

## Type - Tipo

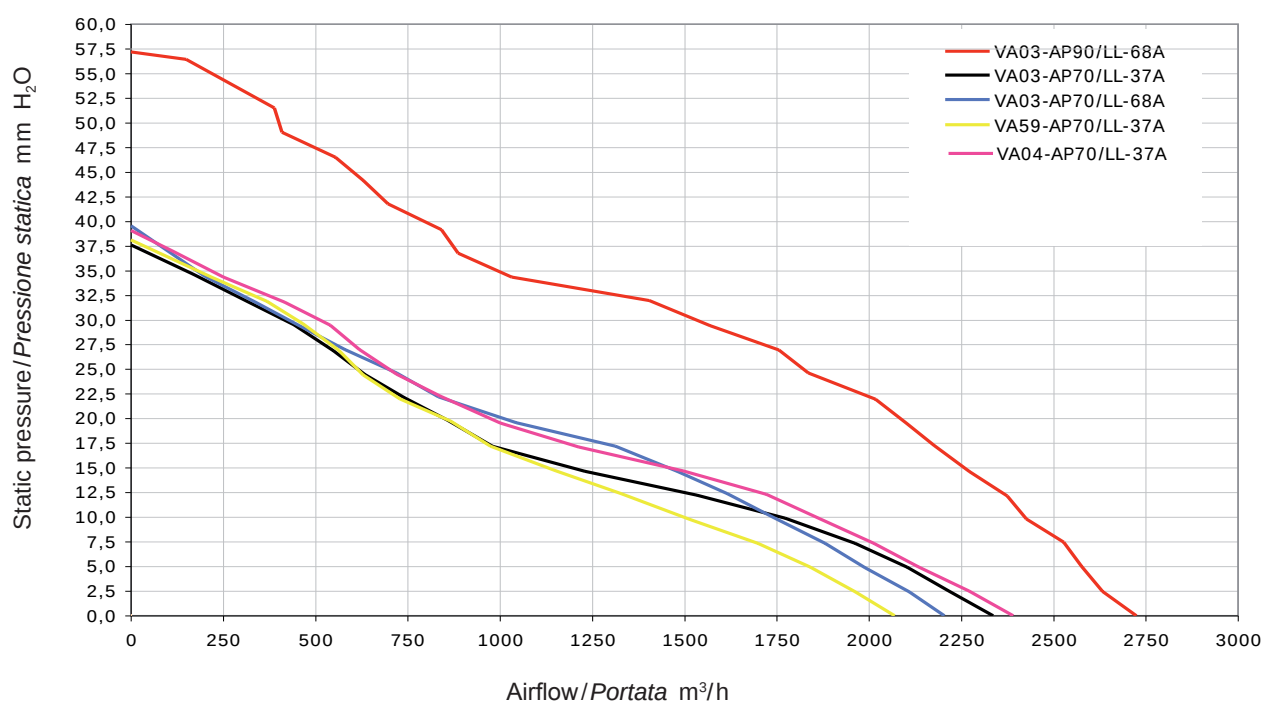
|                  |        |
|------------------|--------|
| VA03-AP90/LL-68A | Pag.58 |
| VA03-AP90/LL-88S | Pag.58 |
| VA03-AP70/LL-37A | Pag.59 |
| VA03-AP70/LL-37S | Pag.59 |
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| VA59-AP70/LL-37A | Pag.61 |
| VA59-AP70/LL-37S | Pag.61 |
| VA04-AP70/LL-37A | Pag.62 |
| VA04-AP70/LL-37S | Pag.62 |

