# FE2owlet

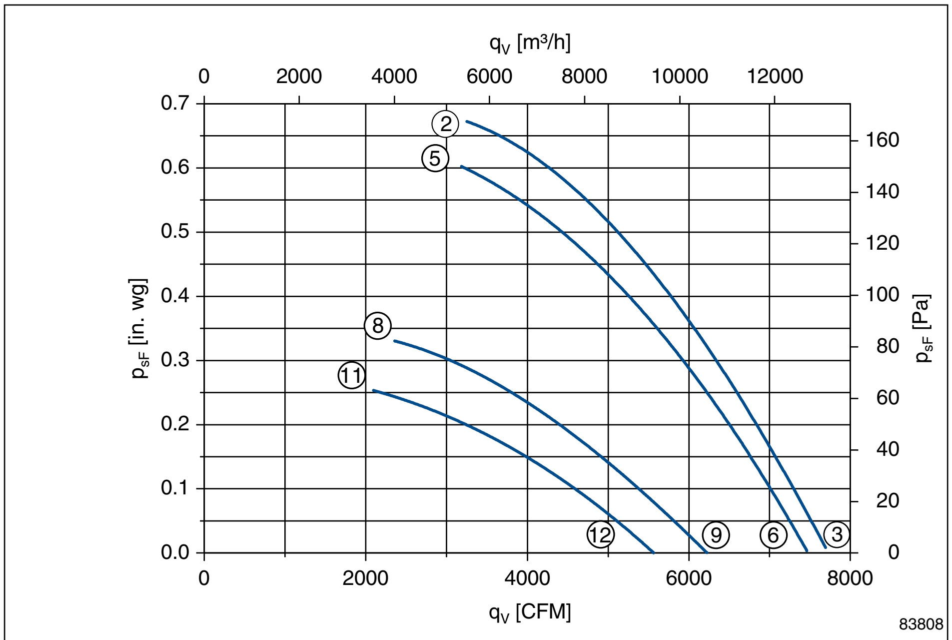
## FN063-SD_.4I._7P1

**Performance data**

**3~ 460V ±10% Δ/Y 60Hz**

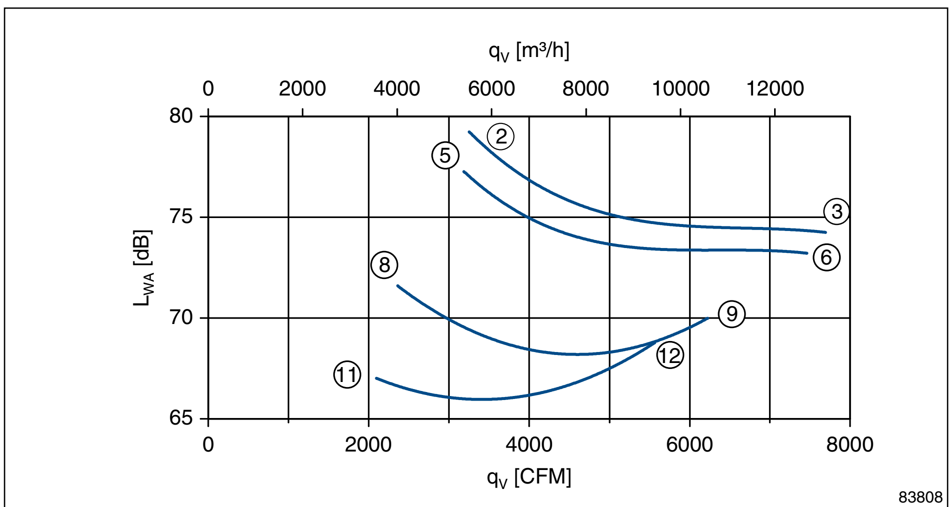
| | | |
|---|---|---|
| $P_1$ | **1.0/0.63** | kW |
| I | **1.55/0.94** | A |
| n | **1030/730** | rpm |
| $I_A$ | 6.1/3.7 | A |
| ΔI | 5 | % |
| $t_R$ | 65/149 | °C/°F |

## Characteristic data




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | W | rpm |
| 2 | **460** | **1.55** | **1020** | **1030** |
| 3 | Δ | 1.20 | 690 | 1100 |
| 5 | 400 | 1.60 | 940 | 980 |
| 6 | Δ | 1.15 | 650 | 1070 |
| 8 | **460** | **0.94** | **630** | **730** |
| 9 | Y | 0.73 | 510 | 890 |
| 11 | 400 | 0.89 | 510 | 640 |
| 12 | Y | 0.75 | 440 | 800 |

$p_{d2} = 4.6 \cdot 10^{-7} \cdot q_V^{\,2}$




measured in full bell mouth without guard grille in installation type A according to ISO 5801

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## Dimension sheet

| Type | Article no. | Design | Airflow direction | Weight kg | lbs | Connection diagram | Dimension sheet | Page |
|---|---|---|---|---|---|---|---|---|
| **FN063-SDA.4I.A7P1** | **153 088** | **A** | A | 11 | 24.3 | 108XB | L-KL-2656 | 60 |
| **FN063-SDQ.4I.A7P1** | **153 089** | **Q** | A | 25 | 55.1 | 108XB | L-KL-2660 | 61 |
| **FN063-SDA.4I.V7P1** | **153 090** | **A** | V | 11 | 24.3 | 108XA | L-KL-2657 | 62 |
| **FN063-SDK.4I.V7P1** | **153 091** | **K** | V | 15 | 33.1 | 108XA | L-KL-2659 | 63 |
| **FN063-SDQ.4I.V7P1** | **153 092** | **Q** | V | 24 | 52.9 | 108XA | L-KL-2661 | 64 |
| **FN063-SDF.4I.V7P1** | **153 093** | **F*** | V | 20 | 44.1 | 108XA | L-KL-2662 | 65 |
| **FN063-SDF.4I.V7P1** | **153 094** | **F**** | V | 21 | 46.3 | 108XA | L-KL-2658 | 66 |

