



# Ventiladores Centrífugos de Doble Aspiración Aplicaciones Industriales **CMD**

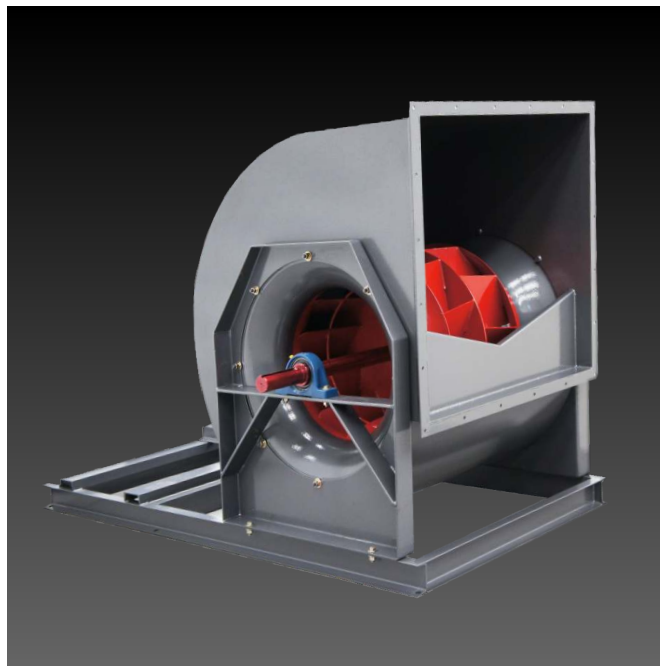






# CMD

**VENTILADOR CENTRÍFUGO DE DOBLE ASPIRACIÓN  
RODETE DE ÁLABES ATRASADOS  
APLICACIONES INDUSTRIALES**



Equipos robustos, para aplicaciones totalmente industriales. La serie cuenta con 15 tamaños, disponibles del 280 al 1400 de diámetro nominal.

Todos sus tamaños son fabricados con rodete, eje, rodamientos y bastidor reforzados, se han agregado la puerta de inspección, el tubo dren y la brida en descarga, como componentes de línea.

El equipo CMD es construido con materiales altamente resistentes y soldadura del tipo continuo, adecuados para cada tamaño y capacidad de funcionamiento.

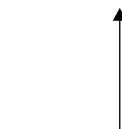
Para lograr su máximo nivel de eficiencia en aplicaciones de alta presión, el ajuste entre el venturi y el rodete es reducido al mínimo, con el objetivo de disminuir la turbulencia provocada por la presión dinámica en la aspiración y aumentar el flujo del aire, reduciendo el nivel sonoro.

Entre sus principales aplicaciones se encuentran, sistemas de ventilación y aire acondicionado, así como; inyección de aire por cámara plena, suministro o extracción de aire limpio en plantas farmacéuticas y automotrices; hospitales, laboratorios, manufactureras de componentes electrónicos, etc.

## NOMENCLATURA

### CMD 315 CW

Modelo  
CMD Turbina álabes atrasados



Tamaño  
280, 315, 355, 400, 450, 500, 560, 630,  
710, 800, 900, 1000, 1120, 1250 y 1400

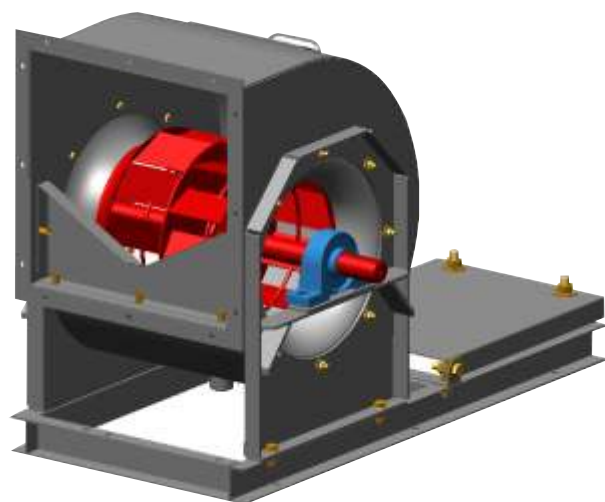


Rotación  
CW- Derecha  
CCW- Izquierda



# CMD

## VENTILADOR CENTRÍFUGO DE DOBLE ASPIRACIÓN RODETE DE ÁLABES ATRASADOS APLICACIONES INDUSTRIALES



Tipo de rodete: álabes atrasados  
Rotación: CW y CCW  
Tamaños: 280, 315, 355, 400, 450, 500, 560, 630, 710, 800, 900, 1000, 1120, 1250 y 1400.

Rango de caudal: 2,594 m<sup>3</sup>/hr (1,526 CFM) hasta 280,000 m<sup>3</sup>/hr (164,706 CFM).  
Presión estática máxima: 304.8 mm c.a. (12 inwg).

Descripción constructiva:  
Carcasa y rodete reforzado en lámina negra y bastidor con canal estructural. El acabado es con pintura poliéster de aplicación electrostática en polvo.