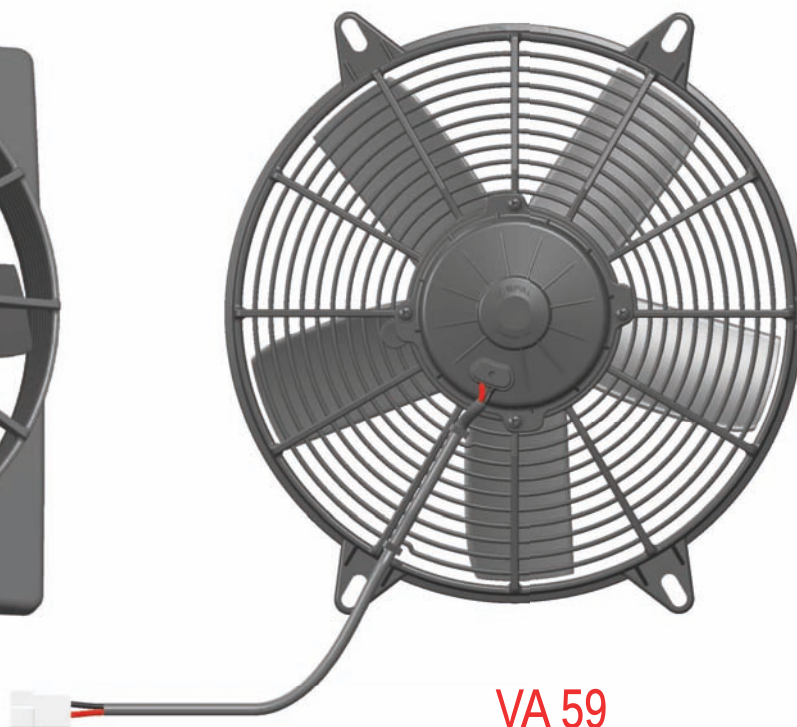


VA 03

Ø 280 mm  
Ø 11"