* without guard grille    ** with guard grille

# FE2owlet

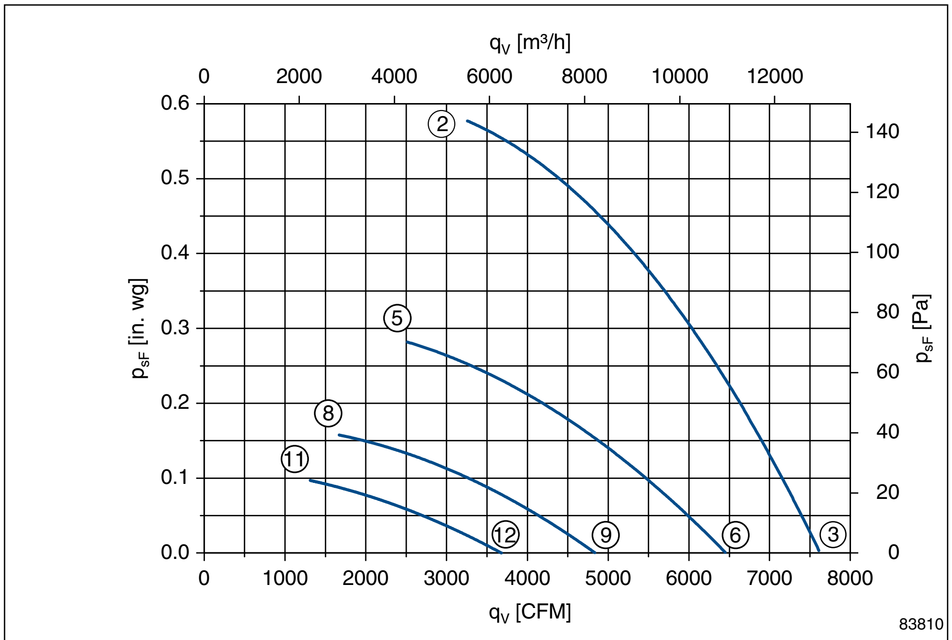
**FN063-6E_.4M._7P1**

## Performance data

**1~ 230V ±10% 60Hz**

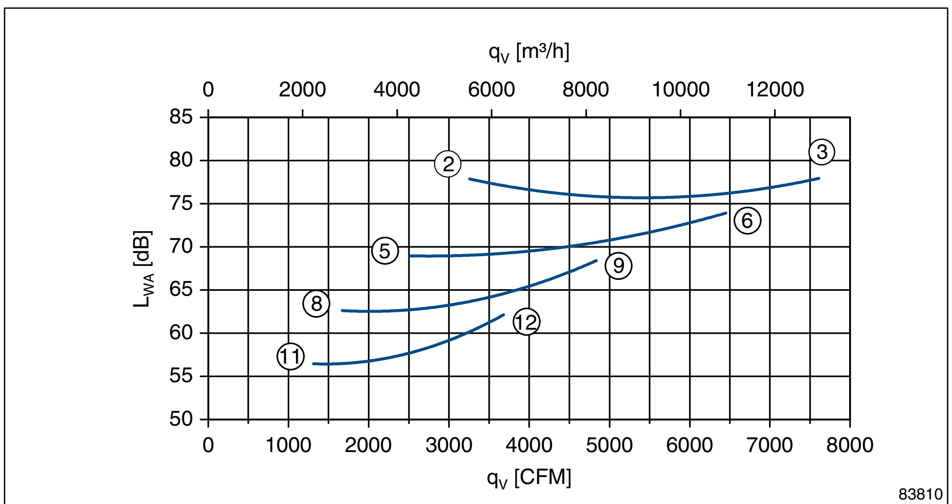
| | | |
|---|---|---|
| $P_1$ | **1.05** | kW |
| I | **4.7** | A |
| n | **990** | rpm |
| $I_A$ | 8.4 | A |
| ΔI | 10 | % |
| $C_{400V}$ | 16 | µF |
| $t_R$ | 45/113 | °C/°F |

## Characteristic data




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | W | rpm |
| ② | **230** | **4.7** | **1050** | **990** |
| ③ | | 3.7 | 860 | 1100 |
| ⑤ | 170 | 4.3 | 680 | 700 |
| ⑥ | | 3.7 | 610 | 930 |
| ⑧ | 135 | 3.6 | 440 | 520 |
| ⑨ | | 3.4 | 430 | 700 |
| ⑪ | 110 | 3.0 | 290 | 400 |
| ⑫ | | 2.9 | 290 | 540 |

$p_{d2} = 4.6 \cdot 10^{-7} \cdot q_V^2$




measured in full bell mouth without guard grille in installation type A according to ISO 5801

## Dimension sheet

| Type | Article no. | Design | Airflow direction | Weight kg | lbs | Connection diagram | Dimension sheet | Page |
|---|---|---|---|---|---|---|---|---|
| **FN063-6EA.4M.A7P1** | **153 095** | **A** | A | 13 | 28.7 | 104XB | L-KL-2656 | 60 |
| **FN063-6EQ.4M.A7P1** | **153 096** | **Q** | A | 27 | 59.5 | 104XB | L-KL-2660 | 61 |
| **FN063-6EA.4M.V7P1** | **153 097** | **A** | V | 13 | 28.7 | 104XA | L-KL-2657 | 62 |
| **FN063-6EK.4M.V7P1** | **153 098** | **K** | V | 19 | 41.9 | 104XA | L-KL-2659 | 63 |
| **FN063-6EQ.4M.V7P1** | **153 005** | **Q** | V | 27 | 59.5 | 104XA | L-KL-2661 | 64 |
| **FN063-6EF.4M.V7P1** | **153 099** | **F**** | V | 23 | 50.7 | 104XA | L-KL-2658 | 66 |

* without guard grille  ** with guard grille

# FE2owlet

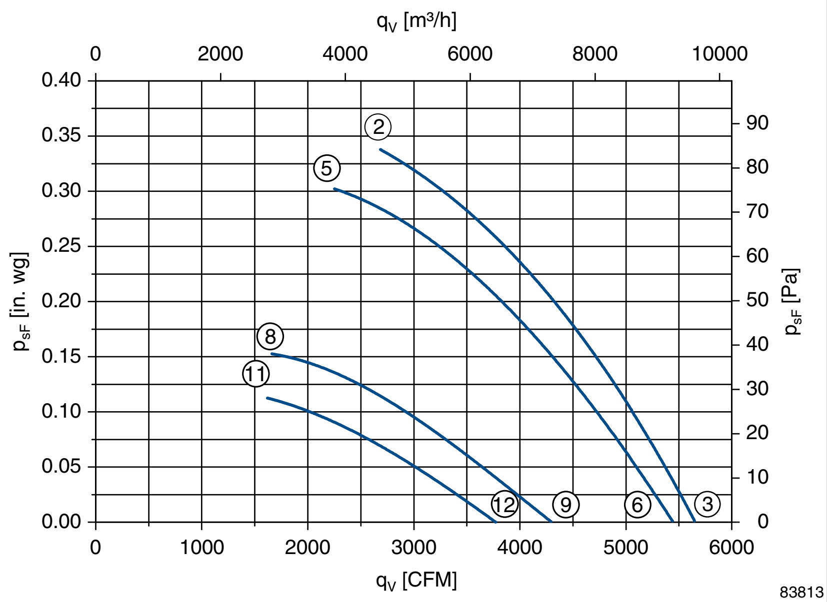
**FN063-AD_.4I._7P1**

**Performance data**

**3~ 460V ±10% Δ/Y 60Hz**

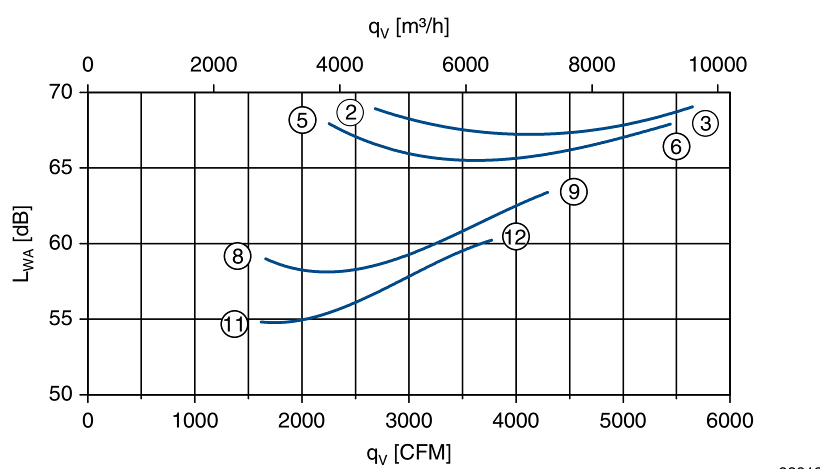
| | | |
|---|---|---|
| $P_1$ | **0.45/0.23** | kW |
| I | **0.88/0.42** | A |
| n | **750/490** | rpm |
| $I_A$ | 1.9/1.1 | A |
| ΔI | 0 | % |
| $t_R$ | 70/158 | °C/°F |

## Characteristic data




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | W | rpm |
| ② | **460** | **0.88** | **450** | **750** |
| ③ | Δ | 0.75 | 335 | 810 |
| ⑤ | 400 | 0.85 | 400 | 690 |
| ⑥ | Δ | 0.69 | 300 | 780 |
| ⑧ | **460** | **0.42** | **230** | **490** |
| ⑨ | Y | 0.37 | 200 | 610 |
| ⑪ | 400 | 0.39 | 130 | 430 |
| ⑫ | Y | 0.35 | 165 | 540 |

$p_{d2} = 4.6 \cdot 10^{-7} \cdot q_V^2$




measured in full bell mouth without guard grille in installation type A according to ISO 5801

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## Dimension sheet

| Type | Article no. | Design | Airflow direction | Weight kg | Weight lbs | Connection diagram | Dimension sheet | Page |
|---|---|---|---|---|---|---|---|---|
| **FN063-ADA.4I.A7P1** | **153 100** | **A** | A | 11 | 24.3 | 108XB | L-KL-2656 | 60 |
| **FN063-ADQ.4I.A7P1** | **153 101** | **Q** | A | 25 | 55.1 | 108XB | L-KL-2660 | 61 |
| **FN063-ADA.4I.V7P1** | **153 102** | **A** | V | 11 | 24.3 | 108XA | L-KL-2657 | 62 |
| **FN063-ADK.4I.V7P1** | **153 103** | **K** | V | 15 | 33.1 | 108XA | L-KL-2659 | 63 |
| **FN063-ADQ.4I.V7P1** | **153 104** | **Q** | V | 24 | 52.9 | 108XA | L-KL-2661 | 64 |
| **FN063-ADF.4I.V7P1** | **153 105** | **F*** | V | 20 | 44.1 | 108XA | L-KL-2662 | 65 |
| **FN063-ADF.4I.V7P1** | **153 106** | **F**** | V | 21 | 46.3 | 108XA | L-KL-2658 | 66 |

