



MACCIMEX®

La gama SI/DI/DIT de los ventiladores centrífugos de Simple / Doble oído de aspiración ATC ha sido específicamente diseñada para aplicaciones de suministro, extracción y retorno de aire limpio por conductos. Se compone de 7 módulos en Simple Aspiración (SI), 11 módulos en Doble Aspiración (DI) y 3 módulos en Doble Aspiración Tipo Twin (DIT) con un rango de diámetro de turbinas desde 9" hasta 36". La serie SI/DI/DIT está desarrollada con turbinas con álabes curvos adelantados y transmisión por poleas y bandas ofreciendo la línea de ventiladores más versátil, eficiente y silenciosa para manejar un rango amplio de caudal de aire a medianas presiones estáticas en el mercado.

Aplicaciones

Unidades manejadores de aire acondicionado, calefacción, enfriadores evaporativos, cortinas de aire, cajas de ventilación con filtros, etc.

Características principales

- Conjunto envolvente o carcasa, cono-aro de succión, deflector de aire en descarga, soporte del motor y bastidor común con perfiles estructurales fabricado en lamina galvanizada ó acero al carbón de diferentes calibres según tamaño y modelo del ventilador.
- Turbina centrífuga de alta eficiencia y operación silenciosa con álabes curvos adelantados estática y dinámicamente balanceada, fabricada en lamina galvanizada resistente a la corrosión.
- El proceso de prepintado con tratamientos químicos y posteriormente la aplicación electrostática de pintura poliéster en polvo horneada altamente resistente a la corrosión e intemperie en todos los componentes de los ventiladores centrífugos es estándar.
- Disponible en 3 distintos diseños de construcción: SI (Simple aspiración), DI (Doble aspiración), DIT (Doble aspiración tipo twin); 4 posiciones de descarga a cada 90° (TH, DB, BH, UB); 2 diferentes rotaciones de la turbina (CW- CCW); 3 posiciones de montaje de motor: sobre una base con rieles en piso, Sobre un bastidor común con perfiles estructurales y Sobre envolvente del ventilador.
- Chumaceras o Rodamientos de alta eficiencia y mínimo mantenimiento, diseñados para aplicaciones industriales adquiridos de los fabricantes mundialmente reconocidos.
- Flechas o ejes impulsores seleccionados en diferentes diámetros y longitudes según tamaño del ventilador, fabricados en acero AISI C-1045, perfectamente pulidos y rectificados en toda su longitud y protegidos con un recubrimiento anticorrosivo.
- Base ajustable de motor fabricada en acero al carbón y diseñada para ajuste, alineación y tensión de las bandas con una precisión y rapidez.
- Accionado por transmisión de poleas y bandas a los motores eléctricos de alta eficiencia diseñados bajo especificaciones NEMA, permitiendo lograr las distintas relaciones de caudal y presión.

Nomenclatura:

DI - 15 / 15 - CW

1. Modelo del Ventilador

SI - Simple aspiración

DI - Doble aspiración

DIT - Doble aspiración tipo twin

2. Diámetro aproximado de la turbina en pulgadas

3. Ancho aproximado de la turbina en pulgadas

4. Rotación de la turbina

CW - Sentido reloj

CCW - Sentido contra reloj

1

2

3

4

The SI/DI/DIT series are belt driven single inlet, double inlet centrifugal forward curved fans, specially designed for handling relatively clean air in supply, exhaust and ducted return air applications. These line of ATC blowers are available in 7 sizes in single inlet (SI), 11 sizes in double inlet (DI) and 3 sizes in twin double inlet (DIT), ranging from 9" through 36" wheel diameters. These fans are manufactured under strict quality assurance standards to ensure high efficiency and quiet operation in a compact design which produce high air volumes at low speeds.

Applications

Heating, Ventilation and Air Conditioning Units, Evaporative Coolers, Air Curtains, Filtered Cabinet Fans, etc.

Construction features

- Housings, scrolls, inlet cones, rings, drive stands, and all structural supports are made of heavy gauge all welded steel construction.

- Forward curved galvanized steel wheels are statically and dynamically balanced at the factory and designed for optimum performance life and quiet operation.
- Electrostatically applied powder coating is standard on all ATC fans. For special requirements, please contact the factory.
- The fans are available in 3 different construction arrangements (Single inlet), DI (Double inlet), DIT (Twin double inlet); field rotation to four 90° standard discharges (TH, DB, BH, UB); 3 distinct types of motor mounting positions: floor base mounted, structural mounted, scroll mounted; clockwise (CW) or counter clockwise rotation.
- Self-aligning heavy duty, pillow blocks ball bearings are designed to operate under the most severe atmospheric conditions and are supplied by the most prestigious world wide manufacturers.
- Shafts are designed for long life in different diameters and are turned, ground and polished of solid SAE 1045 steel for smooth operation, key-wayed and protected with a corrosion resistant coating.
- Adjustable steel motor plate pivoted at one end for ease of tensioning.
- The SI/DI/DIT series are the ideal for the general belt drive ventilation applications, using the combination of high quality sheaves, very high efficiency motors in order to handle a wide range of air volumes and pressures.

Nomenclature:

DI - 15 / 15 - CW

1. Fan Model

SI - Single inlet
DI - Double inlet
DIT - Twin double inlet

SI/DI/DIT

Modelos y diseños de construcción / Models and construction arrangements

	Modelo	Diámetro de la turbina (pulgadas)	Ancho de la turbina (pulgadas)	Diámetro del buje (pulgadas)	
	Model	Wheel diameter (inches)	Wheel width (inches)	Bore Diameter (inches)	
SI Aero ventiladores centrífugos ATC Turbinas de álabes curvos adelantados Simple aspiración ATC single inlet centrifugal forward curved fans	SI-10/6	11 1/8	6	3/4	
	SI-12/6	13 3/16	6	3/4	
	SI-15/9	15 1/2	9 1/2	1	
	SI-18/9	18 9/16	9	1	
	SI-22/11	23 1/4	11 1/4	1 1/8	
	SI-25/12	26 1/4	12 3/4	1 1/8	
	SI-30/15	31 1/4	15 3/16	1 3/8	
DI Aero ventiladores centrífugos ATC Turbinas de álabes curvos adelantados Doble aspiración ATC double inlet centrifugal forward curved fans	DI-9/6	9 1/2	6	3/4	
	DI-9/9	9 1/2	9 1/2	3/4	
	DI-10/10	10 5/8	10 5/8	3/4	
	DI-12/12	12 23/32	12 5/8	1	
	DI-15/15	15	15	1	
	DI-18/18	18 9/16	18	1 1/8	
	DI-20/20	20 1/2	20	1 1/8	
	DI-22/22	22 7/8	22	1 3/8	
	DI-25/25	25 1/2	25	1 3/8	
	DI-30/30	30 3/4	30	1 5/8	
	DI-36/36	36 1/2	36	1 7/8	
DIT Aero ventiladores centrífugos ATC turbinas de álabes curvos adelantados Doble aspiración tipo twin ATC twin double inlet centrifugal forward curved fans	DIT-10/10	10 5/8	10 5/8	3/4	
	DIT-12/12	12 23/32	12 5/8	1	
	DIT-15/15	15	15	1	

SI/DI/DIT

Especificaciones técnicas / Performance data

Modelo Model	Wheel Outer Dia	Central Air Flow	0.125"		0.25"		0.375"		0.50"		0.625"		0.75"		0.875"		1.00"		1.25"		1.50"		1.75"		2.00"	
			RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
SI-10/6	954	600			580	0.06	670	0.08	747	0.09	817	0.11	881	0.13	944	0.14	1003	0.16	1118	0.20	1230	0.24	1344	0.28	1458	0.32
	1113	700	505	0.06	612	0.08	701	0.10	776	0.12	844	0.14	906	0.16	964	0.18	1020	0.20	1125	0.24	1225	0.28	1323	0.32	1421	0.37
	1272	800	546	0.08	645	0.10	731	0.13	806	0.15	874	0.17	934	0.20	991	0.22	1044	0.24	1144	0.28	1238	0.33	1327	0.38	1415	0.43
	1431	900	590	0.10	680	0.13	764	0.16	837	0.19	903	0.21	964	0.24	1019	0.26	1072	0.29	1169	0.34	1258	0.39	1343	0.44	1426	0.49
	1590	1000	636	0.14	719	0.17	797	0.20	869	0.23	934	0.26	994	0.29	1050	0.31	1102	0.34	1196	0.40	1284	0.45	1366	0.51	1444	0.57
	1749	1100	684	0.18	759	0.21	833	0.24	902	0.27	966	0.31	1025	0.34	1080	0.37	1131	0.40	1226	0.46	1312	0.53	1393	0.59	1468	0.65
	1908	1200	733	0.22	802	0.26	870	0.29	936	0.33	998	0.36	1056	0.40	1111	0.44	1162	0.47	1256	0.54	1342	0.61	1421	0.67	1496	0.74
	2067	1300	783	0.28	847	0.31	911	0.36	973	0.39	1032	0.43	1089	0.47	1142	0.51	1193	0.55	1287	0.62	1372	0.70	1450	0.77	1524	0.84
	2226	1400	833	0.34	893	0.38	953	0.42	1011	0.46	1068	0.50	1122	0.54	1175	0.59	1225	0.63	1317	0.71	1402	0.79	1480	0.87		
	2385	1500	884	0.41	941	0.45	996	0.49	1051	0.54	1105	0.58	1158	0.63	1208	0.67	1257	0.72	1349	0.81	1433	0.90	1510	0.98		
	2544	1600	936	0.49	989	0.54	1041	0.58	1093	0.62	1144	0.67	1194	0.72	1243	0.77	1291	0.82	1381	0.92	1464	1.01				
	2703	1700	988	0.59	1038	0.63	1087	0.68	1136	0.72	1185	0.77	1233	0.82	1279	0.88	1325	0.93	1413	1.03	1496	1.13				
	2862	1800	1040	0.69	1088	0.74	1135	0.78	1181	0.83	1227	0.89	1272	0.94	1317	0.99	1361	1.06	1447	1.15						
	3021	1900	1092	0.81	1138	0.85	1183	0.90	1227	0.96	1270	1.01	1314	1.07	1357	1.12	1399	1.18								
	3180	2000	1145	0.94	1189	0.99	1231	1.04	1273	1.09	1315	1.15	1356	1.20	1397	1.26										
SI-12/6	1081	800	363	0.05	456	0.07	535	0.10	602	0.12	662	0.14	715	0.16	762	0.18	806	0.20	862	0.14	782	0.18	806	0.20	602	0.12
	1351	1000	406	0.08	488	0.11	561	0.14	627	0.17	686	0.20	740	0.22	790	0.25	836	0.28	918	0.33	990	0.38	836	0.28	879	0.30
	1622	1200	455	0.13	527	0.16	594	0.19	655	0.23	711	0.26	764	0.30	814	0.33	860	0.36	945	0.43	1020	0.49	1089	0.56	1151	0.61
	1892	1400	508	0.19	570	0.23	632	0.27	688	0.30	741	0.34	792	0.38	839	0.42	884	0.46	968	0.54	1045	0.62	1116	0.70	1180	0.77
	2162	1600	565	0.28	618	0.32	673	0.36	726	0.40	776	0.44	823	0.49	869	0.53	912	0.58	993	0.67	1069	0.76	1139	0.85	1206	0.94
	2432	1800	624	0.39	670	0.43	719	0.47	767	0.52	814	0.57	858	0.62	902	0.67	942	0.72	1021	0.82	1096	0.92	1163	1.03	1228	1.13
	2703	2000	685	0.52	724	0.56	768	0.61	811	0.66	855	0.72	897	0.77	938	0.82	977	0.88	1052	0.99	1123	1.10	1190	1.22	1253	1.33
	2973	2200	746	0.68	781	0.73	819	0.78	859	0.84	899	0.89	939	0.95	977	1.01	1014	1.07	1086	1.19	1154	1.31	1219	1.44		
	3243	2400	808	0.88	840	0.93	873	0.98	909	1.04	946	1.10	982	1.16	1019	1.22	1054	1.29	1123	1.42						
	3514	2600	871	1.11	899	1.16	930	1.22	962	1.28	996	1.34	1029	1.41	1063	1.47	1096									
SI-15/9	896	1200	298	0.07	366	0.10	431	0.13	499	0.17	568	0.22	634	0.27	692	0.33	744	0.38	835	0.49	914	0.60	986	0.71	1051	0.82
	1045	1400	313	0.10	384	0.13	442	0.17	498	0.21	557	0.25	615	0.30	675	0.36	731	0.42	829	0.55	913	0.68	988	0.80	1056	0.93
	1194	1600	334	0.13	403	0.17	460	0.21	510	0.25	559	0.30	609	0.35	660	0.40	711	0.46	814	0.60	904	0.74	984	0.89	1054	1.03
	1343	1800	357	0.17	423	0.22	479	0.26	527	0.31	571	0.36	614	0.41	658	0.46	703	0.52	794	0.65	887	0.80	971	0.97	1047	1.13
	1493	2000	380	0.22	444	0.27	498	0.33	545	0.38	588	0.43	627	0.48	666	0.53	706	0.59	787	0.72	869	0.87	952	1.03	1032	1.21
	1642	2200	404	0.27	466	0.34	518	0.40	564	0.46	606	0.51	645	0.57	681	0.63	716	0.68	787	0.81	862	0.95	936	1.11	1010	1.27
	1791	2400	430	0.34	488	0.41	539	0.48	584	0.54	625	0.61	663	0.67	699	0.73	732	0.79	796	0.92	862	1.06	930	1.21	998	1.39
	1940	2600	456	0.42	511	0.50	560	0.57	604	0.64	645	0.71	682	0.78	717	0.85	750	0.92	811	1.05	871	1.19	932	1.33	994	1.50
	2090	2800	482	0.51	534	0.60	582	0.68	625	0.76	665	0.83	701	0.91	736	0.98	768	1.05	826	1.20	885	1.34	940	1.49	997	1.65
	2239	3000	509	0.61	558	0.70	604	0.80	647	0.88	685	0.96	721	1.04	755	1.12	788	1.20	847	1.36	902	1.51	954	1.66	1005	1.82
	2388	3200	536	0.73	583	0.83	627	0.93	668	1.02	706	1.11	742	1.20	775	1.28	807	1.37	866	1.53	920	1.70	971	1.86	1019	2.03
	2537	3400	564	0.86	608	0.97	651	1.07	690	1.17	728	1.27	763	1.36	795	1.46	827	1.55	885	1.72	938	1.90	989	2.08		
2687	3600	592	1.01	634	1.12	675	1.23	713	1.34	749	1.45	784	1.55	816	1.64	847	1.74	904	1.93							
2836	3800	621	1.18	661	1.29	699	1.41	736	1.53	772	1.64	805	1.75	837	1.86	867	1.96	924	2.16							
2985	4000	649	1.36	687	1.48	724	1.56	760	1.73	795	1.85	827	1.96	859	2.08	888	2.19									
SI-18/9	1245	2000	285	0.14	356	0.21	422	0.28	479	0.36	531	0.44	577	0.52	620	0.60	659	0.68	731	0.85	796	1.02	856	1.19	912	1.37
	1432	2300	306	0.20	370	0.26	431	0.34	487	0.43	537	0.52	584	0.61	626	0.70	666	0.80	739	0.98	804	1.17	864	1.37	919	1.56
	1619	2600	331	0.26	387	0.34	443	0.42	496	0.51	545	0.61	591	0.71	633	0.81	673	0.92	745	1.13	811	1.34	871	1.55	927	1.77
	1806	2900	356	0.35	407	0.43	458	0.51	507	0.61	554	0.71	598	0.82	640	0.93	680	1.05	752	1.28	818	1.51	878	1.75	934	1.99
	1992	3200	383	0.45	429	0.53	475	0.62	521	0.72	565	0.83	608	0.95	648	1.07	687	1.19	759	1.44	824	1.70	885	1.95	941	2.21
	2179	3500	410	0.57																						

