

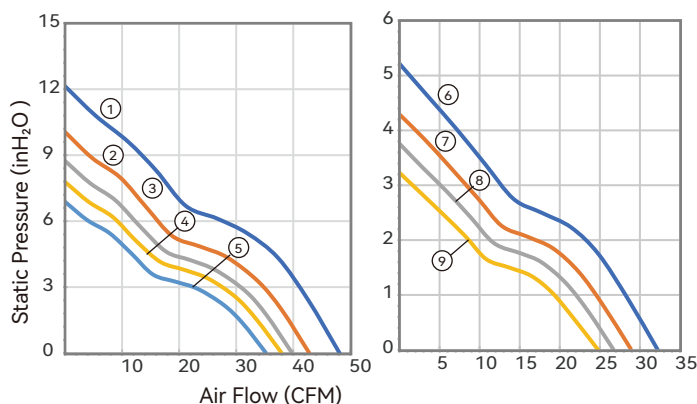
# 40X40X28 mm

## High Efficiency

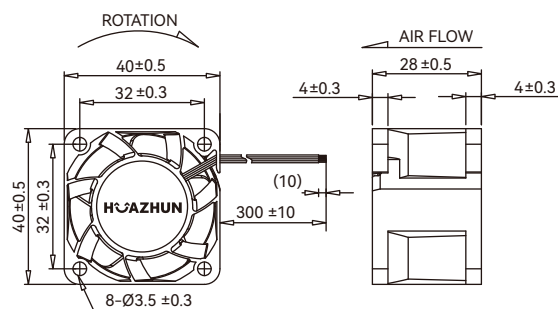


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-FG/PWM
- Lead Wires : UL10368 AWG26 OR Equivalent

### ■ Air Flow-Static Pressure Characteristics



### ■ Dimensions drawing (mm)



| Model No.           | Rated Voltage | Operating Voltage Range | Operating Temp. | Speed | Input Current | Input Power | Maximum Air Flow |                     | Maximum Air Pressure |                    | Noise @1M |
|---------------------|---------------|-------------------------|-----------------|-------|---------------|-------------|------------------|---------------------|----------------------|--------------------|-----------|
|                     |               |                         |                 |       |               |             | CFM              | m <sup>3</sup> /min | inH <sub>2</sub> O   | mmH <sub>2</sub> O |           |
| ① A340281S BP4T00   | 12            | 10~13.2                 | -10~70          | 45000 | 3.99          | 47.8        | 48.1             | 1.36                | 12.1                 | 308                | 70.5      |
| ② A340281S BP4T10   | 12            | 10~13.2                 | -10~70          | 40000 | 2.97          | 35.6        | 42.7             | 1.21                | 10.1                 | 255                | 68.9      |
| ③ A340281S BP4T20   | 12            | 10~13.2                 | -10~70          | 37500 | 2.42          | 29.1        | 39.7             | 1.13                | 8.7                  | 222                | 67.8      |
| ④ A340281S BP4T40   | 12            | 10~13.2                 | -10~70          | 35500 | 2.13          | 25.6        | 37.9             | 1.07                | 7.8                  | 198                | 66.7      |
| ⑤ A340281S BP4T60   | 12            | 10~13.2                 | -10~70          | 33000 | 1.74          | 20.9        | 35.2             | 1.00                | 6.9                  | 175                | 64.5      |
| ⑥ A140281MBM 4050T0 | 12            | 10~13.2                 | -10~70          | 30000 | 1.30          | 15.6        | 32.2             | 0.91                | 5.2                  | 132                | 62.8      |
| ⑦ A140281MBM 4060T0 | 12            | 10~13.2                 | -10~70          | 27000 | 0.96          | 11.5        | 28.8             | 0.82                | 4.3                  | 109                | 60.0      |
| ⑧ A140281MBM 4070T0 | 12            | 10~13.2                 | -10~70          | 25000 | 0.78          | 9.4         | 26.7             | 0.76                | 3.8                  | 95                 | 59.0      |
| ⑨ A140281MBM 4080T0 | 12            | 10~13.2                 | -10~70          | 23000 | 0.61          | 7.3         | 24.8             | 0.70                | 3.2                  | 82                 | 57.5      |
| ① A340284S B40N10T0 | 48            | 40.8~55.2               | -10~70          | 45000 | 1.00          | 47.8        | 48.1             | 1.36                | 12.1                 | 308                | 70.5      |
| ② A340284S B40N20T0 | 48            | 40.8~55.2               | -10~70          | 40000 | 0.74          | 35.6        | 42.7             | 1.21                | 10.1                 | 255                | 68.9      |
| ③ A340284S B40N30T0 | 48            | 40.8~55.2               | -10~70          | 37500 | 0.61          | 29.1        | 39.7             | 1.13                | 8.7                  | 222                | 67.8      |
| ④ A340284S B40N40T0 | 48            | 40.8~55.2               | -10~70          | 35500 | 0.53          | 25.6        | 37.9             | 1.07                | 7.8                  | 198                | 66.7      |
| ⑤ A340284S B40N60T0 | 48            | 40.8~55.2               | -10~70          | 33000 | 0.44          | 20.9        | 35.2             | 1.00                | 6.9                  | 175                | 64.5      |