* without guard grille    ** with guard grille

# FE2owlet

## FN063-8E_.4I._7P1

**Performance data**

**1~ 230V ±10% 60Hz**

| | | |
|---|---|---|
| $P_1$ | **0.42** | kW |
| I | **1.9** | A |
| n | **650** | rpm |
| $I_A$ | 2.8 | A |
| ΔI | 0 | % |
| $C_{400V}$ | 8 | µF |
| $t_R$ | 55/131 | °C/°F |

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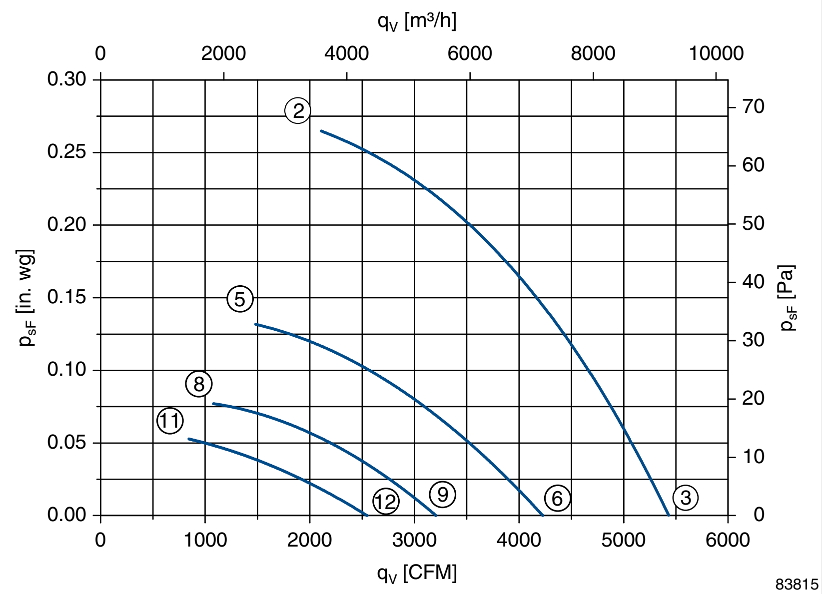
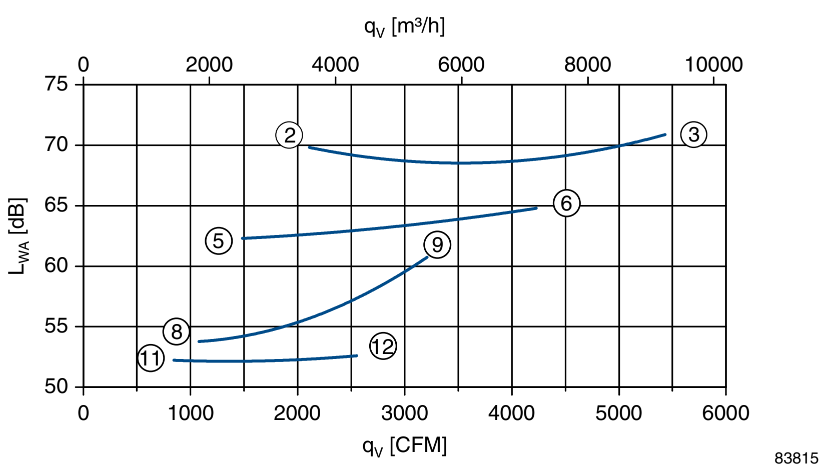
## Characteristic data




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | W | rpm |
| ② | **230** | **1.9** | **420** | **650** |
| ③ | | 1.7 | 390 | 780 |
| ⑤ | 170 | 1.5 | 240 | 460 |
| ⑥ | | 1.5 | 240 | 610 |
| ⑧ | 135 | 1.2 | 150 | 350 |
| ⑨ | | 1.2 | 150 | 460 |
| ⑪ | 110 | 1.0 | 100 | 280 |
| ⑫ | | 1.0 | 100 | 360 |

$p_{d2} = 4.6 \cdot 10^{-7} \cdot q_V^2$




measured in full bell mouth without guard grille in installation type A according to ISO 5801

## Dimension sheet

| Type | Article no. | Design | Airflow direction | Weight kg | lbs | Connection diagram | Dimension sheet | Page |
|---|---|---|---|---|---|---|---|---|
| **FN063-8EA.4I.A7P1** | **153 107** | **A** | A | 11 | 24.3 | 104XB | L-KL-2656 | 60 |
| **FN063-8EQ.4I.A7P1** | **153 108** | **Q** | A | 25 | 55.1 | 104XB | L-KL-2660 | 61 |
| **FN063-8EA.4I.V7P1** | **153 109** | **A** | V | 11 | 24.3 | 104XA | L-KL-2657 | 62 |
| **FN063-8EK.4I.V7P1** | **153 110** | **K** | V | 15 | 33.1 | 104XA | L-KL-2659 | 63 |
| **FN063-8EQ.4I.V7P1** | **153 111** | **Q** | V | 24 | 52.9 | 104XA | L-KL-2661 | 64 |
| **FN063-8EF.4I.V7P1** | **153 112** | **F*** | V | 20 | 44.1 | 104XA | L-KL-2662 | 65 |
| **FN063-8EF.4I.V7P1** | **153 113** | **F**** | V | 21 | 46.3 | 104XA | L-KL-2658 | 66 |