Especificaciones técnicas / Performance data

Especificaciones técnicas / Performance data

SI/DI/DIT

Especificaciones técnicas / Performance data

Modelo Model	CFM	0.25" SP		0.5" SP		0.75" SP		1.00" SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
DI-9/6	400	556	0.07	783	0.11	992	0.15	1156	0.19
	600	575	0.09	769	0.13	950	0.17	1102	0.21
	800	630	0.12	794	0.16	958	0.21	1092	0.25
	1000	700	0.18	845	0.22	986	0.27	1100	0.37

DI-9/9	600	566	0.10	788	0.14	998	0.20	1148	0.25
	800	589	0.12	787	0.16	972	0.23	1127	0.29
	1000	623	0.15	803	0.20	964	0.27	1109	0.33
	1200	663	0.19	828	0.25	980	0.33	1111	0.39
	1400	710	0.25	863	0.32	1005	0.40	1123	0.47

DI-10/10	800	490	0.13	700	0.20	859	0.28	1002	0.37
	1000	507	0.16	693	0.21	843	0.30	977	0.38
	1200	529	0.18	705	0.26	841	0.33	967	0.42
	1400	558	0.22	718	0.29	847	0.38	968	0.46
	1600	591	0.25	739	0.34	863	0.43	987	0.53
	1800	635	0.32	763	0.40	883	0.50	991	0.60

Modelo Model	CFM	0.25"		0.5"		0.75"		1.00"		1.25"		1.5"		1.75"		2.00"		2.25"		2.50"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
DI-12/12	1400	409	0.11	571	0.17	706	0.27	823	0.37	*	*	*	*	*	*	*	*	*	*	*	*
	1600	416	0.13	571	0.22	701	0.32	815	0.42	919	0.53	*	*	*	*	*	*	*	*	*	*
	1800	425	0.16	574	0.26	699	0.36	810	0.47	911	0.59	*	*	*	*	*	*	*	*	*	*
	2000	439	0.20	579	0.31	700	0.42	808	0.53	906	0.66	997	0.78	*	*	*	*	*	*	*	*
	2200	457	0.25	585	0.36	703	0.48	808	0.60	903	0.73	992	0.86	*	*	*	*	*	*	*	*
	2400	480	0.31	594	0.42	708	0.55	810	0.68	903	0.81	989	0.96	1071	1.01	1149	1.25	*	*	*	*
	2600	505	0.38	604	0.48	714	0.62	813	0.76	904	0.91	989	1.06	1069	1.21	1145	1.37	1217	1.53	1287	1.70
	2800	533	0.46	618	0.56	721	0.70	818	0.85	907	1.01	990	1.16	1068	1.32	1142	1.49	1213	1.66	1282	1.83
	3000	561	0.56	635	0.65	730	0.79	824	0.85	911	1.12	993	1.28	1069	1.45	1142	1.62	1211	1.80	1278	1.98
	3200	X	X	656	0.76	741	0.90	831	1.06	917	1.24	996	1.41	1071	1.59	1143	1.77	1211	1.96	1277	2.14
	3400	X	X	679	0.88	755	1.01	840	1.18	923	1.36	1001	1.55	1075	1.74	1145	1.92	1212	2.11	1277	2.31
	3600	X	X	704	1.02	771	1.15	850	1.31	930	1.50	1007	1.70	1080	1.89	1149	2.09	1214	2.29	1278	2.49
	3800	X	X	731	1.17	791	1.30	862	1.46	939	1.65	1014	1.85	1085	2.06	1153	2.27	1218	2.48	1280	2.69
	4000	X	X	X	X	812	1.46	877	1.62	949	1.82	1021	2.02	1091	2.24	1158	2.46	1222	2.67	1284	2.89
DI-15/15	2000	341	0.14	474	0.26	587	0.39	686	0.53	*	*	*	*	*	*	*	*	*	*	*	*
	2500	355	0.21	476	0.34	581	0.48	675	0.64	760	0.81	839	0.99	911	1.17	*	*	*	*	*	*
	3000	376	0.31	486	0.45	583	0.61	670	0.78	752	0.96	827	1.16	899	1.36	965	1.57	1029	1.78	1089	2.00
	3500	406	0.45	501	0.59	591	0.76	673	0.95	750	1.14	822	1.35	890	1.57	955	1.80	1017	2.03	1076	2.27
	4000	441	0.63	521	0.78	604	0.96	681	1.16	754	1.36	822	1.59	887	1.82	949	2.06	1009	2.31	1066	2.56
	4500	X	X	546	1.01	621	1.20	694	1.41	762	1.63	827	1.86	889	2.11	948	2.36	1006	2.62	1061	2.90
	5000	X	X	577	1.30	642	1.49	710	1.71	775	1.95	837	2.19	896	2.45	953	2.72	1007	2.99	*	*
DI-18/18	5500	X	X	612	1.65	668	1.85	729	2.08	790	2.30	849	2.58	906	2.85	961	3.13	*	*	*	*
	3000	299	0.25	411	0.45	506	0.69	588	0.93	660	1.19	*	*	*	*	*	*	*	*	*	*
	3500	310	0.32	414	0.54	504	0.79	584	1.06	656	1.35	724	1.47	785	1.74	*	*	*	*	*	*
	4000	322	0.42	419	0.65	505	0.91	582	1.21	652	1.52	719	1.66	780	1.95	836	2.25	889	2.55	*	*
	4500	337	0.53	428	0.78	509	1.06	582	1.37	650	1.70	714	1.86	775	2.17	831	2.49	884	2.82	935	3.16
	5000	353	0.67	439	0.93	515	1.23	585	1.55	651	1.89	712	2.09	771	2.41	826	2.75	879	3.10	929	3.46
	5500	369	0.84	452	1.12	524	1.43	591	1.76	654	2.12	712	2.35	769	2.69	823	3.04	875	3.41	925	3.78
	6000	387	1.03	466	1.33	535	1.65	599	2.00	659	2.38	715	2.64	769	2.99	822	3.36	872	3.75	921	4.14
	6500	X	X	480	1.58	547	1.92	608	2.28	666	2.67	719	2.97	772	3.34	823	3.72	872	4.12	919	4.53
	7000	X	X	496	1.86	560	2.22	619	2.59	675	3.02	726	3.33	777	3.72	826	4.12	873	4.53	919	4.96
	7500	X	X	513	2.17	575	2.55	631	2.95	685	3.36	735	3.74	783	4.15	831	4.56	879	4.99	921	5.43
	8000	X	X	X	X	590	2.93	645	3.34	696	3.77	745	4.19	792	4.62	837	5.05	881	5.49	925	5.95
	8500	X	X	X	X	605	3.35	659	3.78	709	4.23	756	4.69	801	5.13	845	5.58	888	6.04	930	6.51
	9000	X	X	X	X	622	3.81	674	4.26	722	4.73	768	5.23	812	5.69	855	6.16	896	6.64	937	7.13
	9500	X	X	X	X	X	X	689	4.79	736	5.28	781	5.81	824	6.30	866	6.79	906	7.29		
	10000	X	X	X	X	X	X	705	5.37	751	5.88	795	6.45	837	6.96	877	7.47				

Modelo Model	CFM	2.75"		3.00"		3.25"		3.5"		3.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
DI-18/18 Cont.	3000	*	*	*	*	*	*	*	*	*	*
	3500	*	*	*	*	*	*	*	*	*	*
	4000	*	*	*	*	*	*	*	*	*	*
	4500	983	3.50	1028	3.85	*	*	*	*	*	*
	5000	977	3.82	1023	4.20	1067	4.58	*	*	*	*
	5500	972	4.17	1018	4.56	1062	4.96	1104	5.37	1145	5.79
	6000	968	4.54	1013	4.95	1057	5.37	1099	5.80	1140	6.24
	6500	965	4.95	1009	5.38	1052	5.81	1094	6.29	1135	6.71
	7000	964	5.39	1007	5.84	1049	6.29	1090	6.75	1130	7.22
	7500	964	5.88	1007	6.34	1048	6.81	1088	7.29		
	8000	967	6.41	1008	6.88	1048	7.37				
	8500	971	6.99	1011	7.48						
	9000	976	7.62								
	9500										
	10000										

* Funcionamiento no estable y no recomendado
Performance is unstable and not recommended

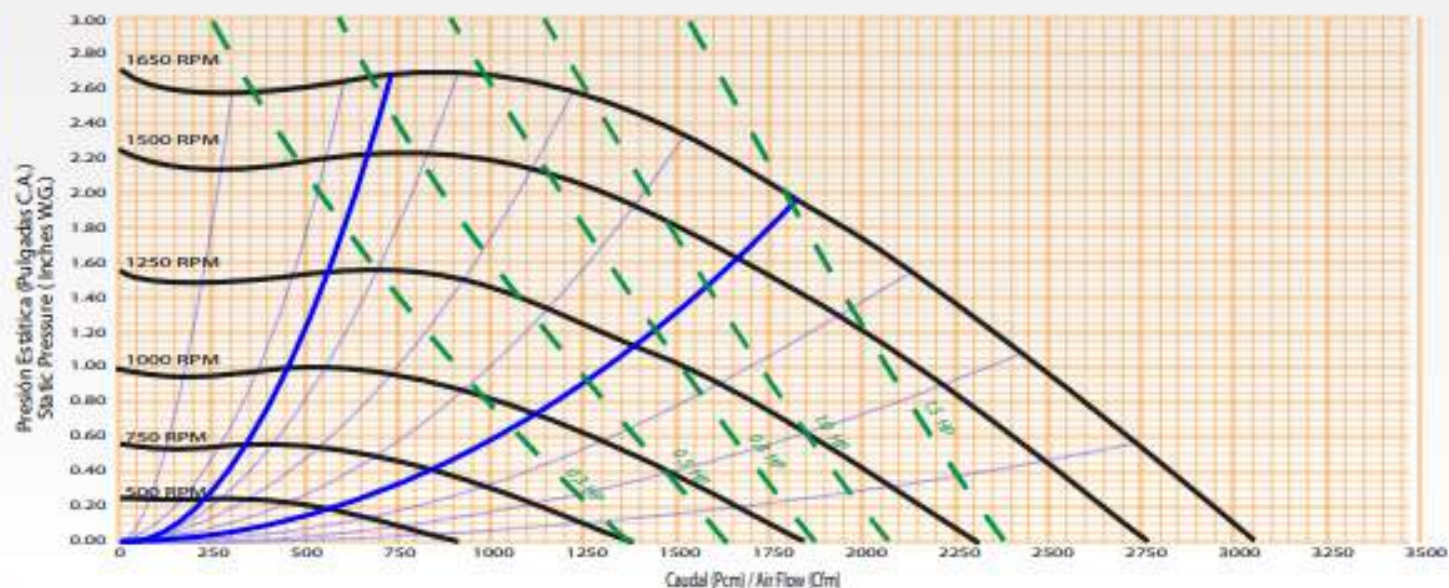
x Funcionamiento es por debajo del 10% de eficiencia estática
Performance is below 10% static efficiency

* Para especificaciones técnicas de modelos DI-20/20 al DI-36/36,
ver curvas de operaciones
For performance data of models DI-20/20 to DI-36/36, see
operation curves.

