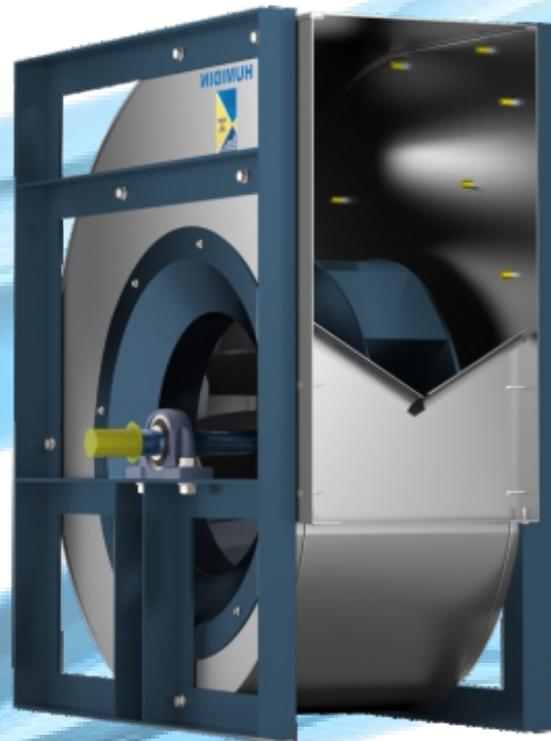
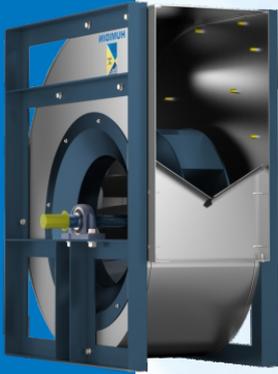


CENTRIFUGAL FAN (SISW)



Quality Speaks For Itself



CENTRIFUGAL FAN (SISW)

HUMIDIN CENTRIFUGAL FAN SISW-BACKWARD / AEROFOIL / LIMIT LOAD FANS

CENTRIFUGAL BLOWERS, SISW fans, are designed to move air or gases by converting rotational kinetic energy into pressure energy. These blowers are used in a wide variety of applications where controlled, high-pressure Air moves is required. The "SISW" designation indicates two inlets and double-width construction, which together allow for higher efficiency and greater Air moves capacity. The blades optimize the blower's performance by reducing the potential for cavitation and improving energy efficiency.

FEATURES:

1. Single Inlet (SISW):

Single Inlets: The blower has One Side intake ports (inlets) instead of Two, allowing it to draw air from One side of the unit. This configuration enhances Air moves capacity and helps balance the load across the system.

Increased Efficiency: The Single inlet system improves Air moves and reduces the chance of system imbalance, resulting in better overall performance.

2. Single Width:

Narrower Fan Wheel: The single width fan wheel means that the fan has a more narrow rotor compared to double-width designs. This results in a smaller overall footprint, ideal for environments where space efficiency is essential.

Moderate Air moves Capacity: While it can still move a significant volume of air, the single width design limits the maximum Air moves capacity compared to wider designs.

3. Backward / Aerofoil / Limit Load Fan Blades:

Blade Design: Backward Curve Blades: In some cases, backward curve blades are used, providing higher efficiency at moderate to high pressures. Backward curve blades generally offer better energy efficiency and lower wear compared to forward curve blades.

4. Versatility in Pressure Handling:

Medium / Low Pressure Capability: SISW Backward curve blowers are designed for applications where Lower system pressures are encountered, making them ideal for heavy-duty tasks like air handling and fume extraction systems.
Stable Operation: These blowers maintain a consistent Air moves even when the pressure in the system fluctuates, ensuring reliable operation.

5. Low Maintenance and Durability:

Due to the robust design of the fan and the minimal wear on Backward curve blades, SISW blowers typically require less maintenance over time. Their efficiency and durability are crucial in industrial settings where blower performance is critical.

6. Noise Reduction:

The Backward curve blades also help reduce operational noise, as they generate less turbulence. This makes the blower suitable for environments where noise control is a priority, such as in commercial HVAC systems.

7. Shaft

The shaft used for the fan are made of EN-8/SAE-1040 carbon steel and machined to the prescribed tolerances with standard keyways The Shaft are grinded for better performance and finish. The Shafts are coated with Varnish/ Laquer after assembly.

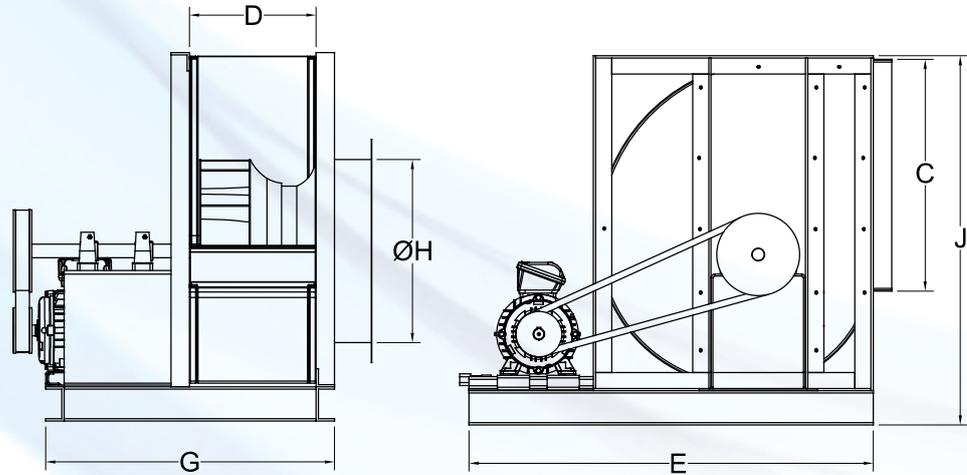
MATERIAL OF CONSTRUCTION:

- CASING - GI/MS/SS/MS(HOT DIP GALVANIZED)
- SHAFT - MS (EN 8) / SS
- BEARING - PILLOW BLOCK
- IMPELLER - MS/GI/SS
- IMPELLER HUB - CI / CI WITH TAPPER BUSH ARRANGEMENT
- SIDE FRAME - MS / SS
- INLET CONE - FRP/MS/GI/SS

