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Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN063 VD - fiche technique | Motralec

■ DEMANDE DE PRIX RAPIDE : <https://www.motralec.com/demandeContact>

High pressure fans Addendum Fans and Control Technology for agriculture
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FE2owlet with ZApplus

for three phase alternating current, 4-4 pole

ZN063-VD



Description

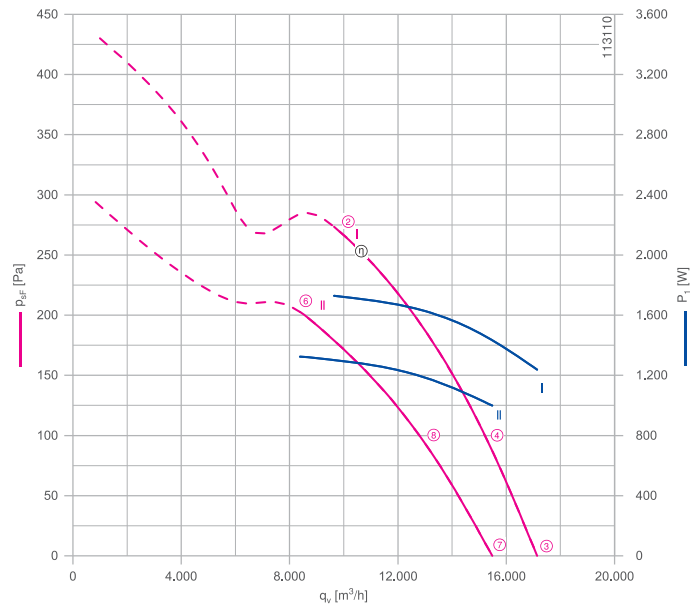
Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Input power P_i : 1.75/1.35 kW*
 Rated current I_N : 3.70/2.20 A*
 Rated speed n_N : 1400/1210 min⁻¹*
 Starting current I_A : 20.00 / 6.50 A
 Current increase ΔI : 5 %
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint, jet black
 Rotor: Aluminium, 2 coat paint, jet black
 Conformity: ErP 2015, CE

ErP-data

Efficiency η_{stat} : 44,8 %
 Efficiency grade: $N_{actual} = 49.7 / N_{target} = 40$ **
 * Rated data
 **ErP 2015

*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve



Measured in ZApplus without guard grille in installation type A according to ISO 5801.

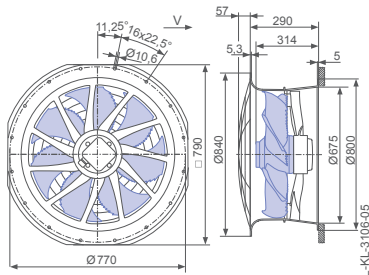
Connection diagram

1360-108XA

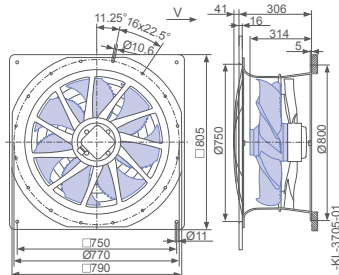
Dimensions mm

Airflow direction →

Design L - ZApplus Ontop, guard grille suction side

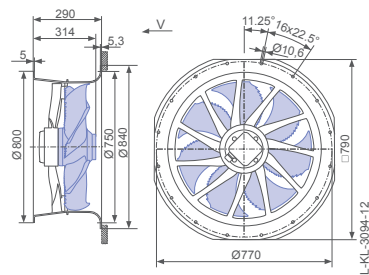


Design Q - ZApplus with adapter plate, guard grille suction side



← Airflow direction

Design L - ZApplus Ontop without guard grille



Performance data

Type	Characteristic curve	Connection	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m	Specific power
			U V						
ZN063-VD_6N.V7P6	I	Δ	400	②	3.70	1750	1400		180.1
				③	3.20	1250	1440	61	72.2
				④	3.40	1450	1420	60	95.4
				⑥	2.20	1300	1210		159.8
	II	Y	400	⑦	1.75	1000	1300	59	64.5
				⑧	2.00	1200	1250	57	93.6

