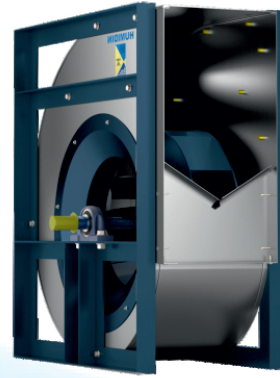


CENTRIFUGAL FAN (SISW)



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 key ways. The Shaft are grinded for better performance and finish. The Shafts are coated with Varnish/Laquer after assembly.

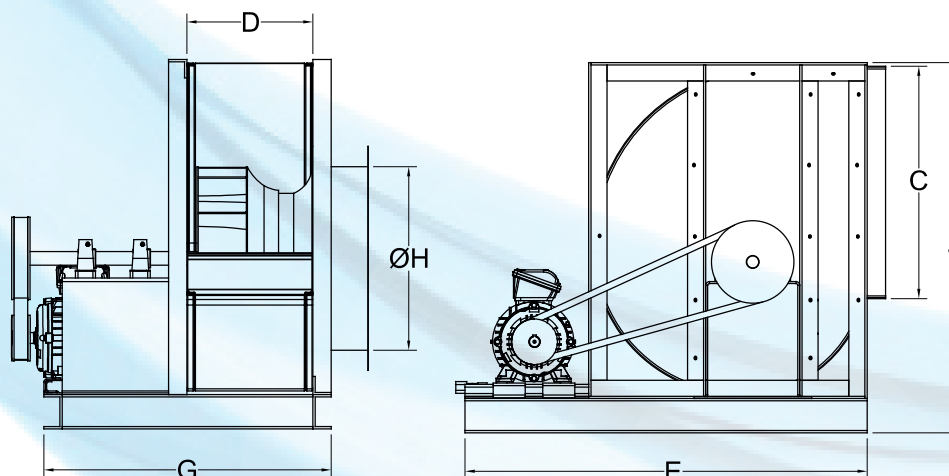
MATERIAL OF CONSTRUCTION:

- 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

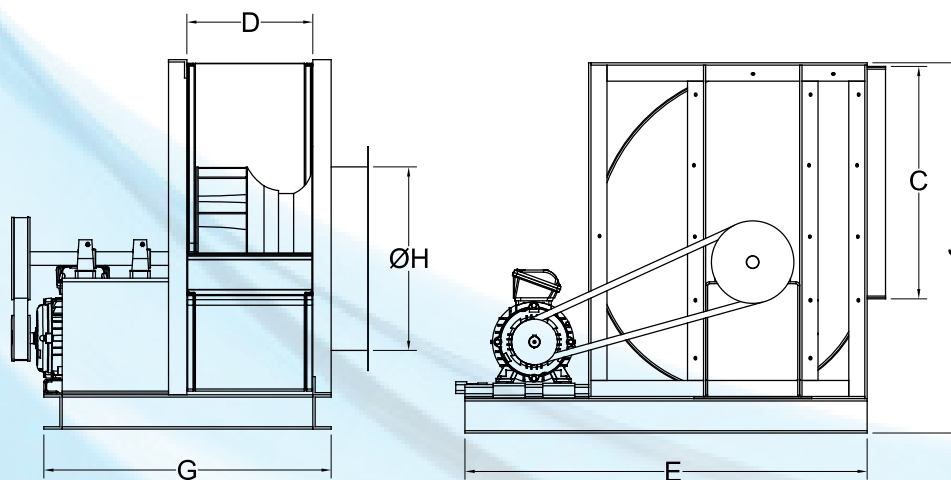
DIMENSIONS TABLE OF BACKWARD / AEROFOIL (SISW) SERIES



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

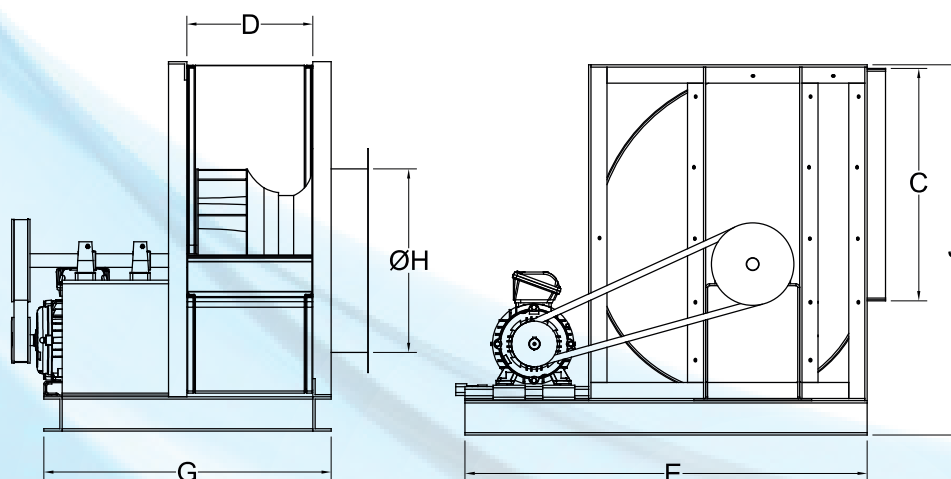
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