APPLICATIONS

- HVAC Systems
- Industrial Ventilation
- Air Handling Units
- Dust Collection
- Exhaust Fans
- Drying Systems
- Cooling Systems

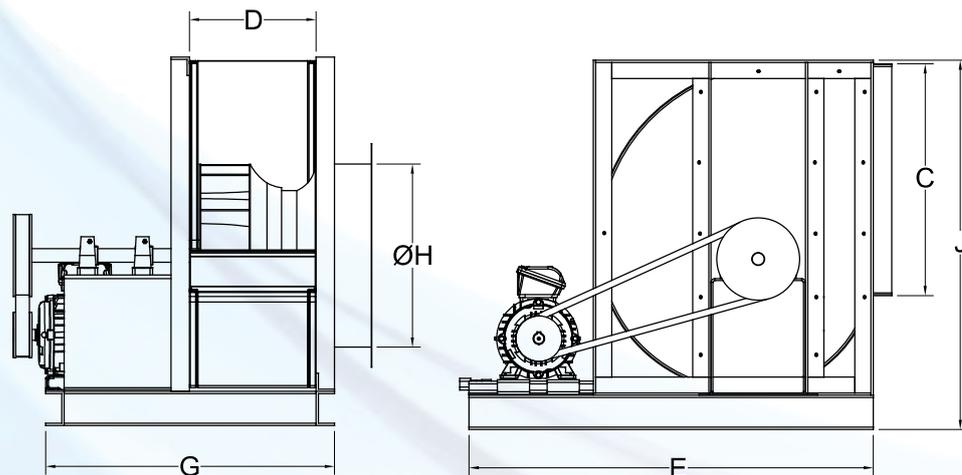
DIMENSIONS TABLE OF BACKWARD / AEROFOIL (SISW) SERIES



CENTRIFUGAL FAN (BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. (m/s) | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------------|------------|---------------------|------------|------|--------|--------|--------|--------|--------|--------|
| 1200 | 40 | SISW | 315 | 6.3 | 0.75 | 67.9 | 61 | 1880 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 50 | SISW | 315 | 6.3 | 0.75 | 67.9 | 64 | 2041 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 60 | SISW | 315 | 6.3 | 0.75 | 66.9 | 65 | 2193 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 70 | SISW | 315 | 6.3 | 1 | 66.9 | 66 | 2335 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 80 | SISW | 315 | 6.3 | 1 | 65.0 | 67 | 2468 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 90 | SISW | 315 | 6.3 | 1.5 | 64.0 | 68 | 2595 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 100 | SISW | 315 | 6.3 | 1.5 | 63.1 | 69 | 2715 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 110 | SISW | 315 | 6.3 | 1.5 | 61.1 | 70 | 2831 | 405 | 223 | 750 | 527 | 315 | 657 |
| 2000 | 120 | SISW | 315 | 6.3 | 2 | 60.1 | 71 | 2944 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 40 | SISW | 355 | 8.46 | 1 | 66.0 | 65 | 1854 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 50 | SISW | 355 | 8.46 | 1 | 67.9 | 66 | 1973 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 60 | SISW | 355 | 8.46 | 1.5 | 68.9 | 68 | 2086 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 70 | SISW | 355 | 8.46 | 1.5 | 69.8 | 69 | 2194 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 80 | SISW | 355 | 8.46 | 2 | 69.8 | 70 | 2298 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 90 | SISW | 355 | 8.46 | 2 | 69.8 | 71 | 2397 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 100 | SISW | 355 | 8.46 | 2 | 69.8 | 74 | 2495 | 452 | 247 | 810 | 535 | 355 | 728 |
| 3000 | 110 | SISW | 355 | 8.46 | 3 | 69.8 | 77 | 2589 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 120 | SISW | 355 | 8.46 | 3 | 69.8 | 78 | 2681 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 40 | SISW | 400 | 10.2 | 1.5 | 62.1 | 69 | 1827 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 50 | SISW | 400 | 10.2 | 2 | 66.0 | 70 | 1921 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 60 | SISW | 400 | 10.2 | 2 | 67.9 | 70 | 2011 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 70 | SISW | 400 | 10.2 | 3 | 69.8 | 71 | 2098 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 80 | SISW | 400 | 10.2 | 3 | 69.8 | 72 | 2184 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 90 | SISW | 400 | 10.2 | 3 | 70.8 | 74 | 2268 | 507 | 274 | 880 | 589 | 400 | 808 |
| 4000 | 100 | SISW | 400 | 10.2 | 3 | 70.8 | 74 | 2350 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 110 | SISW | 400 | 10.2 | 5 | 70.8 | 75 | 2430 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 120 | SISW | 400 | 10.2 | 5 | 70.8 | 75 | 2507 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 40 | SISW | 450 | 10.8 | 2 | 61.1 | 69 | 1638 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 50 | SISW | 450 | 10.8 | 3 | 65.0 | 70 | 1726 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 60 | SISW | 450 | 10.8 | 3 | 67.9 | 70 | 1807 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 70 | SISW | 450 | 10.8 | 3 | 68.9 | 71 | 1884 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 80 | SISW | 450 | 10.8 | 5 | 70.8 | 72 | 1958 | 568 | 306 | 955 | 667 | 450 | 900 |
| 4000 | 90 | SISW | 450 | 10.8 | 5 | 70.8 | 73 | 2030 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 100 | SISW | 450 | 10.8 | 5 | 71.8 | 73 | 2100 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 110 | SISW | 450 | 10.8 | 5 | 71.8 | 74 | 2169 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 120 | SISW | 450 | 10.8 | 5 | 71.8 | 74 | 2336 | 568 | 306 | 955 | 667 | 450 | 900 |

