

# Motorlüfterrad einflutrig Motorized impeller single inlet

**RH63M**



**Benennung**  
**Product designation**

**Typ**  
**type**

**Artikel-Nr.**  
**article no.**

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /  
with cable side

RH63M-4DK.7Q.1R

121 127

mit Klemmenkasten /  
with terminal box

RH63M-4DK.7Q.1R

121 871

## RH63M-4DK.7Q.1R

400V  $\pm$  10% 50Hz

Motor/Rad 165-120-4F/224 IP54

$P_1$  4,0 kW

$I$  6,6 A

$n$  1360  $\text{min}^{-1}$

$I_A$  29 A

$t_R$  40  $^{\circ}\text{C}$

Anschlußschaltbild 106XA

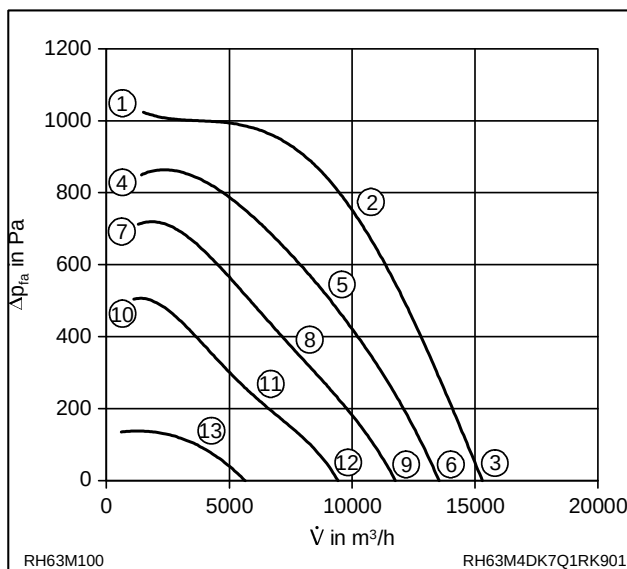
Connection diagram



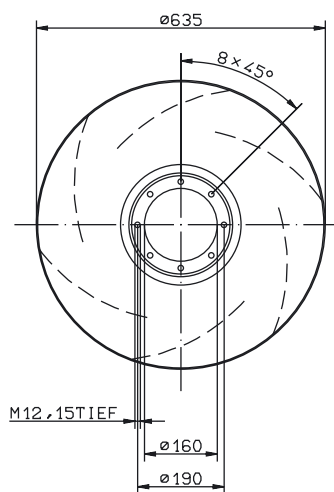
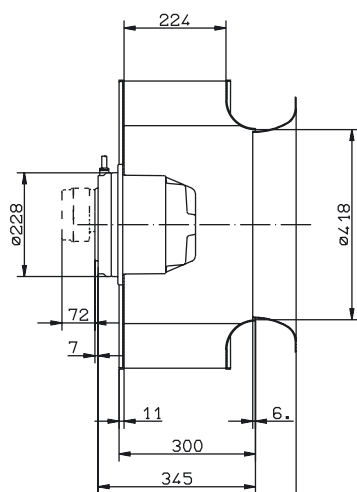
50 kg

$\dot{V}_{\max}$  15600  $\text{m}^3/\text{h}$

$P_{d2}$   $2,3 \cdot 10^{-7}$   $\cdot \dot{V}^2$



|   | U   | I   | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|-----|-----|----------------|-------------------|-----------------|
|   | V   | A   | W              | min <sup>-1</sup> | dB              |
| ① | 400 | 4,5 | 2440           | 1420              |                 |
| ② | 400 | 6,6 | 3980           | 1360              | 88              |
| ③ | 400 | 6,0 | 3530           | 1390              | 93              |
| ④ | 230 | 6,6 | 2140           | 1300              |                 |
| ⑤ | 230 | 8,3 | 3060           | 1170              | 83              |
| ⑥ | 230 | 7,3 | 2680           | 1220              | 90              |
| ⑦ | 180 | 7,5 | 1850           | 1190              |                 |
| ⑧ | 180 | 8,3 | 2290           | 990               | 79              |
| ⑨ | 180 | 7,6 | 2050           | 1060              | 85              |
| ⑩ | 140 | 7,3 | 1420           | 1000              |                 |
| ⑪ | 140 | 7,5 | 1620           | 790               | 72              |
| ⑫ | 140 | 7,1 | 1500           | 850               | 80              |
| ⑬ | 90  | 5,5 | 680            | 500               |                 |



