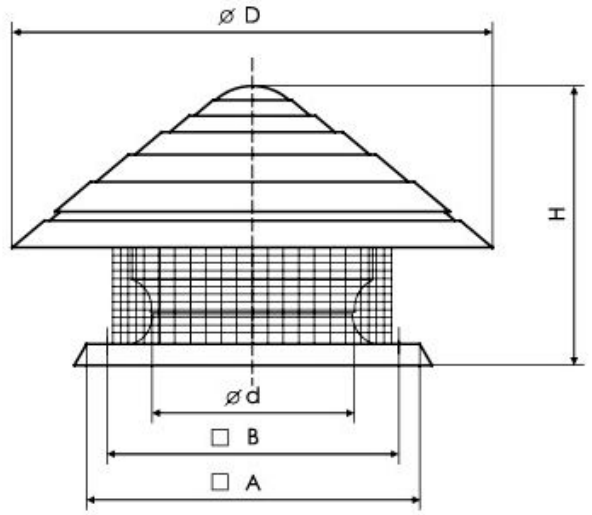
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
258	552	480	855	468	23,0

Impeller Type	RH35V-ZIK.DC.VR
Motor type	MK116-36
Supply voltage	1~230V/50Hz
Motor power [kW]	0,98
Current [A]	5,0
Revolutions [rpm]	2090
Compliance	ErP 2015, CE

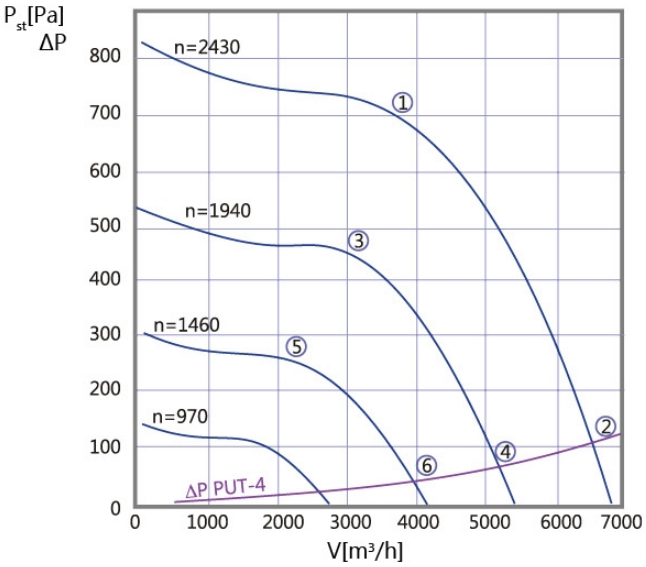
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-35-EC/T

DIMENSIONS



CHARACTERISTICS:



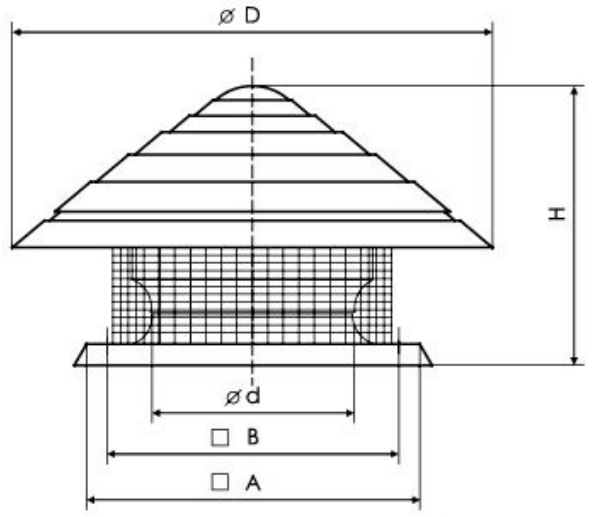
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
258	552	480	855	468	23,0

Impeller Type	RH35V-ZIK.DC.VR
Motor type	MK116-36
Supply voltage	3~400V/50Hz
Motor power [kW]	1,50
Current [A]	2,4
Revolutions [rpm]	2430
Compliance	ErP 2015, CE

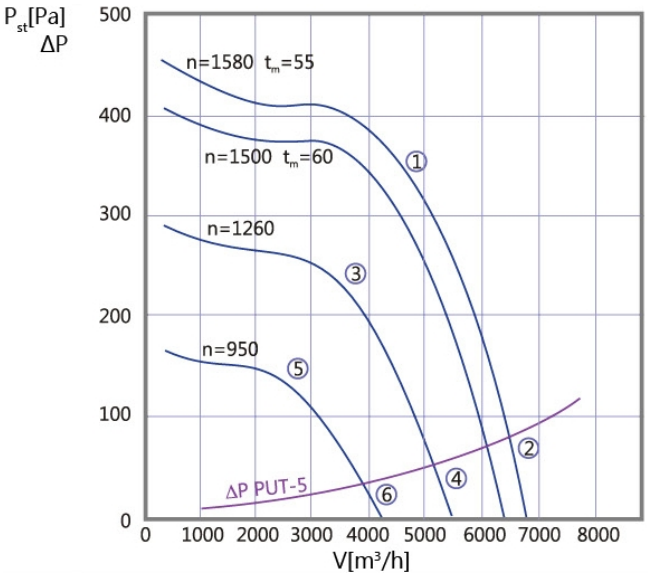
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-40-EC/J

DIMENSIONS



CHARACTERISTICS:



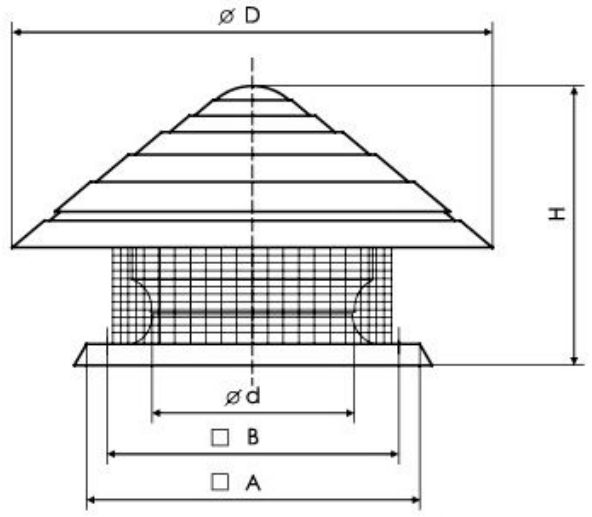
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
298	632	560	855	491	26,0

Impeller Type	RH40V-ZIK.DC.VR
Motor type	MK116-36
Supply voltage	1~230V/50Hz
Motor power [kW]	0,84
Current [A]	4,2
Revolutions [rpm]	1580
Compliance	ErP 2015, CE