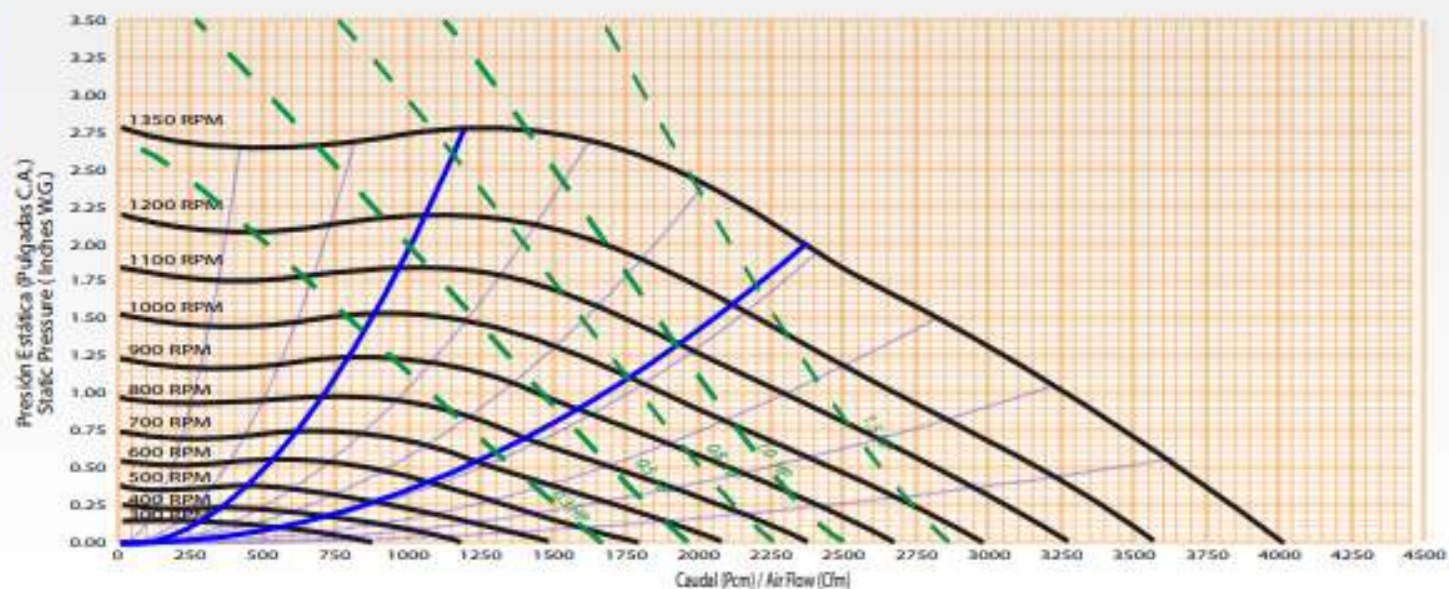
SI/DI/DIT

Curvas de operación / Operation curves

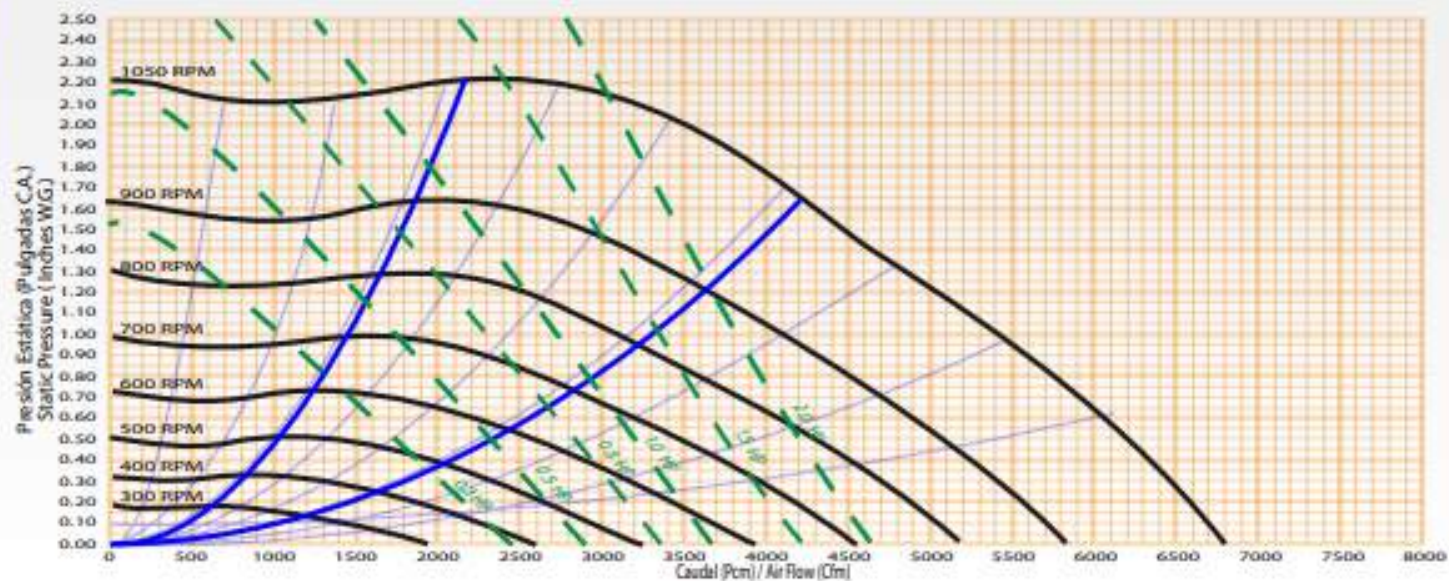
SI-10/6



SI-12/6



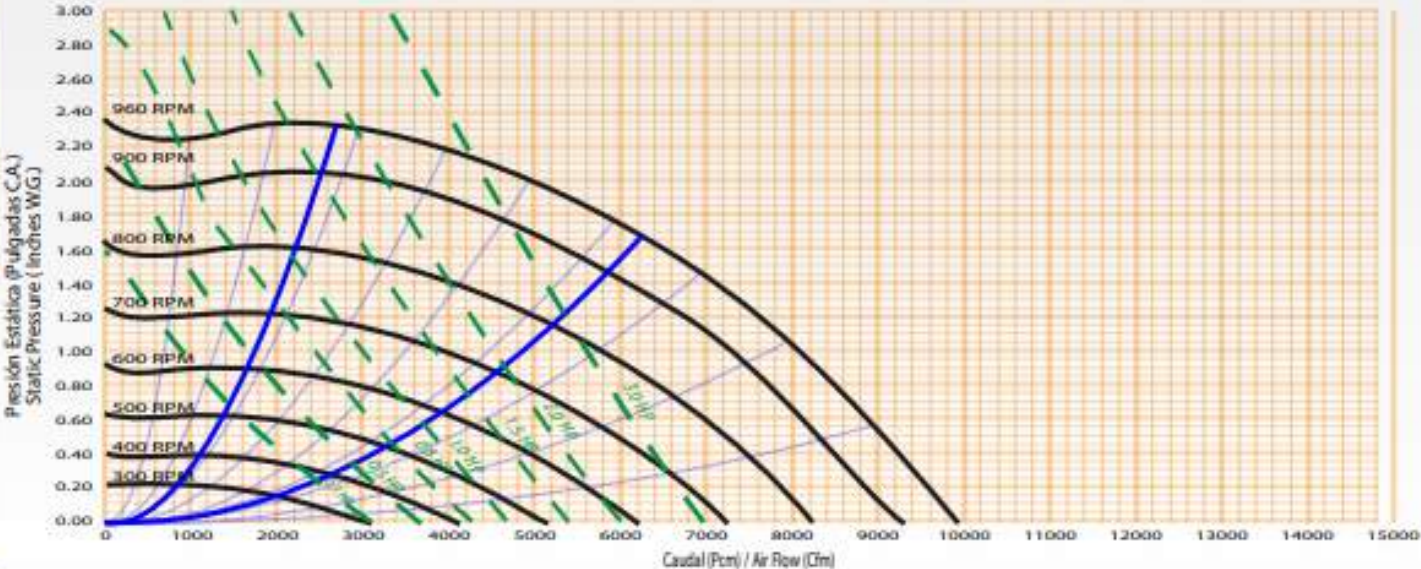
SI-15/9



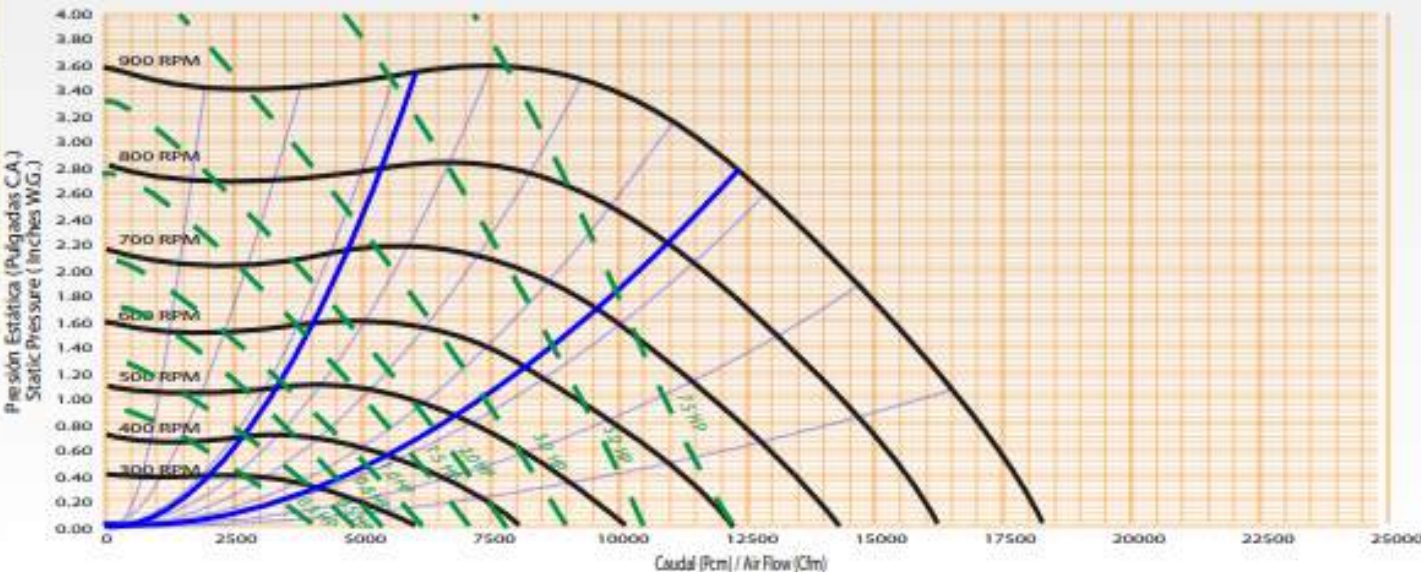
SI/DI/DIT

Curvas de operación / Operation curves

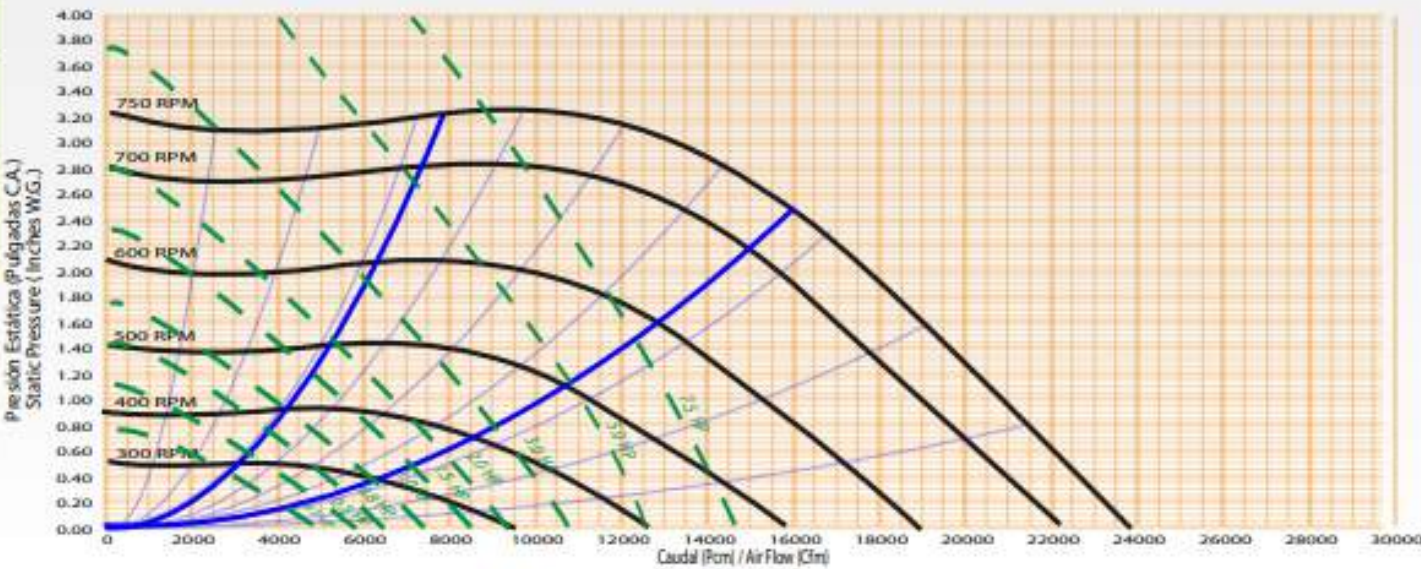
SI-18/9



SI-22/11



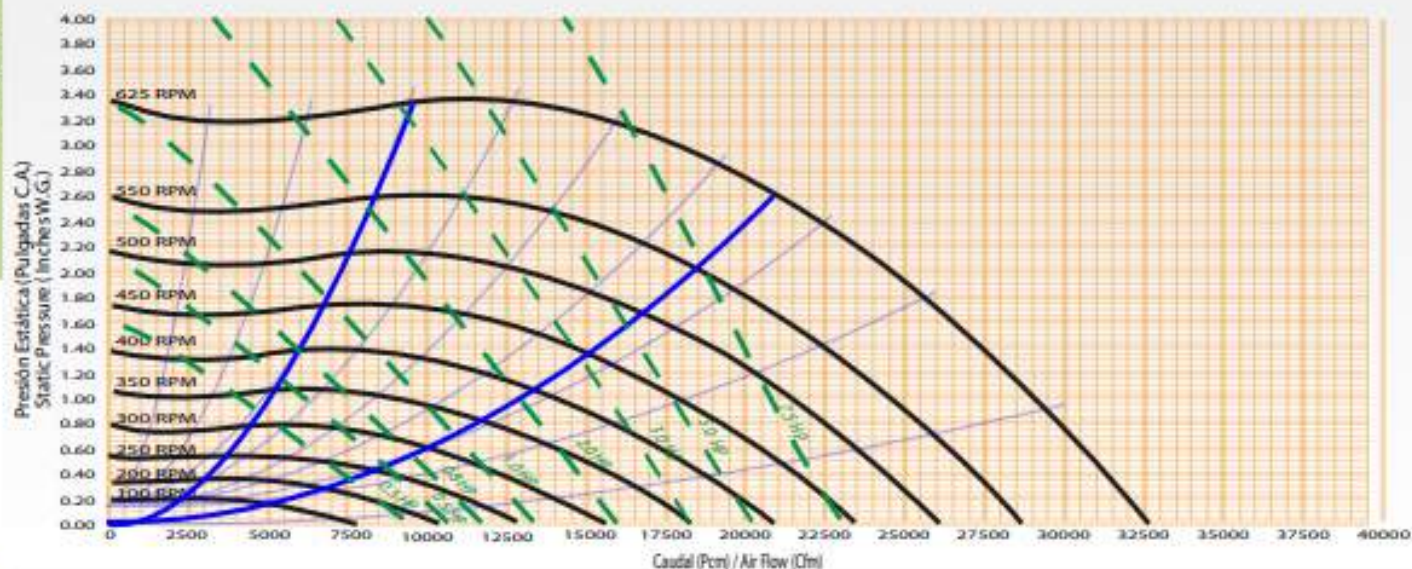
SI-25/12



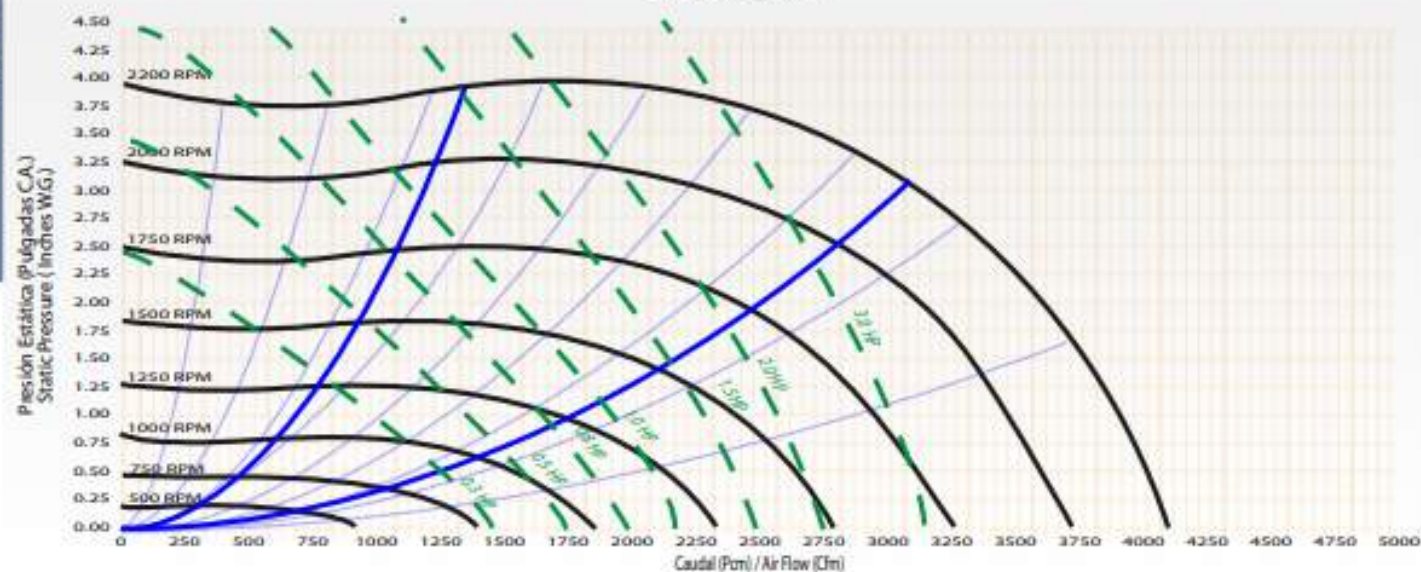
SI/DI/DIT

Curvas de operación / Operation curves

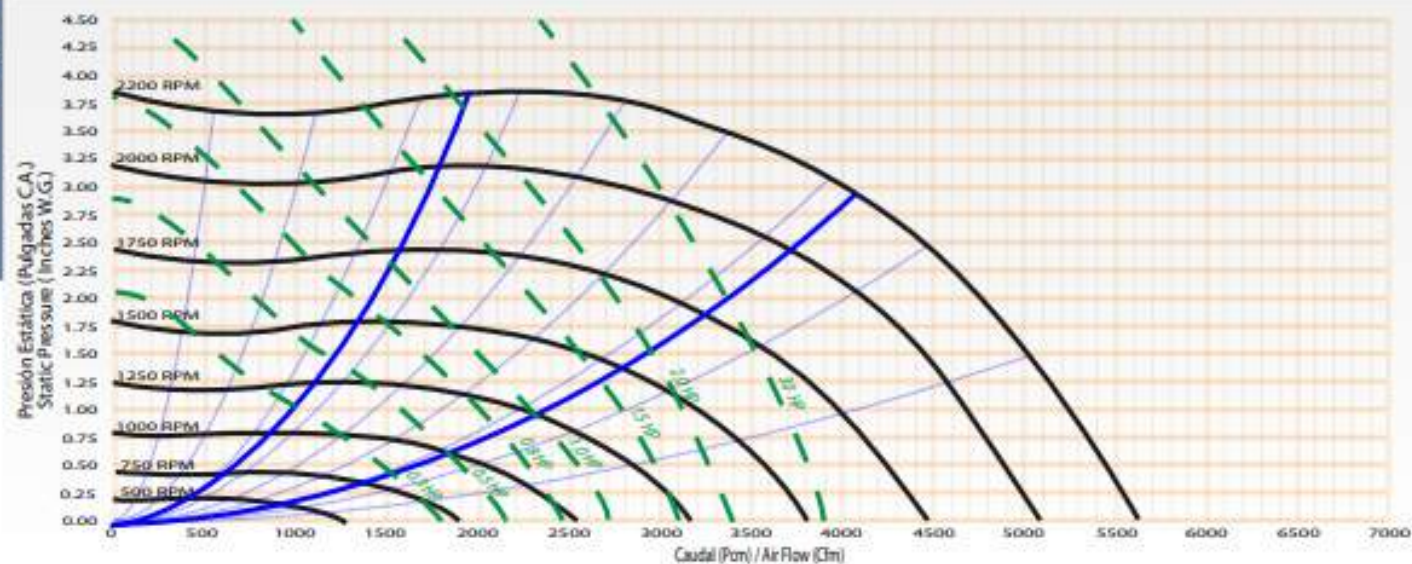
SI-30/15



DI-9/6



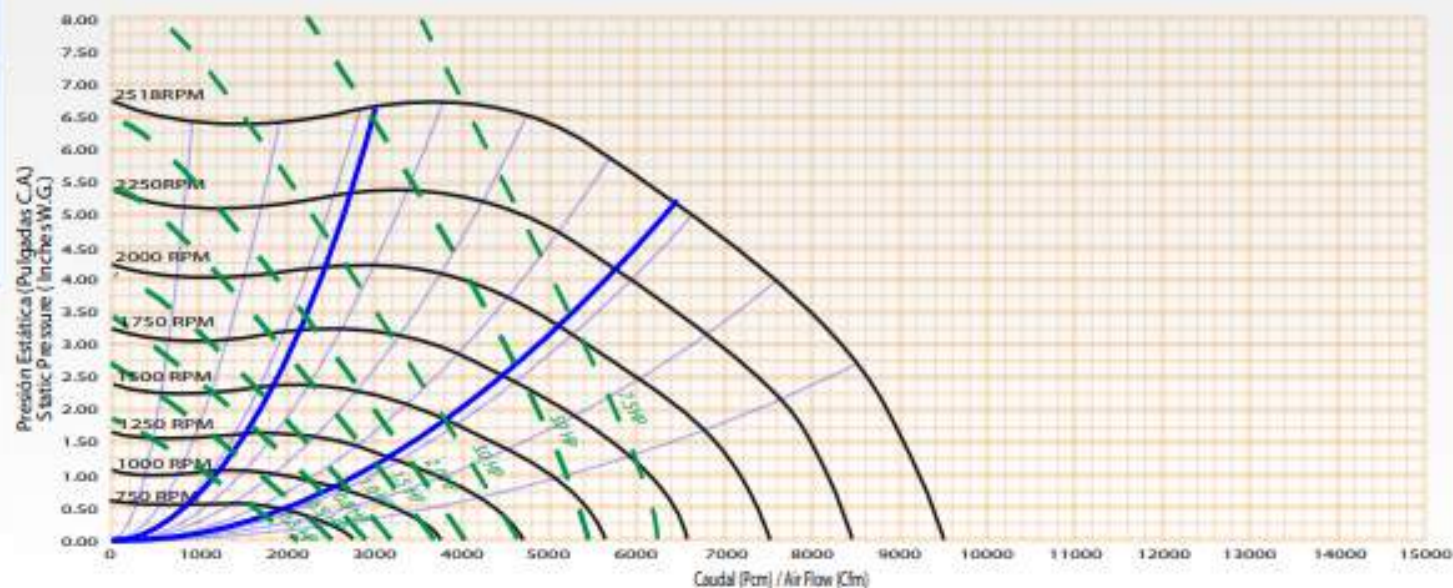
DI-9/9



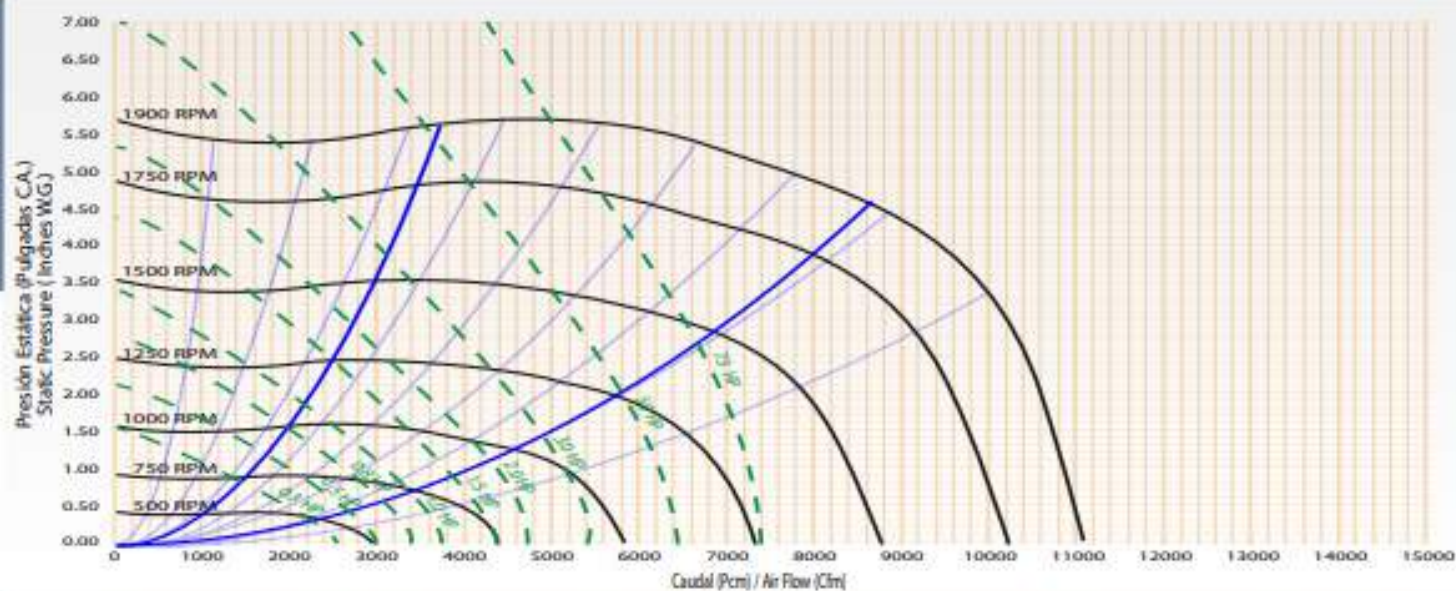
SI/DI/DIT

Curvas de operación / Operation curves

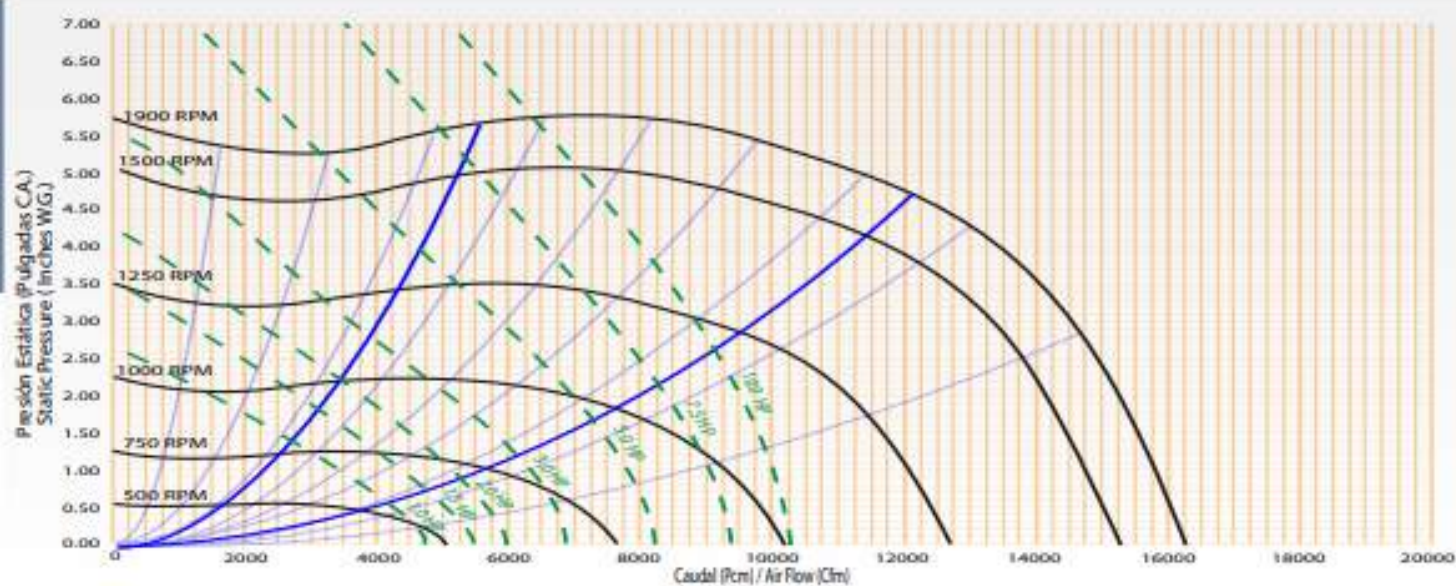
DI-10/10



