



CMD

Ventiladores centrífugos VENT-SET S&P

60,70,80,80,100,110,
120,130,140 y 160

Esta gama de ventiladores tipo doble entrada de aire y rotor de palas atrasadas, ha sido estructurada en 10 tamaños estándar, pudiendo cubrir con cada uno de ellos un amplio rango de aplicaciones en presión-caudal con la máxima eficiencia

- Facilidad de instalación y mantenimiento.
- Acabado para interiores e intemperie.
- Transmisión por poleas y bandas.
- Brida a la descarga.
- Puerta de inspección.
- Máxima robustez.

- * Accesorios opcionales.
- Manejadoras de aire para:
- Instalación de aire acondicionado en:
- Edificios públicos.
- Centros comerciales.
- Hoteles, hospitales, etc.
- Inspección de aire por cámara plena.





SELECCIÓN DE UN VENTILADOR CMD

A continuación encontrará las características de los 10 modelos **CMD DOBLE ENTRADA**, que abarcan una gran gama de caudal que va de 8000 CFM/13600 m³/h. hasta 151988 CFM/258380 m³/h. y presión de 0.25"/6.3 mm. a 3"/76.2 mm.

PARA LA SELECCIÓN DE SU VENTILADOR:

Localice el caudal deseado en la primera columna CFM/m³/h, cada modelo repite dos veces los caudales, pero con diferente presión; la primera columna solo llega a 1"/25.4 mm. y la segunda columna llega hasta 3"/76.2 mm., estas presiones se encuentran escritas en la parte superior de cada columna.

Una vez encontrado el caudal deseado, localice la presión requerida y en la intersección encontrará las RPM y HP adecuados para este consumo.

Si considera que las RPM y H P son muy altos se recomienda seleccionar un tamaño mayor.

EJEMPLO:

Requiriendo un caudal de 27712 CFM/47110 m³/h. y una presión de 1.75"/44.4 mmca; buscando en la columna de caudales en los modelos, el caudal requerido se encuentra en el CMD-80 la presión de 1.75"/44.4 mm ca. Se encuentra en la sección inferior de la tabla; haga coincidir vertical y horizontalmente las columnas y encontrara las RPM y el HP adecuado.

CMD-80

PRESION CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/ 6.30 mm		.376"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000/23800	1307	474	1.609	493	1.877	512	2.146	530	2.414	548	2.682	584	3.353
15714/26714	1467	523	2.146	540	2.414	557	2.682	574	3.084	590	3.353	623	4.023
17428/29628	1627	573	2.816	588	3.084	604	3.487	619	3.755	634	4.157	664	4.828
19142/32541	1787	624	3.621	638	3.889	652	4.291	666	4.559	679	4.952	707	5.766
20856/35455	1947	675	4.425	688	4.228	701	5.23	713	5.632	726	6.035	751	6.839
22570/38369	2107	726	5.498	738	5.900	750	6.303	762	6.705	774	7.107	797	8.046
24284/41283	2267	778	6.839	789	7.241	800	7.644	811	8.046	822	8.448	844	9.387
25998/44197	2427	829	8.180	840	8.582	850	9.119	861	9.521	871	10.058	892	10.996
27712/47110	2587	881	9.789	891	10.326	901	10.628	911	11.264	921	11.667	940	12.740
29426/50024	2742	934	11.533	943	12.069	952	12.605	961	13.142	971	13.678	989	14.751
31140/52938	2907	986	13.378	995	14.081	1003	14.617	1012	15.287	1021	15.824	1038	16.897
32854/55852	3067	1038	15.824	1047	16.360	1055	17.031	1063	17.567	1071	18.103	1088	19.310
34568/58766	3227	1091	18.372	1099	18.908	1107	19.579	1114	20.115	1122	20.185	1138	21.992
36282/61679	3387	1143	21.054	1151	21.724	1158	22.395	1166	22.931	1173	23.602	1188	24.808
37996/64593	3548	1196	24.138	1203	24.808	1210	25.345	1218	26.015	1225	26.686	1239	28.027
PRESION CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.25"/31.7mm		1.5"/38.7 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000/23800	1307	609	4.023	653	4.0559	686	5.364	719	6.035	782	7.510	843	8.985
15714/26714	1467	654	4.694	686	5.364	716	6.169	746	6.839	805	8.448	861	10.058
17428/29628	1627	693	5.498	722	6.303	750	7.107	778	7.778	832	9.521	885	11.264
19142/32541	1787	734	6.437	760	7.241	786	8.046	812	8.985	863	10.728	912	12.471
20856/35455	1947	776	7.644	801	8.448	825	9.2353	849	10.192	897	12.069	943	13.946
22570/38369	2107	821	8.851	844	9.789	866	10.728	889	11.667	933	13.544	977	15.556
24284/41283	2267	866	10.326	887	11.264	909	12.203	930	13.142	972	15.287	1013	17.299
25998/44197	2427	912	11.935	939	12.874	953	13.946	972	15.019	1012	17.031	1051	19.310
27712/47110	2587	959	13.678	978	14.751	997	15.824	1016	16.897	1054	19.176	1090	21.456
29426/50024	2742	1007	15.824	1025	16.897	1043	16.969	1061	19.042	1096	21.456	1131	23.736
31140/52938	2907	1055	17.969	1073	19.176	1090	20.249	1107	21.456	1140	23.870	1174	26.418
32854/55852	3067	1104	20.517	1121	21.590	1137	22.979	1153	24.138	1185	26.552	1217	29.234
34568/58766	3227	1154	23.099	1169	24.406	1185	26.613	1200	26.954	1231	29.502		
36282/61679	3387	1203	26.149	1218	27.491	1233	28.697						
37996/64593	3548												

Las tablas de selección indican la potencia requerida del ventilador sin incluir las pérdidas por transmisión; la cual es la variable de acuerdo a los HP de cada ventilador, pudiendo ser una máxima de 30% para potencias pequeñas y un 7% para potencias mayores de 15 HP En caso de alguna duda, favor de llamar a nuestra oficina Técnica S&P.