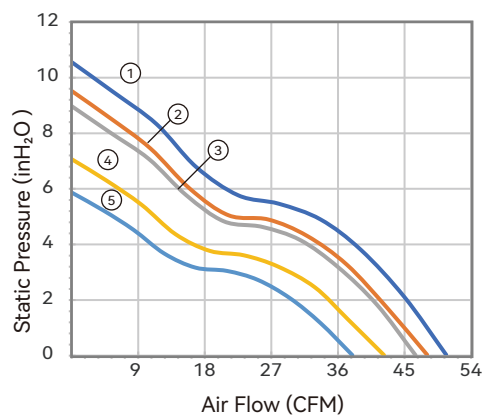
**40X40X28 mm**

High PQ

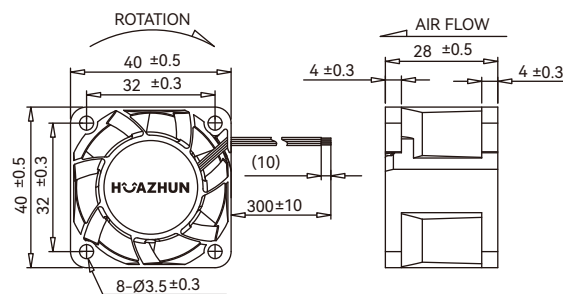


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-FG/PWM
- Lead Wires : UL10368 AWG26 OR Equivalent