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# Motorlüfterrad einflutig Motorized impeller single inlet

**RH63M**



**Benennung**  
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**Typ**  
**type**

**Artikel-Nr.**  
**article no.**

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /  
with cable side

RH63M-VDK.7Q.1R

121 390

mit Klemmenkasten /  
with terminal box

RH63M-VDK.7Q.1R

121 878

## RH63M-VDK.7Q.1R

400V  $\pm$  10%  $\Delta$ /Y 50Hz

Motor/Rad 165-120-4-4F/224 IP54

P<sub>1</sub> 3,8/2,7 kW

I 6,2/4,4 A

n 1350/1090 min<sup>-1</sup>

I<sub>A</sub> 27/9,1 A

t<sub>R</sub> 40 °C

Anschlußschaltbild 108XA

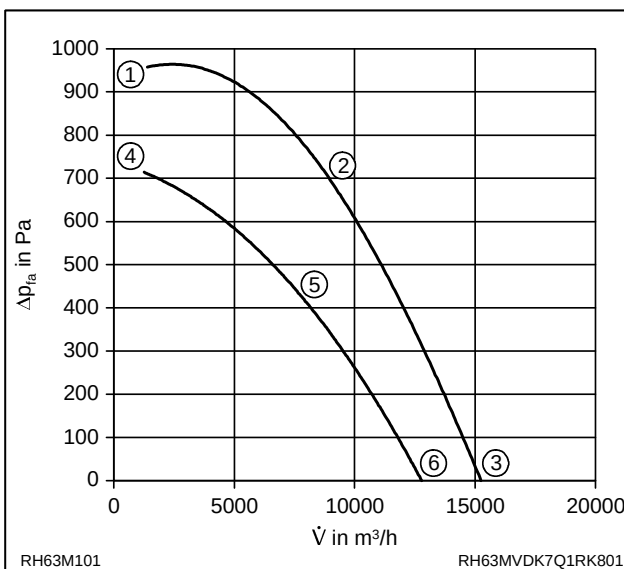
Connection diagram



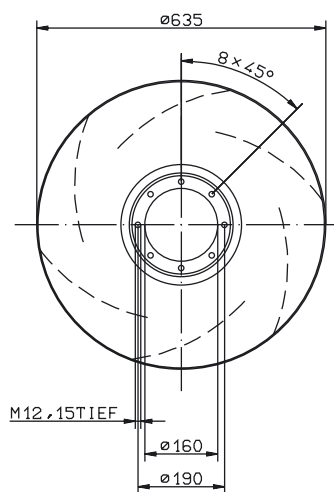
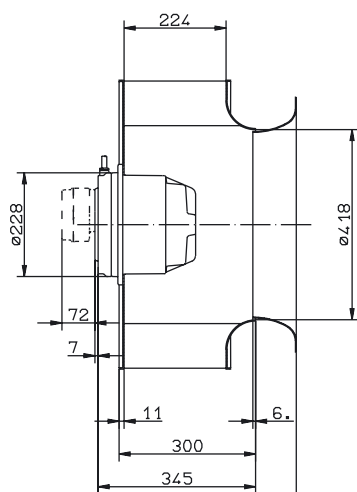
50 kg

$\dot{V}_{max}$  15200 m<sup>3</sup>/h

p<sub>d2</sub> 2,3 · 10<sup>-7</sup> ·  $\dot{V}^2$



|   | U        | I   | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|----------|-----|----------------|-------------------|-----------------|
|   | V        | A   | W              | min <sup>-1</sup> | dB              |
| ① |          | 4,5 | 2620           | 1400              |                 |
| ② | 400      | 6,2 | 3770           | 1350              | 87              |
| ③ | $\Delta$ | 5,5 | 3320           | 1380              | 92              |
| ④ |          | 3,3 | 2060           | 1220              |                 |
| ⑤ | 400      | 4,4 | 2690           | 1090              | 86              |
| ⑥ | Y        | 4,1 | 2510           | 1150              | 87              |



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# Motorlüfterrad einflutig Motorized impeller single inlet