NOTA: Todas las características de caudal, presión, RPM y HP están consideradas a nivel del mar y temperatura a 20 °C aire limpio.



CMD-60



PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000/13600	1323													833	2.28
8928/15178	1476											833	2.28	877	2.682
9856/16755	1630					800	1.877	821	2.146	843	2.28	885	2.682	925	3.218
10784/18333	1783	819	1.877	839	2.146	859	2.28	879	2.548	899	2.682	938	3.218	976	3.621
11712/19910	1937	882	2.28	901	2.548	920	2.816	939	3.084	957	3.218	993	3.755	1029	4.291
12640/21488	2090	946	2.816	964	3.084	982	3.353	999	3.621	1016	3.889	1050	4.425	1083	4.828
13568/23066	2244	1011	3.487	1028	3.755	1044	4.023	1060	4.291	1076	4.559	1108	5.096	1139	5.632
14496/24643	2397	1076	4.157	1091	4.425	1107	4.694	1122	4.962	1137	5.23	1167	5.9	1197	6.437
15424/26221	2551	1141	4.962	1156	5.23	1170	5.498	1184	5.766	1199	6.169	1227	6.705	1255	7.376
16352/27798	2704	1206	5.766	1220	6.169	1234	6.437	1247	6.705	1261	7.107	1288	7.644	1314	8.314
17280/29376	2858	1272	6.839	1285	7.107	1298	7.376	1311	7.778	1323	8.046	1349	8.717	1374	9.387
18208/30954	3011			1350	8.18	1368	8.582	1374	8.851	1387	9.253	1411	9.923	1435	10.594
19136/32531	3165			1415	9.387	1427	9.789	1438	10.058	1450	10.46	1473	11.264	1496	11.935
20064/34109	3318			1480	10.728	1491	11.13	1503	11.533	1514	11.801	1536	12.605	1558	13.41
20992/35686	3472							1567	13.008	1578	13.41	1599	14.081	1620	14.885
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000/13600	1323	879	2.682	923	3.084	967	3.487	1050	4.291	1129	5.23	1205	6.03		
8928/15178	1476	920	3.984	962	3.621	1002	4.023	1080	4.962	1155	5.766	1228	6.84	1297	7.78
9856/16755	1630	965	3.621	1004	4.023	1042	4.559	1115	5.498	1186	6.437	1255	7.51	1321	8.58
10784/18333	1783	1013	4.157	1049	4.694	1085	5.096	1154	6.169	1221	7.241	1287	8.31	1350	9.39
11712/19910	1937	1063	4.694	1098	5.23	1131	5.766	1197	6.839	1260	8.046	1323	9.12	1383	10.33
12640/21488	2090	1116	5.364	1148	6.035	1180	6.571	1242	7.644	1302	8.851	1362	10.06	1419	11.26
13568/23066	2244	1170	6.169	1201	6.705	1231	7.376	1289	8.582	1347	9.789	1403	11.13	1458	12.34
14496/24643	2397	1226	6.973	1255	7.644	1283	8.314	1339	9.521	1393	10.862	1448	12.2	1500	13.54
15424/26221	2551	1283	7.912	1310	8.582	1337	9.253	1390	10.594	1442	11.935	1494	13.28	1544	14.75
16352/27798	2704	1340	8.985	1366	9.655	1392	10.326	1443	11.667	1493	13.142	1542	14.62	1590	16.09
17280/29376	2858	1399	10.058	1424	10.862	1449	11.533	1497	13.008	1545	14.483	1592	15.96	1638	17.43
18208/30954	3011	1459	11.399	1482	12.069	1506	12.874	1552	14.349	1598	15.824	1643	17.43		
19136/32531	3165	1519	12.74	1542	13.41	1564	14.215	1608	15.824						
20064/34109	3318	1580	14.215	1601	15.019	1623	15.69								
20992/35686	3472	1641	15.824												