## ■ Air Flow-Static Pressure Characteristics



## ■ Dimensions drawing (mm)



| Model No.           | Rated Voltage | Operating Voltage Range | Operating Temp. | Speed | Input Current | Input Power | Maximum Air Flow |                     | Maximum Air Pressure |                    | Noise @1M |
|---------------------|---------------|-------------------------|-----------------|-------|---------------|-------------|------------------|---------------------|----------------------|--------------------|-----------|
|                     |               |                         |                 |       |               |             | CFM              | m <sup>3</sup> /min | inH <sub>2</sub> O   | mmH <sub>2</sub> O |           |
| ① A340281S BP4B00   | 12            | 10~13.2                 | -10~70          | 40000 | 4.57          | 54.8        | 50.6             | 1.44                | 10.56                | 268                | 75.3      |
| ② A340281S BP4B10   | 12            | 10~13.2                 | -10~70          | 38000 | 3.85          | 46.2        | 48.0             | 1.36                | 9.53                 | 242                | 73.1      |
| ③ A340281S BP4B20   | 12            | 10~13.2                 | -10~70          | 36500 | 3.61          | 43.3        | 46.5             | 1.32                | 8.98                 | 228                | 71.4      |
| ④ A340281S BP4B30   | 12            | 10~13.2                 | -10~70          | 33000 | 2.62          | 31.5        | 42.2             | 1.20                | 7.07                 | 180                | 70.0      |
| ⑤ A340281S BP4B50   | 12            | 10~13.2                 | -10~70          | 30000 | 2.04          | 24.4        | 37.9             | 1.08                | 5.87                 | 149                | 69.2      |
| ① A340284S B40N00B0 | 48            | 40.8~55.2               | -10~70          | 40000 | 1.14          | 54.8        | 50.6             | 1.44                | 10.56                | 268                | 75.3      |
| ② A340284S B40N10B0 | 48            | 40.8~55.2               | -10~70          | 38000 | 0.95          | 45.5        | 48.0             | 1.36                | 9.53                 | 242                | 73.1      |
| ③ A340284S B40N20B0 | 48            | 40.8~55.2               | -10~70          | 36500 | 0.90          | 43.3        | 46.5             | 1.32                | 8.98                 | 228                | 71.4      |
| ④ A340284S B40N30B0 | 48            | 40.8~55.2               | -10~70          | 33000 | 0.66          | 31.5        | 42.2             | 1.20                | 7.07                 | 180                | 70.0      |
| ⑤ A340284S B40N50B0 | 48            | 40.8~55.2               | -10~70          | 30000 | 0.51          | 24.4        | 37.9             | 1.08                | 5.87                 | 149                | 69.2      |

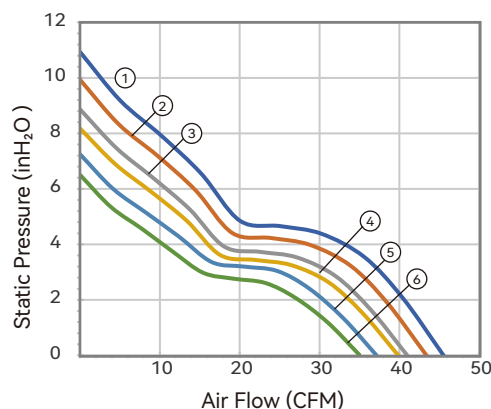
**40X40X28 mm**

Low Power Consumption

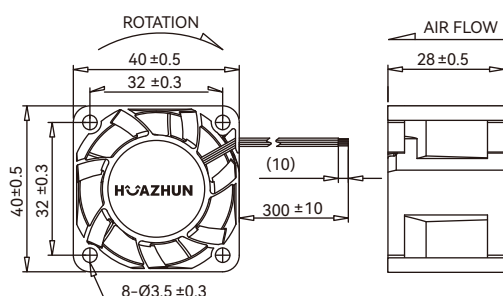


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-FG/PWM
- Lead Wires : UL10368 AWG26 OR Equivalent