Accesorios de línea:  
Conjunto bastidor  
Brida descarga  
Puerta de inspección  
Tubo de drene

## CARACTERÍSTICAS CONSTRUCTIVAS



### RODETES

Rodetes de álabes atrasados, fabricados en lámina negra con soldadura del tipo continuo, aportando fuerza al conjunto y previniendo vibraciones futuras, además de ser balanceados dinámicamente a grado G. 2.5.

Con acabado en pintura poliéster de aplicación electrostática en polvo.

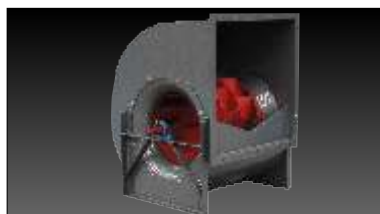
Su diseño minimiza las pérdidas de energía, dando como resultado un rodete de altos niveles de eficiencia.



### EJE

Los ejes se fabrican con acero AISI C-1045, utilizando un proceso automático para el posicionamiento y corte de los cuñeros.

Todas las tolerancias dimensionales del eje, son totalmente comprobadas, con el fin de garantizar un ajuste preciso y posteriormente, son revestidas con un barniz anticorrosión durante el montaje.



### CARCASA

Para los tamaños 280 hasta 710, las carcasas son fabricadas en lámina negra con soldadura del tipo continuo y acabado con pintura poliéster de aplicación electrostática en polvo.

En los tamaños 800 hasta 1400, las carcasas son bipartidas, fabricadas en lámina negra, con soldadura del tipo continuo, brindando mayor resistencia y fuerza en las uniones y aportando mayor rigidez al conjunto, el acabado es con pintura poliéster de aplicación electrostática en polvo.



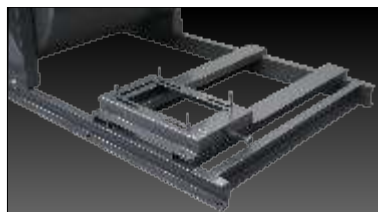
# CMD

## VENTILADOR CENTRÍFUGO DE DOBLE ASPIRACIÓN RODETE DE ÁLABES ATRASADOS APLICACIONES INDUSTRIALES



### RODAMIENTOS

Los rodamientos seleccionados han sido calculados para un óptimo desempeño en aplicaciones de servicio pesado; superando las 200,000 horas de vida nominal.



### CONJUNTO BASTIDOR

Fabricado con canal estructural. Este accesorio es de fácil montaje y fijación, listo para ser acoplado al interior de otros equipos. El acabado es con pintura poliéster de aplicación electrostática en polvo.



### BRIDA DESCARGA

Accesorio integrado al equipo para facilitar el acoplamiento al sistema de ductos, cuenta con barrenos para su fácil sujeción.



### PUERTA DE INSPECCIÓN

Diseñada para el mantenimiento y la fácil supervisión del funcionamiento del equipo. Se encuentra atornillada a la carcasa y está fabricada del mismo material.



### TUBO DE DRENE

Cople localizado en la parte inferior del equipo en cualquier posición de descarga, para facilitar el drenado de condensados y contaminantes del interior del ventilador.

### PINTURA

La pintura estándar S&P, es ideal para aplicaciones comerciales e industriales, donde los contaminantes corrosivos sean de moderados a bajos.

Todo el conjunto se somete a un proceso de prepintado, que sirve de enlace entre el metal base y la pintura, donde el acero es tratado químicamente para garantizar la adherencia de la pintura poliéster. Posteriormente, a través de un proceso electrostático se aplica la pintura en polvo, pasando al horneado donde la pieza adquiere sus más altas características de resistencia a la corrosión. La resistencia a la corrosión pasa por el método de prueba en cámara de niebla salina (ASTM B-117), la cual nos garantiza como mínimo un total de 800 horas dentro de la misma.



## SELECCIÓN DEL VENTILADOR

El caudal y la presión requerida en un punto específico de trabajo, son los parámetros necesarios para la correcta selección del ventilador y la determinación del montaje de la transmisión y potencia del motor.

Elección del motor:

Las curvas de potencias indicadas en las gráficas son potencias absorbidas al eje del ventilador en HP. Se recomienda considerar entre un 10 y un 15% adicional para compensar las pérdidas por fricción en la transmisión.

Nivel sonoro:

El número de dB de un ventilador es una expresión del nivel de ruido, que produce el funcionamiento del mismo, y como tal, vendrá caracterizado por una potencia sonora  $L_w(A)$ . El nivel de esta potencia sonora debe formar parte de los datos de catálogo del aparato, como una característica más para la correcta selección del equipo. Al ser el número de dB asociado a su funcionamiento, lo que limita su utilización a locales que permitan ese nivel de ruido.

### Ejemplo de selección para equipos centrífugos modelo CMD

Modelo: CMD 900.  
Caudal: 52,000 m<sup>3</sup>/hr (30,588 CFM).  
Presión Estática: 103 mm c.a. (4.05 in wg).