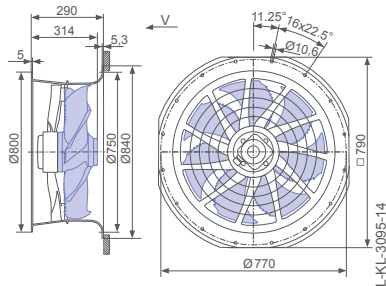
Fan ordering information

Airflow direction		Airflow direction				
Design	L (guard grille suction side) Ontop	Q (guard grille suction side)	L (without guard grille) Ontop	L (guard grille pressure side) Ontop	Q (without guard grille)	Q (guard grille pressure side)
Type	ZN063-VDL.6N.V7P6	ZN063-VDQ.6N.V7P6	ZN063-VDL.6N.V7P6	ZN063-VDL.6N.V7P6	ZN063-VDQ.6N.V7P6	ZN063-VDQ.6N.V7P6
Article no.	177608	177611	177607	177609	177610	177612
Weight kg	32.50	34.50	30.30	31.30	32.30	33.40
ZApplus attachable on both sides.						

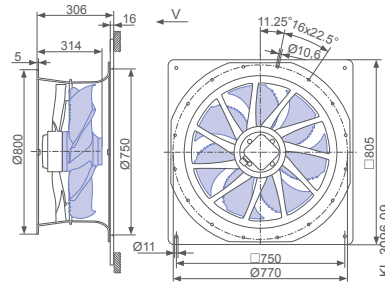
Control technology



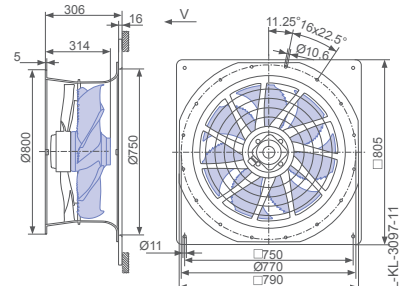
Design L - ZApplus Ontop, guard grille pressure side



Design Q - ZApplus with adapter plate, without guard grille



Design Q - ZApplus with adapter plate, guard grille pressure side



FE2owlet with ZAplus

for three phase alternating current, 4-4 pole

ZN071-VD



Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz*
 Input power P_i : 2.60/1.80 kW*
 Rated current I_N : 4.80/3.00 A*
 Rated speed n_N : 1340/1060 min⁻¹*
 Starting current I_A : 20.00 / 6.50 A
 Current increase ΔI : 5 %
 Thermal class: **THCL155***
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 60 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint, jet black
 Rotor: Aluminium, 2 coat paint, jet black
 Conformity: ErP 2015, CE

ErP-data

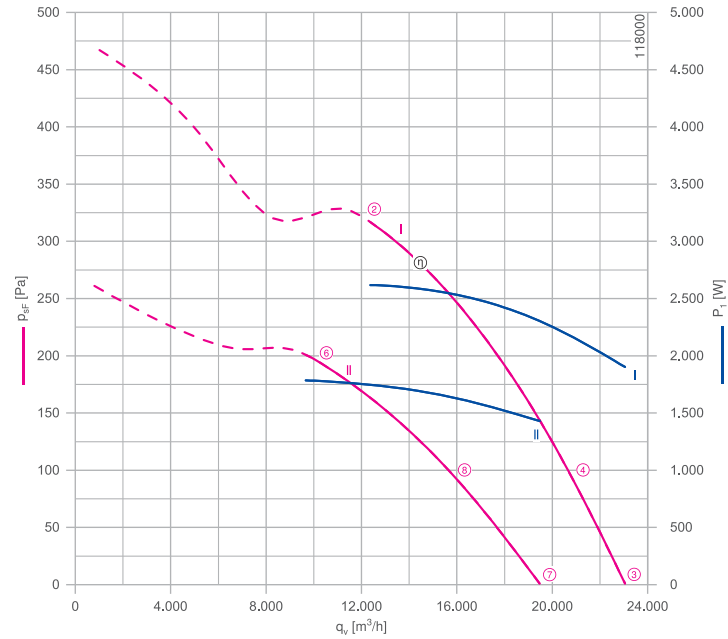
Efficiency η_{statA} : 44.7 %
 Efficiency grade: $N_{actual} = 48.4 / N_{target} = 40^{**}$

* Rated data

**ErP 2015

*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve



Measured in ZPlus without guard grille in installation type A according to ISO 5801.