* without guard grille    ** with guard grille

# FE2owlet

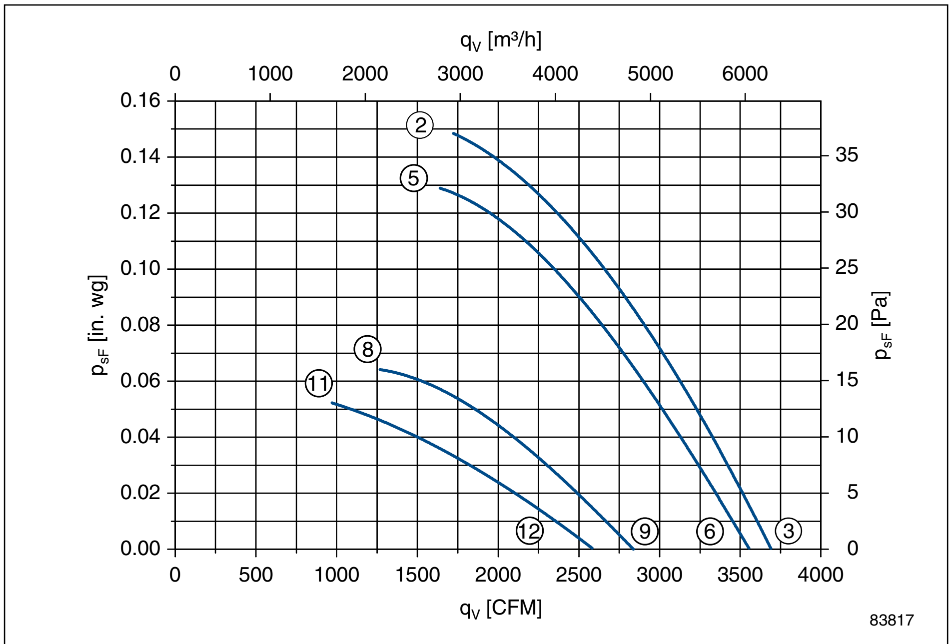
## FN063-ND_.4F._7P1

**Performance data**

**3~ 460V ±10% Δ/Y 60Hz**

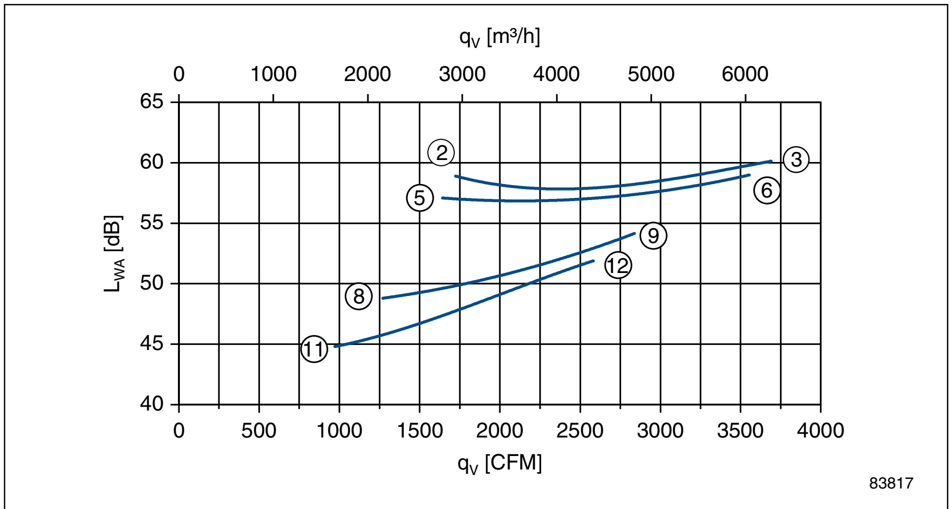
| | | |
|---|---|---|
| $P_1$ | **0.17/0.09** | kW |
| I | **0.34/0.16** | A |
| n | **490/340** | rpm |
| $I_A$ | 2.6/1.2 | A |
| ΔI | 0 | % |
| $t_R$ | 70/158 | °C/°F |

## Characteristic data




| | U | I | $P_1$ | n |
|---|---|---|---|---|
| | V | A | W | rpm |
| ② | **460** | **0.34** | **170** | **490** |
| ③ | Δ | 0.31 | 135 | 530 |
| ⑤ | 400 | 0.32 | 150 | 460 |
| ⑥ | Δ | 0.28 | 115 | 510 |
| ⑧ | **460** | **0.16** | **87** | **340** |
| ⑨ | Y | 0.14 | 76 | 410 |
| ⑪ | 400 | 0.14 | 70 | 290 |
| ⑫ | Y | 0.13 | 63 | 370 |

$p_{d2} = 4.6 \cdot 10^{-7} \cdot q_V^2$




measured in full bell mouth without guard grille in installation type A according to ISO 5801

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## Dimension sheet

| Type | Article no. | Design | Airflow direction | Weight kg | Weight lbs | Connection diagram | Dimension sheet | Page |
|---|---|---|---|---|---|---|---|---|
| **FN063-NDA.4F.A7P1** | **153 114** | **A** | A | 9.3 | 20.5 | 108XB | L-KL-2656 | 60 |
| **FN063-NDQ.4F.A7P1** | **153 115** | **Q** | A | 23 | 50.7 | 108XB | L-KL-2660 | 61 |
| **FN063-NDA.4F.V7P1** | **153 116** | **A** | V | 9.3 | 20.5 | 108XA | L-KL-2657 | 62 |
| **FN063-NDK.4F.V7P1** | **153 117** | **K** | V | 14 | 30.9 | 108XA | L-KL-2659 | 63 |
| **FN063-NDQ.4F.V7P1** | **153 118** | **Q** | V | 22 | 48.5 | 108XA | L-KL-2661 | 64 |
| **FN063-NDF.4F.V7P1** | **153 119** | **F*** | V | 18 | 39.7 | 108XA | L-KL-2662 | 65 |
| **FN063-NDF.4F.V7P1** | **153 120** | **F**** | V | 19 | 41.9 | 108XA | L-KL-2658 | 66 |

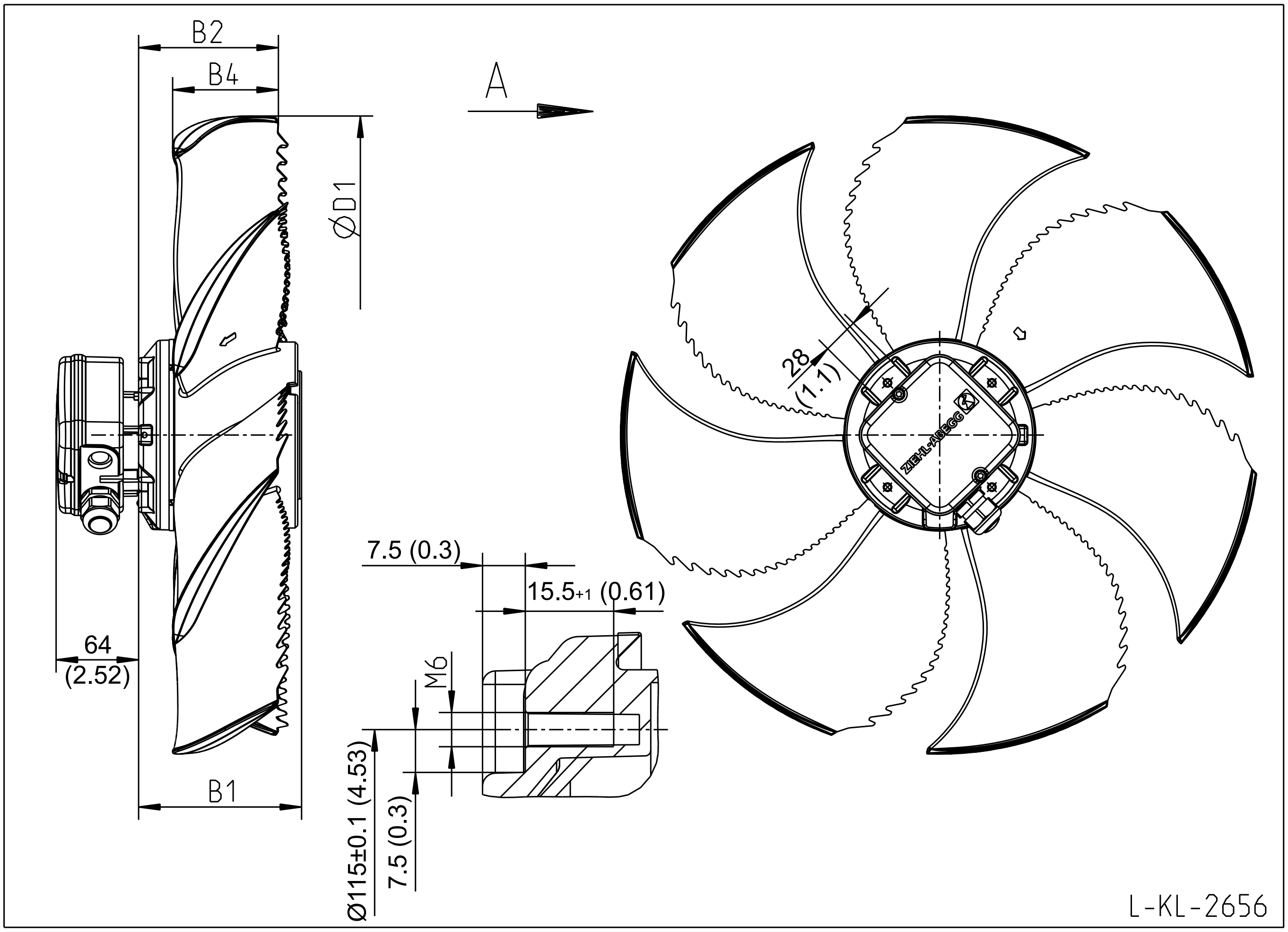
* without guard grille ** with guard grille

# FE2owlet

**FN063-_ _A.4_.A7P1**

| Airflow direction | A |
|---|---|
| Design | A |
| Material of impeller | Aluminium |