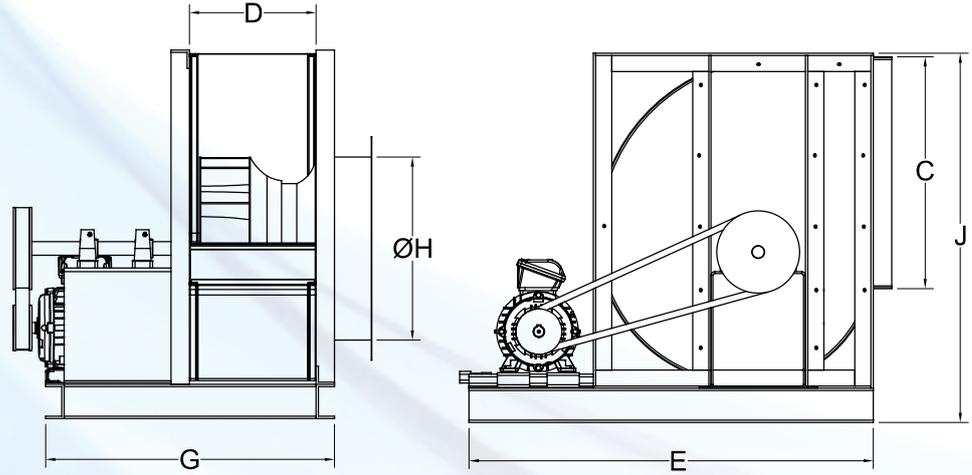
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------|------------|---------------------|------------|------|--------|--------|--------|--------|--------|--------|
| 5000 | 40 | SISW | 500 | 10.7 | 3 | 63.1 | 70 | 1466 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 50 | SISW | 500 | 10.7 | 3 | 66.0 | 70 | 1548 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 60 | SISW | 500 | 10.7 | 5 | 67.9 | 71 | 1622 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 70 | SISW | 500 | 10.7 | 5 | 68.9 | 72 | 1692 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 80 | SISW | 500 | 10.7 | 5 | 70.8 | 73 | 1759 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 90 | SISW | 500 | 10.7 | 5 | 71.8 | 73 | 1823 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 100 | SISW | 500 | 10.7 | 5 | 71.8 | 76 | 1884 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 110 | SISW | 500 | 10.7 | 7.5 | 72.8 | 79 | 1944 | 634 | 345 | 1098 | 741 | 500 | 989 |
| 6000 | 120 | SISW | 500 | 10.7 | 7.5 | 72.8 | 79 | 2003 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 40 | SISW | 560 | 10.36 | 3 | 65.0 | 70 | 1290 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 50 | SISW | 560 | 10.36 | 5 | 67.9 | 71 | 1360 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 60 | SISW | 560 | 10.36 | 5 | 69.8 | 72 | 1426 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 70 | SISW | 560 | 10.36 | 5 | 71.8 | 72 | 1489 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 80 | SISW | 560 | 10.36 | 5 | 72.8 | 73 | 1550 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 90 | SISW | 560 | 10.36 | 7.5 | 72.8 | 74 | 1609 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 100 | SISW | 560 | 10.36 | 7.5 | 73.7 | 74 | 1665 | 710 | 383 | 850 | 817 | 560 | 1098 |
| 7000 | 110 | SISW | 560 | 10.36 | 7.5 | 73.7 | 75 | 1722 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 120 | SISW | 560 | 10.36 | 7.5 | 73.7 | 75 | 1775 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 40 | SISW | 630 | 9.5 | 3 | 69.8 | 68 | 1077 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 50 | SISW | 630 | 9.5 | 5 | 72.8 | 68 | 1141 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 60 | SISW | 630 | 9.5 | 5 | 73.7 | 69 | 1201 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 70 | SISW | 630 | 9.5 | 5 | 74.7 | 70 | 1259 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 80 | SISW | 630 | 9.5 | 7.5 | 75.7 | 73 | 1315 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 90 | SISW | 630 | 9.5 | 7.5 | 75.7 | 74 | 1370 | 800 | 433 | 956 | 917 | 630 | 1225 |
| 8000 | 100 | SISW | 630 | 9.5 | 7.5 | 74.7 | 74 | 1423 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 110 | SISW | 630 | 9.5 | 7.5 | 74.7 | 75 | 1475 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 120 | SISW | 630 | 9.5 | 10 | 74.7 | 75 | 1524 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 40 | SISW | 710 | 8.8 | 5 | 72.8 | 67 | 922 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 50 | SISW | 710 | 8.8 | 5 | 74.7 | 68 | 982 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 60 | SISW | 710 | 8.8 | 5 | 75.7 | 69 | 1039 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| 9000 | 70 | SISW | 710 | 8.8 | 5 | 76.6 | 69 | 1094 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 80 | SISW | 710 | 8.8 | 7.5 | 76.6 | 70 | 1146 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 90 | SISW | 710 | 8.8 | 7.5 | 76.6 | 71 | 1197 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 100 | SISW | 710 | 8.8 | 7.5 | 75.7 | 72 | 1245 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 40 | SISW | 710 | 9.9 | 5 | 69.8 | 69 | 975 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| 9000 | 50 | SISW | 710 | 9.9 | 5 | 69.8 | 69 | 975 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 60 | SISW | 710 | 9.9 | 7.5 | 74.7 | 71 | 1088 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 70 | SISW | 710 | 9.9 | 7.5 | 75.7 | 72 | 1140 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 80 | SISW | 710 | 9.9 | 7.5 | 76.6 | 72 | 1190 | 896 | 479 | 1078 | 1009 | 710 | 1368 |