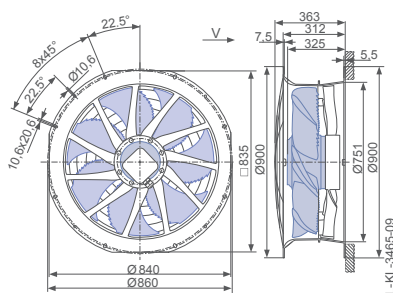
Connection diagram

1360-108XA

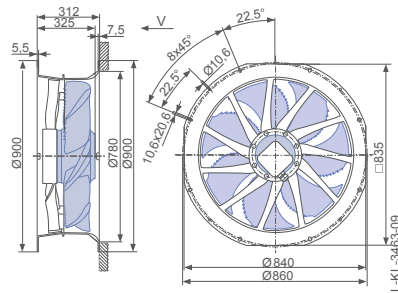
Dimensions mm



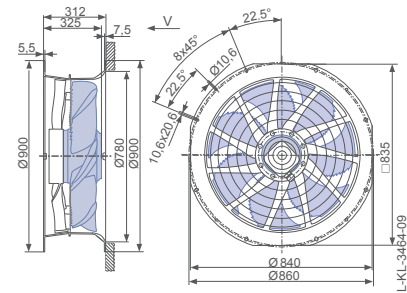
Design L - ZPlus Ontop, guard grille suction side



Design L - ZPlus Ontop without guard grille



Design L - ZPlus Ontop, guard grille pressure side



Performance data

Type	Characteristic curve	Connection	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m L _{TA} dB(A)	Specific power P _{spez} Wh/1000m ³
			U V						
ZN071-VD_6N.V7P2	I	Δ	400	②	4.80	2600	1340		214.6
				③	3.90	1900	1390	59	82.5
				④	4.20	2200	1370	58	105.2
				⑥	2.90	1800	1060		184.2
	II	Y	400	⑦	2.40	1450	1180	55	73.4
				⑧	2.70	1650	1110	52	104.4

Fan ordering information

Airflow direction → Airflow direction

Design	L (guard grille suction side) Ontop	L (without guard grille) Ontop	L (guard grille pressure side) Ontop
Type	ZN071-VDL.6N.V7P2	ZN071-VDL.6N.V7P2	ZN071-VDL.6N.V7P2
Article no.	177625	177624	177626
Weight kg	34.40	31.80	33.00
ZApuls attachable on both sides.			

Control technology

Frequency inverters Fcontrol 3~	Motor protection units 3~	Electronic voltage controllers 3~

FE2owlet with ZPlus

for three phase alternating current, 6-6 pole

ZN080-SD



Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Input power P_i : 1.60/0.80 kW*
 Rated current I_N : 3.50/1.55 A*
 Rated speed n_N : 800/ 560 min⁻¹*
 Starting current I_A : 9.50 / 3.00 A
 Current increase ΔI : 0 %
 Thermal class: **THCL155***
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 70 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint, jet black
 Rotor: Aluminium, 2 coat paint, jet black
 Conformity: ErP 2015, CE

ErP-data

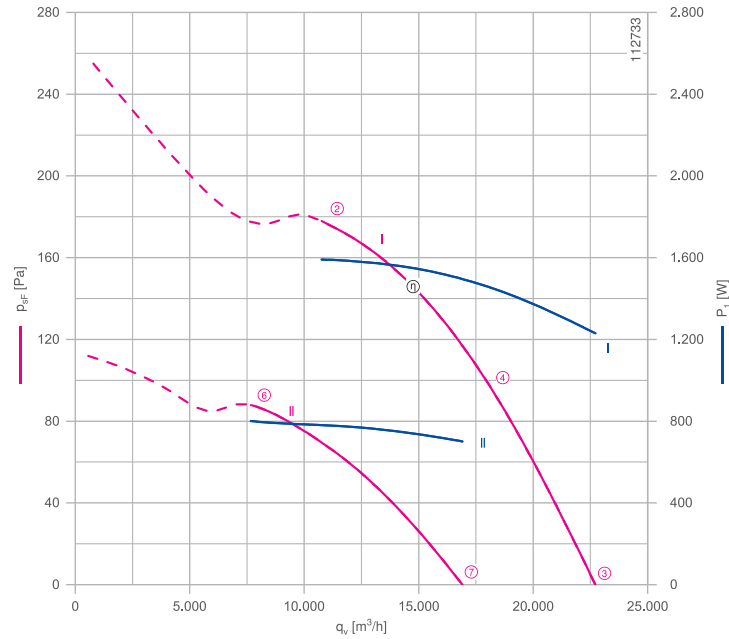
Efficiency η_{statA} : 39.6 %
 Efficiency grade: $N_{actual} = 44.7 / N_{target} = 40$ **