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9500/16150	1091														
10964/18639	1259													710	3.084
12428/21128	1427											718	3.218	755	3.755
13892/23616	1595					702	2.682	719	2.95	736	3.218	770	3.889	803	4.425
15356/26105	1764	730	2.816	746	3.084	762	3.353	778	3.755	794	4.023	824	4.559	855	5.23
16820/28594	1932	794	3.621	809	3.889	823	4.291	838	4.559	852	4.828	881	5.498	909	6.169
18284/31083	2100	858	4.559	872	4.828	885	5.23	899	5.498	912	5.9	938	6.571	964	7.241
19748/33572	2268	923	5.632	935	5.9	948	6.303	960	6.705	973	6.973	997	7.778	1022	8.582
21212/36060	2436	987	6.839	999	7.241	1011	7.644	1022	7.912	1034	8.314	1057	9.119	1080	9.923
22676/38549	2604			1063	8.582	1074	8.985	1085	9.387	1096	9.789	1118	10.728	1139	11.533
24140/41038	2772			1128	10.192	1138	10.728	1149	11.13	1159	11.533	1179	12.471	1199	13.276
25604/43527	2941			1193	12.069	1202	12.471	1212	13.008	1222	13.41	1241	14.349	1260	15.287
27068/46016	3109					1267	14.483	1276	15.019	1285	15.556	1304	16.494	1322	17.433
28532/48504	3277					1332	16.763	1340	17.299	1349	17.835	1366	18.908	1384	19.847
29996/50993	3445					1396	19.31	1405	19.847	1413	20.383				
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9500/16150	1091	713	3.084	755	3.621	795	4.023	872	5.096	946	6.169				
10964/18639	1259	749	3.621	787	4.157	824	4.694	895	5.9	963	7.107	1029	8.31		
12428/21128	1427	790	4.291	825	4.828	859	5.498	925	6.705	988	7.912	1050	9.25	1110	10.73
13892/23616	1595	836	4.962	868	5.632	899	6.303	960	7.644	1019	8.985	1077	10.46	1133	11.93
15356/26105	1764	885	5.9	914	6.571	943	7.241	1000	8.582	1055	10.058	1110	11.67	1162	13.14
16820/28594	1932	936	6.839	964	7.644	991	8.314	1044	9.789	1095	11.539	1147	13.01	1196	14.62
18284/31083	2100	990	8.046	1016	8.716	1041	9.521	1090	11.13	1139	12.74	1187	14.48	1234	16.23
19748/33572	2268	1046	9.253	1069	10.058	1093	10.862	1140	12.605	1185	14.349	1231	16.09	1275	17.84
21212/36060	2436	1103	10.728	1125	11.667	1147	12.471	1191	14.215	1234	15.958	1278	17.84	1319	19.71
22676/38549	2604	1161	12.337	1182	13.276	1203	14.215	1244	15.958	1285	17.835	1326	19.85	1366	21.86
24140/41038	2772	1220	14.215	1239	15.153	1259	16.092	1299	17.969	1337	19.981	1377	21.99	1414	24.14
25604/43527	2941	1279	16.226	1298	17.165	1317	18.238	1354	20.249	1391	22.261				
27068/46016	3109	1340	18.506	1358	19.445	1376	20.517	1411	22.663						
28532/48504	3277	1401	20.92												
29996/50993	3445														



CMD-80



PRESION CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/ 6.30 mm		.376"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000/23800	1307	474	1.609	493	1.877	512	2.146	530	2.414	548	2.682	584	3.353
15714/26714	1467	523	2.146	540	2.414	557	2.682	574	3.084	590	3.353	623	4.023
17428/29628	1627	573	2.816	588	3.084	604	3.487	619	3.755	634	4.157	664	4.828
19142/32541	1787	624	3.621	638	3.889	652	4.291	666	4.559	679	4.952	707	5.766
20856/35455	1947	675	4.425	688	4.228	701	5.23	713	5.632	726	6.035	751	6.839
22570/38369	2107	726	5.498	738	5.900	750	6.303	762	6.705	774	7.107	797	8.046
24284/41283	2267	778	6.839	789	7.241	800	7.644	811	8.046	822	8.448	844	9.387
25998/44197	2427	829	8.180	840	8.582	850	9.119	861	9.521	871	10.058	892	10.996
27712/47110	2587	881	9.789	891	10.326	901	10.628	911	11.264	921	11.667	940	12.740
29426/50024	2742	934	11.533	943	12.069	952	12.605	961	13.142	971	13.678	989	14.751
31140/52938	2907	986	13.378	995	14.081	1003	14.617	1012	15.287	1021	15.824	1038	16.897
32854/55852	3067	1038	15.824	1047	16.360	1055	17.031	1063	17.567	1071	18.103	1088	19.310
34568/58766	3227	1091	18.372	1099	18.908	1107	19.579	1114	20.115	1122	20.185	1138	21.992
36282/61679	3387	1143	21.054	1151	21.724	1158	22.395	1166	22.931	1173	23.602	1188	24.808
37996/64593	3548	1196	24.138	1203	24.808	1210	25.345	1218	26.015	1225	26.686	1239	28.027
PRESION CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.25"/31.7mm		1.5"/38.7 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000/23800	1307	609	4.023	653	4.0559	686	5.364	719	6.035	782	7.510	843	8.985
15714/26714	1467	654	4.694	686	5.364	716	6.169	746	6.839	805	8.448	861	10.058
17428/29628	1627	693	5.498	722	6.303	750	7.107	778	7.778	832	9.521	885	11.264
19142/32541	1787	734	6.437	760	7.241	786	8.046	812	8.985	863	10.728	912	12.471
20856/35455	1947	776	7.644	801	8.448	825	9.2353	849	10.192	897	12.069	943	13.946
22570/38369	2107	821	8.851	844	9.789	866	10.728	889	11.667	933	13.544	977	15.556
24284/41283	2267	866	10.326	887	11.264	909	12.203	930	13.142	972	15.287	1013	17.299
25998/44197	2427	912	11.935	939	12.874	953	13.946	972	15.019	1012	17.031	1051	19.310
27712/47110	2587	959	13.678	978	14.751	997	15.824	1016	16.897	1054	19.176	1090	21.456
29426/50024	2742	1007	15.824	1025	16.897	1043	16.969	1061	19.042	1096	21.456	1131	23.736
31140/52938	2907	1055	17.969	1073	19.176	1090	20.249	1107	21.456	1140	23.870	1174	26.418
32854/55852	3067	1104	20.517	1121	21.590	1137	22.979	1153	24.138	1185	26.552	1217	29.234
34568/58766	3227	1154	23.099	1169	24.406	1185	26.613	1200	26.954	1231	29.502		
36282/61679	3387	1203	26.149	1218	27.491	1233	28.697						
37996/64593	3548												