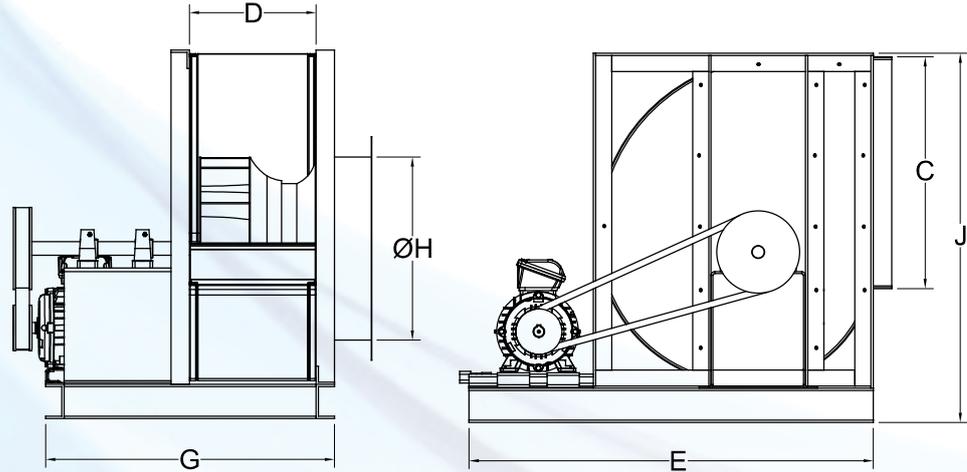
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CENTRIFUGAL FAN (BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------|------------|---------------------|------------|------|--------|--------|--------|--------|--------|--------|
| 10000 | 40 | SISW | 800 | 8.8 | 5 | 72.8 | 66 | 811 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 50 | SISW | 800 | 8.8 | 5 | 75.7 | 67 | 863 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 60 | SISW | 800 | 8.8 | 7.5 | 76.6 | 68 | 913 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 70 | SISW | 800 | 8.8 | 7.5 | 76.6 | 68 | 962 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 80 | SISW | 800 | 8.8 | 7.5 | 76.6 | 69 | 1009 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 90 | SISW | 800 | 8.8 | 10 | 76.6 | 70 | 1054 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| 12000 | 40 | SISW | 900 | 8.4 | 5 | 73.7 | 66 | 710 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 50 | SISW | 900 | 8.4 | 7.5 | 75.7 | 67 | 757 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 60 | SISW | 900 | 8.4 | 7.5 | 76.6 | 68 | 802 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 70 | SISW | 900 | 8.4 | 7.5 | 77.6 | 68 | 846 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 80 | SISW | 900 | 8.4 | 10 | 77.6 | 69 | 888 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 90 | SISW | 900 | 8.4 | 10 | 76.6 | 70 | 929 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| 14000 | 40 | SISW | 900 | 9.8 | 7.5 | 69.8 | 68 | 767 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 50 | SISW | 900 | 9.8 | 7.5 | 72.8 | 70 | 810 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 60 | SISW | 900 | 9.8 | 10 | 74.7 | 70 | 851 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 70 | SISW | 900 | 9.8 | 10 | 76.6 | 71 | 891 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 80 | SISW | 900 | 9.8 | 10 | 76.6 | 72 | 929 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 90 | SISW | 900 | 10.5 | 7.5 | 67.9 | 70 | 796 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| 15000 | 50 | SISW | 900 | 10.5 | 10 | 70.8 | 71 | 839 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 60 | SISW | 900 | 10.5 | 10 | 73.7 | 72 | 878 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 70 | SISW | 900 | 10.5 | 10 | 74.7 | 72 | 916 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 80 | SISW | 900 | 10.5 | 15 | 76.6 | 73 | 953 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 40 | SISW | 1000 | 9 | 7.5 | 73.7 | 67 | 659 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 50 | SISW | 1000 | 9 | 7.5 | 76.6 | 67 | 701 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| 16000 | 60 | SISW | 1000 | 9 | 10 | 77.6 | 68 | 741 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 70 | SISW | 1000 | 9 | 10 | 78.6 | 70 | 779 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 80 | SISW | 1000 | 9 | 15 | 78.6 | 70 | 817 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 90 | SISW | 1000 | 9 | 15 | 77.6 | 71 | 854 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 40 | SISW | 1000 | 10.12 | 7.5 | 70.2 | 68 | 698 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 50 | SISW | 1000 | 10.12 | 10 | 73.1 | 69 | 739 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| 18000 | 60 | SISW | 1000 | 10.12 | 10 | 75.6 | 69 | 777 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 70 | SISW | 1000 | 10.12 | 15 | 77.3 | 70 | 812 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 80 | SISW | 1000 | 10.12 | 15 | 78.2 | 71 | 847 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 40 | SISW | 1120 | 8.93 | 10 | 73.3 | 68 | 587 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| 20000 | 50 | SISW | 1120 | 8.93 | 10 | 76.0 | 69 | 623 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 60 | SISW | 1120 | 8.93 | 10 | 77.6 | 70 | 658 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 70 | SISW | 1120 | 8.93 | 15 | 78.3 | 71 | 692 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 80 | SISW | 1120 | 8.93 | 15 | 78.6 | 71 | 724 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 90 | SISW | 1120 | 8.93 | 20 | 78.5 | 72 | 756 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |

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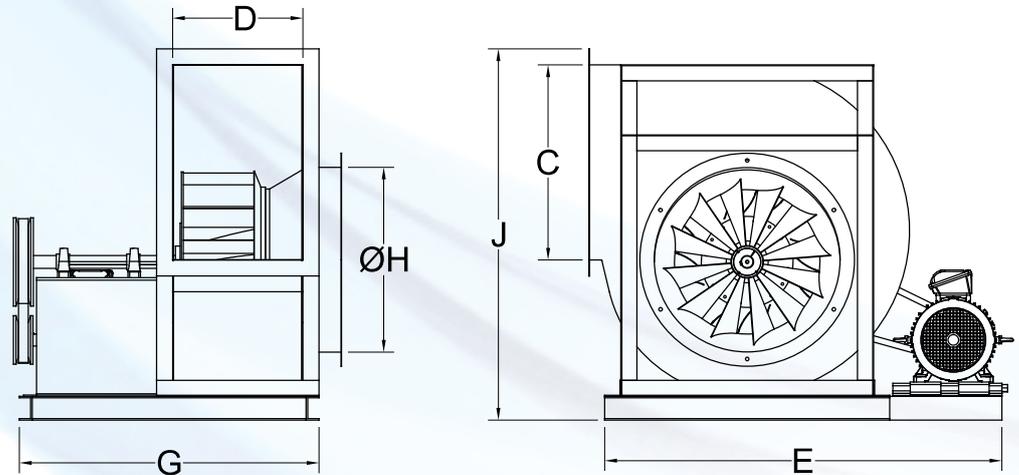