DI-12/12



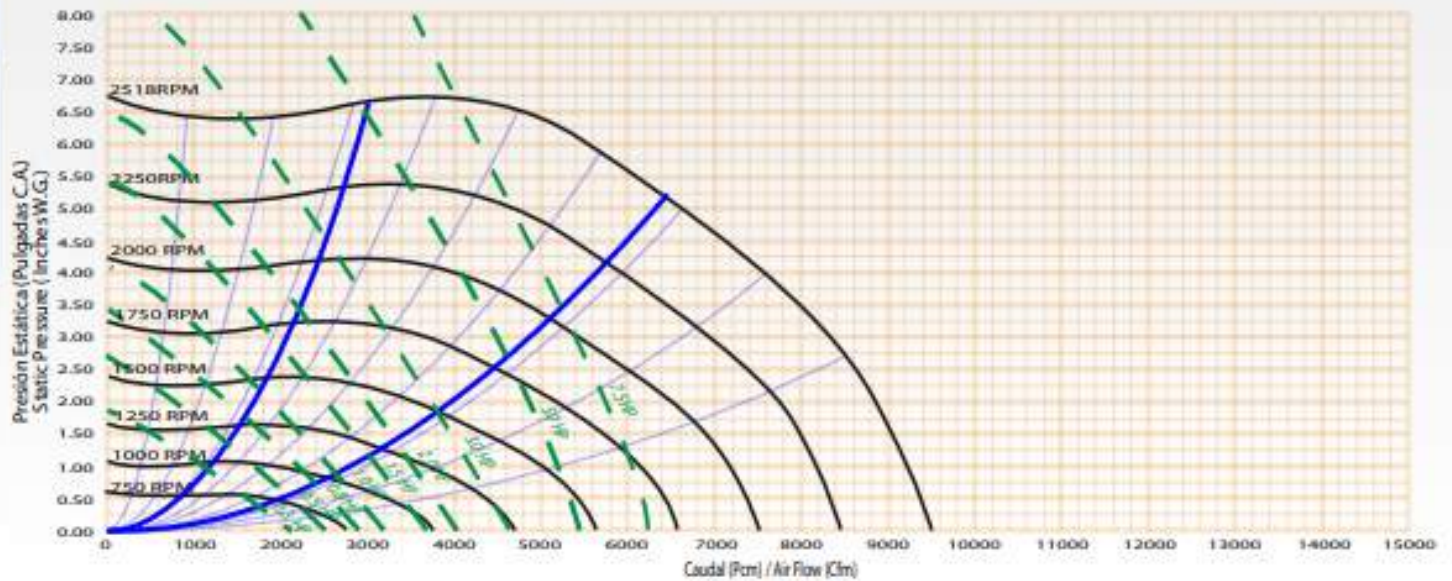
DI-15/15



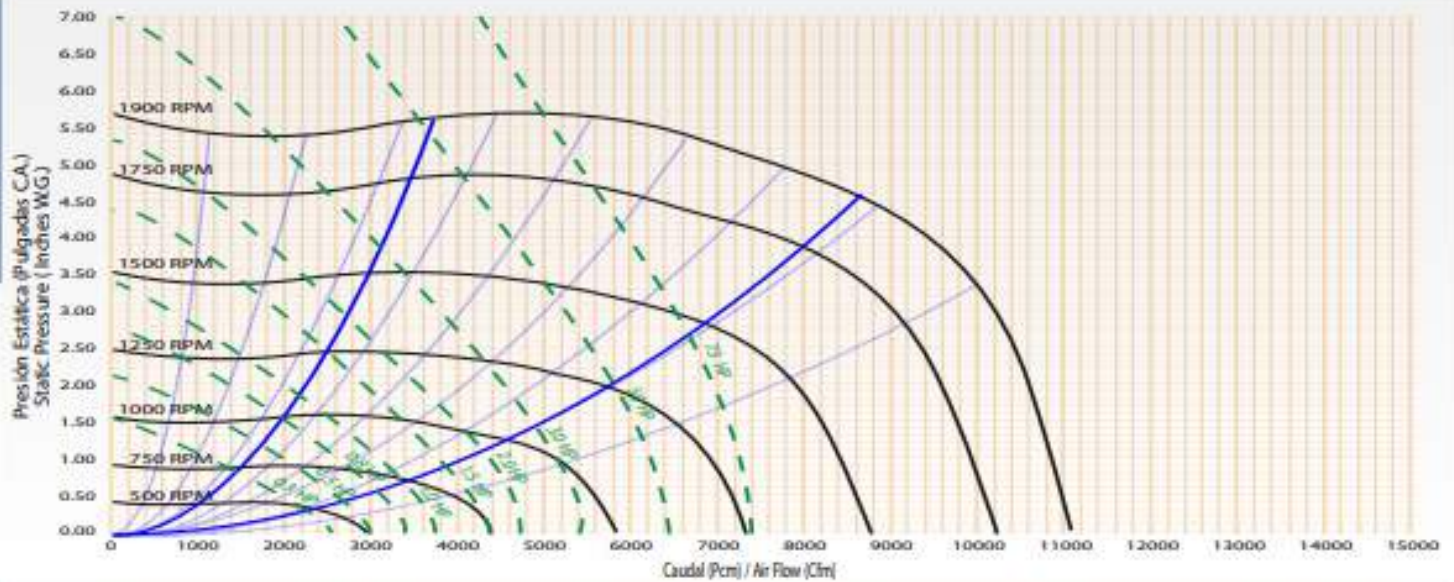
SI/DI/DIT

Curvas de operación / Operation curves

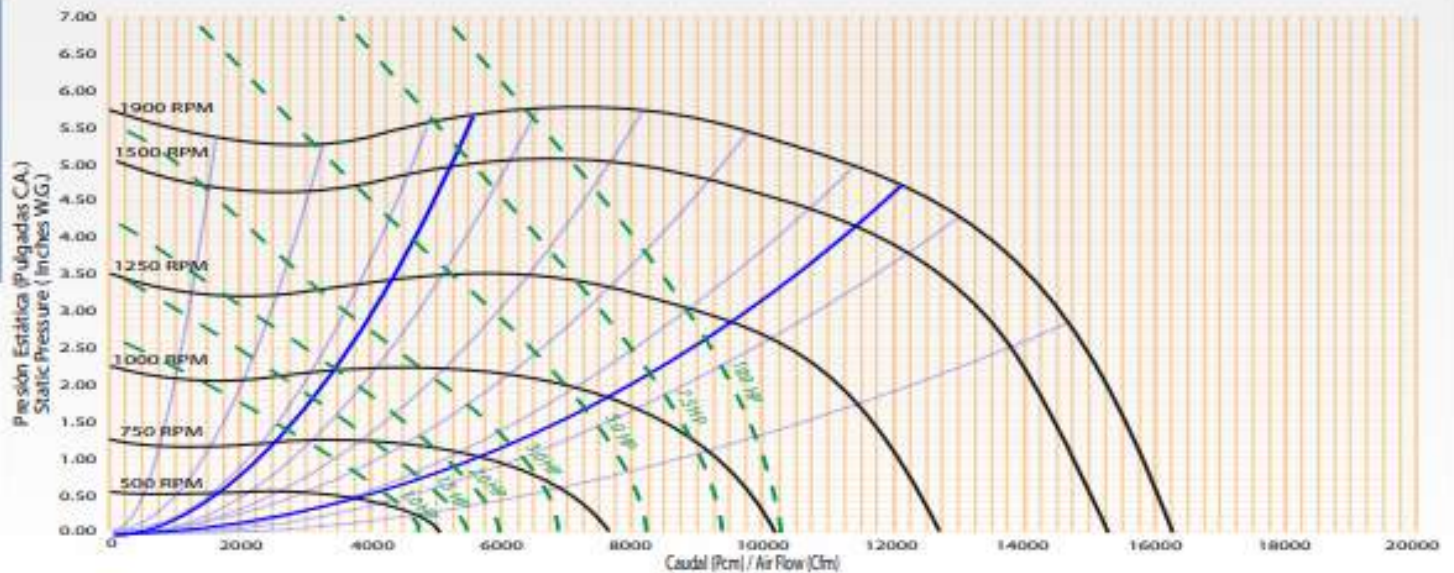
DI-10/10



DI-12/12



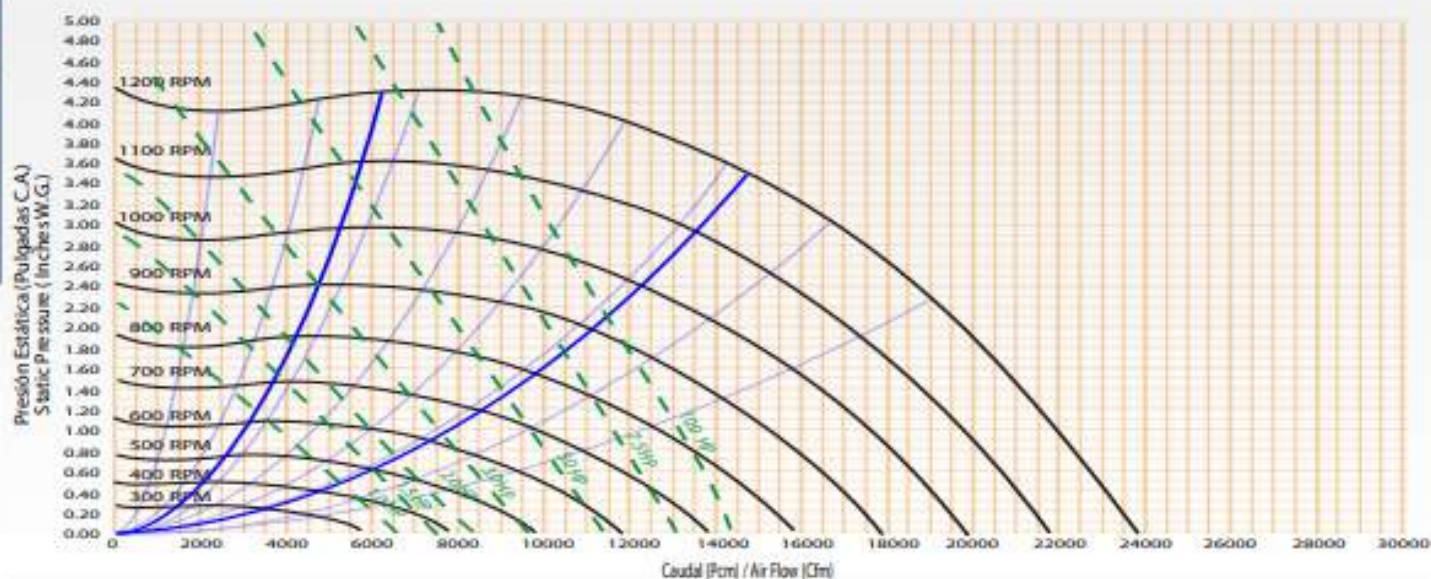
DI-15/15



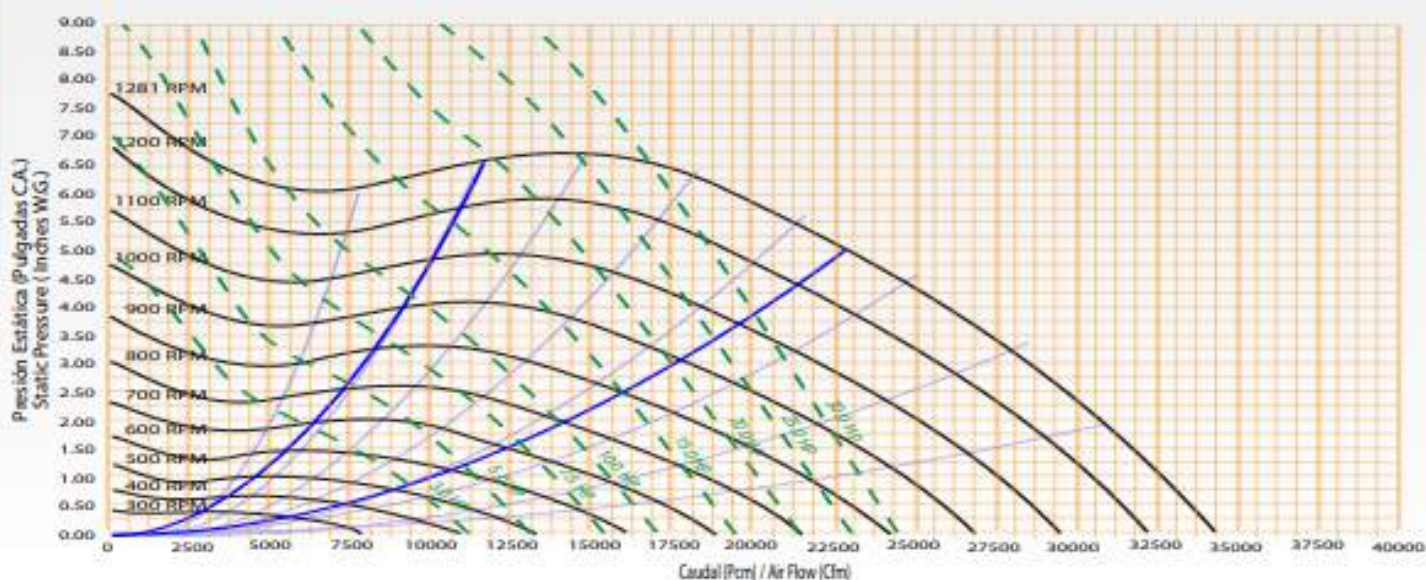
SI/DI/DIT

Curvas de operación / Operation curves

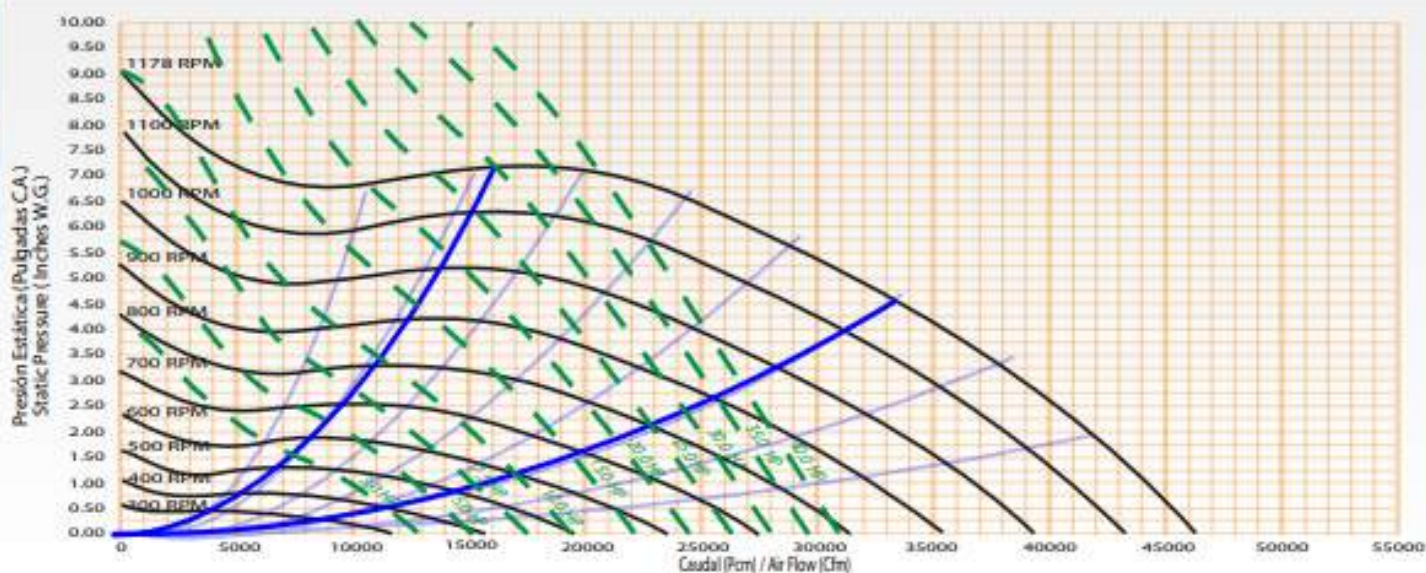
DI-18/18



DI-20/20



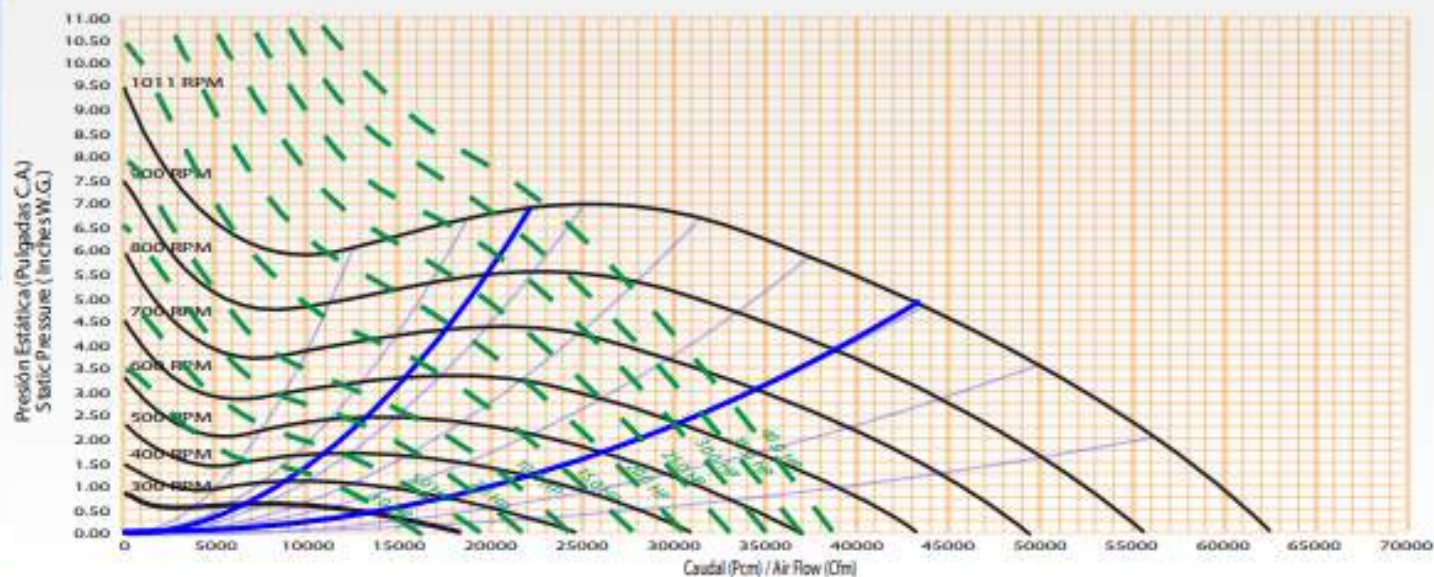
DI-22/22



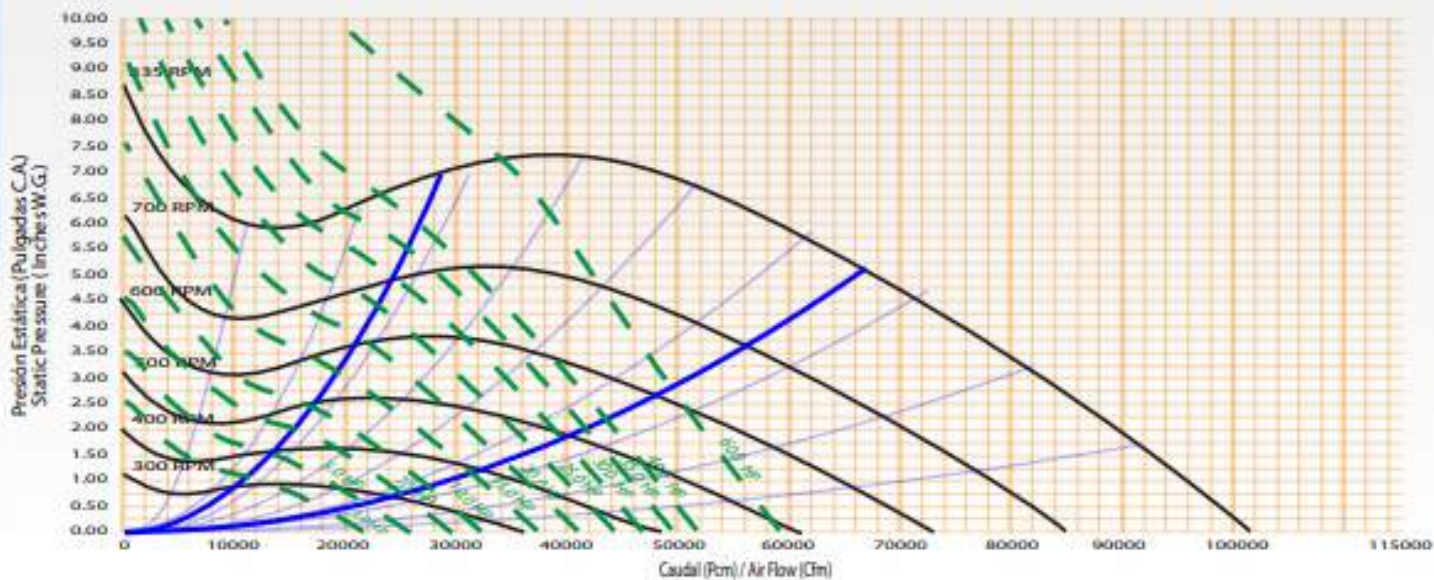
SI/DI/DIT

Curvas de operación / Operation curves

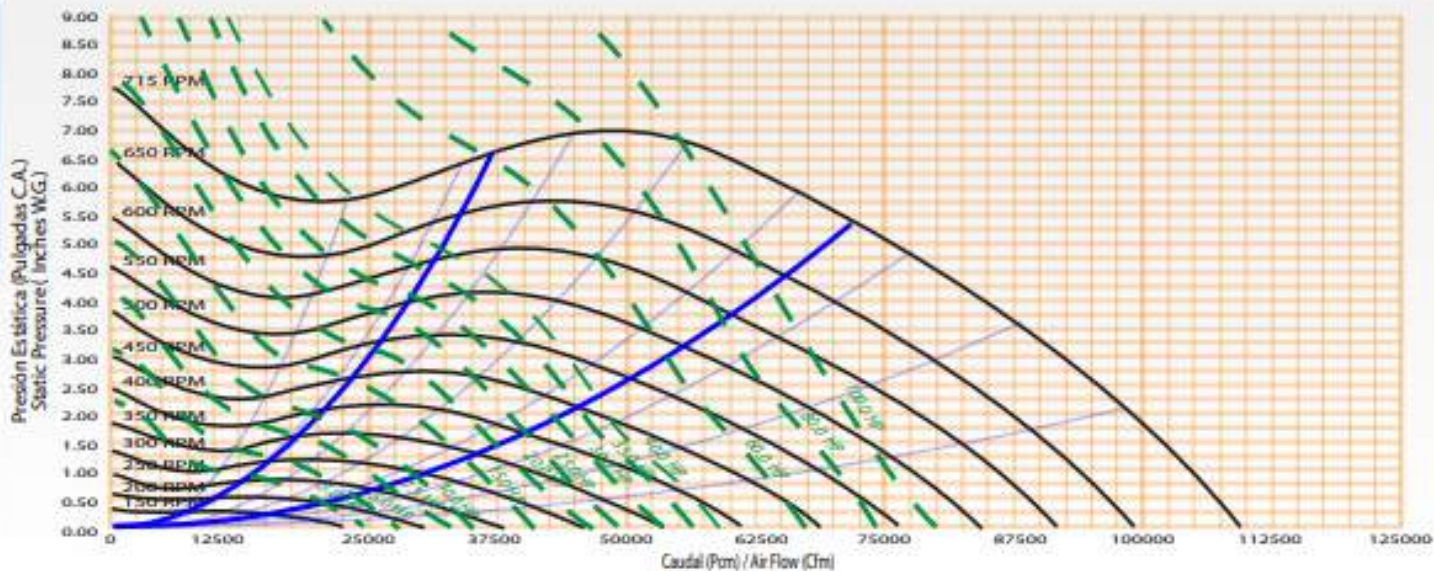
DI-25/25



DI-30/30



DI-36/36

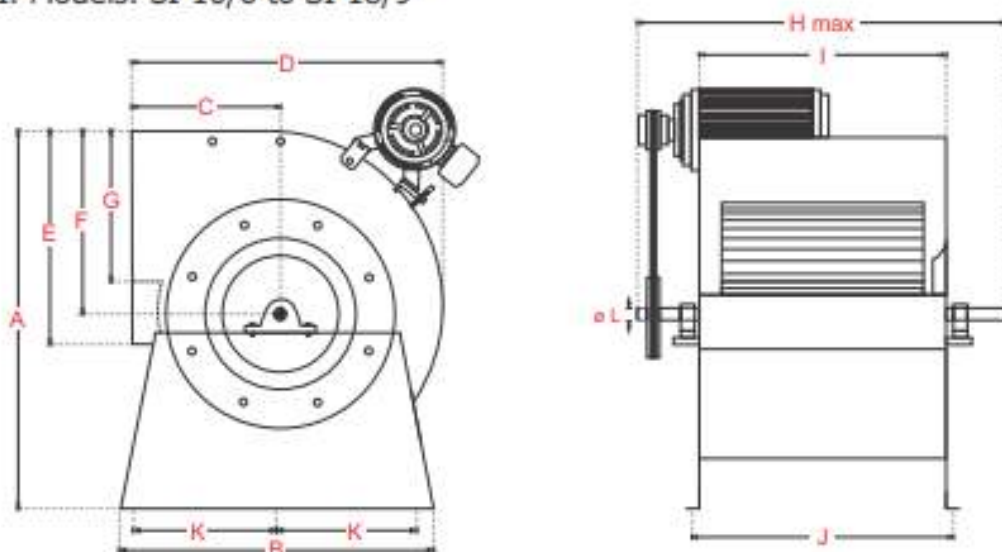


SI

Dimensiones generales / Dimensions

Arreglo 3I. Modelos: SI-10/6 al SI-18/9