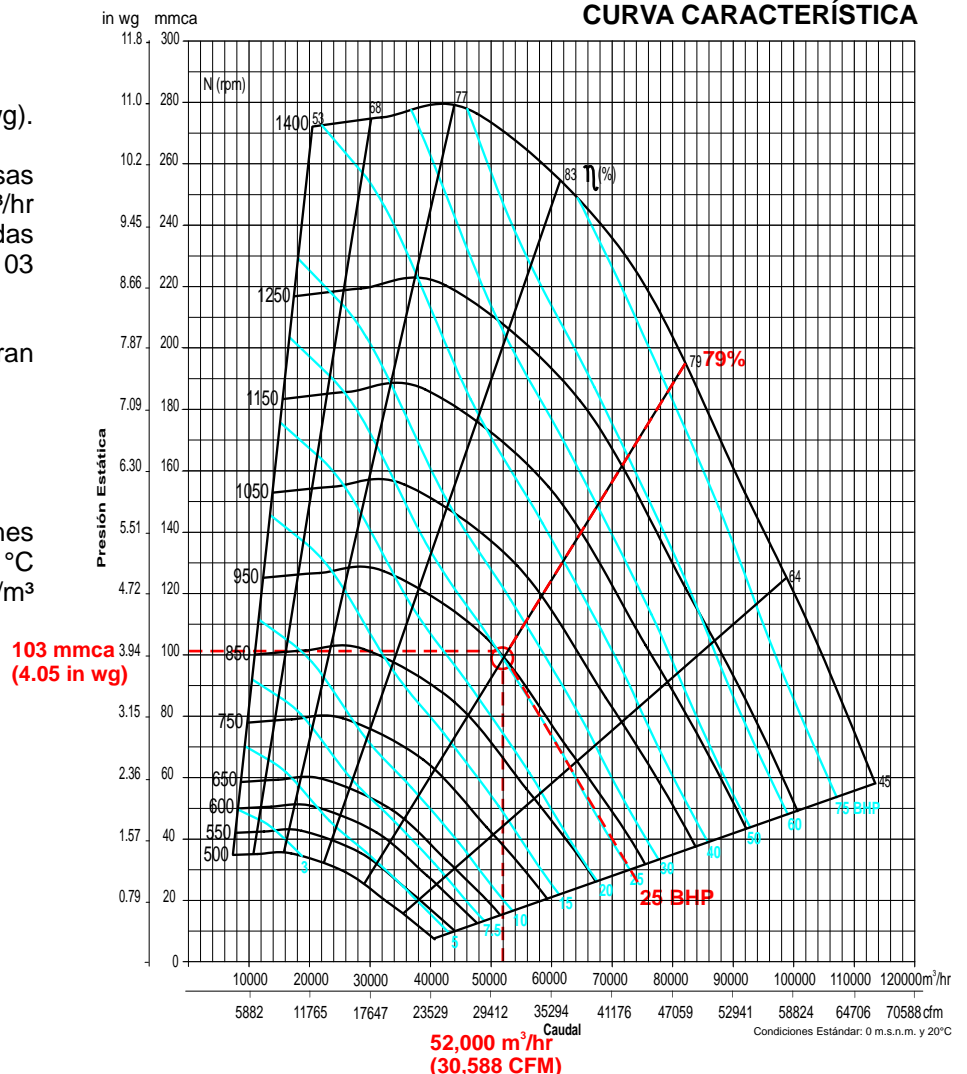
Nos situamos en el eje de abscisas (horizontal) con un caudal de 52,000 m<sup>3</sup>/hr (30,588 CFM) y en el eje de ordenadas (vertical) con una presión estática de 103 mm c.a. (4.05 in wg).

Con estas condiciones se encuentran en la curva característica a 950 r.p.m.:

BHP: 25  
Eficiencia Total: 79%

Selección realizada a condiciones estándar: 0 m.s.n.m. (0 ft.s.n.m.), 20 °C (70 °F), Densidad del aire: 1.2 kg/m<sup>3</sup> (0.075 lb/ft<sup>3</sup>).

### CMD 900 CURVA CARACTERÍSTICA





## FACTORES DE CORRECCIÓN DE DENSIDAD DEL AIRE POR ALTITUD Y TEMPERATURA

Los valores que se presentan en las tablas de selección de este catálogo se refieren a condiciones estándar de operación, 0 metros s.n.m. (0 ft.s.n.m.), 20 °C (70 °F), densidad del aire: 1.2 kg/m<sup>3</sup> (0.075 lb/ft<sup>3</sup>). Se deben aplicar factores de corrección cuando la temperatura, humedad, altura, composición del gas o cualquier combinación de estas causas provoque un cambio de la densidad en más de un 5% con respecto a la densidad estándar.

La siguiente tabla muestra los valores de los factores de corrección aplicables.