CENTRIFUGAL FAN (BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------|------------|---------------------|------------|------|--------|--------|--------|--------|--------|--------|
| 24000 | 40 | SISW | 1120 | 10.71 | 15 | 68.4 | 71 | 646 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 50 | SISW | 1120 | 10.71 | 15 | 71.5 | 72 | 681 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 60 | SISW | 1120 | 10.71 | 15 | 73.9 | 73 | 712 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 70 | SISW | 1120 | 10.71 | 15 | 75.7 | 74 | 742 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 80 | SISW | 1120 | 10.71 | 20 | 77.0 | 74 | 771 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| 27000 | 40 | SISW | 1250 | 10.4 | 15 | 69.8 | 71 | 577 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1250 | 10.4 | 15 | 72.8 | 72 | 609 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1250 | 10.4 | 20 | 75.7 | 72 | 639 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1250 | 10.4 | 20 | 76.6 | 73 | 667 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1250 | 10.4 | 20 | 77.6 | 74 | 694 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 30000 | 40 | SISW | 1400 | 8.45 | 15 | 76.6 | 67 | 448 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1400 | 8.45 | 15 | 78.6 | 68 | 477 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1400 | 8.45 | 20 | 79.5 | 70 | 505 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1400 | 8.45 | 20 | 79.5 | 70 | 533 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1400 | 8.45 | 20 | 79.5 | 71 | 560 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 90 | SISW | 1400 | 8.45 | 25 | 79.5 | 72 | 585 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 35000 | 40 | SISW | 1400 | 8.45 | 25 | 78.6 | 72 | 610 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 40 | SISW | 1400 | 9.86 | 15 | 72.8 | 69 | 483 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1400 | 9.86 | 20 | 75.7 | 72 | 511 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1400 | 9.86 | 20 | 77.6 | 72 | 536 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1400 | 9.86 | 25 | 78.6 | 73 | 561 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1400 | 9.86 | 25 | 79.5 | 74 | 586 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 40000 | 90 | SISW | 1400 | 9.86 | 30 | 79.5 | 74 | 609 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 100 | SISW | 1400 | 9.86 | 40 | 72.8 | 75 | 681 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 40 | SISW | 1400 | 11.27 | 20 | 68.9 | 73 | 519 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1400 | 11.27 | 25 | 71.8 | 74 | 547 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1400 | 11.27 | 25 | 74.7 | 75 | 571 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1400 | 11.27 | 30 | 76.6 | 75 | 594 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1400 | 11.27 | 30 | 77.6 | 76 | 617 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 90 | SISW | 1400 | 11.27 | 40 | 78.6 | 76 | 638 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 | |
| 100 | SISW | 1400 | 11.27 | 40 | 79.5 | 77 | 659 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 | |

NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE

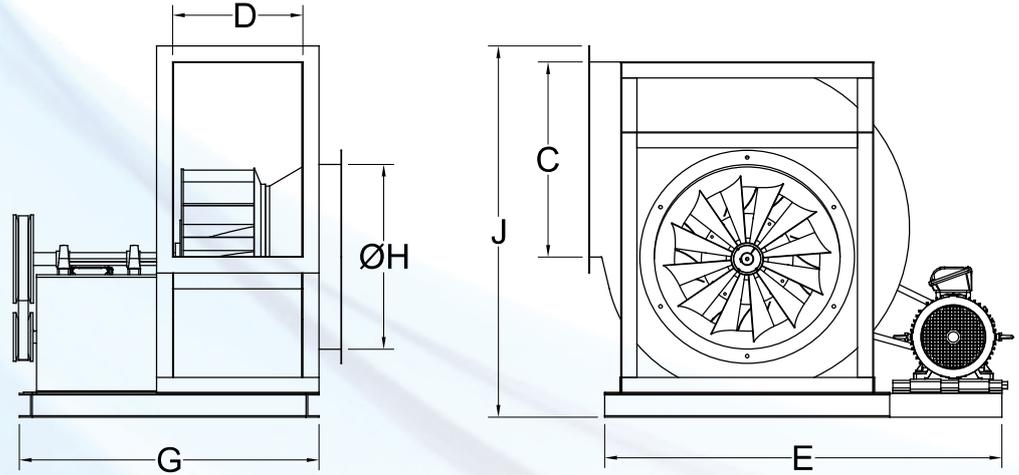
DIMENSIONS TABLE OF LIMIT LOAD FANS (SISW) SERIES