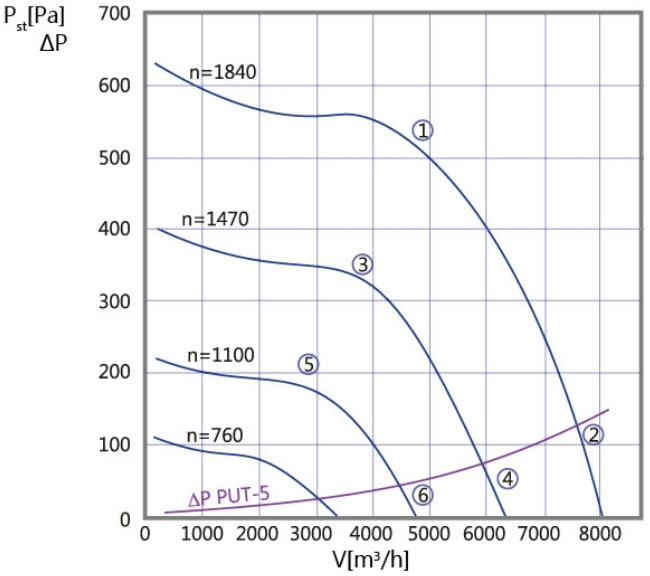
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-40-EC/T

DIMENSIONS



CHARACTERISTICS:



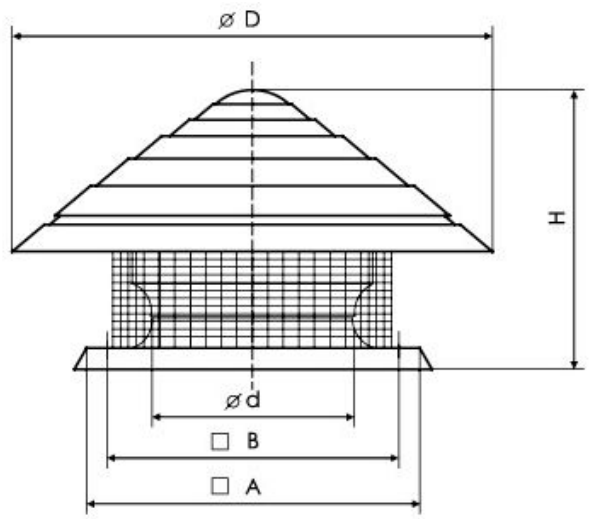
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
298	632	560	855	491	26,0

Impeller Type	RH40V-ZIK.DC.VR
Motor type	MK116-36
Supply voltage	3~400V/50Hz
Motor power [kW]	1,30
Current [A]	2,1
Revolutions [rpm]	1840
Compliance	ErP 2015, CE

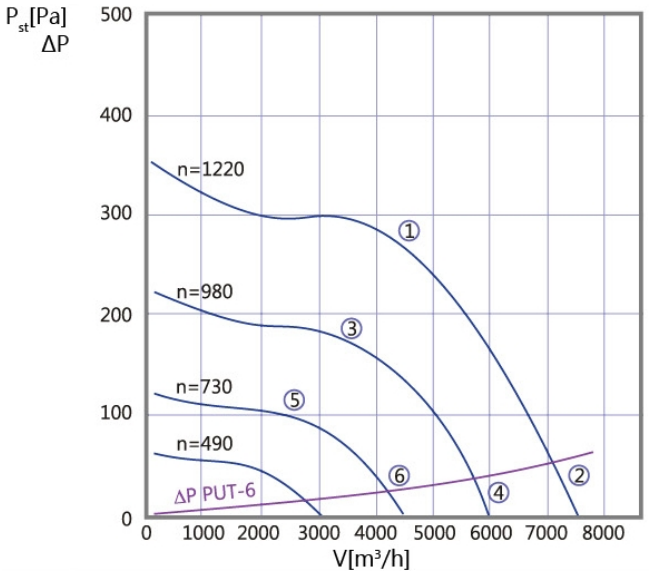
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-45-EC/J

DIMENSIONS



CHARACTERISTICS:



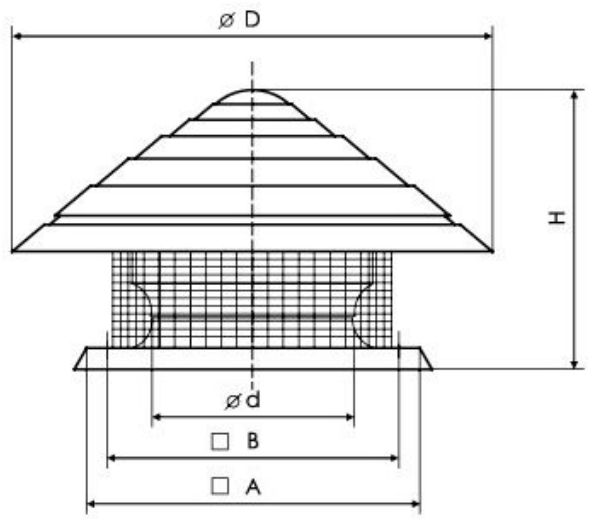
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
331	702	630	855	530	30,5

Impeller Type	RH45V-ZIK.DC.VR
Motor type	MK116-36
Supply voltage	1~230V/50Hz
Motor power [kW]	0,64
Current [A]	3,3
Revolutions [rpm]	1220
Compliance	ErP 2015, CE

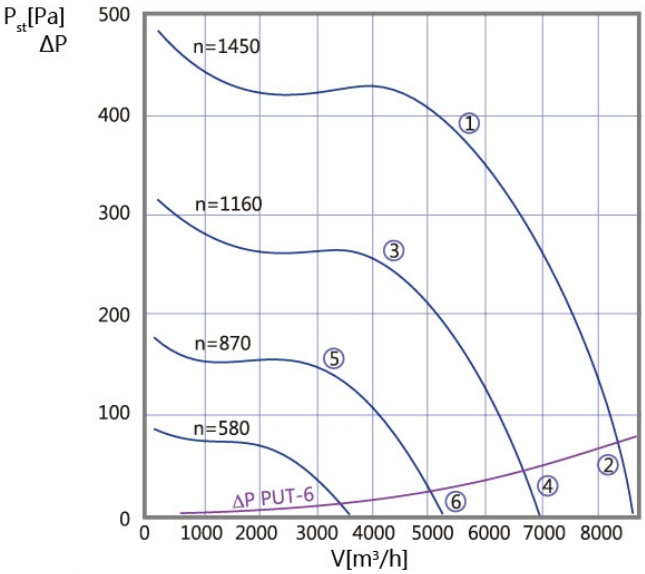
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-45-EC/T