* Rated data

**ErP 2015

*** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve

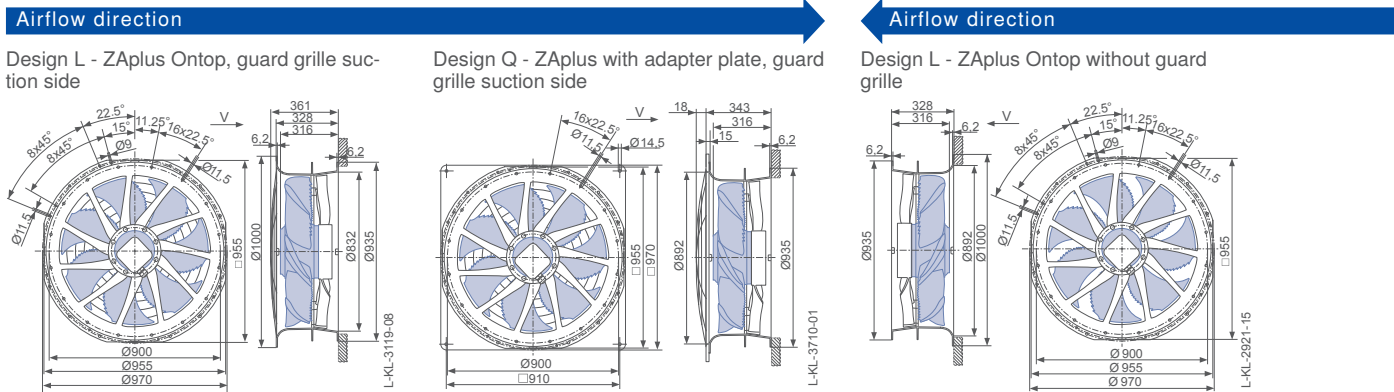


Measured in ZPlus without guard grille in installation type A according to ISO 5801.

Connection diagram

1360-108XA

Dimensions mm



Performance data

Type	Characteristic curve	Connection	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m	Specific power	
			U V							I A
ZN080-SD_6N.V7P5	I	Δ	400	②	3.50	1600	800			
				③	3.00	1250	860	53	54.1	
				④	3.30	1450	820	50	80.8	
	II	Y		⑥	1.55	800	560			105.5
				⑦	1.40	700	650	46	41.5	

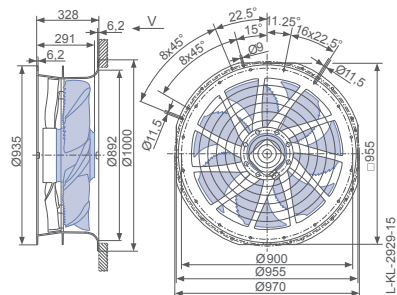
Fan ordering information

Airflow direction ←		→ Airflow direction				
Design	L (guard grille suction side) Ontop	Q (guard grille suction side)	L (without guard grille) Ontop	L (guard grille pressure side) Ontop	Q (without guard grille)	Q (guard grille pressure side)
Type	ZN080-SDL.6N.V7P5	ZN080-SDQ.6N.V7P5	ZN080-SDL.6N.V7P5	ZN080-SDL.6N.V7P5	ZN080-SDQ.6N.V7P5	ZN080-SDQ.6N.V7P5
Article no.	177684	177687	177683	177685	177686	177688
Weight kg	41.70	45.30	38.80	40.30	41.90	43.40
ZApplus attachable on both sides.						