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17000/28900	1261														
19142/32541	1420														
21284/36183	1578													602	6.571
23426/39824	1737											609	6.705	635	7.644
25568/43466	1896							609	6.303	622	6.839	647	7.912	671	8.985
27710/47107	2055	614	5.9	626	6.437	638	6.973	650	7.51	662	8.046	685	9.119	708	10.326
29852/50748	2214	658	7.241	669	7.778	680	8.314	691	8.851	702	9.521	724	10.728	746	11.935
31994/54390	2373	702	8.717	713	9.253	723	9.923	733	10.46	744	11.13	764	12.337	784	13.678
34136/58031	2531	746	10.326	756	10.996	766	11.667	776	12.337	786	13.008	805	14.349	824	15.69
36278/61673	2690	791	12.203	800	12.874	809	13.544	819	14.349	828	15.019	846	16.36	864	17.835
38420/65314	2849	835	14.349	844	15.019	853	15.824	862	16.494	870	17.229	888	18.774	905	20.249
40562/68955	3008	880	16.763	888	17.433	897	18.238	905	19.042	913	19.847	930	21.322	946	22.931
42704/75597	3167	925	19.31	933	20.115	941	20.92	949	21.724	956	22.529	972	24.272	988	25.881
44846/76238	3326			977	23.065	985	23.088	992	24.808	1000	25.613	1015	27.356	1030	29.1
46988/79880	3485			1022	26.284	1029	27.088	1036	28.027	1043	28.966	1058	30.709	1072	32.586
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17000/28900	1261			602	6.437	631	7.241	607	8.985	740	10.728				
19142/32541	1420			627	7.376	655	8.314	707	10.326	757	12.203	806	14.21		
21284/36183	1578	629	7.51	655	8.582	681	9.521	730	11.667	778	13.678	824	15.82	868	18.1
23426/39824	1737	661	8.717	685	9.789	710	10.862	757	13.142	802	15.287	845	17.7	887	19.98
25568/43466	1896	695	10.058	718	11.13	741	12.337	785	14.751	828	17.165	869	19.58	909	22.13
27710/47107	2055	730	11.533	752	12.74	773	13.946	815	16.494	856	19.042	896	21.72	934	24.27
29852/50748	2214	767	13.142	787	14.483	807	15.69	847	18.372	886	21.054	924	23.87	960	26.69
31994/54390	2373	804	15.019	824	16.36	843	17.701	881	20.517	917	23.333	954	26.28	989	29.23
34136/58031	2531	843	17.031	861	18.506	879	19.981	915	22.797	950	25.881	985	28.97	1019	32.05
36278/61673	2690	882	19.31	899	20.785	917	22.395	951	25.345	985	28.563	1018	31.78	1050	35
38420/65314	2849	922	21.858	939	23.333	955	24.943	988	28.161	1020	31.514	1052	34.87	1083	38.22
40562/68955	3008	962	24.54	978	26.149	994	27.893	1025	31.245	1056	34.598	1087	38.08		
42704/75597	3167	1003	27.625	1018	29.234	1033	30.977	1063	34.464	1093	38.084				
44846/76238	3326	1044	30.843	1059	32.586	1074	34.464								
46988/79880	3485	1086	34.33												



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23000/39100	1316													503	6.571
25535/43409	1461											505	6.571	530	7.644
28070/47719	1606									512	6.571	535	7.778	559	8.985
30605/52029	1751			511	6.169	523	6.705	534	7.376	545	7.912	567	9.119	589	10.326
33140/56338	1896	537	6.839	548	7.51	559	8.18	569	8.717	580	9.387	600	10.728	621	11.935
35675/60647	2041	575	8.448	585	9.119	595	9.655	605	10.326	615	10.996	634	12.471	653	13.812
38210/64957	2187	613	10.192	623	10.862	632	11.533	641	12.203	650	12.874	669	14.349	687	15.824
40745/69266	2332	652	12.069	660	12.874	669	13.544	678	14.349	687	15.019	704	16.628	721	18.103
43280/73576	2477	690	14.349	698	15.019	707	15.824	715	16.628	723	17.433	739	19.042	755	20.651
45815/77885	2622			736	17.567	744	18.372	752	19.176	760	20.115	775	21.724	791	23.468
48350/82195	2767			775	20.383	782	21.188	790	22.127	797	22.931	812	24.808	826	26.552
50885/86505	2912			813	23.468	820	24.272	828	25.211	834	26.149	848	28.027	862	29.904
53420/90814	3057			851	26.82	858	27.759	865	28.697	872	29.636	885	31.648	898	33.659
55955/95124	3202					896	31.514	903	32.586	909	33.525	922	35.536	935	37.682
58490/99433	3347					935	35.671	941	36.609	947	37.682	959	39.828	972	41.973
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23000/39100	1316	529	7.644	555	8.717	580	9.789	628	12.069	674	14.483				
25535/43409	1461	554	8.851	578	9.923	602	11.13	647	13.544	690	16.092	733	18.77		
28070/47719	1606	582	10.192	604	11.399	626	12.605	668	15.287	709	17.969	750	20.79	788	23.6
30605/52029	1751	610	11.667	631	13.008	652	14.349	692	17.031	731	19.981	769	22.93	806	25.88
33140/56338	1896	641	13.41	660	14.751	680	16.226	718	19.042	754	22.127	791	25.21	826	28.43
35675/60647	2041	672	15.287	691	16.763	709	18.238	745	21.322	780	24.54	814	27.76	848	31.11
38210/64957	2187	704	17.433	722	18.908	739	20.517	773	23.736	806	27.088	839	30.44	871	33.93
40745/69266	2332	738	19.713	754	21.322	771	23.065	803	26.418	834	29.904	866	33.53	896	37.15
43280/73576	2477	771	22.395	787	24.138	803	25.747	833	29.368	864	32.989	894	36.74	923	40.5
45815/77885	2622	806	25.211	821	27.088	837	28.832	865	32.586	894	36.341	923	40.23	950	44.12
48350/82195	2767	840	28.429	855	30.307	869	32.184	897	36.073	925	39.962	952	43.98	979	48.14
50885/86505	2912	876	31.916	889	33.793	903	35.805	930	39.828	956	43.851	983	48.01		
53420/90814	3057	911	35.671	924	37.682	937	39.694	963	43.851	988	48.142				
55955/95124	3202	947	39.694	960	41.839	972	43.985								
58490/99433	3347	984	44.119												