CENTRIFUGAL FAN (LIMIT LOAD FAN BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. (m/s) | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------------|------------|---------------------|------------|------|--------|--------|--------|--------|--------|--------|
| 1200 | 40 | SISW | 315 | 6.3 | 0.75 | 70 | 61 | 1880 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 50 | SISW | 315 | 6.3 | 0.75 | 70 | 64 | 2041 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 60 | SISW | 315 | 6.3 | 0.75 | 69 | 65 | 2193 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 70 | SISW | 315 | 6.3 | 1 | 69 | 66 | 2335 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 80 | SISW | 315 | 6.3 | 1 | 67 | 67 | 2468 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 90 | SISW | 315 | 6.3 | 1.5 | 66 | 68 | 2595 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 100 | SISW | 315 | 6.3 | 1.5 | 65 | 69 | 2715 | 405 | 223 | 750 | 527 | 315 | 657 |
| | 110 | SISW | 315 | 6.3 | 1.5 | 63 | 70 | 2831 | 405 | 223 | 750 | 527 | 315 | 657 |
| 2000 | 40 | SISW | 355 | 8.46 | 1 | 68 | 65 | 1854 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 50 | SISW | 355 | 8.46 | 1 | 70 | 66 | 1973 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 60 | SISW | 355 | 8.46 | 1.5 | 71 | 68 | 2086 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 70 | SISW | 355 | 8.46 | 1.5 | 72 | 69 | 2194 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 80 | SISW | 355 | 8.46 | 2 | 72 | 70 | 2298 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 90 | SISW | 355 | 8.46 | 2 | 72 | 71 | 2397 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 100 | SISW | 355 | 8.46 | 2 | 72 | 74 | 2495 | 452 | 247 | 810 | 535 | 355 | 728 |
| | 110 | SISW | 355 | 8.46 | 3 | 72 | 77 | 2589 | 452 | 247 | 810 | 535 | 355 | 728 |
| 3000 | 40 | SISW | 400 | 10.2 | 1.5 | 64 | 69 | 1827 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 50 | SISW | 400 | 10.2 | 2 | 68 | 70 | 1921 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 60 | SISW | 400 | 10.2 | 2 | 70 | 70 | 2011 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 70 | SISW | 400 | 10.2 | 3 | 72 | 71 | 2098 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 80 | SISW | 400 | 10.2 | 3 | 72 | 72 | 2184 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 90 | SISW | 400 | 10.2 | 3 | 73 | 74 | 2268 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 100 | SISW | 400 | 10.2 | 3 | 73 | 74 | 2350 | 507 | 274 | 880 | 589 | 400 | 808 |
| | 110 | SISW | 400 | 10.2 | 5 | 73 | 75 | 2430 | 507 | 274 | 880 | 589 | 400 | 808 |
| 4000 | 40 | SISW | 450 | 10.8 | 2 | 63 | 69 | 1638 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 50 | SISW | 450 | 10.8 | 3 | 67 | 70 | 1726 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 60 | SISW | 450 | 10.8 | 3 | 70 | 70 | 1807 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 70 | SISW | 450 | 10.8 | 3 | 71 | 71 | 1884 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 80 | SISW | 450 | 10.8 | 5 | 73 | 72 | 1958 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 90 | SISW | 450 | 10.8 | 5 | 73 | 73 | 2030 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 100 | SISW | 450 | 10.8 | 5 | 74 | 73 | 2100 | 568 | 306 | 955 | 667 | 450 | 900 |
| | 110 | SISW | 450 | 10.8 | 5 | 74 | 74 | 2169 | 568 | 306 | 955 | 667 | 450 | 900 |
| 120 | SISW | 450 | 10.8 | 5 | 74 | 74 | 2336 | 568 | 306 | 955 | 667 | 450 | 900 | |

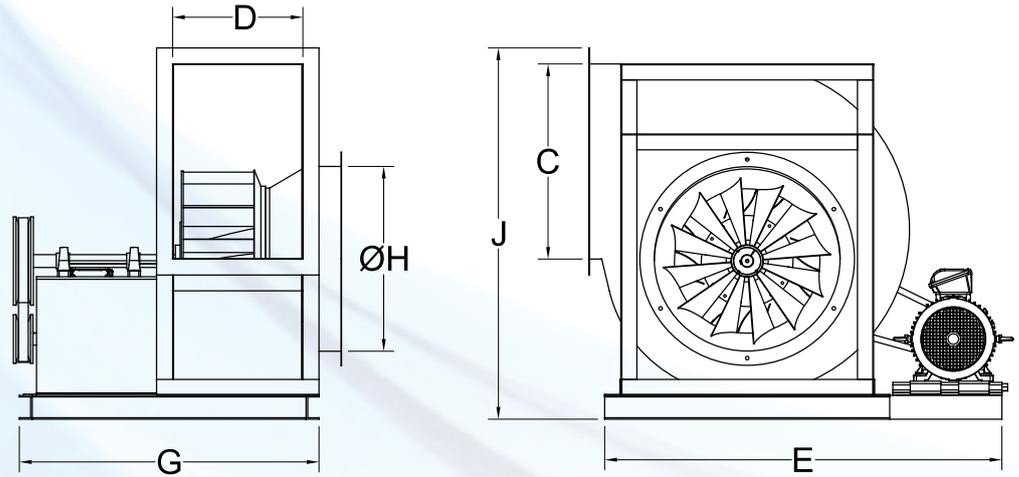
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (LIMIT LOAD FAN BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. (m/s) | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------------|------------|---------------------|------------|------|--------|--------|--------|--------|--------|--------|
| 5000 | 40 | SISW | 500 | 10.7 | 3 | 65 | 70 | 1466 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 50 | SISW | 500 | 10.7 | 3 | 68 | 70 | 1548 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 60 | SISW | 500 | 10.7 | 5 | 70 | 71 | 1622 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 70 | SISW | 500 | 10.7 | 5 | 71 | 72 | 1692 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 80 | SISW | 500 | 10.7 | 5 | 73 | 73 | 1759 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 90 | SISW | 500 | 10.7 | 5 | 74 | 73 | 1823 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 100 | SISW | 500 | 10.7 | 5 | 74 | 76 | 1884 | 634 | 345 | 1098 | 741 | 500 | 989 |
| | 110 | SISW | 500 | 10.7 | 7.5 | 75 | 79 | 1944 | 634 | 345 | 1098 | 741 | 500 | 989 |
| 120 | SISW | 500 | 10.7 | 7.5 | 75 | 79 | 2003 | 634 | 345 | 1098 | 741 | 500 | 989 | |
| 6000 | 40 | SISW | 560 | 10.36 | 3 | 67 | 70 | 1290 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 50 | SISW | 560 | 10.36 | 5 | 70 | 71 | 1360 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 60 | SISW | 560 | 10.36 | 5 | 72 | 72 | 1426 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 70 | SISW | 560 | 10.36 | 5 | 74 | 72 | 1489 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 80 | SISW | 560 | 10.36 | 5 | 75 | 73 | 1550 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 90 | SISW | 560 | 10.36 | 7.5 | 75 | 74 | 1609 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 100 | SISW | 560 | 10.36 | 7.5 | 76 | 74 | 1665 | 710 | 383 | 850 | 817 | 560 | 1098 |
| | 110 | SISW | 560 | 10.36 | 7.5 | 76 | 75 | 1722 | 710 | 383 | 850 | 817 | 560 | 1098 |
| 120 | SISW | 560 | 10.36 | 7.5 | 76 | 75 | 1775 | 710 | 383 | 850 | 817 | 560 | 1098 | |
| 7000 | 40 | SISW | 630 | 9.5 | 3 | 72 | 68 | 1077 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 50 | SISW | 630 | 9.5 | 5 | 75 | 68 | 1141 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 60 | SISW | 630 | 9.5 | 5 | 76 | 69 | 1201 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 70 | SISW | 630 | 9.5 | 5 | 77 | 70 | 1259 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 80 | SISW | 630 | 9.5 | 7.5 | 78 | 73 | 1315 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 90 | SISW | 630 | 9.5 | 7.5 | 78 | 74 | 1370 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 100 | SISW | 630 | 9.5 | 7.5 | 77 | 74 | 1423 | 800 | 433 | 956 | 917 | 630 | 1225 |
| | 110 | SISW | 630 | 9.5 | 7.5 | 77 | 75 | 1475 | 800 | 433 | 956 | 917 | 630 | 1225 |
| 120 | SISW | 630 | 9.5 | 10 | 77 | 75 | 1524 | 800 | 433 | 956 | 917 | 630 | 1225 | |
| 8000 | 40 | SISW | 710 | 8.8 | 5 | 75 | 67 | 922 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 50 | SISW | 710 | 8.8 | 5 | 77 | 68 | 982 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 60 | SISW | 710 | 8.8 | 5 | 78 | 69 | 1039 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 70 | SISW | 710 | 8.8 | 5 | 79 | 69 | 1094 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 80 | SISW | 710 | 8.8 | 7.5 | 79 | 70 | 1146 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 90 | SISW | 710 | 8.8 | 7.5 | 79 | 71 | 1197 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 100 | SISW | 710 | 8.8 | 7.5 | 78 | 72 | 1245 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| 9000 | 40 | SISW | 710 | 9.9 | 5 | 72 | 69 | 975 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 50 | SISW | 710 | 9.9 | 5 | 72 | 69 | 975 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 60 | SISW | 710 | 9.9 | 7.5 | 77 | 71 | 1088 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 70 | SISW | 710 | 9.9 | 7.5 | 78 | 72 | 1140 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| | 80 | SISW | 710 | 9.9 | 7.5 | 79 | 72 | 1190 | 896 | 479 | 1078 | 1009 | 710 | 1368 |
| 10000 | 40 | SISW | 800 | 8.8 | 5 | 75 | 66 | 811 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 50 | SISW | 800 | 8.8 | 5 | 78 | 67 | 863 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 60 | SISW | 800 | 8.8 | 7.5 | 79 | 68 | 913 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 70 | SISW | 800 | 8.8 | 7.5 | 79 | 68 | 962 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| | 80 | SISW | 800 | 8.8 | 7.5 | 79 | 69 | 1009 | 1006 | 533 | 1200 | 1117 | 800 | 1532 |
| 90 | SISW | 800 | 8.8 | 10 | 79 | 70 | 1054 | 1006 | 533 | 1200 | 1117 | 800 | 1532 | |