## ■ Air Flow-Static Pressure Characteristics



## ■ Dimensions drawing (mm)



| Model No.           | Rated Voltage<br>VDC | Operating Voltage Range<br>VDC | Operating Temp.<br>°C | Speed<br>RPM | Input Current<br>Amp | Input Power<br>Watts | Maximum Air Flow |                     | Maximum Air Pressure |                    | Noise @1M<br>dB(A) |
|---------------------|----------------------|--------------------------------|-----------------------|--------------|----------------------|----------------------|------------------|---------------------|----------------------|--------------------|--------------------|
|                     |                      |                                |                       |              |                      |                      | CFM              | m <sup>3</sup> /min | inH <sub>2</sub> O   | mmH <sub>2</sub> O |                    |
| ① A340281S BP4W10   | 12                   | 10~13.2                        | -10~70                | 40000        | 3.39                 | 40.6                 | 45.5             | 1.29                | 10.9                 | 278                | 73.0               |
| ② A340281S BP4W20   | 12                   | 10~13.2                        | -10~70                | 38000        | 2.93                 | 35.2                 | 43.4             | 1.23                | 9.9                  | 252                | 71.9               |
| ③ A340281S BP4W30   | 12                   | 10~13.2                        | -10~70                | 36000        | 2.50                 | 30.0                 | 41.0             | 1.16                | 8.9                  | 225                | 70.3               |
| ④ A340281S BP4W50   | 12                   | 10~13.2                        | -10~70                | 34000        | 2.23                 | 26.7                 | 39.9             | 1.13                | 8.2                  | 208                | 69.9               |
| ⑤ A340281S BP4W60   | 12                   | 10~13.2                        | -10~70                | 32000        | 1.86                 | 22.3                 | 37.1             | 1.05                | 7.3                  | 184                | 68.8               |
| ⑥ A340281S BP4W70   | 12                   | 10~13.2                        | -10~70                | 30000        | 1.63                 | 19.6                 | 35.0             | 0.99                | 6.5                  | 165                | 68.2               |
| ① A340284S B40N10W0 | 48                   | 40.8~55.2                      | -10~70                | 40000        | 0.85                 | 40.6                 | 45.5             | 1.29                | 10.9                 | 278                | 73.0               |
| ② A340284S B40N20W0 | 48                   | 40.8~55.2                      | -10~70                | 38000        | 0.73                 | 35.2                 | 43.4             | 1.23                | 9.9                  | 252                | 71.9               |
| ③ A340284S B40N30W0 | 48                   | 40.8~55.2                      | -10~70                | 36000        | 0.62                 | 30.0                 | 41.0             | 1.16                | 8.9                  | 225                | 70.3               |
| ④ A340284S B40N50W0 | 48                   | 40.8~55.2                      | -10~70                | 34000        | 0.56                 | 26.7                 | 39.9             | 1.13                | 8.2                  | 208                | 69.9               |
| ⑤ A340284S B40N60W0 | 48                   | 40.8~55.2                      | -10~70                | 32000        | 0.46                 | 22.3                 | 37.1             | 1.05                | 7.3                  | 184                | 68.8               |
| ⑥ A340284S B40N70W0 | 48                   | 40.8~55.2                      | -10~70                | 30000        | 0.41                 | 19.6                 | 35.0             | 0.99                | 6.5                  | 165                | 68.2               |

Notes: Specifications are subject to change without notice. Please refer to the product data sheet provided by our sales.

<https://www.i-hzlw.com>

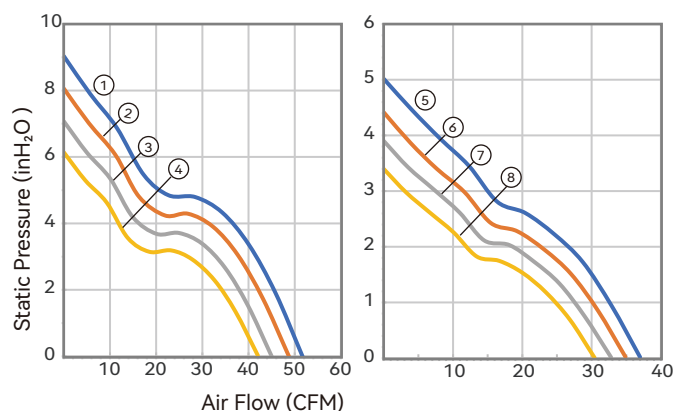
**40X40X28 mm**

High Air Flow

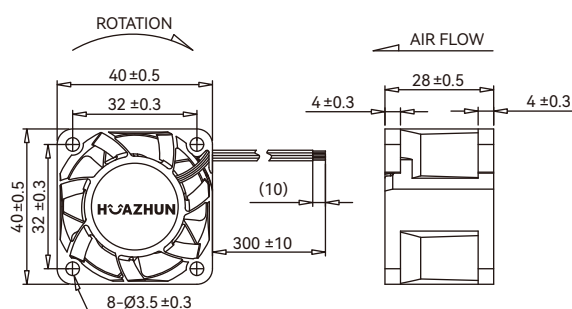


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-FG/PWM
- Lead Wires : UL10368 AWG26 OR Equivalent