Temp. (°C)	Altitud sobre el nivel del mar (metros)															
	0	300	500	750	1000	1250	1400	1563	1750	1850	2000	2150	2240	2445	2675	3000
0	1.077	1.039	1.008	0.983	0.954	0.926	0.909	0.891	0.871	0.861	0.845	0.830	0.821	0.801	0.779	0.748
10	1.039	1.002	0.978	0.949	0.920	0.893	0.877	0.860	0.840	0.830	0.815	0.800	0.792	0.772	0.751	0.722
20	1.004	0.968	0.945	0.916	0.889	0.862	0.847	0.830	0.812	0.802	0.787	0.773	0.765	0.746	0.725	0.697
30	0.971	0.936	0.914	0.886	0.860	0.834	0.819	0.803	0.785	0.775	0.761	0.748	0.740	0.721	0.702	0.674
40	0.940	0.906	0.884	0.858	0.832	0.807	0.793	0.777	0.760	0.751	0.737	0.724	0.716	0.698	0.679	0.653
50	0.911	0.878	0.857	0.831	0.807	0.782	0.768	0.753	0.736	0.727	0.714	0.701	0.694	0.677	0.658	0.633
60	0.883	0.852	0.831	0.806	0.782	0.759	0.745	0.731	0.714	0.706	0.693	0.680	0.673	0.656	0.638	0.614
70	0.858	0.827	0.807	0.783	0.760	0.737	0.724	0.709	0.693	0.685	0.673	0.661	0.653	0.637	0.620	0.596
80	0.833	0.804	0.784	0.761	0.738	0.716	0.703	0.689	0.674	0.666	0.654	0.642	0.635	0.619	0.602	0.579
90	0.810	0.781	0.763	0.740	0.718	0.696	0.684	0.670	0.655	0.647	0.636	0.624	0.617	0.602	0.586	0.563
100	0.789	0.760	0.742	0.720	0.699	0.678	0.665	0.652	0.638	0.630	0.619	0.608	0.601	0.586	0.570	0.548
110	0.768	0.741	0.723	0.701	0.680	0.660	0.648	0.635	0.621	0.614	0.603	0.592	0.585	0.571	0.555	0.534
120	0.749	0.722	0.705	0.683	0.663	0.643	0.632	0.619	0.605	0.598	0.587	0.577	0.570	0.556	0.541	0.520
130	0.730	0.704	0.687	0.666	0.647	0.627	0.616	0.604	0.590	0.583	0.573	0.562	0.556	0.543	0.528	0.507
140	0.712	0.687	0.670	0.650	0.631	0.612	0.601	0.589	0.576	0.569	0.559	0.549	0.543	0.529	0.515	0.495
150	0.696	0.671	0.655	0.635	0.616	0.598	0.587	0.575	0.562	0.556	0.546	0.536	0.530	0.517	0.503	0.483
200	0.622	0.600	0.585	0.568	0.551	0.534	0.525	0.515	0.503	0.497	0.488	0.479	0.474	0.462	0.450	0.432
250	0.563	0.543	0.529	0.514	0.498	0.483	0.475	0.465	0.455	0.449	0.441	0.433	0.429	0.418	0.407	0.391
300	0.514	0.495	0.483	0.469	0.455	0.441	0.433	0.425	0.415	0.410	0.403	0.396	0.391	0.382	0.371	0.357

**Para estos ventiladores, la temperatura máxima del flujo de aire a manejar es de 80°C. Para aplicaciones donde la temperatura sea mayor, favor de comunicarse al departamento técnico de Soler & Palau.**

### Ejemplo de aplicación de los factores de corrección.

Un ventilador es seleccionado para suministrar 51,356 m<sup>3</sup>/hr (30,227 CFM) bajo una presión estática de 127 mm c.a. (5.0 in wg), a una altitud de 2,240 metros s.n.m. y operando a una temperatura de 30 °C.

Para determinar las condiciones de operación del ventilador:

1.- Se debe precisar el factor de corrección de la tabla: **FACTORES DE CORRECCIÓN DE DENSIDAD DEL AIRE.**

En este caso el factor es: 0.740

2.- Divida la presión estática determinada entre el Factor de Corrección. 127 mm c.a. / 0.740 = 171.62 mm c.a.

3.- Multiplique la potencia al freno que requiere el ventilador (en este ejemplo: 30.6 BHP) por el mismo factor de corrección (0.740). 30.6 BHP x 0.740 = 22.644 BHP

4.- El ventilador seleccionado presentará las siguientes condiciones de operación:

51,356 m<sup>3</sup>/hr (30,227 CFM), 171.62 mm c.a. (6.75 in wg), 22.644 BHP y 1,026 r.p.m.