**RH63M**



**Benennung**  
**Product designation**

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /  
with cable side

mit Klemmenkasten /  
with terminal box

**Typ**  
**type**

RH63M-6DK.6K.1R

RH63M-6DK.6K.1R

**Artikel-Nr.**  
**article no.**

109 363

201 995

## RH63M-6DK.6K.1R

400V  $\pm$  10% 50Hz

Motor/Rad 137-76-6F/224 IP54

$P_1$  1,05 kW

$I$  2,2 A

$n$  870  $\text{min}^{-1}$

$I_A$  8 A

$t_R$  70  $^{\circ}\text{C}$

Anschlußschaltbild 106XA

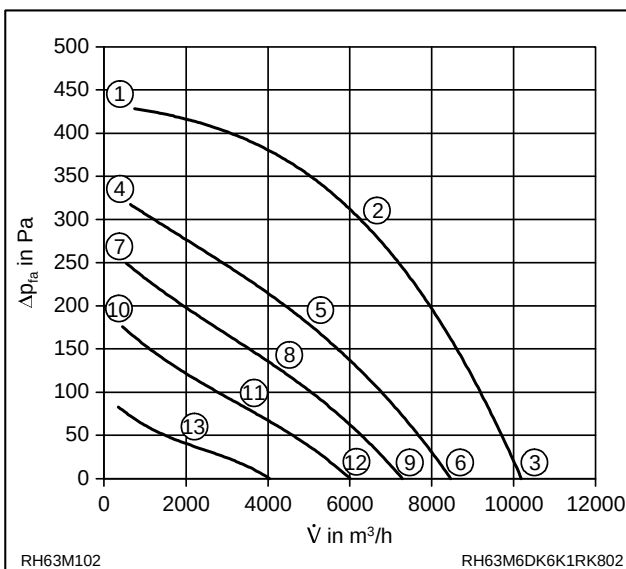
Connection diagram



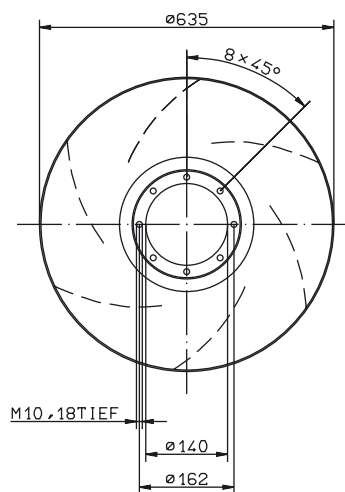
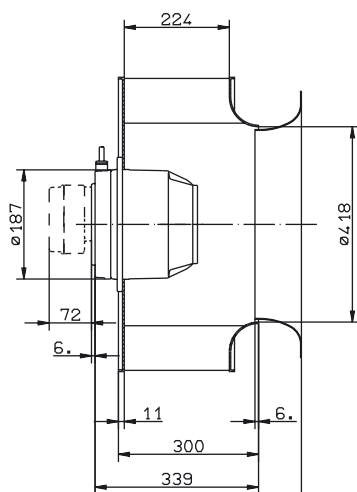
34 kg

$\dot{V}_{\max}$  10600  $\text{m}^3/\text{h}$

$p_{d2}$   $2,5 \cdot 10^{-7}$   $\cdot \dot{V}^2$



|   | U   | I    | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|-----|------|----------------|-------------------|-----------------|
|   | V   | A    | W              | min <sup>-1</sup> | dB              |
| ① | 400 | 1,8  | 680            | 930               |                 |
| ② | 400 | 2,2  | 1060           | 870               | 77              |
| ③ | 400 | 1,9  | 810            | 910               | 82              |
| ④ | 230 | 1,6  | 500            | 800               |                 |
| ⑤ | 230 | 2,1  | 680            | 690               | 72              |
| ⑥ | 230 | 1,8  | 570            | 760               | 79              |
| ⑦ | 180 | 1,6  | 400            | 700               |                 |
| ⑧ | 180 | 2,0  | 500            | 580               | 68              |
| ⑨ | 180 | 1,8  | 450            | 650               | 76              |
| ⑩ | 140 | 1,5  | 300            | 590               |                 |
| ⑪ | 140 | 1,75 | 340            | 470               | 63              |
| ⑫ | 140 | 1,65 | 320            | 540               | 74              |
| ⑬ | 90  | 1,3  | 160            | 320               |                 |