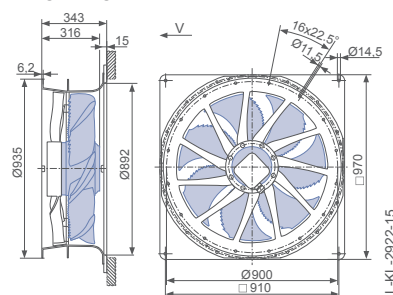
Control technology



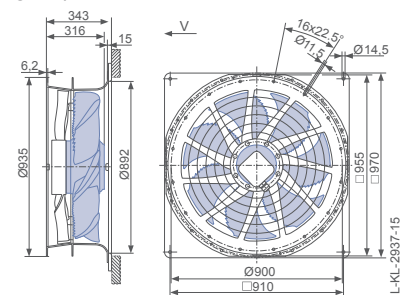
Design L - ZApplus Ontop, guard grille pressure side



Design Q - ZApplus with adapter plate, without guard grille



Design Q - ZApplus with adapter plate, guard grille pressure side



FE2owlet with ZPlus

for three phase alternating current, 4-4 pole

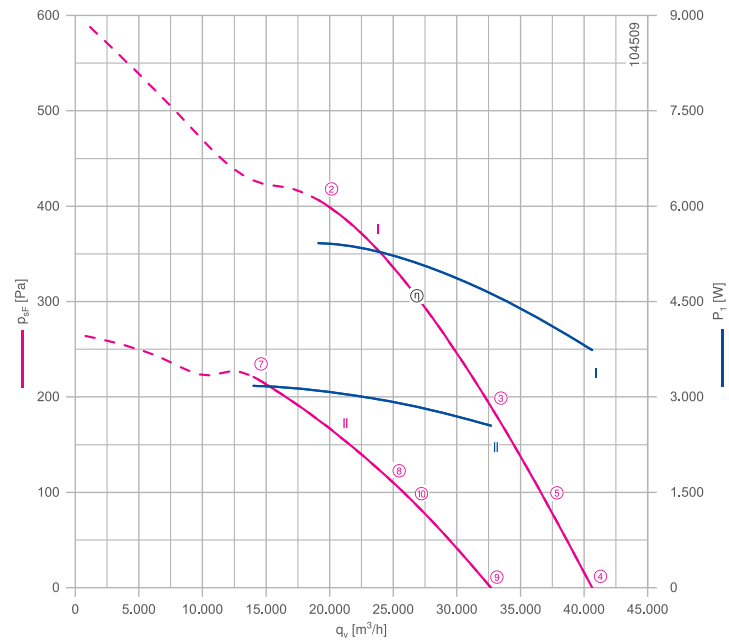
ZN091-VD



Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 5 Hz*
 Input power P_i : 5.40/3.20 kW*
 Rated current I_N : 9.00/5.20 A*
 Rated speed n_N : 1230/ 900 min^{-1} *
 Starting current I_A : 32.00 / 10.00 A
 Current increase ΔI : 0 %
 Thermal class: **THCL155***
 Min. permitted ambient temperature $t_{R(\text{min})}$: -40 °C***
 Max. permitted ambient temperature $t_{R(\text{max})}$: 40 °C
 Electrical connection: Terminal box
 Number of blades: 5
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint, jet black
 Rotor: Aluminium, 2 coat paint, jet black
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : 45.7 %
 Efficiency grade: $N_{\text{actual}} = 47.6 / N_{\text{target}} = 40$ **
 * Rated data
 **ErP 2015
 *** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve

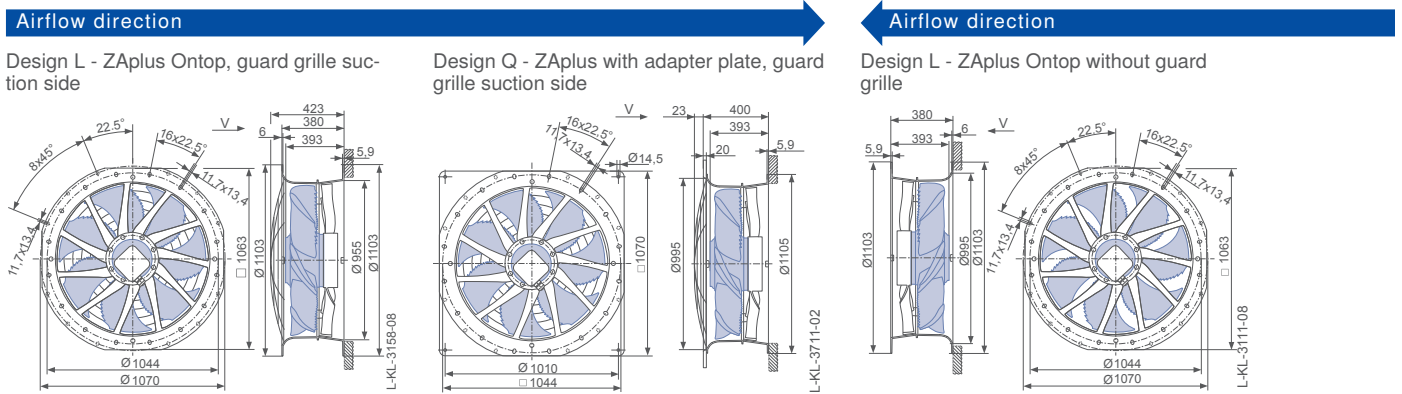


Measured in ZPlus without guard grille in installation type A according to ISO 5801.

Connection diagram

1360-108XA

Dimensions mm



Performance data

Type	Characteristic curve	Connection	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m	Specific power	Maximum ambient temperature
			U V		I A	P ₁ W	n min ⁻¹	L _{pA} dB(A)	P _{spez} Wh/1000m ³	t _R °C
ZN091-VD_7Q.V5P1	I	Δ	400	②	9.00	5400	1230		286.8	40
				③	7.80	4600	1280		145.7	60
				④	6.40	3700	1330	66	92.0	60
	II	Y		⑤	7.20	4200	1300	65	114.9	60
				⑥	5.20	3200	900		228.6	40
				⑦	4.80	2900	980		120.3	60
				⑧	4.00	2500	1070	59	78.0	60
				⑨	4.60	2900	990	56	111.7	60

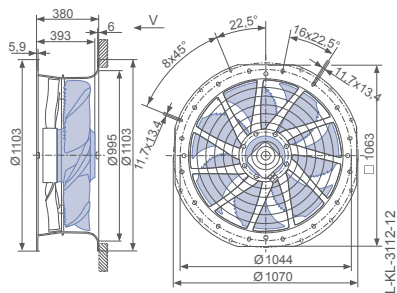
Fan ordering information

Design	L (guard grille suction side) Ontop	Q (guard grille suction side)	L (without guard grille) Ontop	L (guard grille pressure side) Ontop	Q (without guard grille)	Q (guard grille pressure side)
Type	ZN091-VDL.7Q.V5P1	ZN091-VDQ.7Q.V5P1	ZN091-VDL.7Q.V5P1	ZN091-VDL.7Q.V5P1	ZN091-VDQ.7Q.V5P1	ZN091-VDQ.7Q.V5P1
Article no.	178388	178391	178387	178389	178390	178392
Weight kg	60.40	64.30	56.90	58.80	60.70	62.60
ZPlus attachable on both sides.						

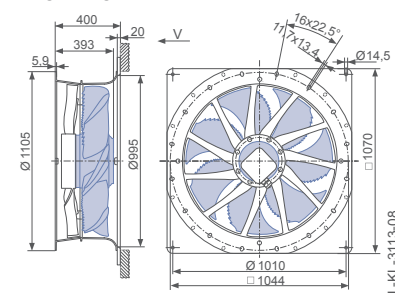
Control technology



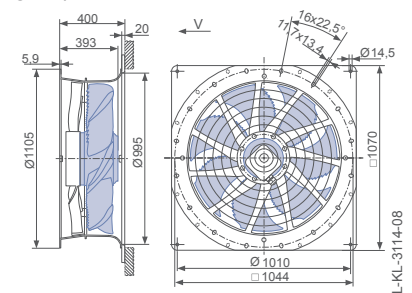
Design L - ZPlus Ontop, guard grille pressure side