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
29000/49302	1376														
32428/55128	1539														
35856/60955	1702											507	10.46	527	12.069
39284/66783	1864					500	9.119	510	9.923	520	10.728	540	12.337	559	14.081
42712/72610	2027	518	9.387	528	10.326	537	11.13	547	11.935	556	12.874	574	14.617	592	16.36
46140/78438	2190	557	11.533	566	12.471	574	13.41	583	14.349	592	15.287	609	17.165	626	19.042
49568/84266	2353	596	14.081	604	15.019	612	15.958	620	17.031	628	17.969	644	19.981	660	21.992
52996/90093	2515	635	16.897	642	17.96	650	18.908	658	19.981	665	21.054	680	23.199	695	25.345
56024/95921	2659	674	20.115	681	21.188	688	22.261	696	23.468	703	24.54	717	26.82	731	29.1
59852/101748	2841	713	23.736	720	24.808	727	26.015	734	27.222	740	28.429	754	30.709	767	33.123
63280/107576	3003	752	27.759	759	28.966	765	30.173	772	31.379	778	32.72	791	35.134	804	37.682
66708/113404	3166	792	32.184	798	33.525	804	34.732	810	36.073	816	37.414	829	39.962	841	42.644
70136/119231	3329	831	37.146	837	38.487	843	39.828	849	41.169	855	42.51	866	45.326	878	48.142
73564/125059	3491	871	42.644	876	43.985	882	45.46	888	46.801	893	48.276				
76992/130886	3654														
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
29000/49302	1376			514	11.264	535	12.74	577	15.556	616	18.372				
32428/55128	1539	518	11.667	539	13.142	559	14.617	598	17.701	636	20.92	672	24.14	706	27.36
35856/60955	1702	547	13.544	567	15.153	586	16.897	623	20.249	658	23.602	692	27.09	725	30.57
39284/66783	1864	578	15.824	596	17.567	614	19.31	649	22.931	682	26.552	715	30.31	746	34.06
42712/72610	2027	609	18.238	627	20.115	643	21.992	676	25.881	708	29.77	739	33.79	769	40.46
46140/78438	2190	642	21.054	658	23.065	674	25.077	705	29.1	735	33.257	765	37.55	794	41.84
49568/84266	2353	676	24.138	691	26.284	706	28.295	736	32.72	764	37.146	793	41.57	820	46.13
52996/90093	2515	710	27.625	725	29.77	739	32.05	767	36.609	794	41.303	821	46	848	50.82
56024/95921	2659	745	31.379	759	33.793	772	36.073	799	40.9	825	45.862	848	50.29	873	55.25
59852/101748	2841	780	35.671	794	38.084	806	40.632	832	45.594	857	50.824	882	56.05		
63280/107576	3003	816	40.23	829	42.912	841	45.46	865	50.824	889	56.188				
66708/113404	3166	853	45.326	865	48.008	876	50.824	900	56.322						
70136/119231	3329	889	50.958												
73564/125059	3491														
76992/130886	3654														



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
35000/59500	1447											409	8.851	431	10.46
38357/65207	1586							403	8.046	413	8.851	433	10.46	453	12.069
41714/70914	1725	400	7.241	410	8.046	420	8.851	429	9.655	439	10.46	457	12.069	474	13.812
45071/76621	1863	430	8.851	439	9.655	448	10.594	456	11.399	465	12.337	483	14.081	500	15.958
48428/82328	2002	459	10.728	467	11.667	476	12.471	484	13.41	492	14.349	509	16.226	525	18.238
51785/88034	2141	489	12.874	497	13.812	504	14.751	512	15.69	520	16.628	535	18.64	550	20.765
55142/93741	2280	518	15.287	526	16.226	533	17.299	541	18.238	548	19.31	562	21.456	577	23.602
58499/99448	2419	548	17.969	555	18.908	562	19.981	569	21.188	576	22.261	590	24.406	603	26.686
61856/105155	2557	578	20.92	585	21.992	591	23.199	598	24.272	604	25.479	617	27.759	630	30.173
65213/110862	2696	608	24.272	614	25.479	621	26.552	627	27.759	633	28.966	646	31.379	658	33.927
68570/116569	2835	638	27.893	644	29.1	650	30.441	656	31.648	662	32.855	674	35.402	686	38.084
71927/122276	2974	668	31.916	674	33.257	680	34.598	685	35.805	691	37.146	702	39.828	714	42.51
75284/127983	3113	698	36.475	704	37.816	709	39.157	715	40.498	720	41.839	731	44.655	742	47.471
78641/133690	3251	729	41.303	734	42.644	739	44.119	744	45.46	750	46.935	760	49.751	770	52.701
81998/139397	3390	759	46.533	764	48.008	769	49.483	774	50.958	779	52.433	789	55.383	799	58.468
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
35000/59500	1447	451	12.069	472	13.678	492	15.287	530	18.64	568	22.127	604	25.75		
38357/65207	1586	472	13.678	491	15.422	509	17.165	546	20.785	581	24.54	616	28.43	649	32.18
41714/70914	1725	494	15.69	511	17.433	529	19.31	563	23.199	596	27.088	629	31.25	661	37.74
45071/76621	1863	517	17.835	533	19.713	550	21.724	582	25.747	614	29.904	645	34.2	675	38.62
48428/82328	2002	541	20.249	556	22.261	572	24.272	602	28.563	632	32.989	662	37.41	690	45.05
51785/88034	2141	565	22.797	580	24.943	595	27.222	624	31.648	652	36.207	680	40.9	708	45.73
55142/93741	2280	591	25.747	605	28.027	619	30.307	646	35	673	39.828	700	44.79	726	49.75
58499/99448	2419	617	28.966	630	31.079	643	33.793	669	38.621	695	43.717	721	48.81	746	54.04
61856/105155	2557	643	32.586	656	35	668	37.458	693	42.644	718	47.874	743	53.24	766	58.6
65213/110862	2696	670	36.475	682	39.073	694	41.571	718	46.995	741	52.299	765	57.93	788	63.56
68570/116569	2835	697	40.632	709	43.314	720	46.13	743	51.629	765	57.261	788	63.03	810	68.93
71927/122276	2974	725	45.326	736	48.008	747	50.824	779	56.59	790	62.491	812	68.39		
75284/127983	3113	752	50.288	763	53.238	774	56.054	795	62.088	815	68.123				
78641/133690	3251	780	55.652	791	58.736	801	61.686	821	67.855						
81998/139397	3390	809	61.552	818	64.636										