DIMENSIONS



CHARACTERISTICS:



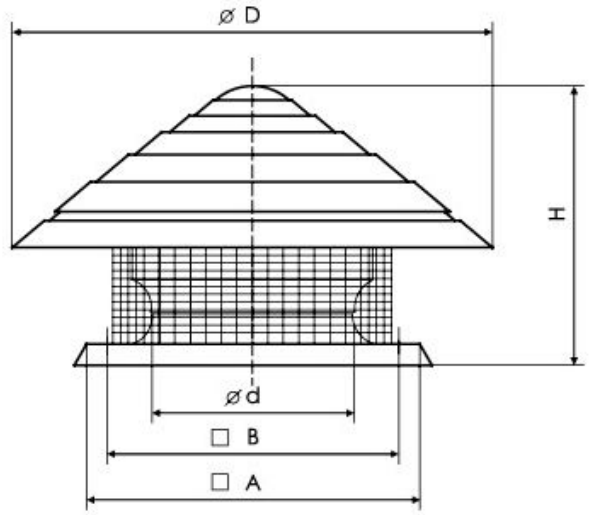
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
331	702	630	855	530	30,5

Impeller Type	RH45V-ZIK.DC.VR
Motor type	MK116-36
Supply voltage	3~400V/50Hz
Motor power [kW]	1,10
Current [A]	1,8
Revolutions [rpm]	1450
Compliance	ErP 2015, CE

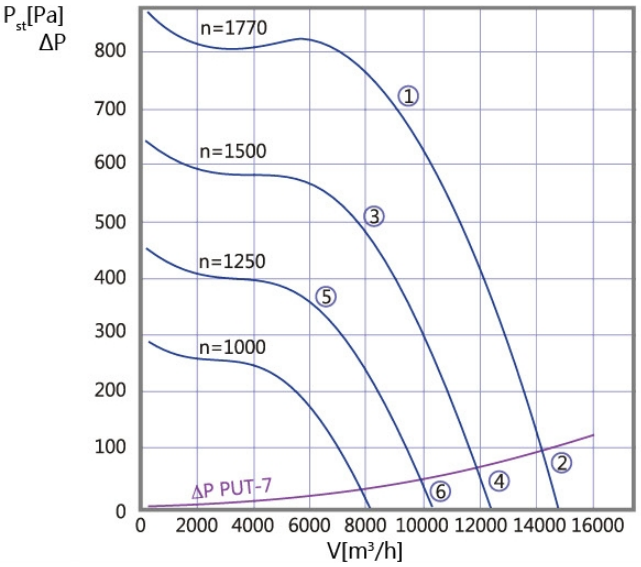
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-50-EC/T

DIMENSIONS



CHARACTERISTICS:



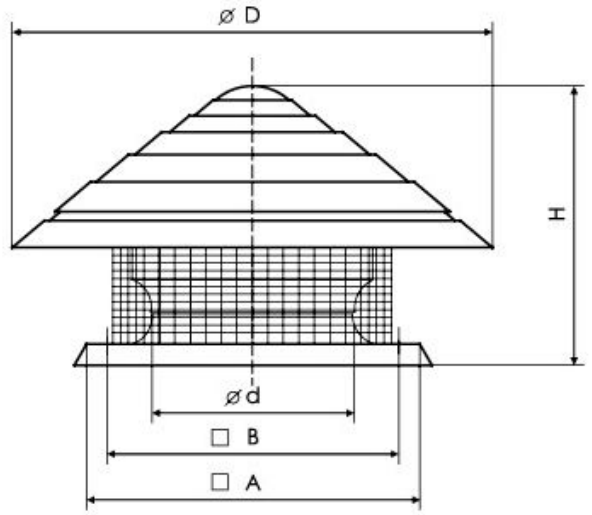
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
366	782	710	1220	568	46,0

Impeller Type	RH50V-ZIK.GG.VR
Motor type	MK152-56
Supply voltage	3~400V/50Hz
Motor power [kW]	3,10
Current [A]	5,0
Revolutions [rpm]	1770
Compliance	ErP 2015, CE

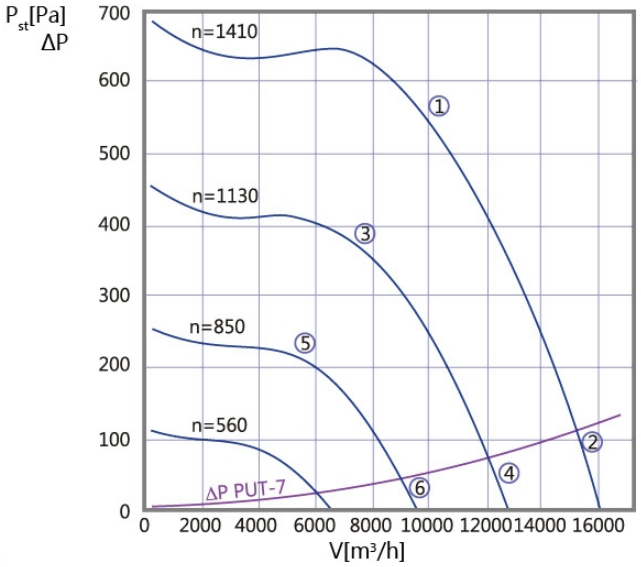
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-56-EC/T

DIMENSIONS



CHARACTERISTICS:



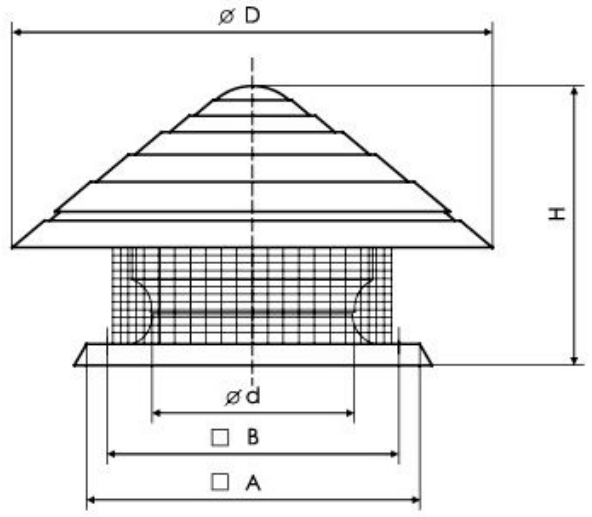
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
408	782	710	1220	603	49,5

Impeller Type	RH56V-ZIK.GG.VR
Motor type	MK152-56
Supply voltage	3~400V/50Hz
Motor power [kW]	2,60
Current [A]	4,2
Revolutions [rpm]	1410
Compliance	ErP 2015, CE