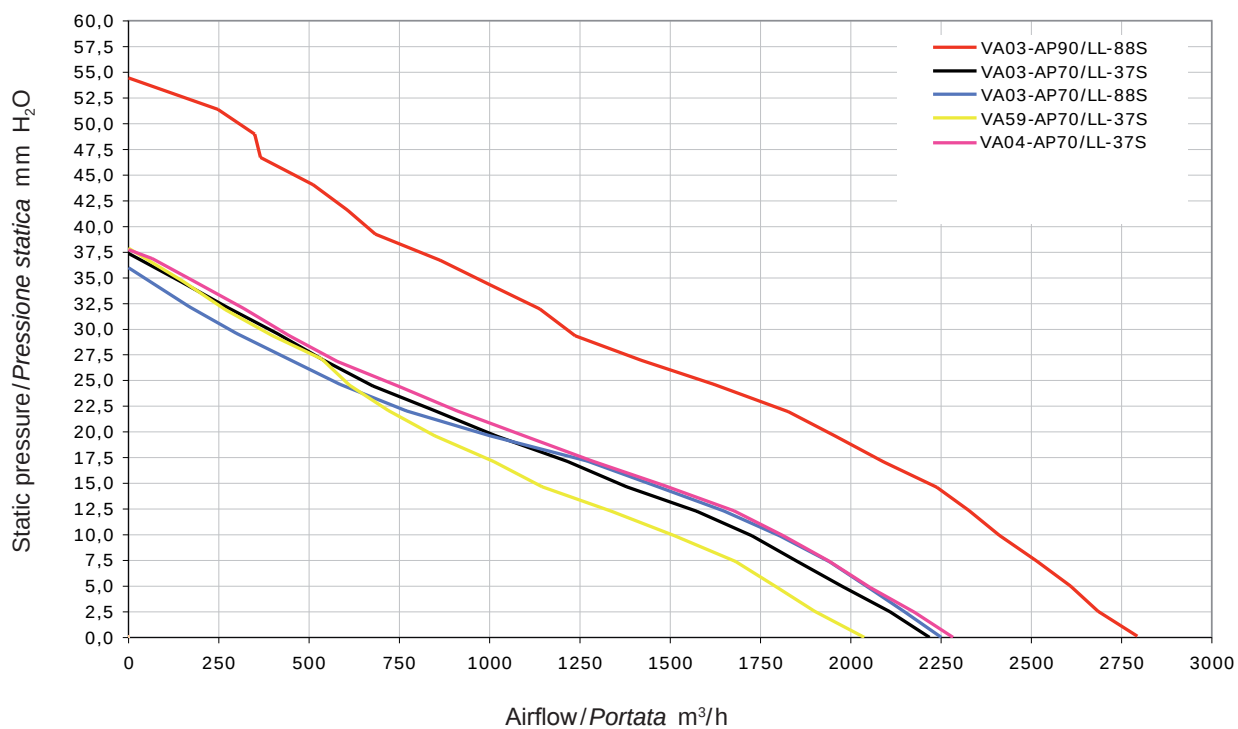
## SUCTION / ASPIRANTE



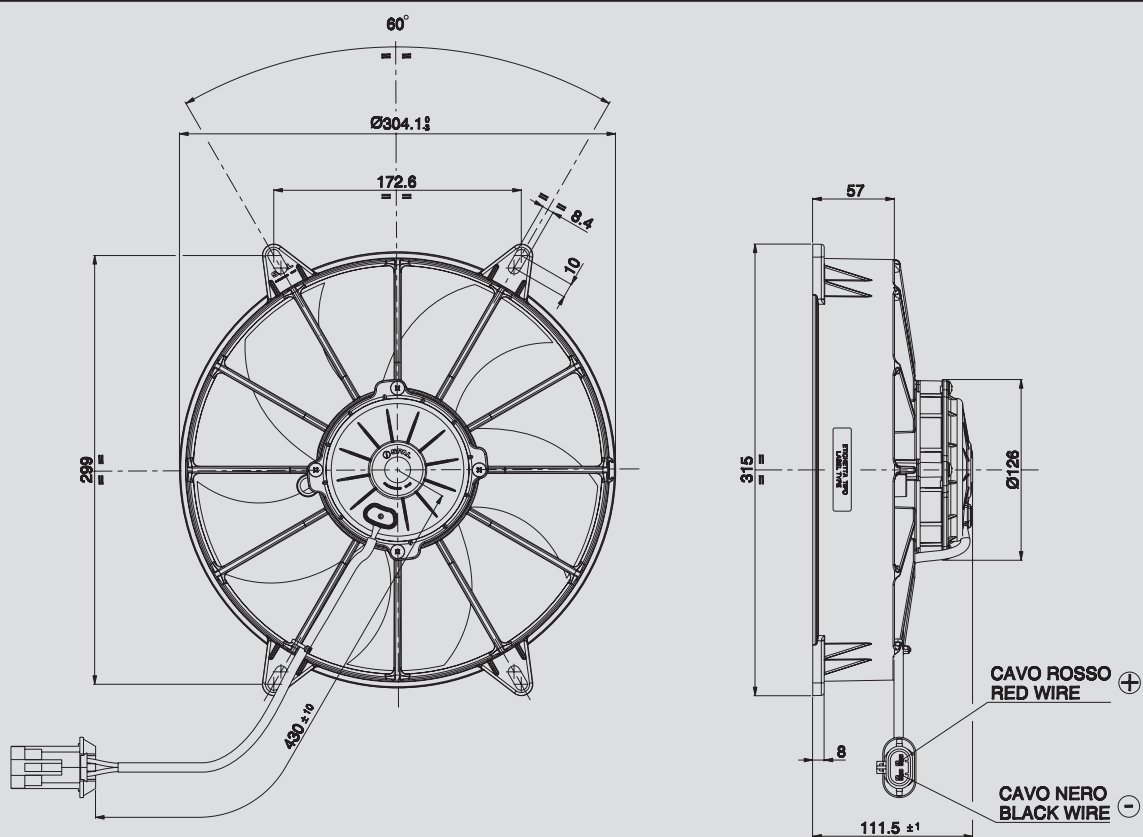


Ø 280 mm  
Ø 11"

### BLOWING / SOFFIANTE



Static pressure: 1 mm H<sub>2</sub>O = 0,04 inches H<sub>2</sub>O    Airflow: 1 m<sup>3</sup>/h = 0,59 cfm



Ø 280 mm  
Ø 11"

Suggested mounting torque: 3(+1/-0) Nm with screw M8  
Weight 3,12 Kg. approx.