1785/7

# Motorlüfterrad einflutig Motorized impeller single inlet

**RH63M**



**Benennung**  
**Product designation**

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /  
with cable side

mit Klemmenkasten /  
with terminal box

**Typ**  
**type**

RH63M-SDK.6K.1R

RH63M-SDK.6K.1R

**Artikel-Nr.**  
**article no.**

121 391

107 697

## RH63M-SDK.6K.1R

400V  $\pm 10\%$   $\Delta/Y$  50Hz

Motor/Rad 137-76-6-6F/224 IP54

$P_1$  1,0/0,62 kW

$I$  2,0/1,1 A

$n$  850/650  $\text{min}^{-1}$

$I_A$  5,4/1,8 A

$t_R$  50  $^{\circ}\text{C}$

Anschlußschaltbild 108XA

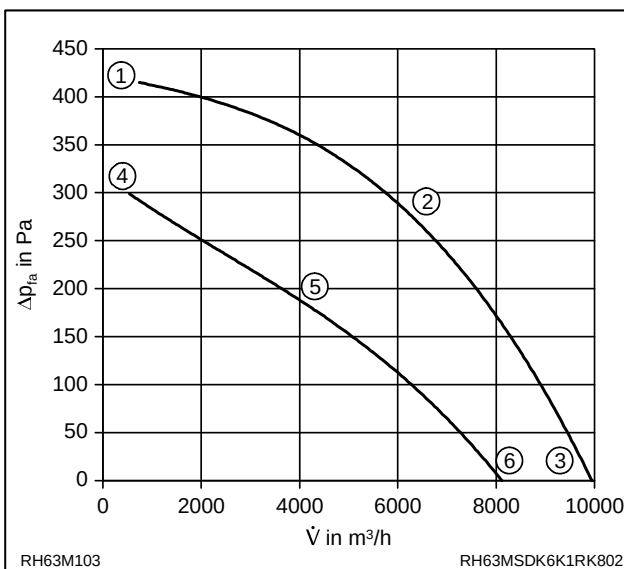
Connection diagram



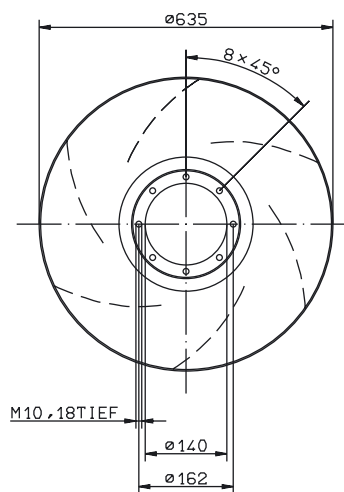
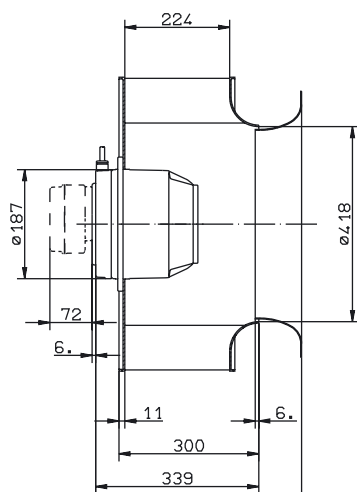
31 kg

$\dot{V}_{\max}$  10000  $\text{m}^3/\text{h}$

$p_{d2}$   $2,5 \cdot 10^{-7}$   $\cdot \dot{V}^2$



|   | U   | I    | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|-----|------|----------------|-------------------|-----------------|
|   | V   | A    | W              | min <sup>-1</sup> | dB              |
| ① |     | 1,55 | 650            | 910               |                 |
| ② | 400 | 2,0  | 1000           | 850               | 77              |
| ③ | Δ   | 1,7  | 770            | 890               | 82              |
| ④ |     | 0,85 | 470            | 770               |                 |
| ⑤ | 400 | 1,1  | 620            | 650               | 71              |
| ⑥ | Y   | 0,96 | 530            | 720               | 78              |



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# Motorlüfterrad einflutig Motorized impeller single inlet