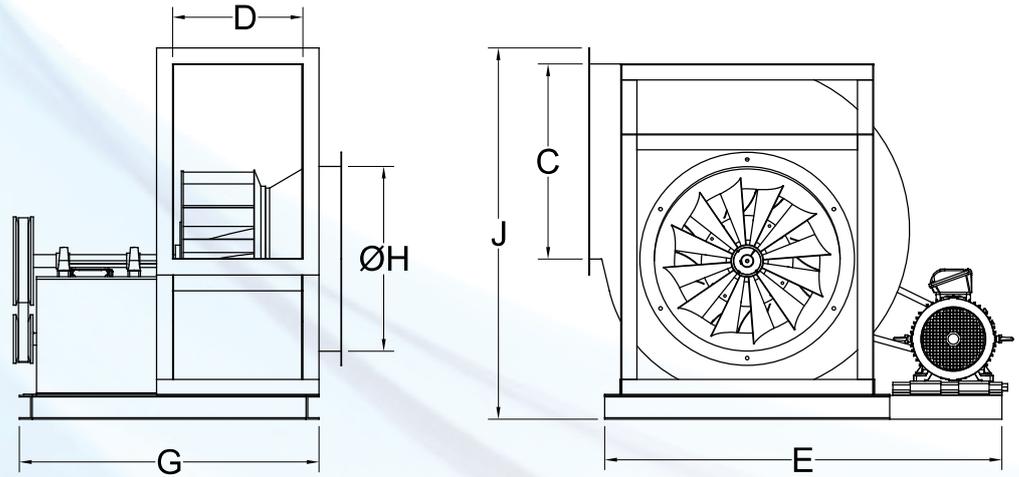
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