Coppia di serraggio consigliata: 3(+1/-0) Nm con vite M8  
Peso 3,12 Kg. circa

PRODUCT FEATURES  
CARATTERISTICHE PRODOTTO

suction / aspirante

blowing / soffiante

Waterproof motor, IP 68  
Motore chiuso, IP 68



Low noise / Bassa rumorosità



Long life / Lunga durata



Waterproof connector  
Connettori a tenuta stagna



VLL version\* / Versione VLL\*



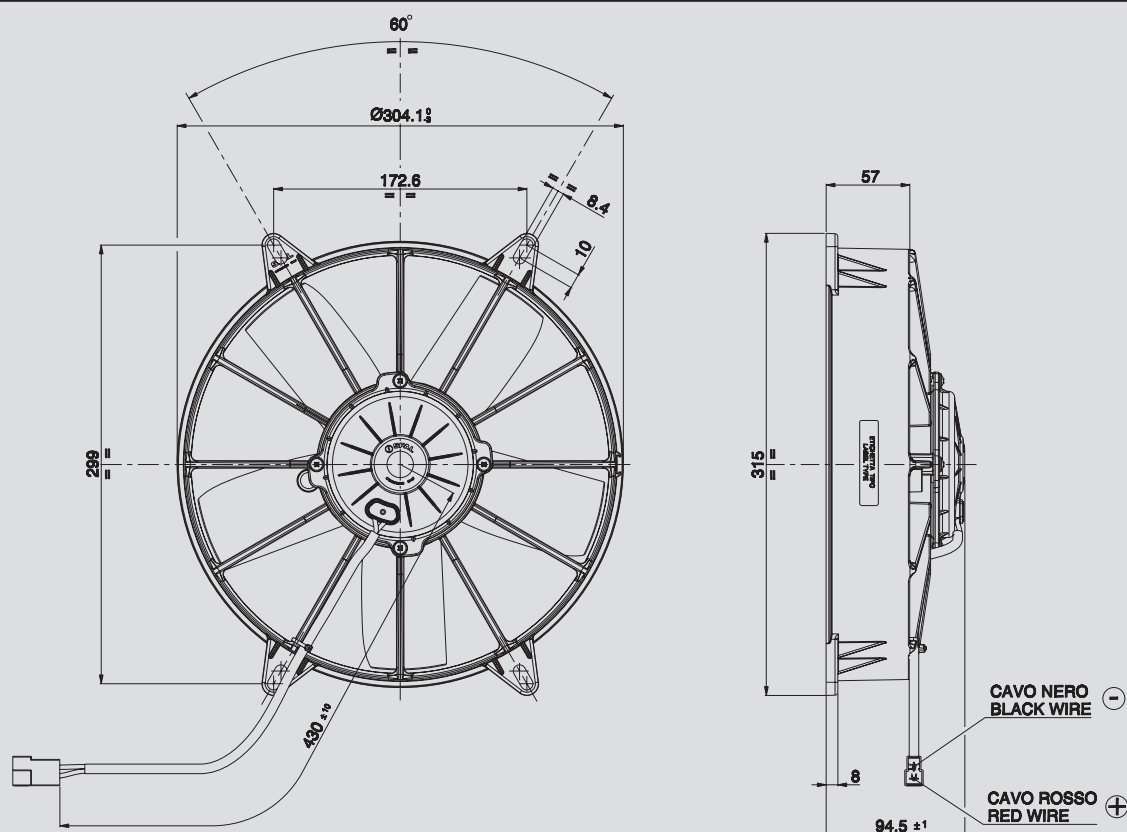
\* for OEM applications only.  
\* per applicazioni OEM