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
	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
9000	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
	50	SISW	710	9.9	5	69.8	69	975	896	479	1078	1009	710	1368
9000	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

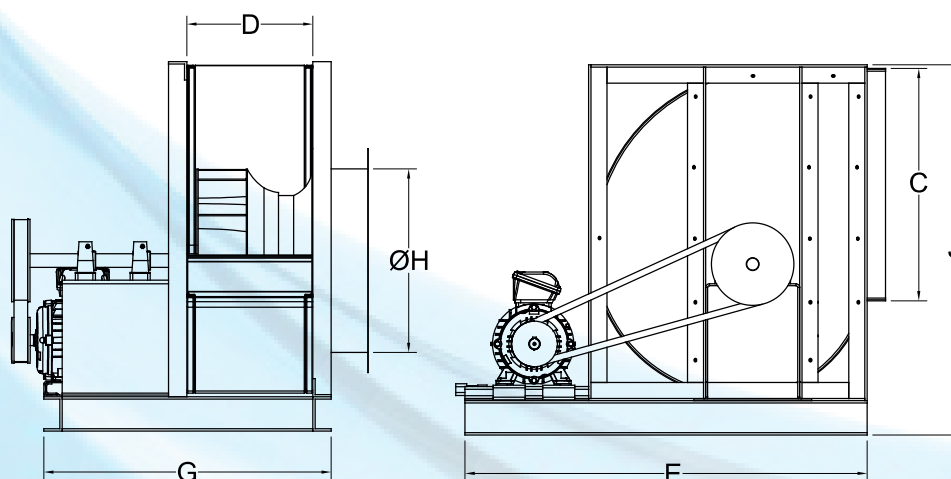
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



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)
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
12000	90	SISW	800	8.8	10	76.6	70	1054	1006	533	1200	1117	800	1532
	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
14000	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
	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
15000	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
	40	SISW	900	10.5	7.5	67.9	70	796	1132	595	1362	1243	900	1715
	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
16000	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
	60	SISW	1000	9	10	77.6	68	741	1266	663	1442	1377	1000	1900
18000	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
20000	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
	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

NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE

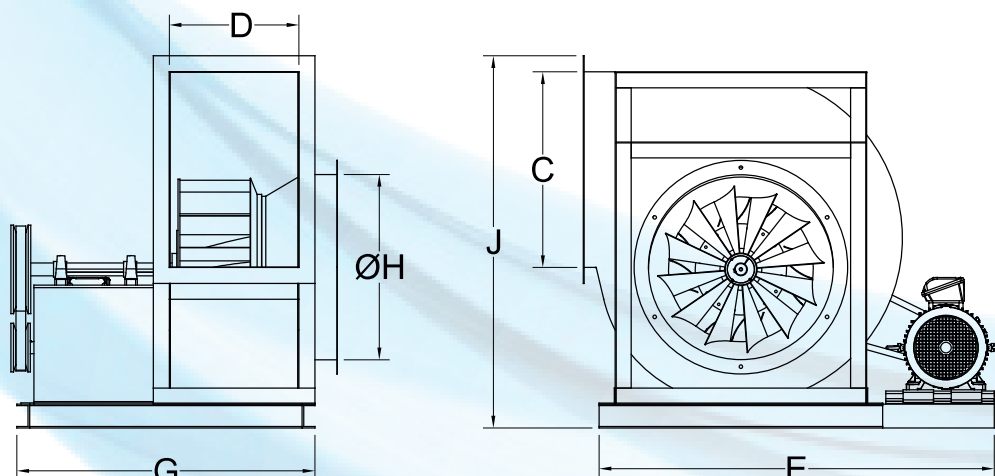


CENTRIFUGAL FAN (BACKWARD CURVED)-SISW

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)
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
	100	SISW	1400	8.45	25	78.6	72	610	1585	803	1887	1681	1250	2390
35000	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
	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
40000	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

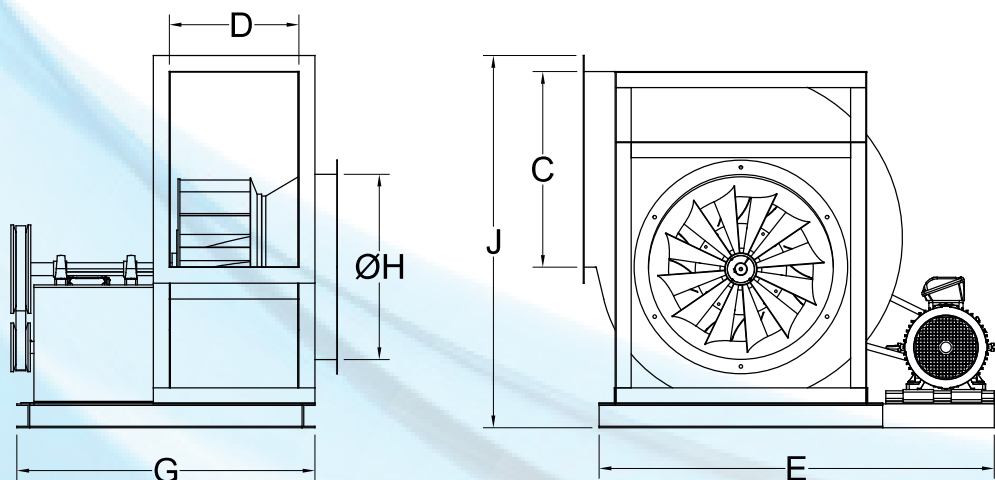
DIMENSIONS TABLE OF LIMIT LOAD FANS (SISW) SERIES