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
41000/69700	1401									356	8.582	376	10.326	396	12.203
44857/76257	1533					359	8.314	369	9.119	378	10.058	397	11.935	415	13.946
48714/82814	1665	365	8.046	375	8.985	384	9.923	393	10.862	401	11.801	419	13.812	436	15.958
52571/89371	1796	392	9.789	400	10.728	408	11.801	417	12.874	425	13.812	441	15.958	458	18.238
56428/95928	1928	418	11.801	426	12.874	434	13.946	442	15.019	449	16.092	465	18.372	480	20.651
60285/102484	2060	444	14.081	452	15.153	459	16.36	467	17.433	474	18.64	488	21.074	503	23.468
64142/109041	2192	471	16.628	478	17.835	485	19.042	492	20.249	499	21.456	512	24.004	526	26.552
67999/115598	2323	498	19.579	504	20.785	511	21.992	517	23.333	524	24.674	537	27.222	550	29.904
71856/122155	2455	524	22.797	531	24.004	537	25.345	543	26.686	549	28.027	562	30.843	574	33.659
75713/128712	2587	551	26.284	557	27.625	563	29.1	569	30.441	575	31.916	587	34.732	598	37.682
79570/135269	2719	578	30.173	584	31.648	590	33.123	595	34.598	601	36.073	612	39.157	623	42.107
83427/141826	2851	605	34.464	611	36.073	616	37.54	621	39.157	627	40.632	637	43.851	648	46.935
87284/148383	2982	632	39.291	637	40.766	643	42.376	648	43.985	653	45.594	663	48.947	673	52.299
91141/154940	3114	659	44.387	664	45.996	669	47.74	674	49.349	679	51.092	689	54.445	699	57.931
94998/161497	3246	686	50.019	691	51.629	696	53.372	701	55.115	705	56.858	715	60.479	724	63.966
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
41000/69700	1401	415	14.081	434	15.958	453	17.969	489	22.127	523	26.284	557	30.71		
44857/76257	1533	434	15.958	451	17.969	469	20.115	502	24.54	535	28.966	567	33.66	598	38.35
48714/82814	1665	453	18.103	470	30.249	486	22.529	518	27.088	549	31.916	579	36.74	609	41.84
52571/89371	1796	473	20.383	489	22.797	504	25.077	535	30.038	564	35	593	40.1	621	45.46
56428/95928	1928	495	23.065	509	25.479	524	28.027	553	33.123	581	38.353	608	43.72	635	49.35
60285/102484	2060	517	26.015	531	28.563	544	31.111	572	36.475	598	41.973	625	47.61	650	53.37
64142/109041	2192	539	29.1	553	31.782	566	34.598	591	40.096	617	45.862	642	51.76	666	57.8
67999/115598	2323	562	32.72	575	35.402	587	38.353	612	44.119	636	50.153	660	56.32	684	62.49
71856/122155	2455	586	36.475	598	39.425	610	42.376	633	48.41	656	54.713	680	61.02	702	67.59
75713/128712	2587	610	40.766	621	43.717	633	46.801	655	53.104	677	59.54	700	66.25	721	72.95
79570/135269	2719	634	45.326	645	48.41	656	51.629	677	58.199	699	64.904	720	71.74	741	78.72
83427/141826	2851	659	50.288	669	53.506	679	56.858	700	63.697	720	70.537	741	77.64		
87284/148383	2982	683	55.652	693	59.004	703	62.491	723	69.464	743	76.705				
91141/154940	3114	708	61.418	718	64.904	728	68.525	747	75.767						
94998/161497	3246	734	67.586	743	71.341	752	74.962								