✓ = Standard feature  
Caratteristiche standard

✓ = Available upon request  
Disponibile su richiesta

| Static pressure<br>Pressione statica<br>mm H <sub>2</sub> O | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Static pressure<br>Pressione statica<br>inH <sub>2</sub> O |
|-------------------------------------------------------------|-----------------------------------------|------------------------------------------|---------------------------|-----------------------------------------|------------------------------------------|---------------------------|------------------------------------------------------------|
| 0                                                           | 2720                                    | 24,5                                     | 1605                      | 2790                                    | 24,9                                     | 1646                      | 0                                                          |
| 5                                                           | 2570                                    | 25,9                                     | 1516                      | 2610                                    | 26,1                                     | 1540                      | 0,2                                                        |
| 10                                                          | 2420                                    | 27,7                                     | 1428                      | 2410                                    | 27,2                                     | 1422                      | 0,4                                                        |
| 15                                                          | 2270                                    | 28,7                                     | 1339                      | 2240                                    | 28,2                                     | 1322                      | 0,6                                                        |
| 20                                                          | 2100                                    | 29,0                                     | 1239                      | 1950                                    | 29,5                                     | 1151                      | 0,8                                                        |
| 25                                                          | 1830                                    | 30,6                                     | 1080                      | 1620                                    | 29,5                                     | 956                       | 1                                                          |
| 30                                                          | 1570                                    | 30,9                                     | 926                       | 1230                                    | 30,0                                     | 726                       | 1,2                                                        |
| 35                                                          | 1030                                    | 31,0                                     | 608                       | 990                                     | 31,1                                     | 584                       | 1,4                                                        |
| 40                                                          | 840                                     | 32,4                                     | 496                       | 680                                     | 31,6                                     | 401                       | 1,6                                                        |
| 45                                                          | 630                                     | 32,3                                     | 372                       | 510                                     | 32,0                                     | 301                       | 1,8                                                        |
| 50                                                          | 410                                     | 33,4                                     | 242                       | 350                                     | 33,1                                     | 207                       | 2                                                          |
| 55                                                          | 270                                     | 34,8                                     | 159                       | 0                                       | 35,2                                     | 0                         | 2,2                                                        |
| 60                                                          | 0                                       | 35,8                                     | 0                         |                                         |                                          |                           | 2,4                                                        |

Test voltage 13 V. d.c. - Tensione di prova 13 V. c.c.

**12v** C.C. - D.C.**VA03-AP70/LL-37A**  
**VA03-AP70/LL-37S**

Suggested mounting torque: 3(+1/-0) Nm with screw M8  
Weight 2,37 Kg. approx.

Coppia di serraggio consigliata: 3(+1/-0) Nm con vite M8  
Peso 2,37 Kg. circa

**Ø 280 mm**  
**Ø 11"**

suction / aspirante

blowing / soffiante

PRODUCT FEATURES  
CARATTERISTICHE PRODOTTO

| Static pressure<br>Pressione statica<br>mm H <sub>2</sub> O | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Static pressure<br>Pressione statica<br>in H <sub>2</sub> O |
|-------------------------------------------------------------|-----------------------------------------|------------------------------------------|---------------------------|-----------------------------------------|------------------------------------------|---------------------------|-------------------------------------------------------------|
| 0                                                           | 2330                                    | 12,8                                     | 1375                      | 2220                                    | 11,2                                     | 1310                      | 0                                                           |
| 5                                                           | 2100                                    | 14,0                                     | 1239                      | 1970                                    | 12,2                                     | 1162                      | 0,2                                                         |
| 10                                                          | 1770                                    | 14,4                                     | 1044                      | 1720                                    | 13,0                                     | 1015                      | 0,4                                                         |
| 15                                                          | 1230                                    | 13,9                                     | 726                       | 1380                                    | 13,5                                     | 814                       | 0,6                                                         |
| 20                                                          | 860                                     | 15,0                                     | 507                       | 1010                                    | 14,2                                     | 596                       | 0,8                                                         |
| 25                                                          | 630                                     | 15,6                                     | 372                       | 670                                     | 14,5                                     | 395                       | 1                                                           |
| 30                                                          | 440                                     | 16,0                                     | 260                       | 410                                     | 15,0                                     | 242                       | 1,2                                                         |
| 35                                                          | 170                                     | 17,1                                     | 100                       | 140                                     | 16,1                                     | 83                        | 1,4                                                         |
| 40                                                          | 0                                       | 18,4                                     | 0                         | 0                                       | 17,1                                     | 0                         | 1,6                                                         |