**RH63M**



**Benennung**  
**Product designation**

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /  
with cable side

mit Klemmenkasten /  
with terminal box

**Typ**  
**type**

RH63M-6EK.6N.1R

RH63M-6EK.6N.1R

**Artikel-Nr.**  
**article no.**

121 858

121 873

## RH63M-6EK.6N.1R

230V  $\pm$  10% 50Hz

Motor/Rad 137-100-6/224 IP54

P<sub>1</sub> 1,2 kW

I 5,2 A

n 880 min<sup>-1</sup>

I<sub>A</sub> 12,5 A

C<sub>400V</sub> 25  $\mu$ F

t<sub>R</sub> 40 °C

Anschlußschaltbild 104XA

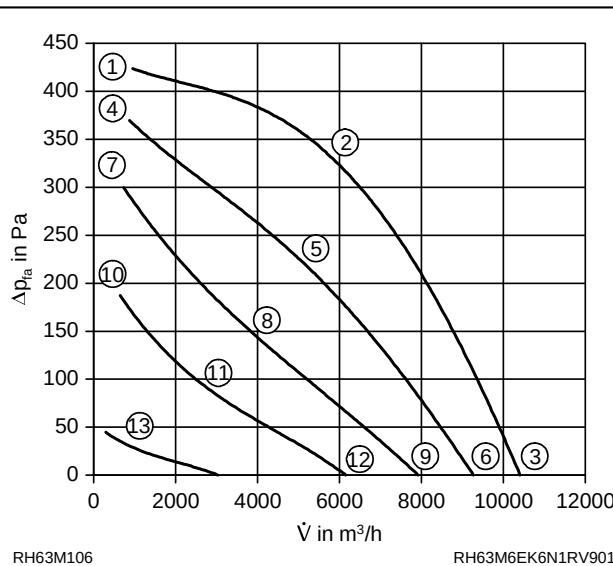
Connection diagram



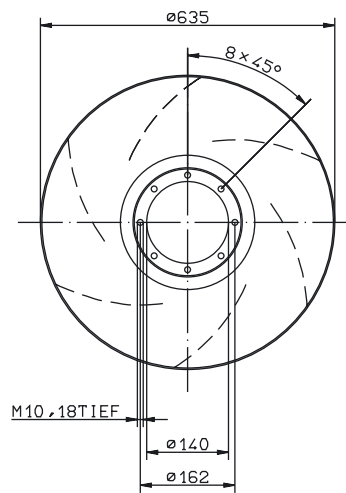
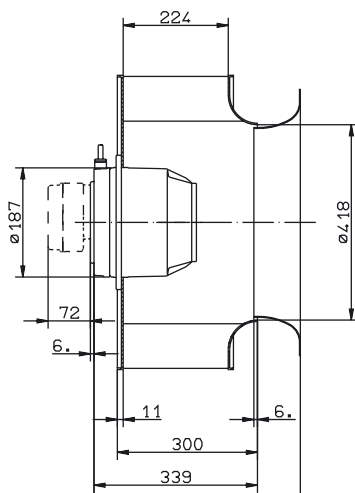
36 kg

$\dot{V}_{max}$  10400 m<sup>3</sup>/h

p<sub>d2</sub> 2,3 · 10<sup>-7</sup> ·  $\dot{V}^2$



|   | U   | I   | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|-----|-----|----------------|-------------------|-----------------|
|   | V   | A   | W              | min <sup>-1</sup> | dB              |
| ① | 230 | 3,7 | 840            | 940               |                 |
| ② | 230 | 5,2 | 1180           | 880               | 75              |
| ③ | 230 | 4,2 | 960            | 910               | 80              |
| ④ | 160 | 4,2 | 650            | 860               |                 |
| ⑤ | 160 | 6,1 | 910            | 730               | 71              |
| ⑥ | 160 | 5,0 | 760            | 820               | 77              |
| ⑦ | 130 | 4,4 | 550            | 790               |                 |
| ⑧ | 130 | 5,8 | 670            | 590               | 65              |
| ⑨ | 130 | 5,2 | 620            | 700               | 74              |
| ⑩ | 105 | 4,4 | 410            | 620               |                 |
| ⑪ | 105 | 5,0 | 470            | 450               | 59              |
| ⑫ | 105 | 4,8 | 450            | 550               | 68              |
| ⑬ | 60  | 3,1 | 160            | 230               |                 |