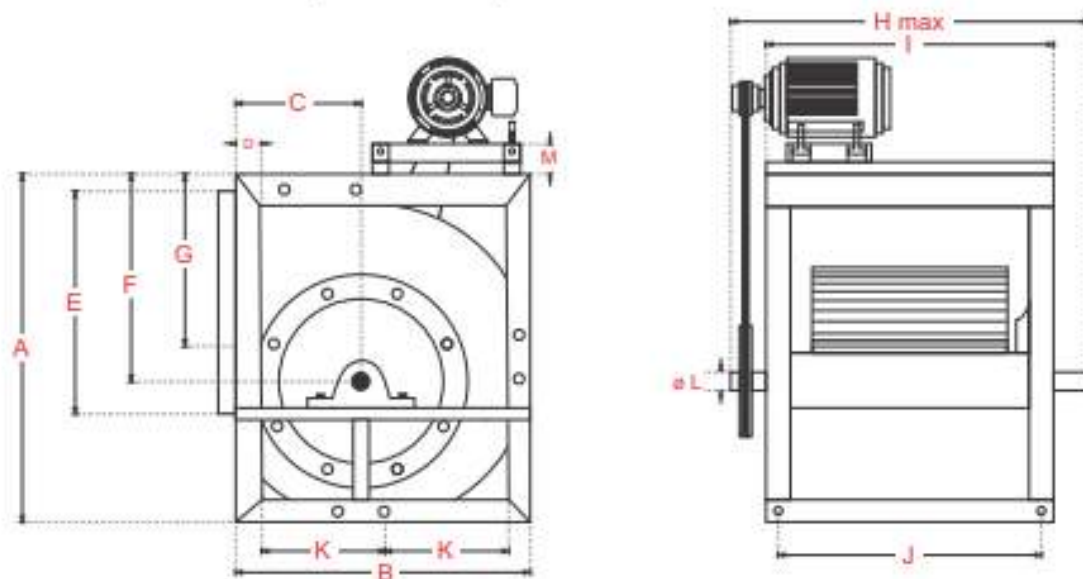
Arrangement 3I. Models: SI-10/6 to SI-18/9



Modelo Model	Pulgadas (Inches)											
	A	B	C	D	E	F	G	H	I	J	K	Ø L
SI-10/6	21 1/8	15 1/16	7 15/16	16 9/16	11 3/8	9 11/16	7	16 15/16	7 15/16	9 7/16	5 17/32	3/4
SI-12/6	21 7/32	15 11/32	8 1/32	16 27/32	13 5/8	10 1/32	8 3/8	17 11/16	8 11/16	10 3/16	5 43/64	3/4
SI-15/9	28	21 3/16	10 1/2	22 11/16	24 1/4	13 9/16	9 11/16	21 15/16	12 15/16	14 7/16	8 19/32	1
SI-18/9	32 15/16	25 1/2	12 3/8	27	29 3/16	16 5/16	11 3/4	21 15/16	12 15/16	14 7/16	10 3/4	1

Arreglo 3I. Modelos: SI-22/11 al SI-30/15

Arrangement 3I. Models: SI-22/11 to SI-30/15



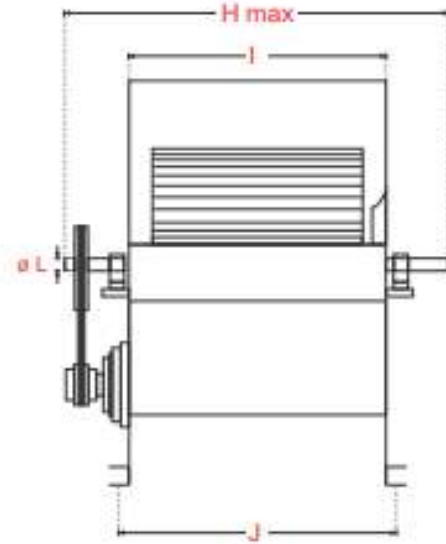
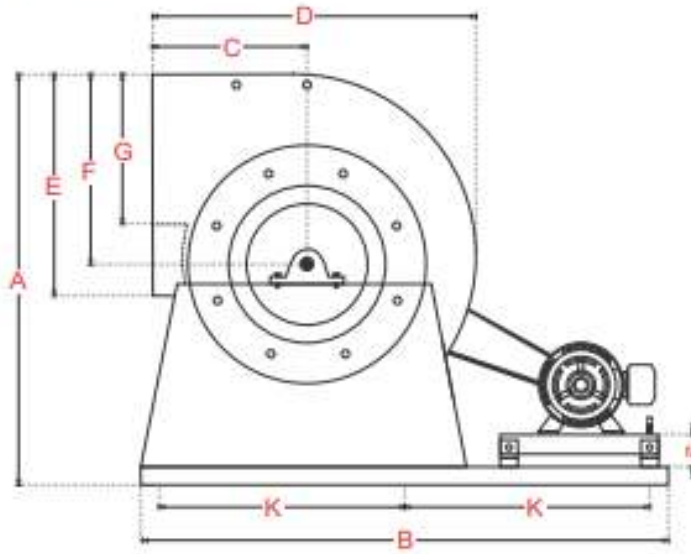
Modelo Model	Pulgadas (Inches)												
	A	B	C	D	E	F	G	H	I	J	K	Ø L	M