L-KL-2656

| Type | Article no. | B1 | | B2 | | B4 | | D1 | |
|---|---|---|---|---|---|---|---|---|---|
| | | mm | inch | mm | inch | mm | inch | mm | inch |
| **FN063-6EA.4M.A7P1** | **153 095** | 181 | 7.13 | 122 | 4.80 | 87 | 3.43 | 627 | 24.68 |
| **FN063-SDA.4I.A7P1** | **153 088** | 161 | 6.34 | 122 | 4.80 | 87 | 3.43 | 627 | 24.68 |
| **FN063-8EA.4I.A7P1** | **153 107** | 161 | 6.34 | 122 | 4.80 | 87 | 3.43 | 627 | 24.68 |
| **FN063-ADA.4I.A7P1** | **153 100** | 161 | 6.34 | 122 | 4.80 | 87 | 3.43 | 627 | 24.68 |
| **FN063-NDA.4F.A7P1** | **153 114** | 141 | 5.55 | 122 | 4.80 | 87 | 3.43 | 627 | 24.68 |

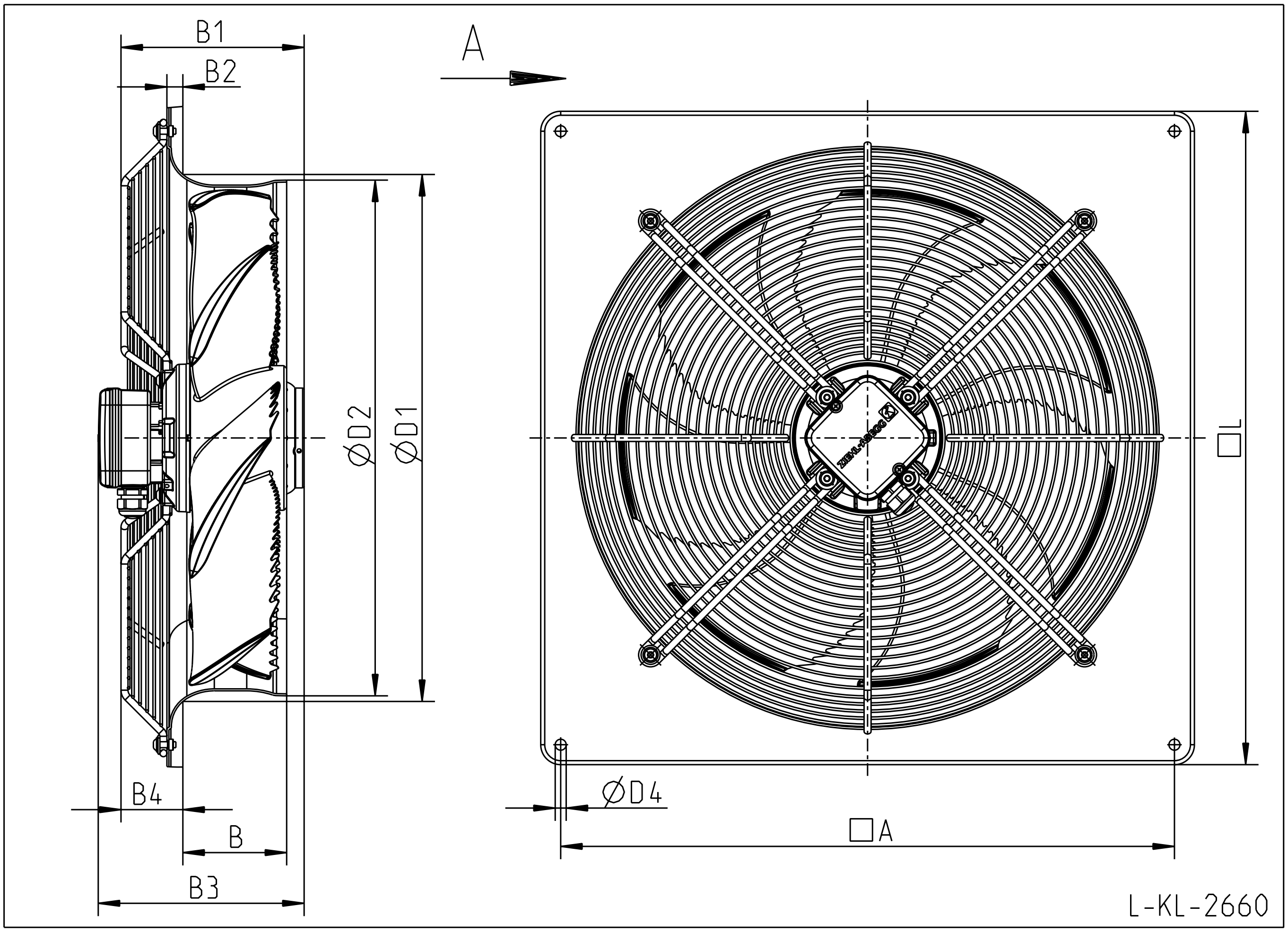


ZIEHL-ABEGG

# FE2owlet

**FN063-_ _Q.4_.A7P1**

| Airflow direction | A |
|---|---|
| Design | Q |
| Material of impeller | Aluminium |






L-KL-2660

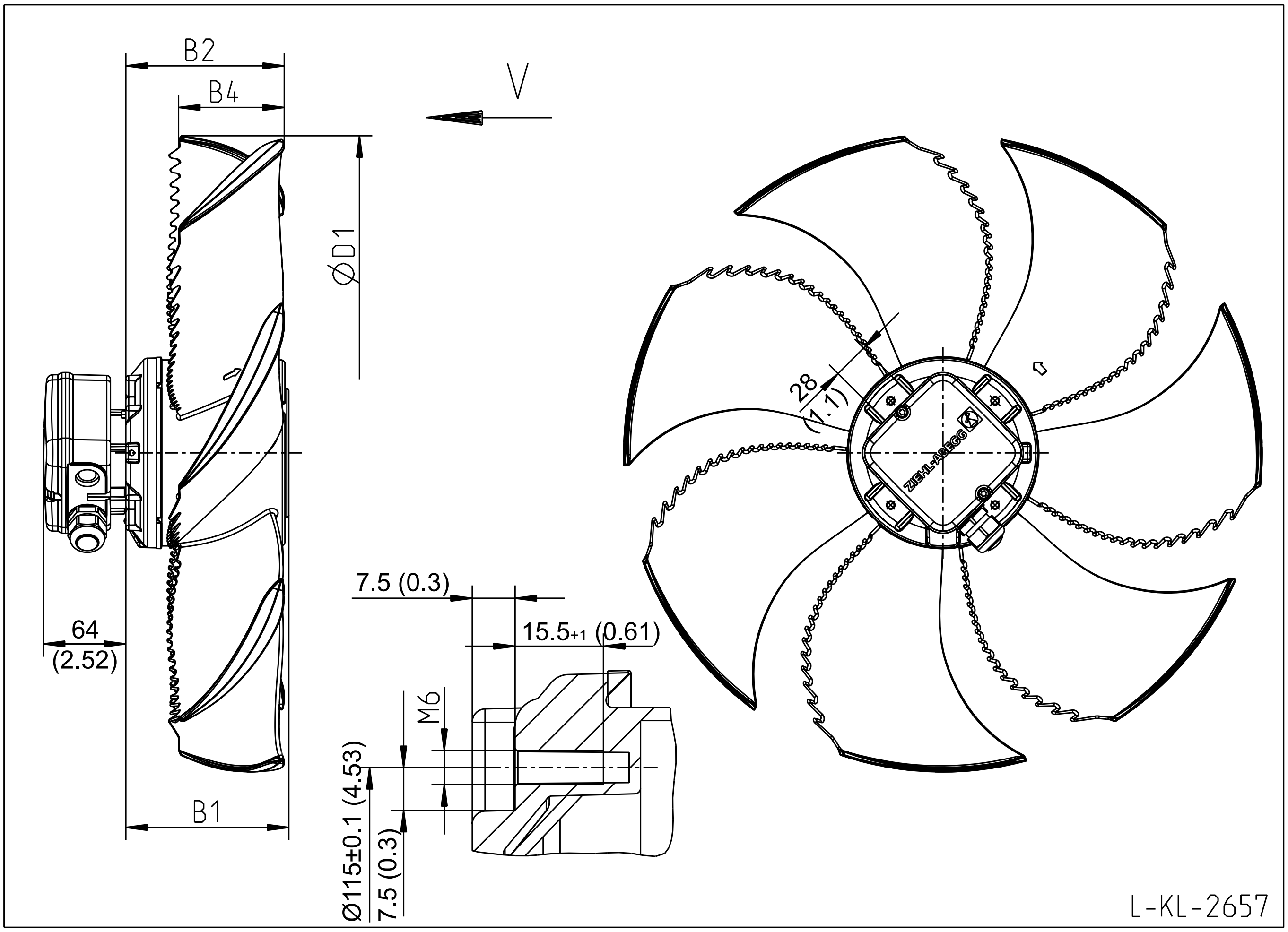
| Type | Article no. | A mm | A inch | B mm | B inch | B1 mm | B1 inch | B2 mm | B2 inch | B3 mm | B3 inch | B4 mm | B4 inch | D1 mm | D1 inch | D2 mm | D2 inch | D4 mm | D4 inch | L mm | L inch |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **FN063-6EQ.4M.A7P1** | **153 096** | 750 | 29.53 | 130 | 5.12 | 207 | 8.15 | 20 | 0.79 | 225 | 8.86 | 52 | 2.05 | 664 | 26.14 | 643 | 25.31 | 11 | 0.43 | 805 | 31.69 |
| **FN063-SDQ.4I.A7P1** | **153 089** | 750 | 29.53 | 130 | 5.12 | 207 | 8.15 | 20 | 0.79 | 225 | 8.86 | 52 | 2.05 | 664 | 26.14 | 643 | 25.31 | 11 | 0.43 | 805 | 31.69 |
| **FN063-8DQ.4I.A7P1** | **153 108** | 750 | 29.53 | 130 | 5.12 | 207 | 8.15 | 20 | 0.79 | 225 | 8.86 | 52 | 2.05 | 664 | 26.14 | 643 | 25.31 | 11 | 0.43 | 805 | 31.69 |
| **FN063-ADQ.4I.A7P1** | **153 101** | 750 | 29.53 | 130 | 5.12 | 207 | 8.15 | 20 | 0.79 | 225 | 8.86 | 52 | 2.05 | 664 | 26.14 | 643 | 25.31 | 11 | 0.43 | 805 | 31.69 |
| **FN063-NDQ.4F.A7P1** | **153 115** | 750 | 29.53 | 130 | 5.12 | 187 | 7.36 | 20 | 0.79 | 205 | 8.07 | 52 | 2.05 | 664 | 26.14 | 643 | 25.31 | 11 | 0.43 | 805 | 31.69 |