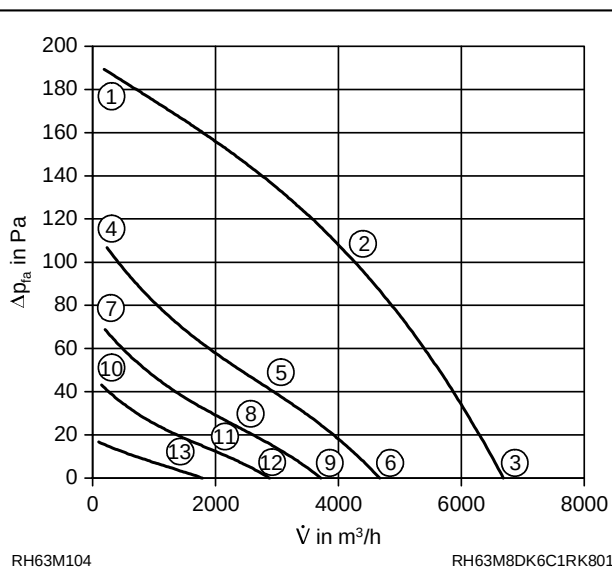
# RH63M



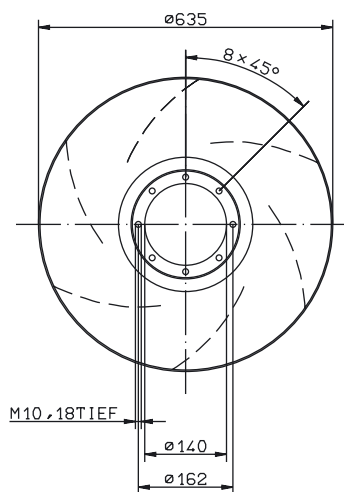
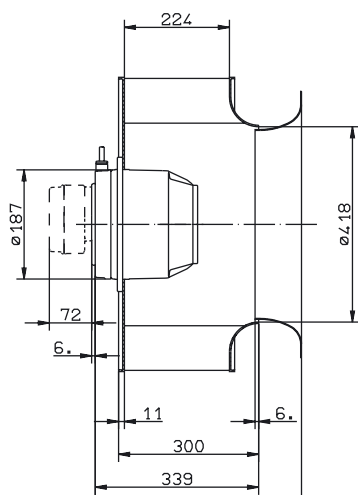
**Artikel-Nr.**  
**article no.**

121 875

|                                                                                     |                     |                   |
|-------------------------------------------------------------------------------------|---------------------|-------------------|
| <b>400V ± 10% 50Hz</b>                                                              |                     |                   |
| <b>Motor/Rad</b>                                                                    | 137-35-8/224        | IP54              |
| <b>P<sub>1</sub></b>                                                                | 0,38                | kW                |
| <b>l</b>                                                                            | 0,88                | A                 |
| <b>n</b>                                                                            | 530                 | min <sup>-1</sup> |
| <b>I<sub>A</sub></b>                                                                | 1,9                 | A                 |
| <b>t<sub>R</sub></b>                                                                | 60                  | °C                |
| <b>Anschlußschaltbild 106XA</b>                                                     |                     |                   |
| <i>Connection diagram</i>                                                           |                     |                   |
|  | 18                  | kg                |
| <b><math>\dot{V}_{\max}</math></b>                                                  | 7850                | m <sup>3</sup> /h |
| <b>p<sub>d2</sub></b>                                                               | $2,5 \cdot 10^{-7}$ | · $\dot{V}^2$     |



|   | U   | I    | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|-----|------|----------------|-------------------|-----------------|
|   | V   | A    | W              | min <sup>-1</sup> | dB              |
| ① | 400 | 0,73 | 250            | 630               |                 |
| ② | 400 | 0,88 | 380            | 530               | 65              |
| ③ | 400 | 0,80 | 310            | 600               | 71              |
| ④ | 230 | 0,53 | 135            | 470               |                 |
| ⑤ | 230 | 0,63 | 165            | 350               | 57              |
| ⑥ | 230 | 0,58 | 155            | 410               | 65              |
| ⑦ | 180 | 0,47 | 96             | 380               |                 |
| ⑧ | 180 | 0,52 | 105            | 280               | 53              |
| ⑨ | 180 | 0,49 | 100            | 330               | 61              |
| ⑩ | 140 | 0,40 | 62             | 300               |                 |
| ⑪ | 140 | 0,42 | 66             | 220               |                 |
| ⑫ | 140 | 0,41 | 64             | 260               |                 |
| ⑬ | 90  | 0,28 | 27             | 140               |                 |