# CMD 280

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 288 mm (11 5/16 inch)      Área de salida: 0.129 m<sup>2</sup> (1.388 ft<sup>2</sup>)      Armazón máx. de motor: hasta 3500 rpm 184T, de 3501 a 4600 rpm 215T  
 Diámetro del eje: hasta 3500 rpm 25.4 mm (1 inch)      BHP máximos: 8.89      RPM máximas: 4600  
 de 3501 a 4600 rpm 34.9 mm (1 3/8 inch)      Peso del equipo: 43 Kg (95 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1527	1100	1309	0.21	1577	0.36	1807	0.52	2018	0.70	2214	0.89	2397	1.09	2569	1.31	2732	1.53	2888	1.77	3036	2.01	3179	2.27	3316	2.53
2594	1100	68		70		73		75		77		79		81		83		85		86		87		88	
1804	1300	1441	0.30	1693	0.46	1906	0.63	2100	0.82	2283	1.02	2455	1.25	2619	1.48	2775	1.72	2924	1.96	3067	2.21	3206	2.48	3339	2.76
3065	1300	70		73		75		77		79		80		82		83		84		86		87		88	
2082	1500	1582	0.39	1816	0.56	2019	0.76	2200	0.97	2370	1.18	2532	1.41	2686	1.65	2834	1.90	2977	2.17	3115	2.44	3248	2.72	3376	3.02
3537	1500	74		76		78		79		81		82		82		83		84		85		87		88	
2360	1700	1729	0.51	1946	0.71	2139	0.91	2312	1.14	2472	1.37	2624	1.61	2770	1.86	2910	2.13	3046	2.41	3177	2.70	3304	2.99	3428	3.30
4010	1700	77		78		80		81		83		83		83		84		85		86		87		88	
2498	1800	1804	0.58	2012	0.79	2201	1.01	2371	1.23	2527	1.48	2675	1.73	2816	1.98	2953	2.27	3085	2.55	3213	2.84	3338	3.14	3459	3.45
4244	1800	78		79		81		82		84		83		84		85		85		86		87		88	
2637	1900	1881	0.66	2080	0.87	2264	1.10	2431	1.34	2585	1.60	2728	1.85	2866	2.12	2999	2.40	3128	2.68	3253	2.98	3375	3.29	3493	3.61
4480	1900	80		80		82		83		85		83		84		85		86		87		88		88	
2776	2000	1959	0.74	2150	0.98	2329	1.21	2493	1.45	2643	1.72	2784	1.98	2919	2.25	3048	2.53	3173	2.83	3296	3.14	3415	3.46	3531	3.78
4716	2000	81		82		83		84		85		84		85		86		86		87		88		89	
2915	2100	2037	0.82	2222	1.07	2395	1.31	2555	1.57	2704	1.84	2842	2.12	2974	2.40	3100	2.70	3222	2.99	3342	3.31	3458	3.62	3571	3.96
4953	2100	82		83		84		85		85		85		86		87		87		88		89		89	
3054	2200	2116	0.93	2294	1.18	2462	1.45	2619	1.70	2765	1.98	2901	2.27	3031	2.56	3154	2.86	3274	3.16	3390	3.49	3503	3.81	3615	4.14
5189	2200	84		84		85		86		85		86		87		87		88		89		89		90	
3192	2300			2367	1.30	2529	1.57	2683	1.84	2826	2.13	2961	2.43	3088	2.72	3210	3.03	3327	3.34	3440	3.67	3551	4.00	3660	4.34
5423	2300			85		86		86		86		87		87		88		89		89		90		90	
3331	2400			2442	1.42	2599	1.72	2749	2.00	2890	2.28	3022	2.59	3148	2.90	3267	3.22	3382	3.54	3494	3.86	3602	4.21	3708	4.56
5659	2400			86		87		86		87		87		88		89		89		90		91		91	
3470	2500			2518	1.57	2669	1.86	2815	2.16	2954	2.45	3084	2.76	3208	3.08	3326	3.41	3439	3.74	3549	4.08	3655	4.43	3759	4.77
5896	2500			88		87		87		87		88		89		90		90		91		91		92	
3609	2600			2594	1.70	2741	2.02	2883	2.32	3019	2.63	3147	2.95	3269	3.27	3386	3.61	3498	3.96	3605	4.30	3710	4.65	3812	5.02
6132	2600			89		87		87		88		89		90		90		91		91		92		92	
3748	2700					2814	2.19	2952	2.51	3084	2.82	3211	3.14	3331	3.47	3446	3.82	3557	4.17	3663	4.53	3766	4.89	3866	5.27
6368	2700					88		88		89		90		90		91		91		92		92		93	
4025	2900					2961	2.55	3091	2.90	3218	3.23	3340	3.57	3457	3.92	3569	4.28	3677	4.65	3781	5.03	3881	5.40	3979	5.79
6838	2900					89		90		90		91		92		92		93		93		94		94	
4303	3100					3112	2.95	3236	3.33	3356	3.69	3474	4.05	3587	4.41	3696	4.79	3801	5.18	3903	5.57	4001	5.97	4096	6.38
7311	3100					91		91		92		92		93		93		94		94		95		95	
4581	3300							3384	3.80	3498	4.20	3610	4.59	3720	4.96	3826	5.35	3928	5.75	4027	6.17	4124	6.58	4217	7.00
7783	3300							93		93		93		94		94		95		95		96		96	
4719	3400							3458	4.05	3570	4.47	3680	4.87	3787	5.26	3891	5.66	3992	6.06	4090	6.48	4185	6.91	4278	7.34
8018	3400							94		94		94		95		95		96		96		96		97	