Waterproof motor, IP 68  
Motore chiuso, IP 68

Long life / Lunga durata



VLL version\* / Versione VLL\*

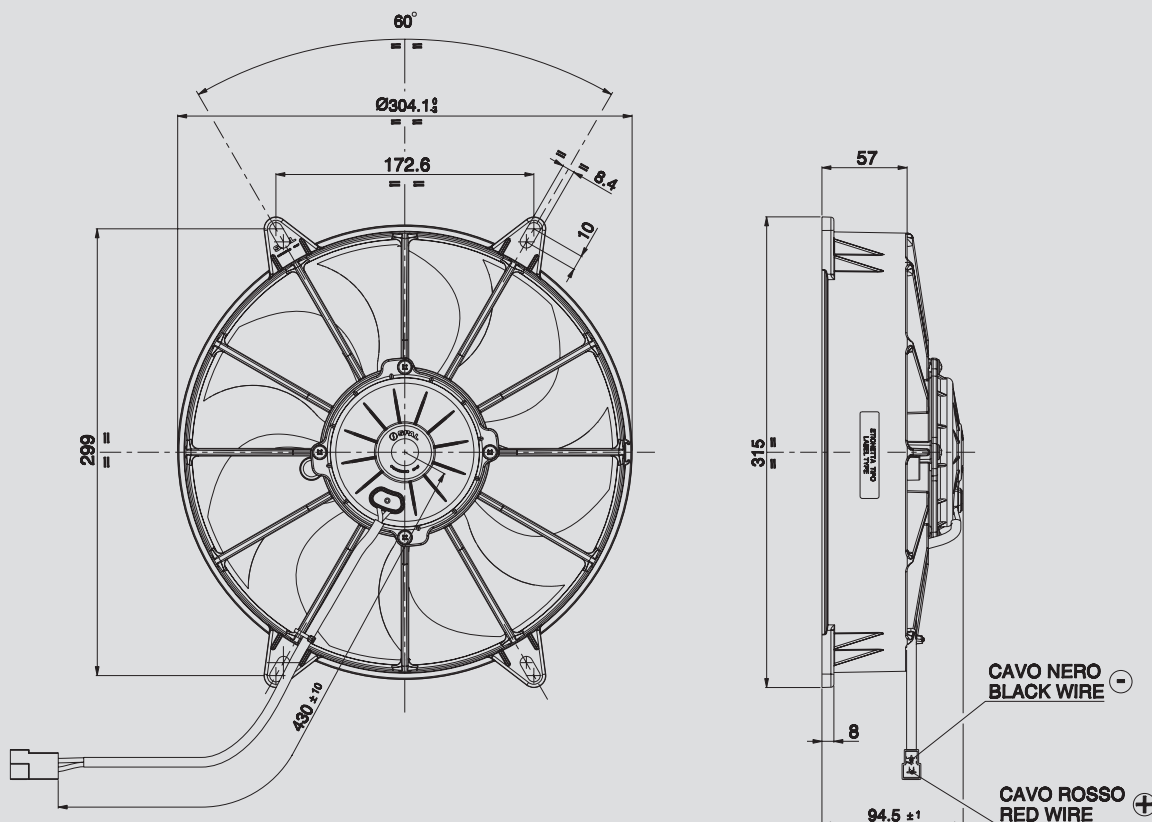
Waterproof connector  
Connettori a tenuta stagna

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Caratteristiche standard

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Disponibile su richiesta

Test voltage 13 V. d.c. - Tensione di prova 13 V. c.c.