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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
47000/79900	1469											350	11.667	368	13.678
52000/88400	1626									354	11.667	372	13.812	389	16.092
57000/96900	1782	345	9.655	353	10.728	362	11.801	370	12.874	378	14.081	394	16.36	410	18.64
62000/105400	1938	372	12.069	380	18.142	388	14.349	395	15.556	403	16.763	418	19.176	433	21.724
67000/113900	2095	400	14.885	407	16.092	414	17.299	421	18.506	429	19.847	443	22.395	457	25.077
72000/122400	2251	427	17.969	434	19.31	441	20.651	448	21.992	454	23.333	468	26.015	481	28.832
77000/120900	2407	455	21.59	462	23.065	468	24.406	474	25.881	481	27.222	493	30.173	505	33.123
82000/139400	2564	483	25.747	489	27.222	495	28.697	501	30.173	507	31.648	519	34.732	530	37.816
87000/147900	2720	511	30.307	517	31.916	523	33.391	528	35	534	36.609	545	39.828	556	43.18
92000/156400	2876	539	35.536	545	37.146	550	38.755	555	40.498	561	42.107	571	45.46	582	48.947
97000/164900	3032	568	41.303	573	42.912	578	44.655	583	46.399	588	48.142	598	51.763	608	55.383
102000/173400	3189	596	47.605	601	49.349	606	51.226	610	52.97	615	54.847	625	58.602	634	62.357
107000/181900	3345	624	54.579	629	56.456	633	58.334	638	60.211	643	62.088	652	65.977	661	70
112000/190400	3501	653	62.222	657	64.1	661	66.111	666	68.123	670	70.134	679	74.157	688	78.314
117000/198900	3658	681	70.537	685	72.548	689	74.56	694	76.705	698	78.717	706	83.008		
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
47000/79900	1469	387	15.824	404	18.103	422	20.383	455	25.077	488	29.904	519	34.87		
52000/88400	1626	406	18.372	422	20.651	438	23.065	470	28.027	500	33.257	530	38.62	558	43.98
57000/96900	1782	426	21.054	442	23.602	457	26.149	486	31.514	515	36.878	543	42.64	570	48.41
62000/105400	1938	448	24.272	472	26.954	476	29.636	504	35.268	531	41.035	558	46.94	583	53.1
67000/113900	2095	470	27.759	484	30.575	497	33.391	523	39.291	549	45.46	574	51.63	599	58.07
72000/122400	2251	494	31.782	506	34.732	519	37.682	544	43.851	568	50.288	592	56.86	615	63.56
77000/120900	2407	517	36.207	530	39.291	541	42.376	565	48.947	588	55.517	611	62.49	633	69.46
82000/139400	2564	542	41.035	553	44.387	565	47.605	587	54.445	609	61.418	631	68.53	652	75.9
87000/147900	2720	567	46.533	578	49.885	588	53.372	610	60.479	630	67.721	651	75.23	672	82.74
92000/156400	2876	592	52.433	602	56.054	613	59.675	633	67.05	653	74.56	673	82.34	692	90.25
97000/164900	3032	618	59.004	628	62.759	637	66.514	657	74.157	676	82.069	695	90.12		
102000/173400	3189	644	66.111	653	70	662	73.889	681	81.935	699	90.115				
107000/181900	3345	670	73.889	679	77.912	688	82.069	705	90.383						
112000/190400	3501	696	82.337	705	86.629										
117000/198900	3658														