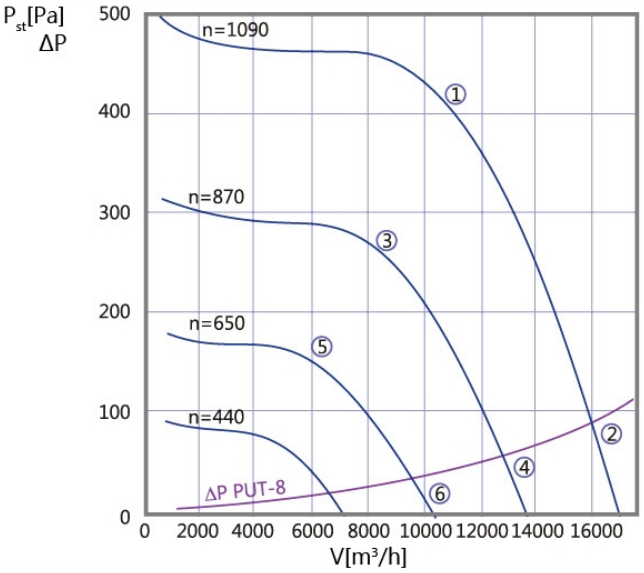
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-63-EC/T

DIMENSIONS



CHARACTERISTICS:



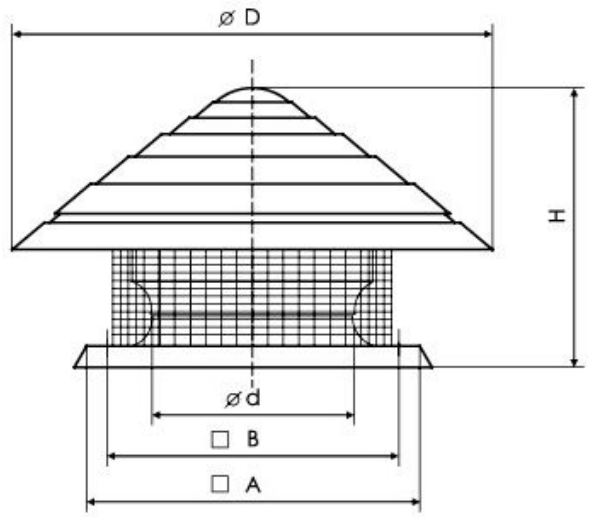
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
454	872	800	1220	642	55,5

Impeller Type	RH63V-ZIK.GG.VR
Motor type	MK152-56
Supply voltage	3~400V/50Hz
Motor power [kW]	2,10
Current [A]	3,4
Revolutions [rpm]	1090
Compliance	ErP 2015, CE

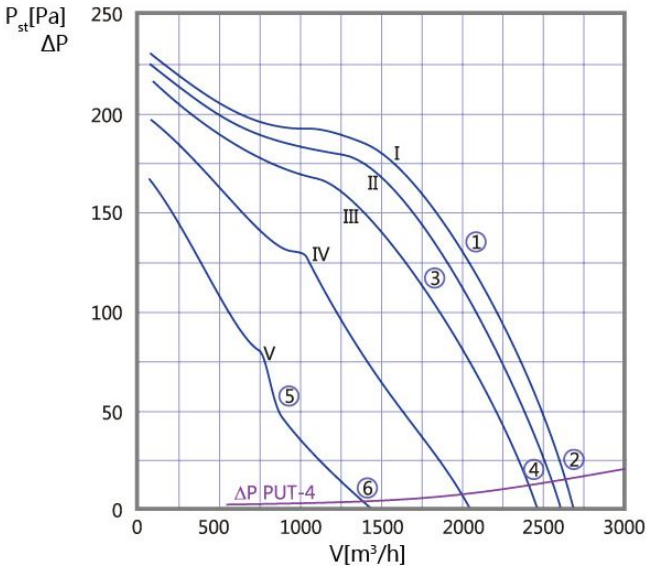
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-31-AC/4J

DIMENSIONS



CHARACTERISTICS:



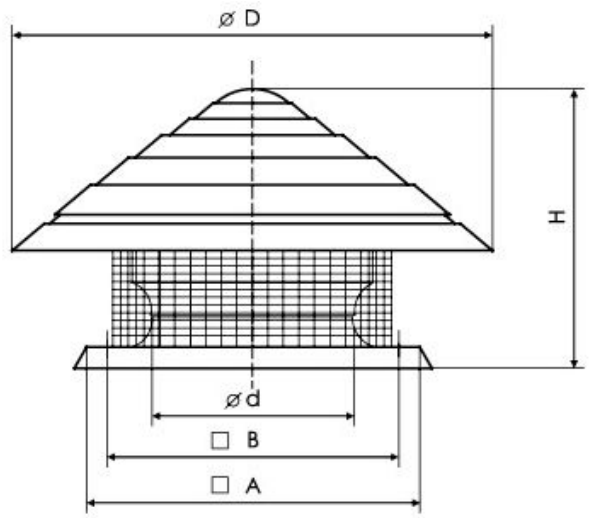
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
231	552	480	675	401	16,5

Impeller type	RH31V-4EK.2F.VR
Supply voltage	1~230V/50Hz
Motor power [kW]	0,22
Current [A]	1,10
Revolutions [rpm]	1370
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

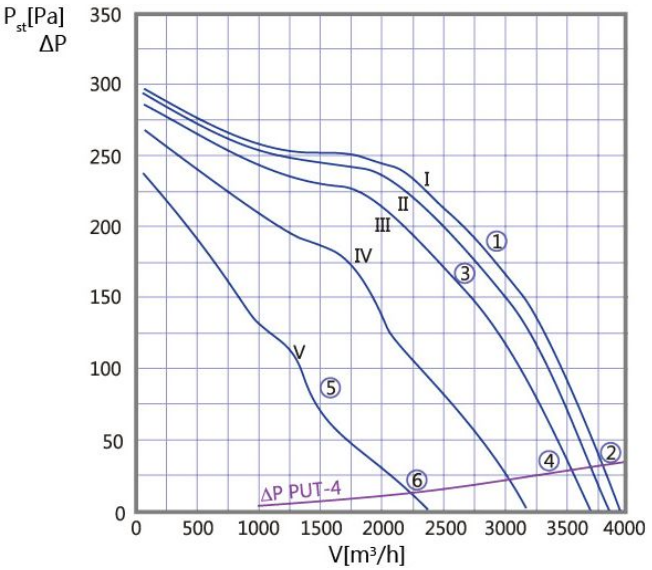
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-35-AC/4J

DIMENSIONS



CHARACTERISTICS:



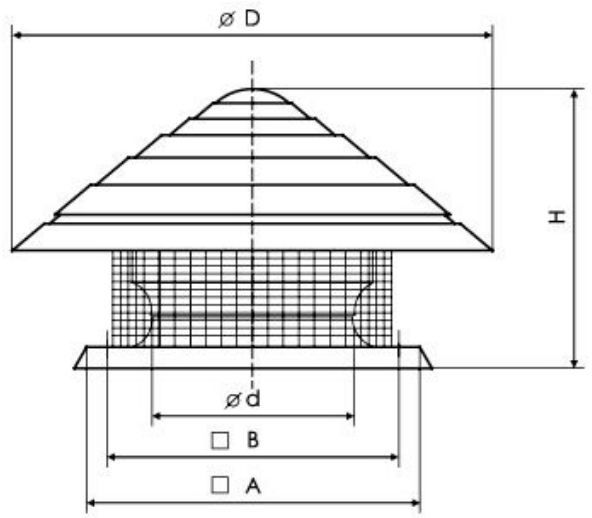
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
258	552	480	855	468	22,0

Impeller type	RH35V-4EK.4F.VR
Supply voltage	1~230V/50Hz
Motor power [kW]	0,37
Current [A]	1,85
Revolutions [rpm]	1390
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

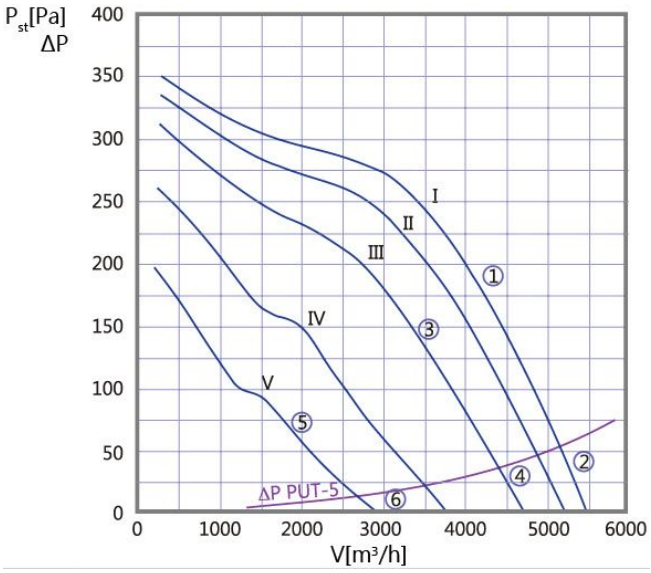
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-40-AC/4J

DIMENSIONS



CHARACTERISTICS:



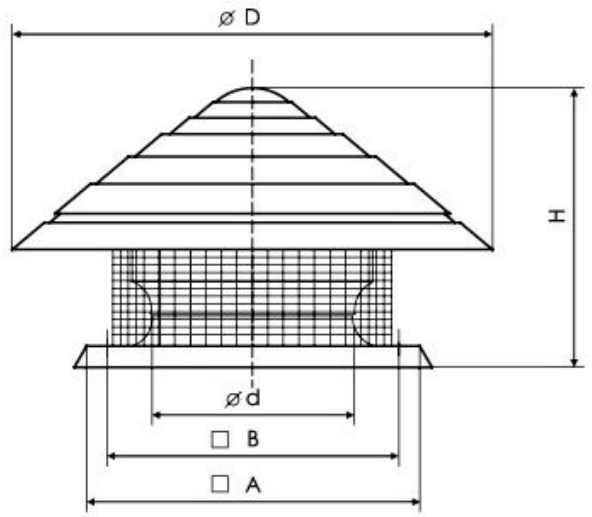
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
298	632	560	855	491	26,5

Impeller type	RH40V-4EK.4I.VR
Supply voltage	1~230V/50Hz
Motor power [kW]	0,58
Current [A]	2,60
Revolutions [rpm]	1270
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

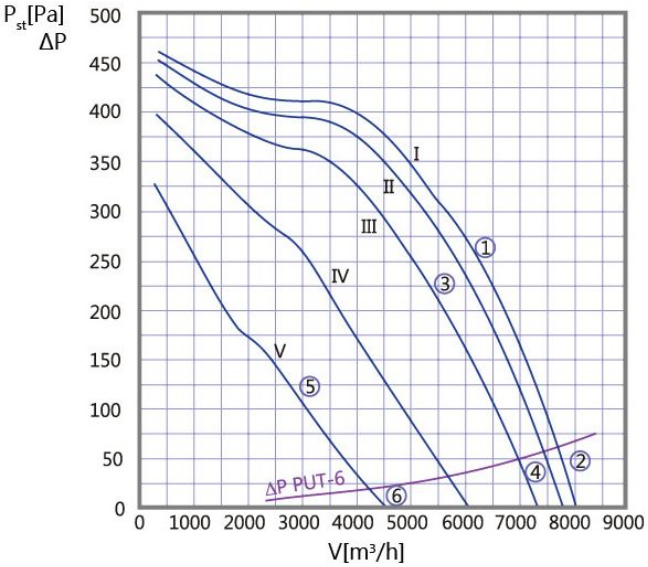
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-45-AC/4J

DIMENSIONS



CHARACTERISTICS:



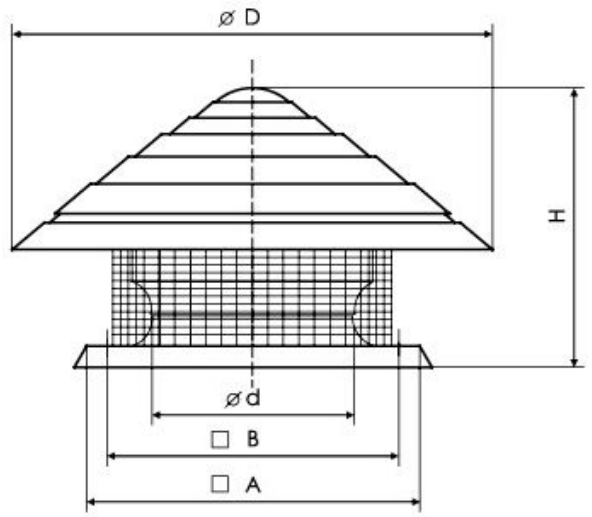
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
331	702	630	855	530	40,0

Impeller type	RH45V-4EK.6K.VR
Supply voltage	1~230V/50Hz
Motor power [kW]	1,10
Current [A]	5,20
Revolutions [rpm]	1380
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