## ■ Air Flow-Static Pressure Characteristics



## ■ Dimensions drawing (mm)



| Model No.           | Rated Voltage<br>VDC | Operating Voltage Range<br>VDC | Operating Temp.<br>°C | Speed<br>RPM | Input Current<br>Amp | Input Power<br>Watts | Maximum Air Flow |                     | Maximum Air Pressure |                    | Noise @1M<br>dB(A) |
|---------------------|----------------------|--------------------------------|-----------------------|--------------|----------------------|----------------------|------------------|---------------------|----------------------|--------------------|--------------------|
|                     |                      |                                |                       |              |                      |                      | CFM              | m <sup>3</sup> /min | inH <sub>2</sub> O   | mmH <sub>2</sub> O |                    |
| ① A340281S BP4Q30   | 12                   | 10~13.2                        | -10~70                | 36000        | 4.88                 | 58.5                 | 51.7             | 1.46                | 9.0                  | 229.4              | 72.1               |
| ② A340281S BP4Q40   | 12                   | 10~13.2                        | -10~70                | 34000        | 4.10                 | 49.3                 | 48.7             | 1.38                | 8.1                  | 204.7              | 70.9               |
| ③ A340281S BP4Q60   | 12                   | 10~13.2                        | -10~70                | 32000        | 3.27                 | 39.2                 | 45.0             | 1.27                | 7.1                  | 179.6              | 69.5               |
| ④ A340281S BP4Q70   | 12                   | 10~13.2                        | -10~70                | 30000        | 2.68                 | 32.1                 | 42.0             | 1.19                | 6.1                  | 156.0              | 68.1               |
| ⑤ A140281MBM 4050Q0 | 12                   | 10~13.2                        | -10~70                | 26500        | 2.25                 | 27.0                 | 37.0             | 1.05                | 5.0                  | 127.5              | 67.1               |
| ⑥ A140281MBM 4060Q0 | 12                   | 10~13.2                        | -10~70                | 25000        | 1.76                 | 21.1                 | 34.9             | 0.99                | 4.4                  | 112.3              | 64.8               |
| ⑦ A140281MBM 4070Q0 | 12                   | 10~13.2                        | -10~70                | 23500        | 1.47                 | 17.7                 | 32.8             | 0.93                | 3.9                  | 99.1               | 64.6               |
| ⑧ A140281MBM 4080Q0 | 12                   | 10~13.2                        | -10~70                | 22000        | 1.18                 | 14.1                 | 30.4             | 0.86                | 3.4                  | 86.4               | 62.0               |
| ① A340284S B40N30Q0 | 48                   | 40.8~55.2                      | -10~70                | 36000        | 1.22                 | 58.5                 | 51.7             | 1.46                | 9.0                  | 229.4              | 72.1               |
| ② A340284S B40N40Q0 | 48                   | 40.8~55.2                      | -10~70                | 34000        | 1.03                 | 49.3                 | 48.7             | 1.38                | 8.1                  | 204.7              | 70.9               |
| ③ A340284S B40N60Q0 | 48                   | 40.8~55.2                      | -10~70                | 32000        | 0.82                 | 39.2                 | 45.0             | 1.27                | 7.1                  | 179.6              | 69.5               |
| ④ A340284S B40N70Q0 | 48                   | 40.8~55.2                      | -10~70                | 30000        | 0.67                 | 32.1                 | 42.0             | 1.19                | 6.1                  | 156.0              | 68.1               |