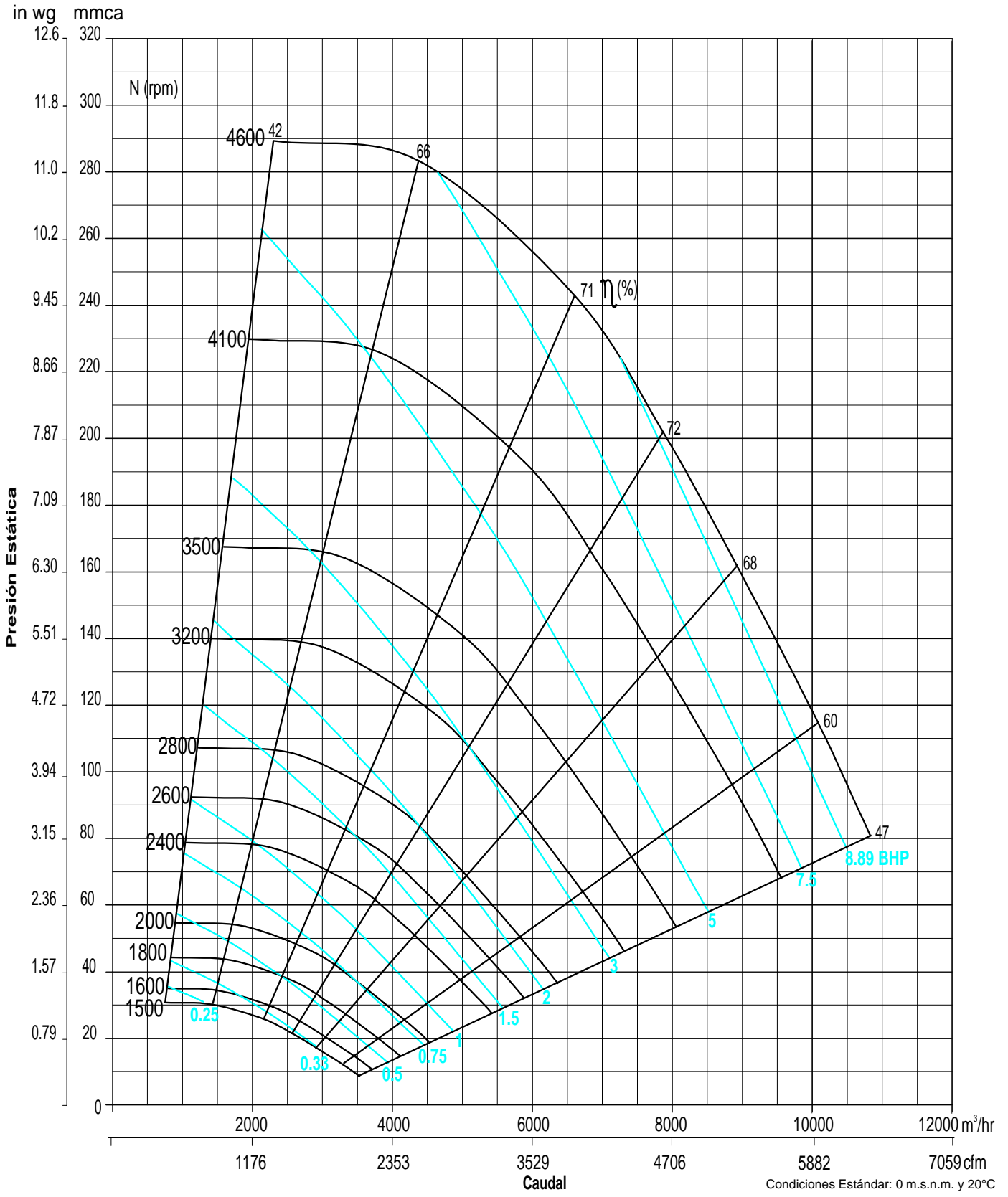
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2082	1500	3501	3.31	3562	3.46	3622	3.62	3740	3.93	3798	4.09	3855	4.25	3967	4.57	4022	4.73	4076	4.91	4183	5.24	4288	5.59	4390	5.94
3537	1500	89		89		90		91		91		91		92		93		93		94		94		95	
2360	1700	3549	3.61	3608	3.77	3666	3.93	3780	4.25	3836	4.41	3892	4.59	4001	4.92	4054	5.10	4107	5.27	4212	5.62	4314	5.98	4414	6.34
4010	1700	89		89		90		90		91		91		92		92		93		94		94		95	
2498	1800	3577	3.77	3635	3.93	3692	4.09	3805	4.43	3860	4.60	3914	4.76	4022	5.11	4075	5.28	4127	5.46	4230	5.82	4331	6.18	4430	6.56
4244	1800	89		89		90		90		91		91		92		92		93		94		94		95	
2637	1900	3609	3.93	3666	4.10	3722	4.26	3832	4.61	3887	4.77	3940	4.95	4046	5.31	4098	5.48	4150	5.67	4251	6.03	4351	6.41	4448	6.79
4480	1900	89		89		90		91		91		91		92		92		93		94		94		95	
2776	2000	3644	4.10	3700	4.28	3755	4.45	3863	4.80	3917	4.98	3969	5.15	4073	5.51	4125	5.70	4175	5.87	4275	6.25	4373	6.62	4470	7.01
4716	2000	90		90		90		91		91		91		92		93		93		94		94		95	
2915	2100	3682	4.29	3737	4.47	3791	4.64	3897	4.99	3950	5.18	4002	5.35	4104	5.73	4154	5.91	4204	6.10	4302	6.48	4399	6.87	4494	7.25
4953	2100	90		90		91		91		92		92		92		93		93		94		94		95	
3054	2200	3723	4.49	3777	4.67	3830	4.84	3934	5.20	3985	5.39	4036	5.57	4137	5.94	4186	6.14	4235	6.33	4332	6.72	4427	7.11	4521	7.51
5189	2200	90		91		91		92		92		92		93		93		93		94		94		95	
3192	2300	3766	4.69	3819	4.87	3871	5.06	3973	5.42	4023	5.61	4073	5.79	4172	6.17	4221	6.37	4269	6.56	4364	6.96	4458	7.36	4550	7.76
5423	2300	91		91		92		92		92		93		93		93		94		94		95		95	
3331	2400	3812	4.91	3864	5.10	3914	5.27	4015	5.65	4064	5.83	4113	6.03	4210	6.42	4258	6.61	4305	6.81	4399	7.21	4491	7.62	4582	8.03
5659	2400	92		92		92		93		93		93		94		94		95		95		95		96	
3470	2500	3861	5.14	3911	5.32	3961	5.51	4059	5.89	4108	6.09	4156	6.28	4251	6.68	4298	6.87	4344	7.07	4437	7.48	4527	7.90		
5896	2500	92		92		93		93		93		94		94		94		95		95		95		96	
3609	2600	3911	5.38	3961	5.57	4009	5.77	4106	6.14	4153	6.34	4200	6.54	4294	6.93	4340	7.15	4386	7.35	4476	7.76	4566	8.18		