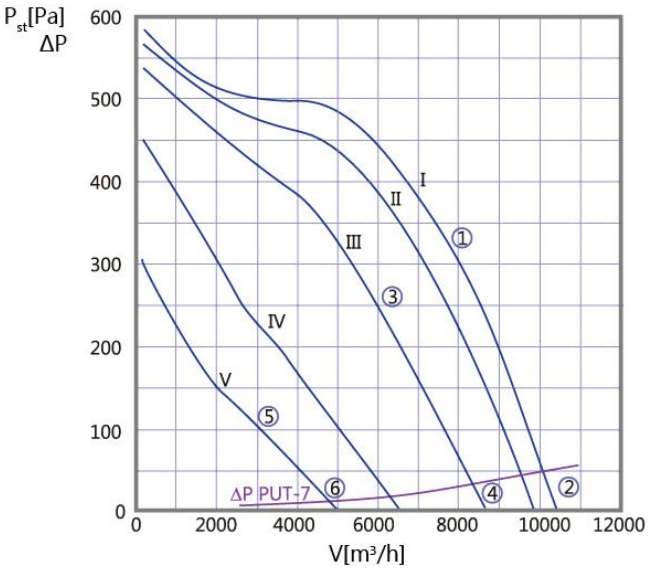
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-50-AC/4J

DIMENSIONS



CHARACTERISTICS:



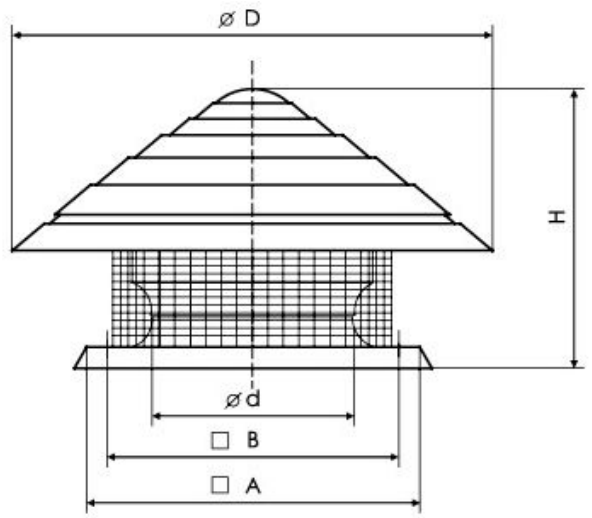
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
366	782	710	1220	568	51,0

Impeller type	RH50V-4EK.6N.VR
Supply voltage	1~230V/50Hz
Motor power [kW]	1,65
Current [A]	7,40
Revolutions [rpm]	1350
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

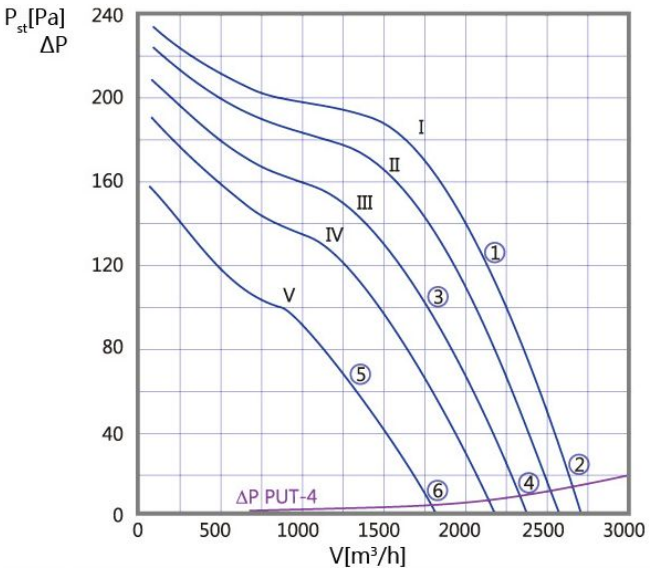
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-31-AC/4T

DIMENSIONS



CHARACTERISTICS:



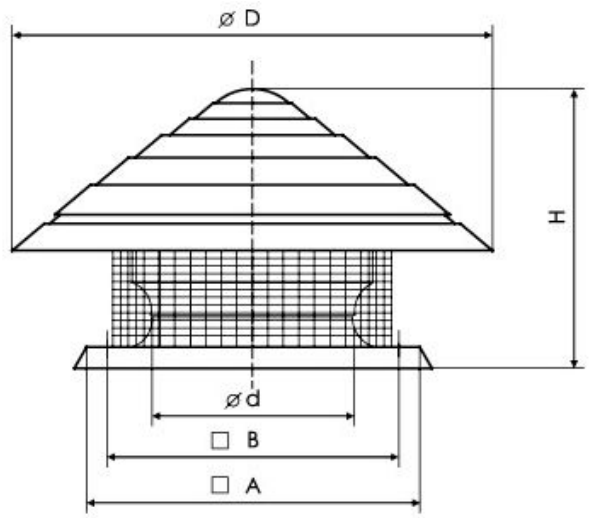
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
231	552	480	675	401	16,5

Impeller type	RH31V-4DK.2F.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	0,21
Current [A]	0,50
Revolutions [rpm]	1390
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

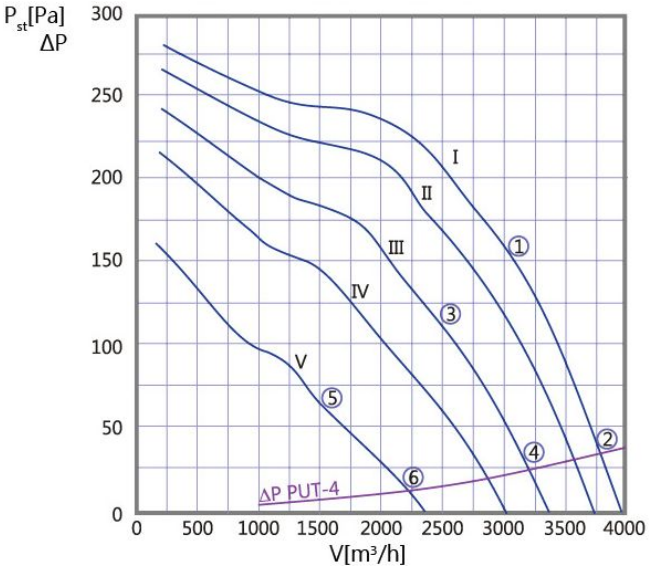
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-35-AC/4T

DIMENSIONS



CHARACTERISTICS:



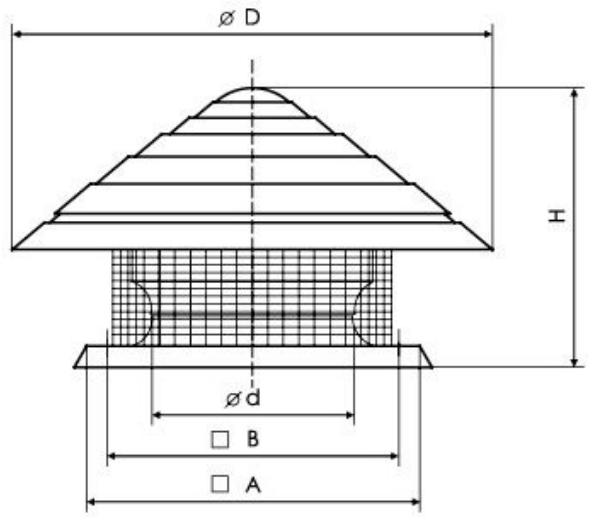
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
258	552	480	855	468	22,0

Impeller type	RH35V-4DK.4C.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	0,33
Current [A]	0,68
Revolutions [rpm]	1380
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

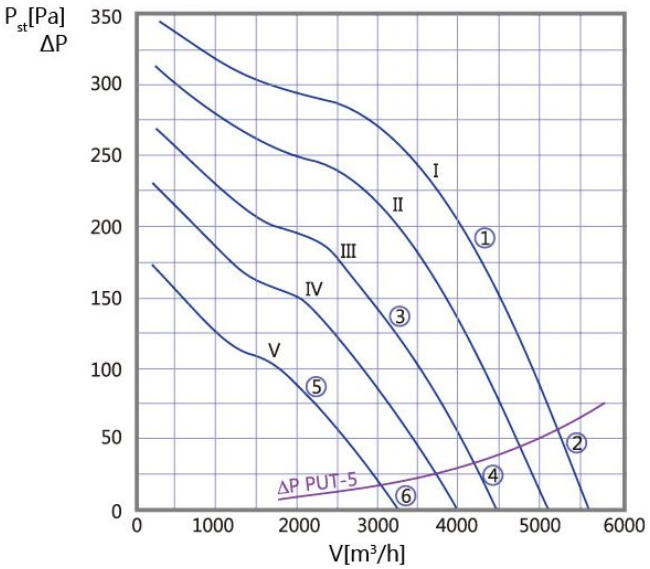
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-40-AC/4T

DIMENSIONS



CHARACTERISTICS:



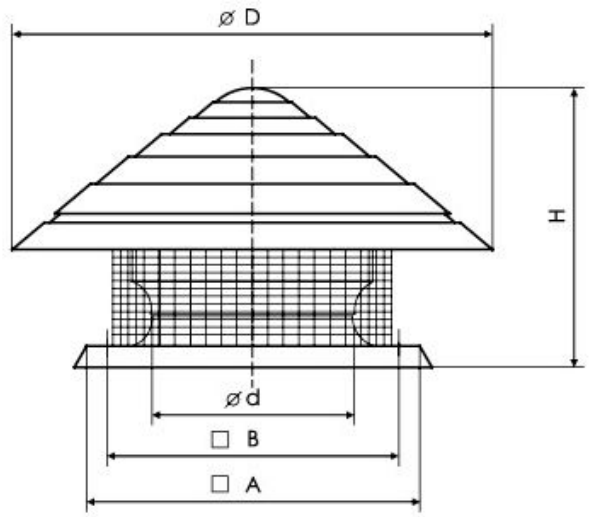
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
298	632	560	855	491	26,5

Impeller type	RH40V-4DK.4I.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	0,54
Current [A]	1,20
Revolutions [rpm]	1290
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

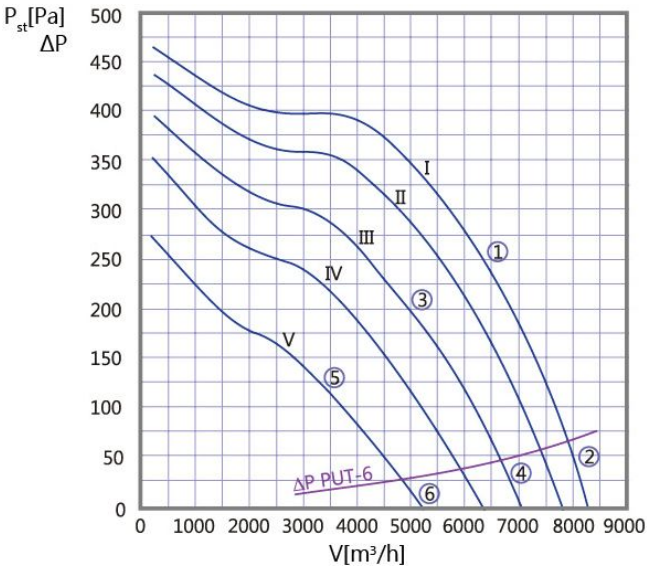
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-45-AC/4T

DIMENSIONS



CHARACTERISTICS:



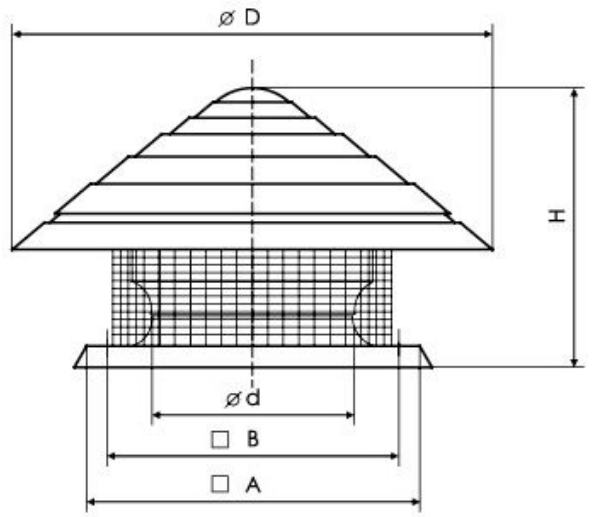
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
331	702	630	855	530	40,0

Impeller type	RH45V-4DK.6F.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	1,0
Current [A]	1,95
Revolutions [rpm]	1370
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