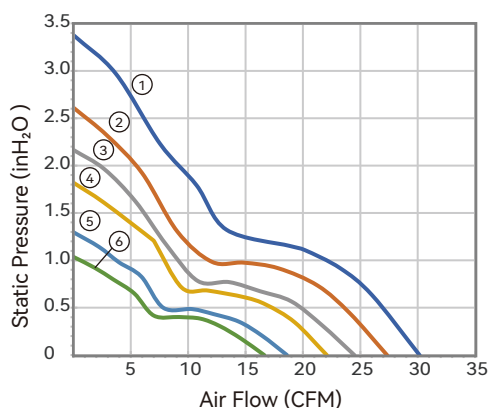
**40X40X28 mm**

Low Noise

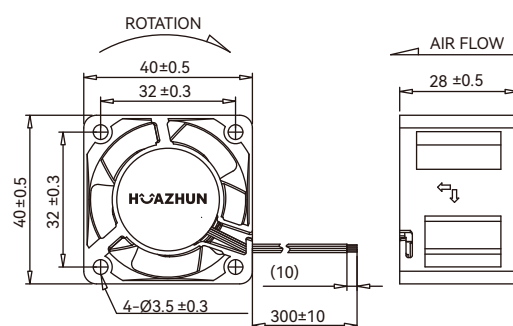


- Housing: Plastic (UL 94V-0)
- Impeller: Plastic (UL 94V-0)
- Bearing: Ball bearings
- Control Options: +/-FG/PWM
- Lead Wires : UL10368 AWG26 OR Equivalent

## ■ Air Flow-Static Pressure Characteristics



## ■ Dimensions drawing (mm)



| Model No.           | Rated Voltage<br>VDC | Operating Voltage Range<br>VDC | Operating Temp.<br>°C | Speed<br>RPM | Input Current<br>Amp | Input Power<br>Watts | Maximum Air Flow |                     | Maximum Air Pressure |                    | Noise @1M<br>dB(A) |
|---------------------|----------------------|--------------------------------|-----------------------|--------------|----------------------|----------------------|------------------|---------------------|----------------------|--------------------|--------------------|
|                     |                      |                                |                       |              |                      |                      | CFM              | m <sup>3</sup> /min | inH <sub>2</sub> O   | mmH <sub>2</sub> O |                    |
| ① A140281M BO4V20   | 12                   | 10~13.2                        | -10~70                | 22400        | 1.36                 | 16.35                | 30.2             | 0.85                | 3.4                  | 85.8               | 59.3               |
| ② A140281M BO4V30   | 12                   | 10~13.2                        | -10~70                | 20000        | 0.82                 | 9.87                 | 27.3             | 0.77                | 2.6                  | 66.4               | 56.8               |
| ③ A140281M BO4V40   | 12                   | 10~13.2                        | -10~70                | 18000        | 0.66                 | 7.92                 | 24.5             | 0.69                | 2.2                  | 55.0               | 54.6               |
| ④ A140281L BG4V10   | 12                   | 10~13.2                        | -10~70                | 16500        | 0.52                 | 6.27                 | 22.1             | 0.63                | 1.8                  | 46.2               | 53.0               |
| ⑤ A140281L BG4V20   | 12                   | 10~13.2                        | -10~70                | 14000        | 0.32                 | 3.86                 | 18.6             | 0.53                | 1.3                  | 32.9               | 48.3               |
| ⑥ A140281L BG4V30   | 12                   | 10~13.2                        | -10~70                | 12500        | 0.23                 | 2.79                 | 16.6             | 0.47                | 1.0                  | 26.3               | 45.5               |
| ① A140282M B40N50V0 | 24                   | 16~30                          | -10~70                | 22400        | 0.68                 | 16.35                | 30.2             | 0.85                | 3.4                  | 85.8               | 59.3               |
| ② A140282M B40N60V0 | 24                   | 16~30                          | -10~70                | 20000        | 0.41                 | 9.87                 | 27.3             | 0.77                | 2.6                  | 66.4               | 56.8               |
| ③ A140282M B40N70V0 | 24                   | 16~30                          | -10~70                | 18000        | 0.33                 | 7.92                 | 24.5             | 0.69                | 2.2                  | 55.0               | 54.6               |