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**RH63M**



**Benennung**  
**Product designation**

Motorlüfterrad / Motorized impeller

mit seitlichem Anschlußkabel /  
with cable side

mit Klemmenkasten /  
with terminal box

**Typ**  
**type**

RH63M-ADK.6C.1R

RH63M-ADK.6C.1R

**Artikel-Nr.**  
**article no.**

121 360

107 699

## RH63M-ADK.6C.1R

400V  $\pm 10\%$   $\Delta/Y$  50Hz

Motor/Rad 137-35-8-8/224 IP54

$P_1$  0,41/0,19 kW

$I$  1,0/0,41 A

$n$  560/380  $\text{min}^{-1}$

$I_A$  2,1/0,7 A

$t_R$  50  $^{\circ}\text{C}$

Anschlußschaltbild 108XA

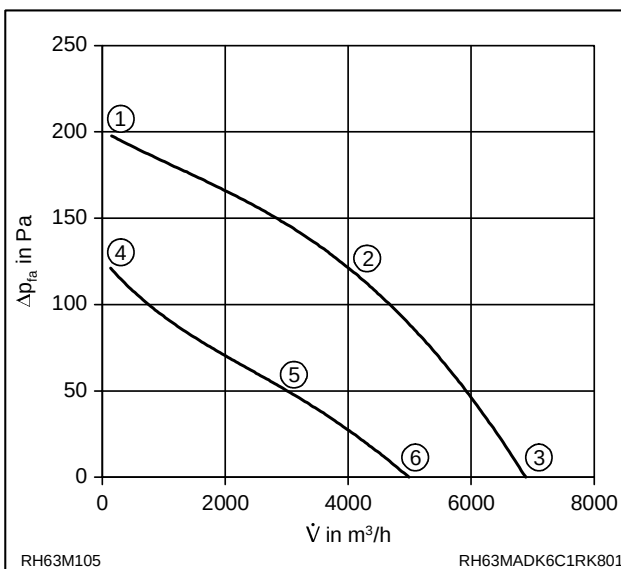
Connection diagram



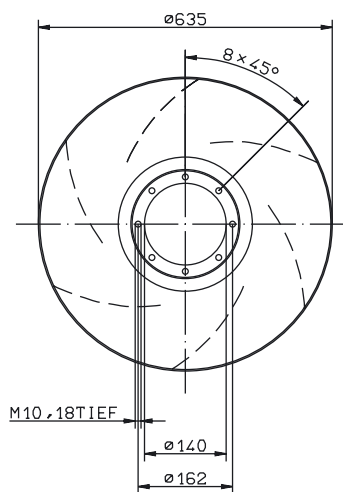
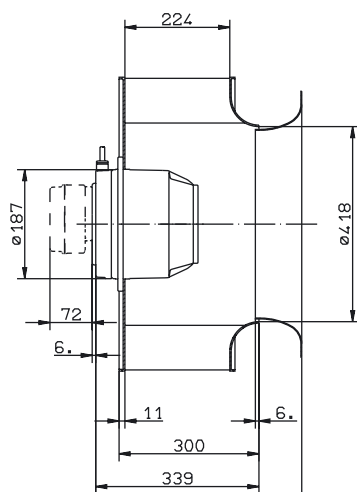
18 kg

$\dot{V}_{\max}$  7850  $\text{m}^3/\text{h}$

$p_{d2}$   $2,5 \cdot 10^{-7}$   $\cdot \dot{V}^2$



|   | U   | I    | P <sub>1</sub> | n                 | L <sub>WA</sub> |
|---|-----|------|----------------|-------------------|-----------------|
|   | V   | A    | W              | min <sup>-1</sup> | dB              |
| ① |     | 0,87 | 280            | 650               |                 |
| ② | 400 | 1,00 | 410            | 560               | 66              |
| ③ | Δ   | 0,95 | 340            | 610               | 71              |
| ④ |     | 0,34 | 150            | 500               |                 |
| ⑤ | 400 | 0,41 | 190            | 380               | 56              |
| ⑥ | Y   | 0,38 | 170            | 450               | 65              |



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