# CMD 280



## CURVA CARACTERÍSTICA





# CMD 315

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 323 mm (12 11/16 inch) Área de salida: 0.163 m<sup>2</sup> (1.756 ft<sup>2</sup>) Armazón máx. de motor: hasta 3100 rpm 184T, de 3101 a 4100 rpm 215T  
 Diámetro del eje: hasta 3100 rpm 25.4 mm (1 inch) BHP máximos: 10.7 RPM máximas: 4100  
 de 3101 a 4100 rpm 34.9 mm (1 3/8 inch) Peso del equipo: 58 Kg (128 Lbs)

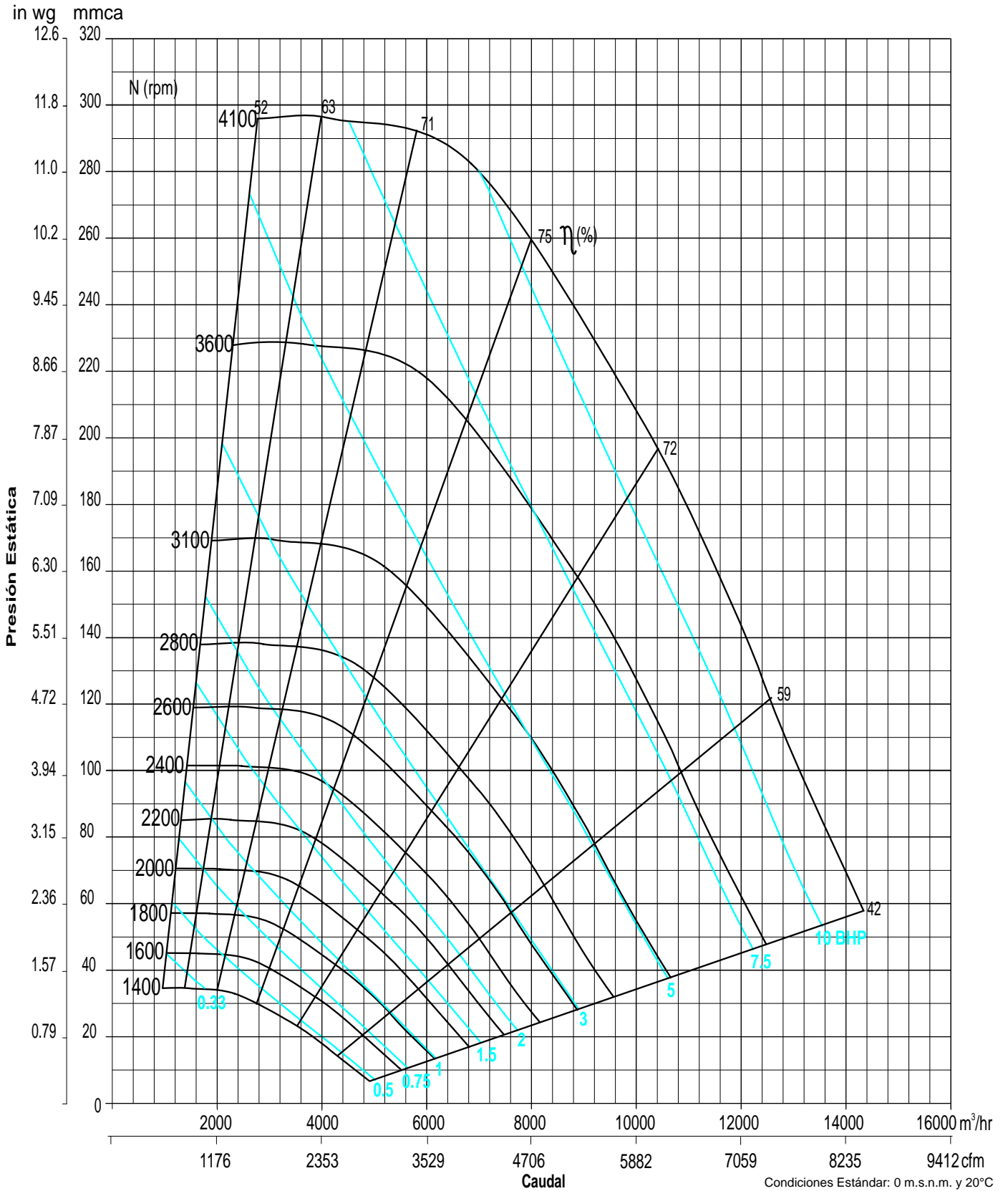
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1932	1100	LwA	0.27	LwA	0.44	LwA	0.64	LwA	0.84	LwA	1.07	LwA	1.30	LwA	1.54	LwA	1.78	LwA	2.04	LwA	2.29	LwA	2.55	LwA	2.82
3282		88	70	73	75	77	79	81	83	85	87	88	89	89	89	89	89	89	89	89	89	89	89	89	89
2283	1300	RPM	0.36	RPM	0.56	RPM	0.78	RPM	1.01	RPM	1.25	RPM	1.52	RPM	1.77	RPM	2.05	RPM	2.33	RPM	2.61	RPM	2.90	RPM	3.19
3879		72	73	75	77	79	80	82	83	85	87	88	89	89	89	89	89	89	89	89	89	89	89	89	89
2634	1500	RPM	0.47	RPM	0.70	RPM	0.94	RPM	1.19	RPM	1.46	RPM	1.74	RPM	2.02	RPM	2.32	RPM	2.63	RPM	2.94	RPM	3.26	RPM	3.58
4475		74	76	78	79	81	82	83	84	85	87	88	89	89	89	89	89	89	89	89	89	89	89	89	89
2985	1700	RPM	0.62	RPM	0.87	RPM	1.14	RPM	1.42	RPM	1.70	RPM	2.00	RPM	2.31	RPM	2.63	RPM	2.95	RPM	3.29	RPM	3.63	RPM	3.98