CENTRIFUGAL FAN (LIMIT LOAD FAN BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. (m/s) | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------------|------------|---------------------|------------|-----|--------|--------|--------|--------|--------|--------|
| 12000 | 40 | SISW | 900 | 8.4 | 5 | 76 | 66 | 710 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 50 | SISW | 900 | 8.4 | 7.5 | 78 | 67 | 757 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 60 | SISW | 900 | 8.4 | 7.5 | 79 | 68 | 802 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 70 | SISW | 900 | 8.4 | 7.5 | 80 | 68 | 846 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 80 | SISW | 900 | 8.4 | 10 | 80 | 69 | 888 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 90 | SISW | 900 | 8.4 | 10 | 79 | 70 | 929 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| 14000 | 40 | SISW | 900 | 9.8 | 7.5 | 72 | 68 | 767 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 50 | SISW | 900 | 9.8 | 7.5 | 75 | 70 | 810 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 60 | SISW | 900 | 9.8 | 10 | 77 | 70 | 851 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 70 | SISW | 900 | 9.8 | 10 | 79 | 71 | 891 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 80 | SISW | 900 | 9.8 | 10 | 79 | 72 | 929 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| 15000 | 40 | SISW | 900 | 10.5 | 7.5 | 70 | 70 | 796 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 50 | SISW | 900 | 10.5 | 10 | 73 | 71 | 839 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 60 | SISW | 900 | 10.5 | 10 | 76 | 72 | 878 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 70 | SISW | 900 | 10.5 | 10 | 77 | 72 | 916 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| 16000 | 80 | SISW | 900 | 10.5 | 15 | 79 | 73 | 953 | 1132 | 595 | 1362 | 1243 | 900 | 1715 |
| | 40 | SISW | 1000 | 9 | 7.5 | 76 | 67 | 659 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 50 | SISW | 1000 | 9 | 7.5 | 79 | 67 | 701 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 60 | SISW | 1000 | 9 | 10 | 80 | 68 | 741 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 70 | SISW | 1000 | 9 | 10 | 81 | 70 | 779 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| 18000 | 80 | SISW | 1000 | 9 | 15 | 81 | 70 | 817 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 90 | SISW | 1000 | 9 | 15 | 80 | 71 | 854 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 40 | SISW | 1000 | 10.12 | 7.5 | 72.4 | 68 | 698 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 50 | SISW | 1000 | 10.12 | 10 | 75.4 | 69 | 739 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 60 | SISW | 1000 | 10.12 | 10 | 77.9 | 69 | 777 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| 20000 | 70 | SISW | 1000 | 10.12 | 15 | 79.7 | 70 | 812 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 80 | SISW | 1000 | 10.12 | 15 | 80.6 | 71 | 847 | 1266 | 663 | 1442 | 1377 | 1000 | 1900 |
| | 40 | SISW | 1120 | 8.93 | 10 | 75.6 | 68 | 587 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 50 | SISW | 1120 | 8.93 | 10 | 78.4 | 69 | 623 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 60 | SISW | 1120 | 8.93 | 10 | 80 | 70 | 658 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| 24000 | 70 | SISW | 1120 | 8.93 | 15 | 80.7 | 71 | 692 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 80 | SISW | 1120 | 8.93 | 15 | 81 | 71 | 724 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 90 | SISW | 1120 | 8.93 | 20 | 80.9 | 72 | 756 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 40 | SISW | 1120 | 10.71 | 15 | 70.5 | 71 | 646 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 50 | SISW | 1120 | 10.71 | 15 | 73.7 | 72 | 681 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| 27000 | 60 | SISW | 1120 | 10.71 | 15 | 76.2 | 73 | 712 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 70 | SISW | 1120 | 10.71 | 15 | 78 | 74 | 742 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 80 | SISW | 1120 | 10.71 | 20 | 79.4 | 74 | 771 | 1422 | 744 | 1688 | 1554 | 1120 | 2135 |
| | 40 | SISW | 1250 | 10.4 | 15 | 72 | 71 | 577 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1250 | 10.4 | 15 | 75 | 72 | 609 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 27000 | 60 | SISW | 1250 | 10.4 | 20 | 78 | 72 | 639 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1250 | 10.4 | 20 | 79 | 73 | 667 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1250 | 10.4 | 20 | 80 | 74 | 694 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |

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CENTRIFUGAL FAN (LIMIT LOAD FAN BACKWARD CURVED)-SISW

| AIR VOLUME (CFM) | STATIC PRESSURE (mmwg) | FAN TYPE | FAN DIA (mm) | Unit Outlet Vel. (m/s) | MOTOR (HP) | TOTAL EFFICIENCY(%) | DB AT 3mtr | RPM | C (mm) | D (mm) | E (mm) | G (mm) | H (mm) | J (mm) |
|------------------|------------------------|----------|--------------|------------------------|------------|---------------------|------------|-----|--------|--------|--------|--------|--------|--------|
| 30000 | 40 | SISW | 1400 | 8.45 | 15 | 79 | 67 | 448 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1400 | 8.45 | 15 | 81 | 68 | 477 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1400 | 8.45 | 20 | 82 | 70 | 505 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1400 | 8.45 | 20 | 82 | 70 | 533 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1400 | 8.45 | 20 | 82 | 71 | 560 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 90 | SISW | 1400 | 8.45 | 25 | 82 | 72 | 585 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 35000 | 100 | SISW | 1400 | 8.45 | 25 | 81 | 72 | 610 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 40 | SISW | 1400 | 9.86 | 15 | 75 | 69 | 483 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1400 | 9.86 | 20 | 78 | 72 | 511 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1400 | 9.86 | 20 | 80 | 72 | 536 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1400 | 9.86 | 25 | 81 | 73 | 561 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 80 | SISW | 1400 | 9.86 | 25 | 82 | 74 | 586 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 40000 | 90 | SISW | 1400 | 9.86 | 30 | 82 | 74 | 609 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 100 | SISW | 1400 | 9.86 | 40 | 75 | 75 | 681 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 40 | SISW | 1400 | 11.27 | 20 | 71 | 73 | 519 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 50 | SISW | 1400 | 11.27 | 25 | 74 | 74 | 547 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 60 | SISW | 1400 | 11.27 | 25 | 77 | 75 | 571 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 70 | SISW | 1400 | 11.27 | 30 | 79 | 75 | 594 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| 40000 | 80 | SISW | 1400 | 11.27 | 30 | 80 | 76 | 617 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 90 | SISW | 1400 | 11.27 | 40 | 81 | 76 | 638 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |
| | 100 | SISW | 1400 | 11.27 | 40 | 82 | 77 | 659 | 1585 | 803 | 1887 | 1681 | 1250 | 2390 |

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The intention of this brochure is to introduce you to, and acquaint you with the capabilities of the HUMIDIN organization in the offered product areas. It will not answer all your immediate questions, and indeed, it will no doubt raise others. We welcome your interest in our products and shall be very pleased to provide further information.

GUARANTEES

HUMIDIN guarantees its products to be free of defects in materials and workmanship for a period of one year from the date of delivery from the factory, provided motors are properly installed with overload protector. Humidin agrees to repair or replace defective parts or part to be returned to the factory, all transportation charges prepaid. Humidin does not guarantee against abrasion, corrosion or erosion. Humidin shall not be held responsible for any charges in connection with the removal or replacement of alleged defective equipment nor for incidental consequential damages

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