Ø 280 mm  
Ø 11"

Suggested mounting torque: 3(+1/-0) Nm with screw M8  
Weight 2,38 Kg. approx.

Coppia di serraggio consigliata: 3(+1/-0) Nm con vite M8  
Peso 2,38 Kg. circa

PRODUCT FEATURES  
CARATTERISTICHE PRODOTTO

suction / aspirante

blowing / soffiante

Waterproof motor, IP 68  
Motore chiuso, IP 68



Low noise / Bassa rumorosità



Long life / Lunga durata



VLL version\* / Versione VLL \*



Waterproof connector  
Connettori a tenuta stagna



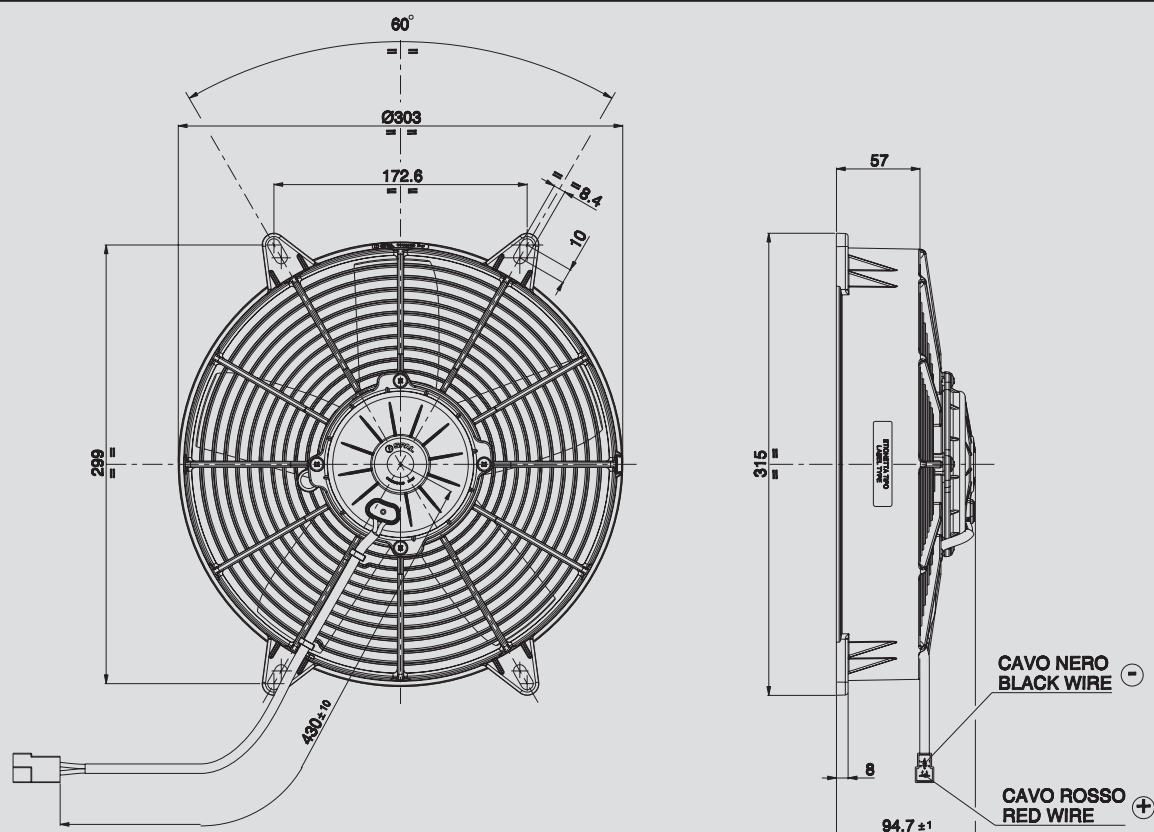
| Static pressure<br>Pressione statica<br>mm H <sub>2</sub> O | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Static pressure<br>Pressione statica<br>inH <sub>2</sub> O |
|-------------------------------------------------------------|-----------------------------------------|------------------------------------------|---------------------------|-----------------------------------------|------------------------------------------|---------------------------|------------------------------------------------------------|
| 0                                                           | 2200                                    | 12,3                                     | 1298                      | 2250                                    | 13,0                                     | 1328                      | 0                                                          |
| 5                                                           | 1990                                    | 12,9                                     | 1174                      | 2040                                    | 13,7                                     | 1204                      | 0,2                                                        |
| 10                                                          | 1740                                    | 13,9                                     | 1027                      | 1800                                    | 14,6                                     | 1062                      | 0,4                                                        |
| 15                                                          | 1480                                    | 14,6                                     | 873                       | 1460                                    | 15,0                                     | 861                       | 0,6                                                        |
| 20                                                          | 1040                                    | 14,4                                     | 614                       | 1000                                    | 15,0                                     | 590                       | 0,8                                                        |
| 25                                                          | 720                                     | 15,5                                     | 425                       | 580                                     | 15,4                                     | 342                       | 1                                                          |
| 30                                                          | 450                                     | 16,3                                     | 266                       | 300                                     | 16,5                                     | 177                       | 1,2                                                        |
| 35                                                          | 200                                     | 17,5                                     | 118                       | 0                                       | 18,5                                     | 0                         | 1,4                                                        |
| 40                                                          | 0                                       | 19,6                                     | 0                         |                                         |                                          |                           | 1,6                                                        |