SI-22/11	39 3/4	32 21/32	15 11/16	2 3/4	27 1/4	22 19/32	14 3/4	31 1/8	21 1/8	19 1/8	14 21/64	1 1/8	2
SI-25/12	45	36 25/32	17 1/4	2 3/4	31 1/4	25 21/32	17 1/2	33 5/8	23 5/8	21 5/8	16 25/64	1 1/8	2
SI-30/15	53 5/8	44 5/8	19 5/8	2 3/4	37	30 9/16	21 3/4	37 3/4	27 3/4	25 3/4	20 5/16	1 3/8	2

SI

Dimensiones generales / Dimensions

Arreglo 3B. Modelos: SI-10/6 al SI-18/9

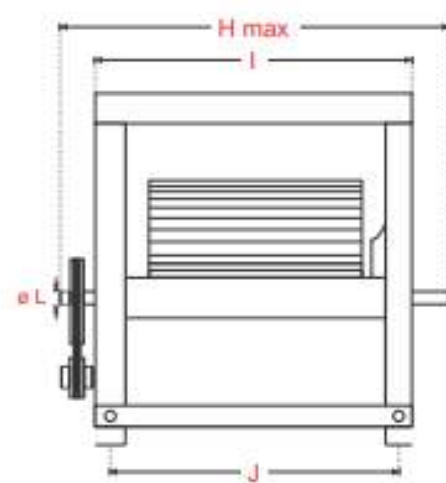
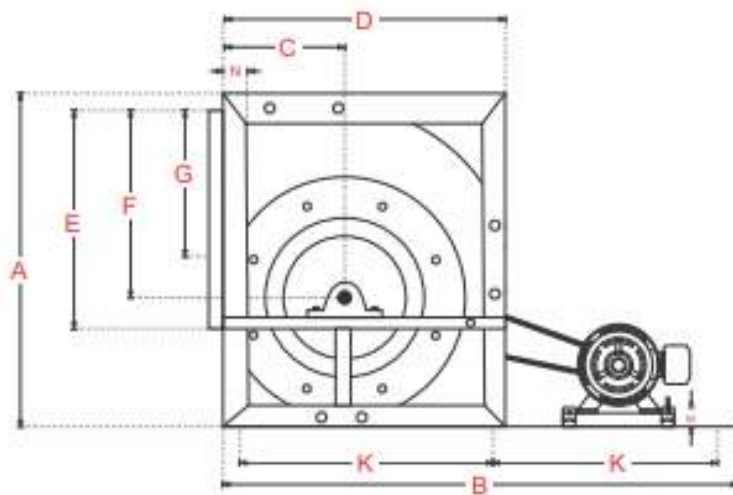
Arrangement 3B. Models: SI-10/6 to SI-18/9



Modelo Model	Pulgadas (Inches)												
	A	B	C	D	E	F	G	H	I	J	K	ØL	M
SI-10/6	21 1/8	27 1/16	7 15/16	16 9/16	11 3/8	9 11/16	7	16 15/16	7 15/16	9 7/16	11 17/32	3/4	1 1/2
SI-12/6	21 7/32	27 11/32	8 1/32	16 27/32	13 5/8	10 1/32	8 3/8	17 11/16	8 11/16	10 3/16	11 43/64	3/4	1 1/2