# FE2owlet

**FN063-_ _A.4_.V7P1**

| Airflow direction | V |
|---|---|
| Design | A |
| Material of impeller | Aluminium |






L-KL-2657

| Type | Article no. | B1 mm | B1 inch | B2 mm | B2 inch | B4 mm | B4 inch | D1 mm | D1 inch |
|---|---|---|---|---|---|---|---|---|---|
| **FN063-6EA.4M.V7P1** | **153 097** | 181 | 7.13 | 134 | 5.28 | 87 | 3.43 | 627 | 24.68 |
| **FN063-SDA.4I.V7P1** | **153 090** | 161 | 6.34 | 134 | 5.28 | 87 | 3.43 | 627 | 24.68 |
| **FN063-8EA.4I.V7P1** | **153 109** | 161 | 6.34 | 134 | 5.28 | 87 | 3.43 | 627 | 24.68 |
| **FN063-ADA.4I.V7P1** | **153 102** | 161 | 6.34 | 134 | 5.28 | 87 | 3.43 | 627 | 24.68 |
| **FN063-NDA.4F.V7P1** | **153 116** | 141 | 5.55 | 134 | 5.28 | 87 | 3.43 | 627 | 24.68 |

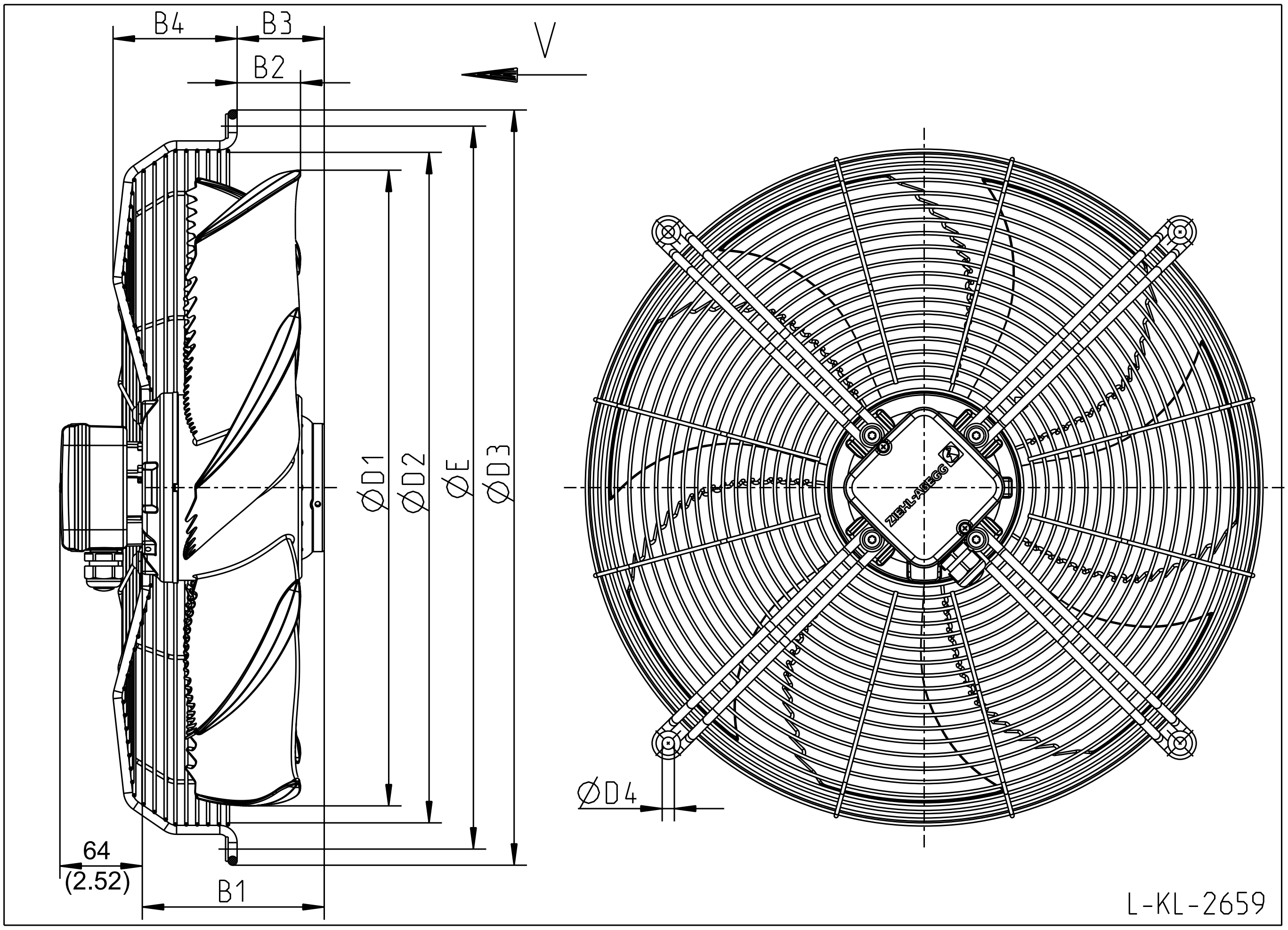


ZIEHL-ABEGG

# FE2owlet

**FN063-_ _K.4_.V7P1**

| Airflow direction | V |
|---|---|
| Design | K |
| Material of impeller | Aluminium |