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Test voltage 13 V. d.c. - Tensione di prova 13 V. c.c.



**12v** C.C. - D.C.**VA59-AP70/LL-37A**  
**VA59-AP70/LL-37S**

Suggested mounting torque: 3(+1/-0) Nm with screw M8  
Weight 2,41 Kg. approx.

Coppia di serraggio consigliata: 3(+1/-0) Nm con vite M8  
Peso 2,41 Kg. circa

**suction / aspirante****blowing / soffiante****PRODUCT FEATURES**  
**CARATTERISTICHE PRODOTTO**

| Static pressure<br>Pressione statica<br>mm H <sub>2</sub> O | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Airflow<br>Portata<br>m <sup>3</sup> /h | Current input<br>Corrente assorbita<br>A | Airflow<br>Portata<br>CFM | Static pressure<br>Pressione statica<br>in H <sub>2</sub> O |
|-------------------------------------------------------------|-----------------------------------------|------------------------------------------|---------------------------|-----------------------------------------|------------------------------------------|---------------------------|-------------------------------------------------------------|
| 0                                                           | 2070                                    | 13,8                                     | 1221                      | 2040                                    | 13,1                                     | 1204                      | 0                                                           |
| 5                                                           | 1840                                    | 13,8                                     | 1086                      | 1790                                    | 13,4                                     | 1056                      | 0,2                                                         |
| 10                                                          | 1510                                    | 14,0                                     | 891                       | 1510                                    | 13,7                                     | 891                       | 0,4                                                         |
| 15                                                          | 1150                                    | 13,7                                     | 679                       | 1140                                    | 14,0                                     | 673                       | 0,6                                                         |
| 20                                                          | 860                                     | 14,2                                     | 507                       | 840                                     | 14,4                                     | 496                       | 0,8                                                         |
| 25                                                          | 630                                     | 14,8                                     | 372                       | 610                                     | 14,8                                     | 360                       | 1                                                           |
| 30                                                          | 460                                     | 16,0                                     | 271                       | 400                                     | 15,5                                     | 236                       | 1,2                                                         |
| 35                                                          | 220                                     | 16,4                                     | 130                       | 150                                     | 17,5                                     | 89                        | 1,4                                                         |
| 40                                                          | 0                                       | 18,5                                     | 0                         | 0                                       | 18,8                                     | 0                         | 1,6                                                         |

Waterproof motor, IP 68  
Motore chiuso, IP 68



Long life / Lunga durata



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