SI-15/9	28	33 3/16	10 1/2	22 11/16	24 1/4	13 9/16	9 11/16	21 15/16	12 15/16	14 7/16	14 19/32	1	1 1/2
SI-18/9	32 15/16	37 1/2	12 3/8	27	29 3/16	16 5/16	11 3/4	21 15/16	12 15/16	14 7/16	16 3/4	1	1 1/2

Arreglo 3B. Modelos: SI-22/11 al SI-30/15

Arrangement 3B. Models: SI-22/11 to SI-30/15



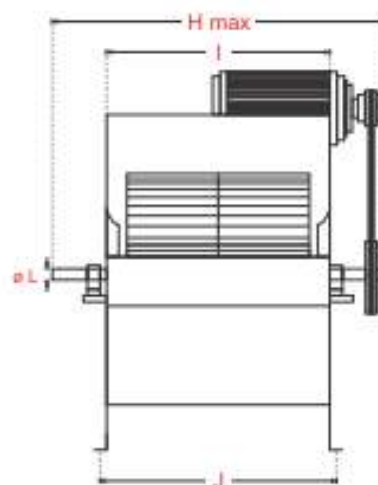
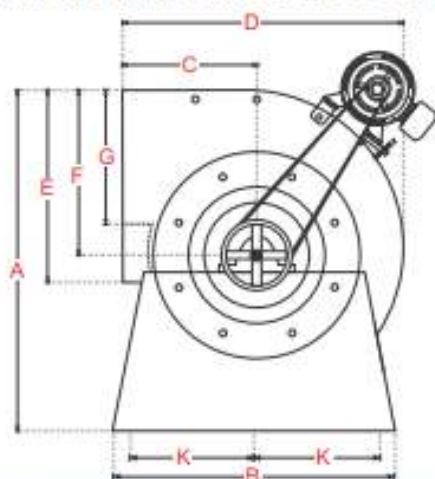
Modelo Model	Pulgadas (Inches)														
	A	B	C	D	E	F	G	H	I	J	K	Ø L	M	N	
SI-22/11	39 3/4	58 21/32	15 11/16	32 2/3	27 1/4	22 19/32	14 3/4	31 1/8	21 1/8	19 1/8	27 1/8	1 1/8	2	2 3/4	
SI-25/12	45	62 1/2	17 1/4	36 7/8	31 1/4	25 21/32	17 1/2	33 5/8	23 5/8	21 5/8	29 1/4	1 1/8	2	2 3/4	
SI-30/15	53 5/8	70 7/8	19 5/8	44 5/8	37	30 9/16	21 3/4	37 3/4	27 3/4	25 3/4	33 7/16	1 3/8	2	2 3/4	