L-KL-2659

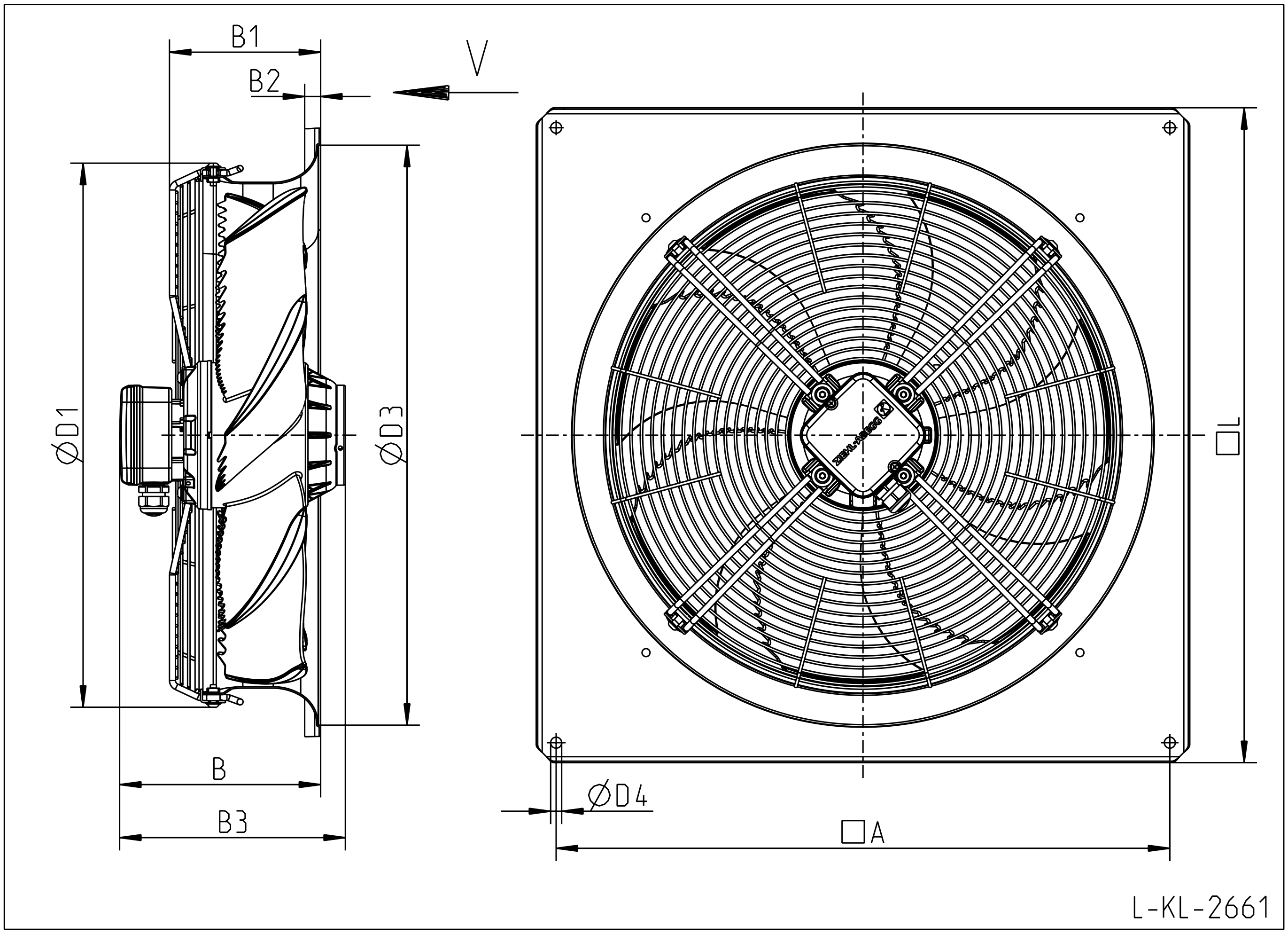
| Type | Article no. | B1 | | B2 | | B3 | | B4 | | D1 | | D2 | | D3 | | D4 | | E | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch |
| **FN063-6EK.4M.V7P1** | **153 098** | 182 | 7.17 | 29 | 1.14 | 76 | 2.99 | 144 | 5.67 | 627 | 24.68 | 715 | 28.15 | 780 | 30.71 | 9.5 | 0.37 | 750 | 29.53 |
| **FN063-SDK.4I.V7P1** | **153 091** | 162 | 6.38 | 31 | 1.22 | 58 | 2.28 | 131 | 5.16 | 627 | 24.68 | 693 | 27.28 | 778 | 30.63 | 9.5 | 0.37 | 750 | 29.53 |
| **FN063-8EK.4I.V7P1** | **153 110** | 162 | 6.38 | 31 | 1.22 | 58 | 2.28 | 131 | 5.16 | 627 | 24.68 | 693 | 27.28 | 778 | 30.63 | 9.5 | 0.37 | 750 | 29.53 |
| **FN063-ADK.4I.V7P1** | **153 103** | 162 | 6.38 | 31 | 1.22 | 58 | 2.28 | 131 | 5.16 | 627 | 24.68 | 693 | 27.28 | 778 | 30.63 | 9.5 | 0.37 | 750 | 29.53 |
| **FN063-NDK.4F.V7P1** | **153 117** | 142 | 5.59 | 31 | 1.22 | 38 | 1.50 | 131 | 5.16 | 627 | 24.68 | 693 | 27.28 | 778 | 30.63 | 9.5 | 0.37 | 750 | 29.53 |

# FE2owlet

## FN063-_ _Q.4_.V7P1

| | |
|---|---|
| Airflow direction | V |
| Design | Q |
| Material of impeller | Aluminium |






L-KL-2661

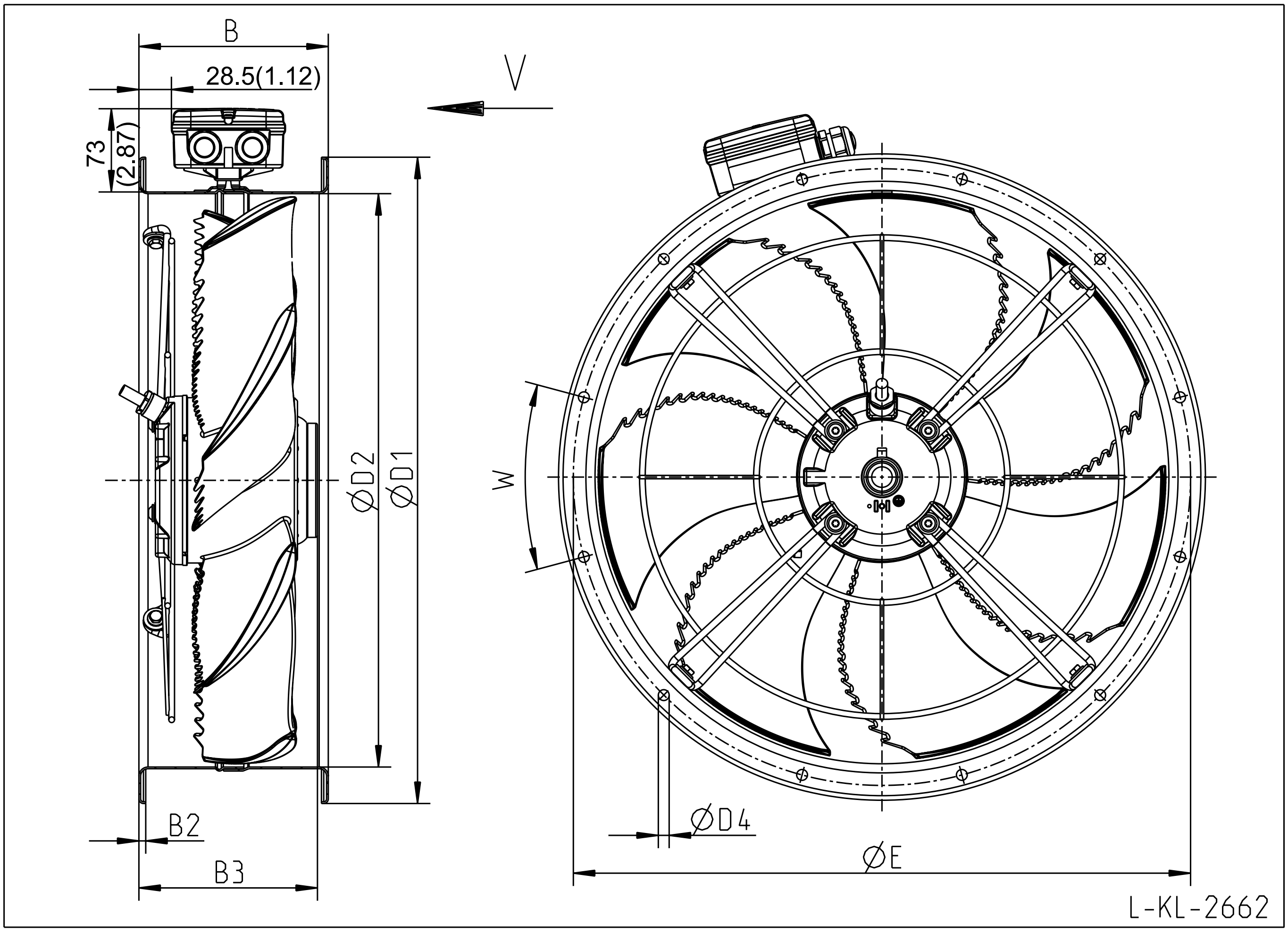
| Type | Article no. | A | | B | | B1 | | B2 | | B3 | | D1 | | D3 | | D4 | | L | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch |
| **FN063-6EQ.4M.V7P1** | **153 005** | 750 | 29.53 | 241 | 9.49 | 230 | 9.06 | 20 | 0.79 | 245 | 9.65 | 682 | 26.85 | 696 | 27.40 | 11 | 0.43 | 805 | 31.69 |
| **FN063-SDQ.4I.V7P1** | **153 092** | 750 | 29.53 | 241 | 9.49 | 211 | 8.31 | 20 | 0.79 | 225 | 8.86 | 682 | 26.85 | 696 | 27.40 | 11 | 0.43 | 805 | 31.69 |
| **FN063-8EQ.4I.V7P1** | **153 111** | 750 | 29.53 | 241 | 9.49 | 211 | 8.31 | 20 | 0.79 | 225 | 8.86 | 682 | 26.85 | 696 | 27.40 | 11 | 0.43 | 805 | 31.69 |
| **FN063-ADQ.4I.V7P1** | **153 104** | 750 | 29.53 | 241 | 9.49 | 211 | 8.31 | 20 | 0.79 | 225 | 8.86 | 682 | 26.85 | 696 | 27.40 | 11 | 0.43 | 805 | 31.69 |
| **FN063-NDQ.4F.V7P1** | **153 118** | 750 | 29.53 | 241 | 9.49 | 211 | 8.31 | 20 | 0.79 | 205 | 8.07 | 682 | 26.85 | 696 | 27.40 | 11 | 0.43 | 805 | 31.69 |