Design Q - ZPlus with adapter plate, without guard grille



Design Q - ZPlus with adapter plate, guard grille pressure side



FE2owlet with ZPlus

for three phase alternating current, 6-6 pole

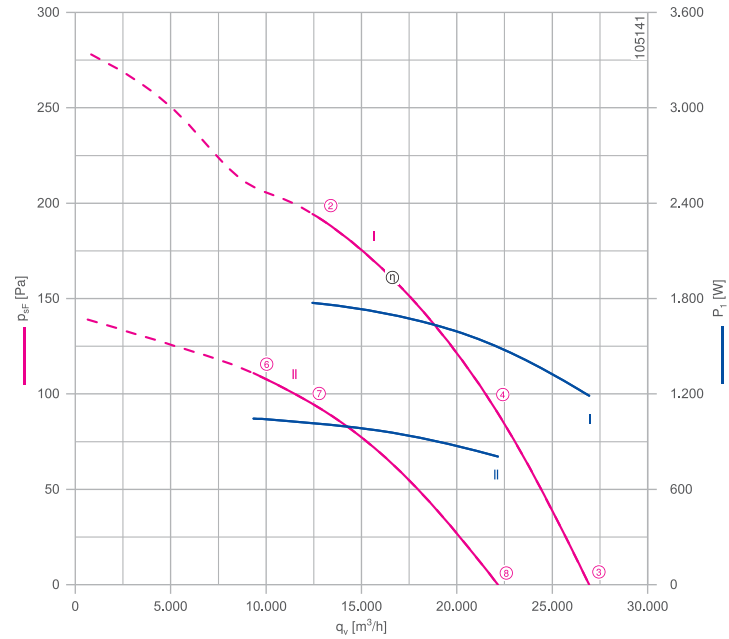
ZN091-SD



Description

Motor technology: AC
 Rated voltage U_N : 3~ 400 V (Δ/Y) ± 10 %*
 Rated frequency f_N : 50 Hz* (60Hz data available)
 Input power P_i : 1.8/1.05 kW*
 Rated current I_N : 3.80/1.90 A*
 Rated speed n_N : 850/ 640 min⁻¹*
 Starting current I_A : 11.00 / 3.40 A
 Current increase ΔI : 0 %
 Thermal class: THCL155*
 Min. permitted ambient temperature $t_{R(min)}$: -40 °C***
 Max. permitted ambient temperature $t_{R(max)}$: 65 °C
 Electrical connection: Terminal box
 Number of blades: 7
 Degree of protection : IP54
 Motor protection: thermal contact
 Blades: Aluminium, 2 coat paint, jet black
 Rotor: Aluminium, 2 coat paint, jet black
 Conformity: ErP 2015, CE
ErP-data
 Efficiency η_{statA} : 44.7 %
 Efficiency grade: $N_{actual} = 49.6 / N_{target} = 40$ **
 * Rated data
 **ErP 2015
 *** Continuous operation with occasional starts (S1) according to DIN EN 60034-1:2011-02. Occasional starting between -40 °C and -25 °C is permissible. Continuous operation below -25 °C only with special bearings for refrigeration applications on request.