DI

Dimensiones generales / Dimensions

Arreglo 3I. Modelos: DI-9/6 al DI-18/18

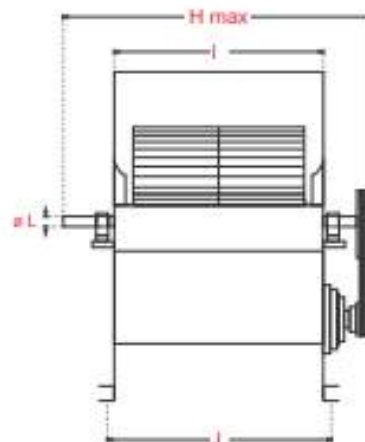
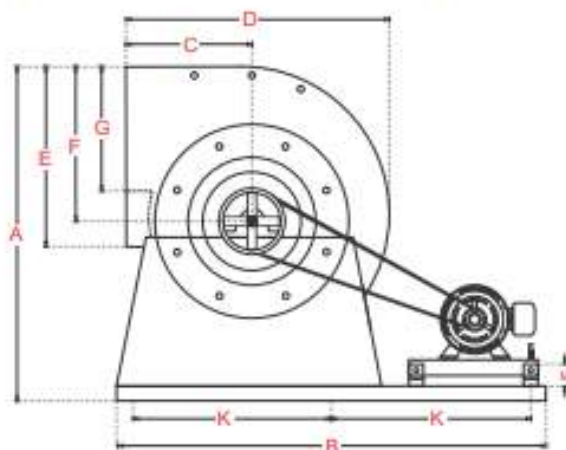
Arrangement 3I. Models: DI-9/6 to DI-18/18



Modelo Model	Pulgadas (Inches)											
	A	B	C	D	E	F	G	H max	I	J	K	Ø L
DI-9/6	19 3/16	13 7/16	7 15/64	14 15/16	10 1/4	8 5/8	6 5/16	18	9	10 1/2	4 23/32	3/4
DI-9/9	19 3/16	13 7/16	7 15/64	14 15/16	10 1/4	8 5/8	6 5/16	21 5/8	12 5/8	14 1/8	4 23/32	3/4
DI-10/10	21 1/8	15 1/16	7 15/16	16 9/16	11 3/8	9 11/16	7	23	14	15 1/2	5 17/32	3/4
DI-12/12	24 1/8	17 7/8	9 1/8	19 3/8	13 7/16	11 1/2	8 3/8	25 1/2	16 1/2	18	6 15/16	1
DI-15/15	28	21 3/16	10 1/2	22 11/16	15 7/8	13 9/16	9 11/16	28	19	20 1/2	8 19/32	1
DI-18/18	32 15/16	25 1/2	12 3/8	27	18 7/8	16 5/16	11 3/4	31 3/4	22 3/4	24 1/4	10 3/4	1 1/8

Arreglo 3B. Modelos: DI-9/6 al DI -8/18

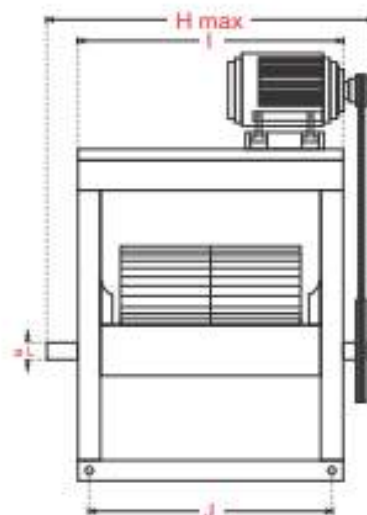
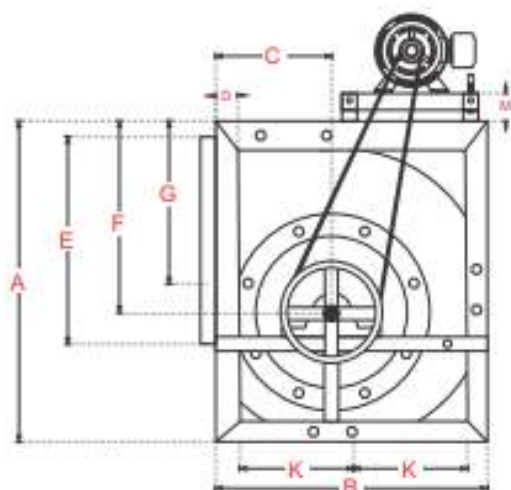
Arrangement 3B. Models: DI-9/6 to DI-18/18



Modelo Model	Pulgadas (Inches)													
	A	B	C	D	E	F	G	H	I	J	K	ø L	M	
DI-9/6	19 3/16	25 7/16	7 15/64	14 15/16	10 1/4	8 5/8	6 5/16	18	9	10 1/2	10 23/32	3/4	1 1/2	
DI-9/9	19 3/16	25 7/16	7 15/64	14 15/16	10 1/4	8 5/8	6 5/16	21 5/8	12 5/8	14 1/8	10 23/32	3/4	1 1/2	
DI-10/10	21 1/8	27 7/16	7 15/16	16 9/16	11 3/8	9 11/16	7	23	14	15 1/2	11 17/32	3/4	1 1/2	
DI-12/12	24 1/8	29 7/8	9 1/8	19 3/8	13 7/16	11 1/2	8 3/8	25 1/2	16 1/2	18	12 15/16	1	1 1/2	
DI-15/15	28	33 3/16	10 1/2	22 11/16	15 7/8	13 9/16	9 11/16	28	19	20 1/2	14 19/32	1	1 1/2	
DI-18/18	32 15/16	37 1/2	12 3/8	27	18 7/8	16 5/16	11 3/4	31 3/4	22 3/4	24 1/4	16 3/4	1 1/8	1 1/2	

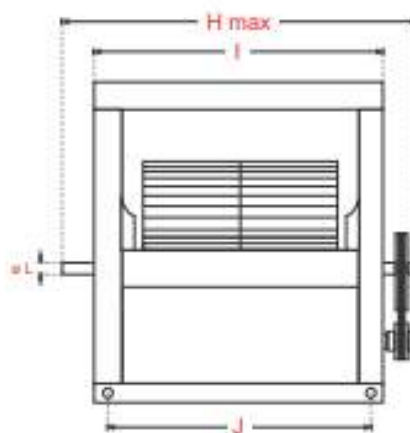
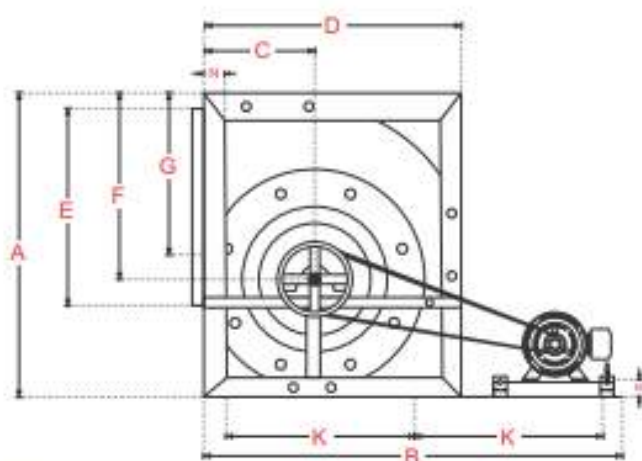
Dimensiones generales / Dimensions

Arreglo 3I. Modelos: DI-20/20 al DI-36/36
Arrangement 3I. Models: DI-20/20 to DI-36/36



Modelo Model	Pulgadas (Inches)												
	A	B	C	D	E	F	G	H	I	J	K	Ø L	M
DI-20/20	36 1/8	29 19/32	14 7/16	2 3/4	24 3/4	20 17/32	15	38 3/4	28 3/4	26 3/4	12 4/5	1 1/8	2
DI-22/22	39 3/4	32 2/3	15 11/16	2 3/4	27 1/4	22 19/32	16 3/4	41 1/4	31 1/4	29 1/4	14 1/3	1 3/8	2
DI-25/25	45	36 7/8	17 1/4	2 3/4	31 1/4	25 21/32	19 1/2	45 1/4	35 1/4	33 1/4	16 2/5	1 3/8	2
DI-30/30	53 3/4	44 5/8	19 5/8	2 3/4	37	30 9/16	23 3/4	50 3/4	40 3/4	38 3/4	20 5/16	1 5/8	2
DI-36/36	57 7/8	50 5/8	24 19/32	2 3/4	42 15/16	32 1/4	25 5/8	56 3/4	46 3/4	44 3/4	23 5/16	1 7/8	2

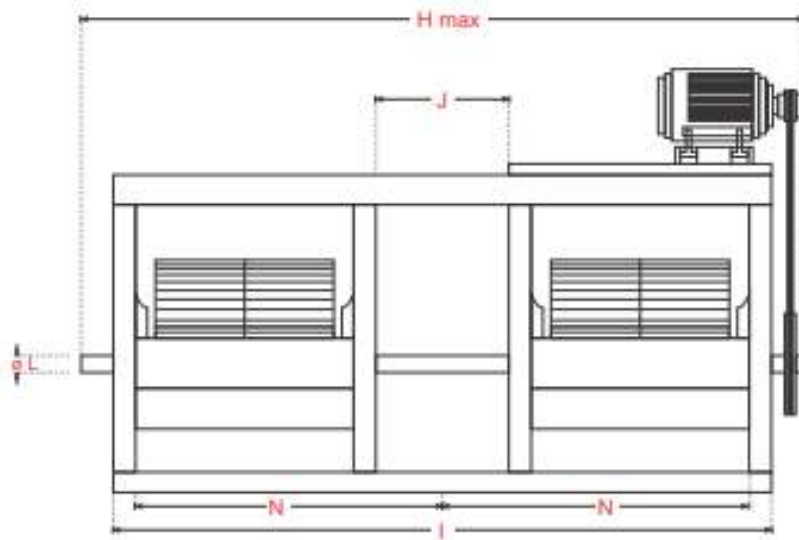
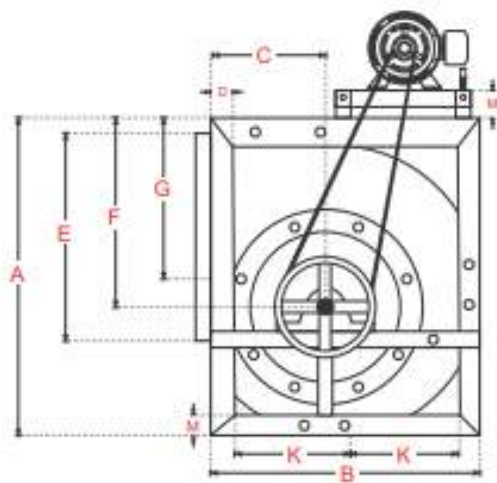
Arreglo 3B. Modelos: DI-20/20 al DI-36/36
Arrangement 3B. Models: DI-20/20 to DI-36/36



Modelo Model	Pulgadas (Inches)													
	A	B	C	D	E	F	G	H	I	J	K	Ø L	M	N
DI-20/20	36 1/8	55	14 7/16	29 19/32	24 3/4	20 17/32	15	38 3/4	28 3/4	26 3/4	25 1/2	1 1/8	2	2 3/4
DI-22/22	39 3/4	58 1/4	15 11/16	32 21/32	27 1/4	22 19/32	16 3/4	41 1/4	31 1/4	29 1/4	27 1/8	1 3/8	2	2 3/4
DI-25/25	45	62 1/2	17 1/4	36 25/32	31 1/4	25 21/32	19 1/2	45 1/4	35 1/4	33 1/4	29 1/4	1 3/8	2	2 3/4
DI-30/30	53 3/4	70 7/8	19 5/8	44 5/8	37	30 9/16	23 3/4	50 3/4	40 3/4	38 3/4	33 7/16	1 5/8	2	2 3/4
DI-36/36	57 7/8	76 3/8	24 19/32	50 5/8	42 15/16	32 1/4	25 5/8	56 3/4	46 3/4	44 3/4	36 3/16	1 7/8	2	2 3/4

Dimensiones generales / Dimensions

Modelos: DIT: 10/10, 12/12 y 15/15
Models: DIT: 10/10, 12/12 and 15/15



Modelo Model	Pulgadas (Inches)														
	A	B	C	D	E	F	G	H	I	J	K	Ø L	M	N	O
DIT-10/10	17 3/8	16 9/16	7 15/16	1 9/16	11 3/8	9 11/16	7	44 7/8	35 7/8	7 7/8	6	3/4	1 1/2	16 7/16	1 1/2
DIT-12/12	20 3/8	19 3/8	9 1/8	1 9/16	13 7/16	11 1/2	8 3/8	49 7/8	40 7/8	7 7/8	10 13/32	1	1 1/2	18 15/16	1 1/2
DIT-15/15	24 1/4	22 11/16	10 1/2	1 9/16	15 7/8	13 9/16	9 11/16	54 7/8	45 7/8	7 7/8	12 1/16	1	1 1/2	21 7/16	1 1/2