# FE2owlet

**FN063-_ _F.4_.V7P1**

| | |
|---|---|
| Airflow direction | V |
| Design | F*) |
| Material of impeller | Aluminium |

*) without guard grille




L-KL-2662

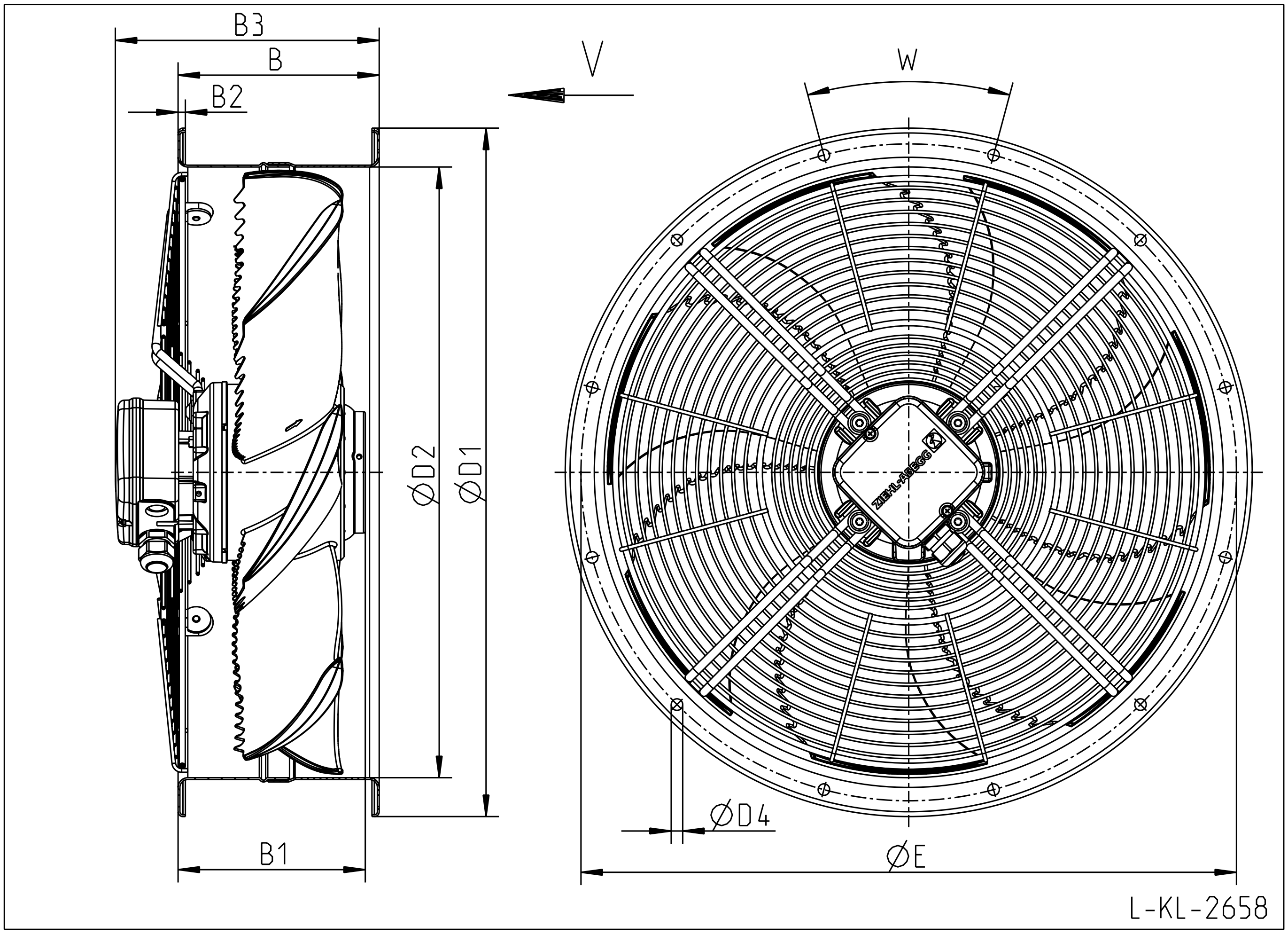
| Type | Article no. | B | | B2 | | B3 | | D1 | | D2 | | D4 | | E | | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | |
| **FN063-SDF.4I.V7P1** | **153 093** | 220 | 8.66 | 7 | 0.28 | 186 | 7.32 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-8EF.4I.V7P1** | **153 112** | 220 | 8.66 | 7 | 0.28 | 186 | 7.32 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-ADF.4I.V7P1** | **153 105** | 220 | 8.66 | 7 | 0.28 | 186 | 7.32 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-NDF.4F.V7P1** | **153 119** | 220 | 8.66 | 7 | 0.28 | 166 | 6.54 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |

# FE2owlet

**FN063-_ _F.4_.V7P1**

| | |
|---|---|
| Airflow direction | V |
| Design | F*) |
| Material of impeller | Aluminium |

*) with guard grille




FN 063

L-KL-2658

| Type | Article no. | B | | B1 | | B2 | | B3 | | D1 | | D2 | | D4 | | E | | W |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | mm | inch | |
| **FN063-6EF.4M.V7P1** | **153 099** | 220 | 8.66 | 194 | 7.64 | 7 | 0.28 | 225 | 8.86 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-SDF.4I.V7P1** | **153 094** | 220 | 8.66 | 174 | 6.85 | 7 | 0.28 | 225 | 8.86 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-8EF.4I.V7P1** | **153 113** | 220 | 8.66 | 174 | 6.85 | 7 | 0.28 | 225 | 8.86 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-ADF.4I.V7P1** | **153 106** | 220 | 8.66 | 174 | 6.85 | 7 | 0.28 | 225 | 8.86 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |
| **FN063-NDF.4F.V7P1** | **153 120** | 220 | 8.66 | 154 | 6.06 | 7 | 0.28 | 225 | 8.86 | 707 | 27.83 | 634 | 24.96 | 11.5 | 0.45 | 674 | 26.54 | 16x22.5° |