Characteristic curve

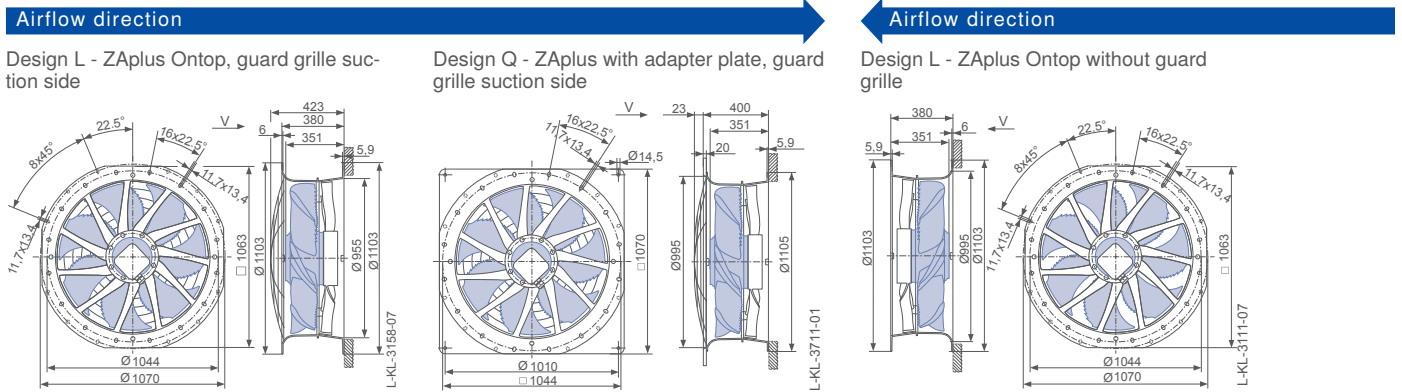


Measured in ZPlus without guard grille in installation type A according to ISO 5801.

Connection diagram

1360-108XA

Dimensions mm



Type	Characteristic curve	Connection	Voltage	Operating point	Current	Input power	Speed	Acoustic pressure level 7m	Specific power
			U V						
ZN091-SD_6N.V7P2	I	Δ	400	②	3.80	1750	850		144.0
				③	3.10	1200	910	57	44.1
				④	3.50	1550	870	54	70.9
				⑥	1.85	1050	640		112.2
	II	Y		⑦	1.50	800	750	51	36.4
				⑧	1.85	1050	650	51	88.6

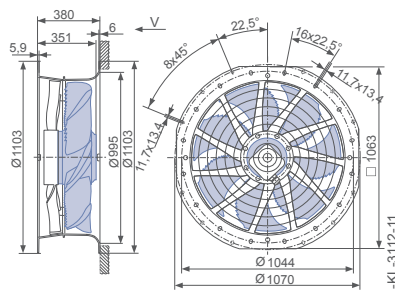
Fan ordering information

Airflow direction		Airflow direction				
Design	L (guard grille suction side) Ontop	Q (guard grille suction side)	L (without guard grille) Ontop	L (guard grille pressure side) Ontop	Q (without guard grille)	Q (guard grille pressure side)
Type	ZN091-SDL.6N.V7P2	ZN091-SDQ.6N.V7P2	ZN091-SDL.6N.V7P2	ZN091-SDL.6N.V7P2	ZN091-SDQ.6N.V7P2	ZN091-SDQ.6N.V7P2
Article no.	178380	178383	178379	178381	178382	178384
Weight kg	44.00	47.90	40.40	42.30	44.30	46.20
ZApus attachable on both sides.						

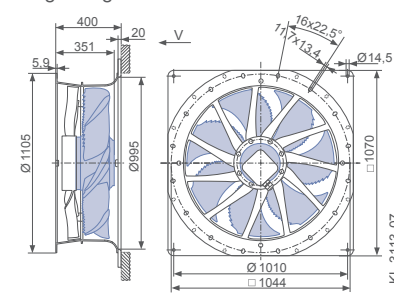
Control technology



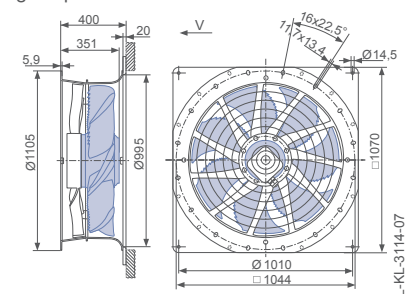
Design L - ZApus Ontop, guard grille pressure side



Design Q - ZApus with adapter plate, without guard grille



Design Q - ZApus with adapter plate, guard grille pressure side



ziehl-abegg.com

Fiche produit Motralec Ziehl Abegg Fe2Owlet With Zaplus ZN063 VD - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

Besoin d'un prix ou d'un conseil technique ?

Ventilateur axial Ziehl-Abegg FE2OWLET



4,7/5 . +600 avis Google

- Devis rapide et conseil technique par nos spécialistes
- Plus de 200 000 références et 30 marques distribuées
- Vente, réparation, bobinage et SAV en atelier
- Livraison partout en France, accompagnement avant et après-vente

Voir la fiche technique sur notre site :

www.motralec.com/.../ventilateur-axial-ziehl-abegg-fe2owlet

DEMANDER UN PRIX >