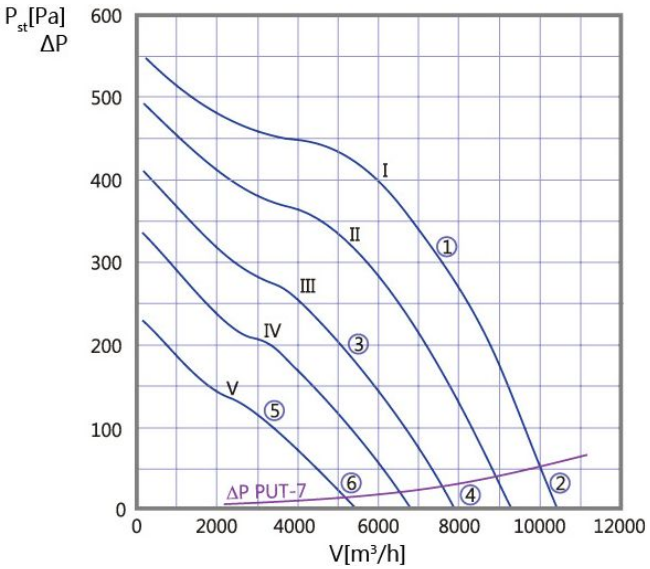
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-50-AC/4T

DIMENSIONS



CHARACTERISTICS:



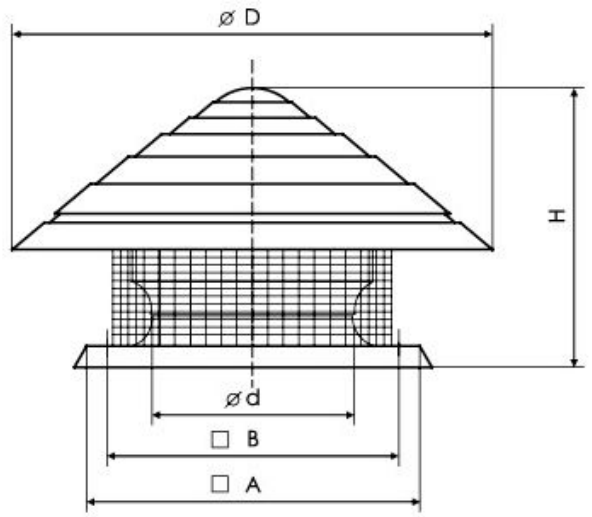
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
366	782	710	1220	568	51,0

Impeller type	RH50V-4DK.6K.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	1,45
Current [A]	2,80
Revolutions [rpm]	1280
Minimum temperature [OC]	-15
Maximum temperature [OC]	+60
Compliance	ErP 2015, CE

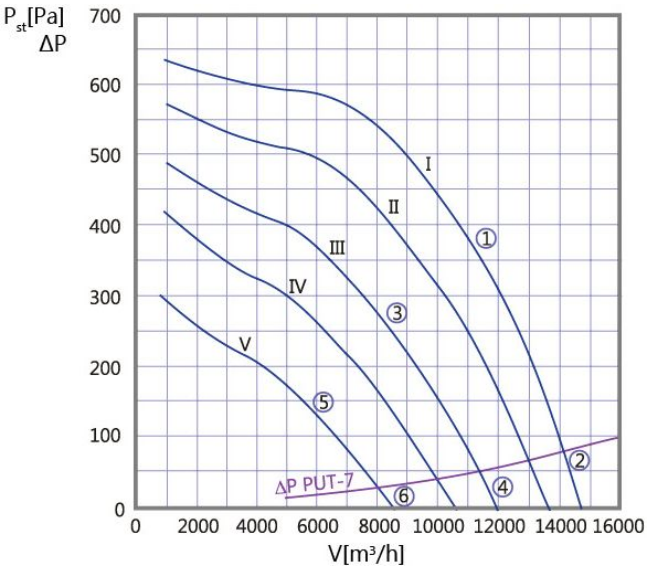
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-56-AC/4T

DIMENSIONS



CHARACTERISTICS:



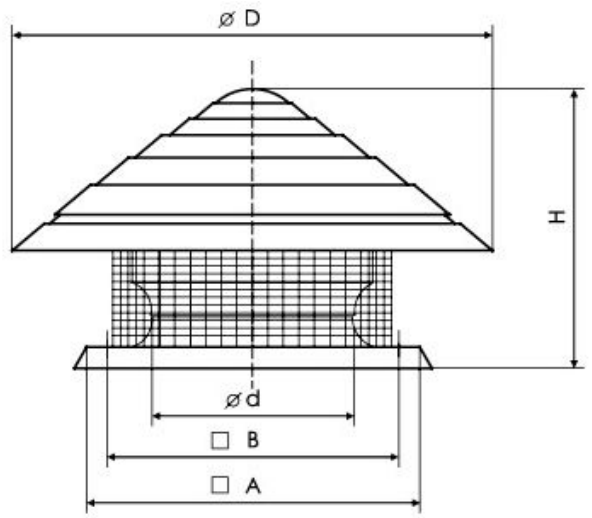
Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
408	782	710	1220	603	54,5

Impeller type	RH56V-4DK.6N.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	2,50
Current [A]	4,60
Revolutions [rpm]	1330
Minimum temperature [OC]	-15
Maximum temperature [OC]	+45
Compliance	ErP 2015, CE

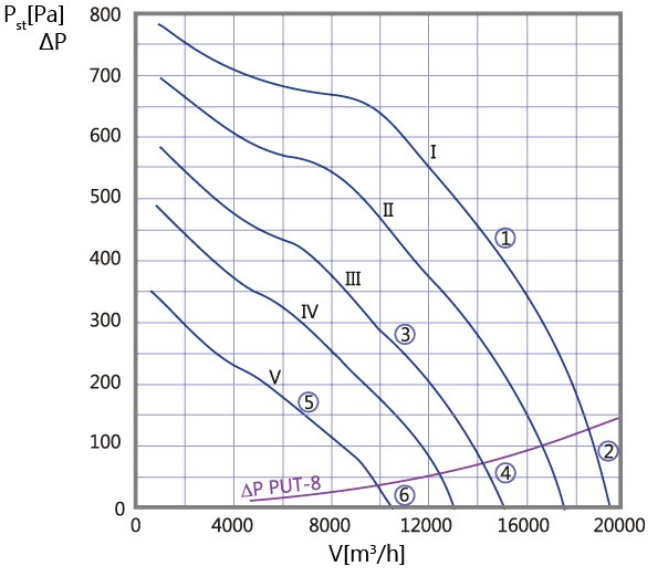
JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl

WDV-63-AC/4T

DIMENSIONS



CHARACTERISTICS:



Ød [mm]	A [mm]	B [mm]	C [mm]	H [mm]	Weight [kg]
454	872	800	1220	642	74,0

Impeller type	RH63V-4DK.7Q.VR
Supply voltage	3~400V/50Hz
Motor power [kW]	3,90
Current [A]	6,60
Revolutions [rpm]	1270
Minimum temperature [OC]	-15
Maximum temperature [OC]	+55
Compliance	ErP 2015, CE

JUWENT
31 Lubelska str., 08-500 Ryki
+48 502 087 841, +48 664 465 243
export@juwent.com.pl