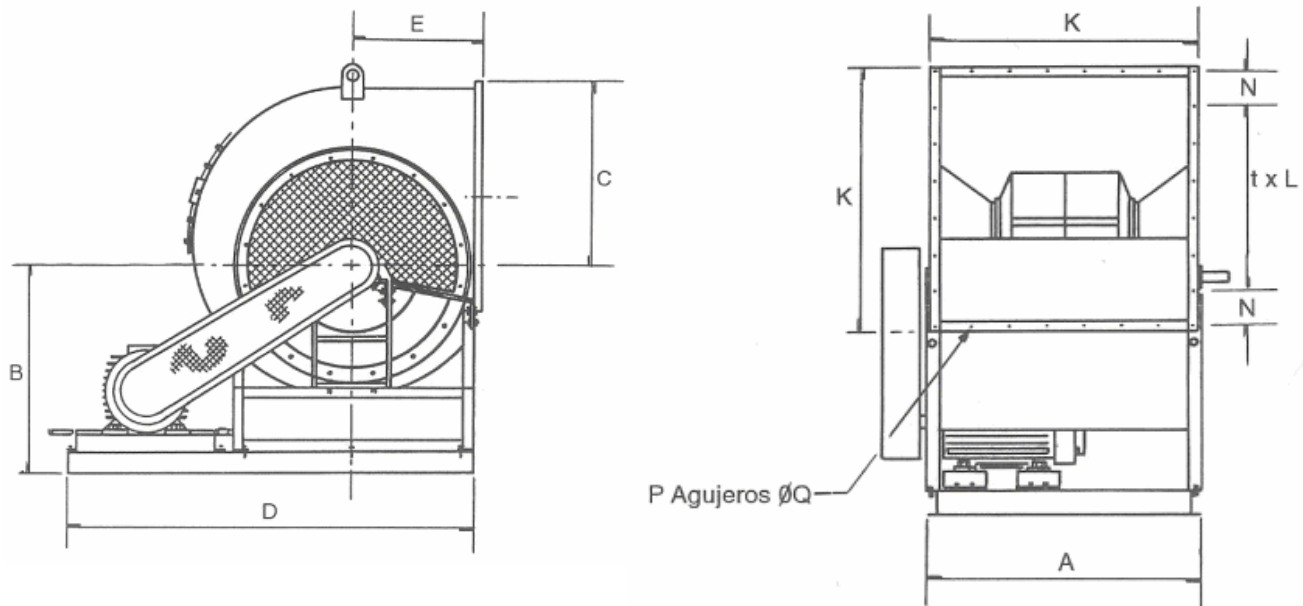
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PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	.25"/6.3 mm		.375"/9.5 mm		.5"/12.7 mm		.625"/15.8 mm		.75"/19 mm		1"/25.4 mm		1.25"/31.7 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
59000/100300	1372													316	17.165
65642/111591	1527									302	14.349	318	17.16	333	22.115
72284/122883	1681			300	13.008	307	14.349	315	15.824	323	17.299	338	20.25	352	23.468
78926/134174	1836	316	14.483	323	15.958	330	17.567	337	19.042	344	20.651	358	23.87	372	27.222
85568/145466	1990	340	17.835	347	19.579	353	21.188	360	22.797	367	24.54	379	28.03	392	31.514
92210/156757	2144	364	21.858	371	23.602	377	25.345	383	27.088	389	28.966	401	32.59	413	36.341
98852/168048	2299	389	26.418	395	28.161	401	30.038	406	31.916	412	33.927	423	37.82	435	41.839
105494/179340	2453	413	31.514	419	33.525	424	35.402	430	37.414	435	39.425	446	43.58	457	47.874
112136/190631	2608	438	37.28	443	39.425	448	41.437	454	43.583	459	45.728	469	50.15	479	54.579
118778/201923	2762	463	43.717	468	45.996	473	48.142	478	50.422	482	52.701	492	57.26	502	61.954
125420/213214	2917	488	50.958	492	53.372	497	55.652	502	58.065	506	60.345	515	65.17	525	70.134
130262/224505	3071	513	59.004	517	61.418	521	63.966	526	66.38	530	68.927	539	73.89	548	78.985
138704/235797	3226	537	67.855	542	70.402	546	72.95	550	75.632	554	78.18	563	83.41	571	88.774
145346/247088	3380	562	77.51	567	80.192	571	82.874	575	85.69	579	88.372	587	93.87	594	99.368
151988/258380	3535	587	88.104	591	90.92	595	93.756	599	96.552	603	99.368	611	105.13	618	110.9
PRESIÓN CAUDAL (CFM)/ m3/hr	VELOCIDAD SALIDA FPM	1.5"/38.1 mm		1.75"/44.4 mm		2"/50.8 mm		2.5"/63.5 mm		3"/76.2 mm		3.5"/88.9 mm		4"/101.6 mm	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
59000/100300	1372	322	19.847	348	22.663	363	25.479	393	31.379	421	37.28				
65642/111591	1527	348	23.065	363	26.015	378	29.1	405	35.402	432	41.973	458	48.54		
72284/122883	1681	366	26.552	380	29.904	394	33.123	420	39.962	445	46.935	470	54.04	493	61.28
78926/134174	1836	385	30.575	398	34.061	411	37.548	435	44.789	459	52.299	483	59.94	505	67.59
85568/145466	1990	405	35.134	417	38.755	429	42.51	452	50.288	475	58.065	497	66.25	519	74.43
92210/156757	2144	425	40.23	436	44.119	448	48.008	470	56.188	491	64.502	513	73.08	533	81.67
98852/168048	2299	446	45.862	457	49.885	467	54.176	488	62.625	509	71.475	529	80.46	549	89.58
105494/179340	2453	467	52.031	477	56.456	488	60.881	508	69.866	527	78.985	547	88.37	565	98.03
112136/190631	2608	489	59.004	499	63.563	508	68.123	527	77.644	546	87.299	565	97.09	583	107.15
118778/201923	2762	511	66.648	520	71.475	530	76.303	548	86.092	566	96.15	584	106.48	601	116.94
125420/213214	2917	533	74.962	542	80.058	551	85.019	569	95.345	586	105.94	603	116.67	619	127.53
130262/224505	3071	556	84.215	565	89.445	573	94.675	590	105.403	606	116.4	617	124.44		
138704/235797	3226	579	94.138	587	99.636	595	105.13	611	116.265						
145346/247088	3380	602	105	610	110.63	618	116.4								
151988/258380	3535														



Dimensiones del ventilador centrífugo



Si se requiere la vista de planta para la localización de barrenos de fijación de cualquier modelo; puede solicitarla a la Oficina Técnica S&P.

TAM	A	Altura "B" según descarga					C	D	E	K	L	t x L	N	P	Q
		0°	45°	90°	135°	180°									
60	830	712	652	622	762	762	616	1700	456	750	4 x 150	95	24	23	
70	980	812	742	702	872	872	718	2100	526	900	5 x 150	95	28	23	
80	1108	922	852	802	1002	1002	821	2200	596	1000	5 x 150	145	28	23	
90	1273	1072	982	932	1152	1152	923	2300	676	1125	4 x 200	193	24	28	
100	1383	1172	1062	1012	1252	1252	1026	2400	746	1275	5 x 200	168	28	28	
110	1508	1252	1142	1082	1352	1352	1129	2590	814	1400	6 x 200	130	32	28	
120	1644	1352	1252	1182	1482	1482	1231	2700	884	1500	6 x 200	180	32	28	
130	1794	1473	1352	1272	1582	1582	1334	2800	954	1650	7 x 200	170	36	28	
140	1869	1613	1473	1393	1753	1753	1436	2900	1024	1725	7 x 200	208	36	28	
160	2144	1803	1653	1553	1953	1953	1642	3450	1164	2000	8 x 200	245	40	28	

NOTA:

- * El cubre bandas es de línea al adquirirse con transmisión.
- * Los tacones o base antivibratoria son sobre pedido.