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	120	SISW	315	6.3	2	62	71	2944	405	223	750	527	315	657
	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
3000	110	SISW	355	8.46	3	72	77	2589	452	247	810	535	355	728
	120	SISW	355	8.46	3	72	78	2681	452	247	810	535	355	728
	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
4000	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
	120	SISW	400	10.2	5	73	75	2507	507	274	880	589	400	808
	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
4000	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

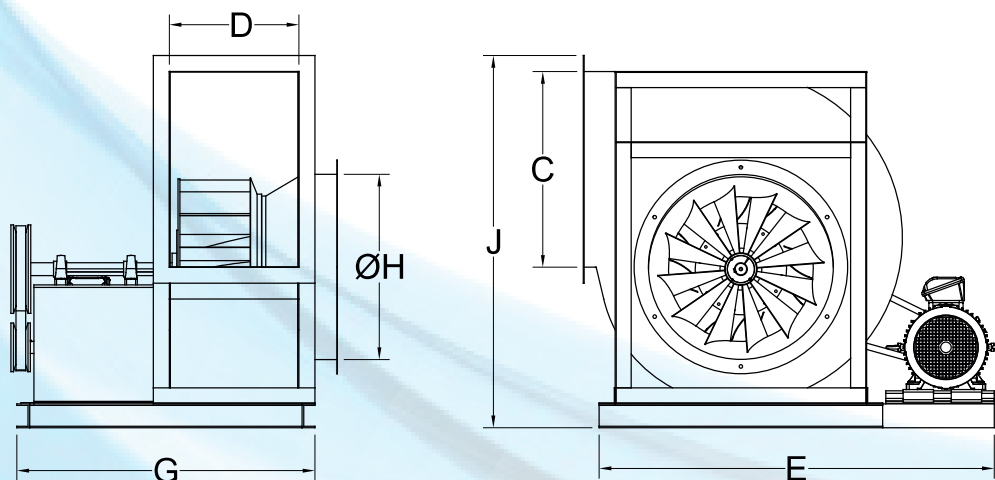
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE



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
6000	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
	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
7000	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
	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
8000	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
	40	SISW	710	8.8	5	75	67	922	896	479	1078	1009	710	1368
9000	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
	40	SISW	710	9.9	5	72	69	975	896	479	1078	1009	710	1368
10000	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
	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
10000	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

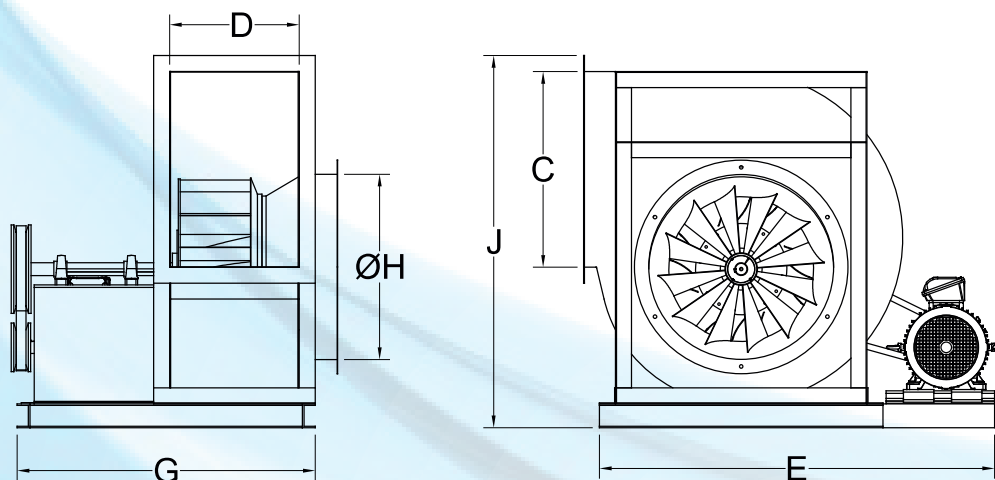
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CENTRIFUGAL FAN (LIMIT LOAD FAN BACKWARD CURVED)-SISW

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)
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
14000	90	SISW	900	8.4	10	79	70	929	1132	595	1362	1243	900	1715
	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
15000	80	SISW	900	9.8	10	79	72	929	1132	595	1362	1243	900	1715
	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
	100	SISW	1400	8.45	25	81	72	610	1585	803	1887	1681	1250	2390
35000	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
	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
40000	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
	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.

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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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