5072		77	79	80	82	83	84	85	86	87	88	88	89	89	89	89	89	89	89	89	89	89	89	89	89
3336	1900	RPM	0.80	RPM	1.07	RPM	1.37	RPM	1.66	RPM	1.98	RPM	2.34	RPM	2.63	RPM	2.96	RPM	3.31	RPM	3.66	RPM	4.04	RPM	4.40
5668		80	81	83	84	85	86	87	88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
3512	2000	RPM	0.91	RPM	1.19	RPM	1.49	RPM	1.81	RPM	2.13	RPM	2.46	RPM	2.80	RPM	3.15	RPM	3.50	RPM	3.88	RPM	4.25	RPM	4.63
5967		81	83	84	85	86	87	88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
3688	2100	RPM	1.02	RPM	1.31	RPM	1.62	RPM	1.96	RPM	2.29	RPM	2.64	RPM	2.98	RPM	3.34	RPM	3.71	RPM	4.09	RPM	4.47	RPM	4.87
6266		83	84	85	86	87	88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
3863	2200	RPM	1.14	RPM	1.45	RPM	1.77	RPM	2.12	RPM	2.44	RPM	2.82	RPM	3.18	RPM	3.55	RPM	3.93	RPM	4.32	RPM	4.71	RPM	5.11
6563		84	85	86	87	88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
4039	2300	RPM	1.27	RPM	1.60	RPM	1.93	RPM	2.28	RPM	2.64	RPM	3.02	RPM	3.39	RPM	3.77	RPM	4.16	RPM	4.55	RPM	4.96	RPM	5.36
6862		85	86	87	88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
4214	2400	RPM	1.76	RPM	2.09	RPM	2.44	RPM	2.81	RPM	3.18	RPM	3.56	RPM	3.94	RPM	4.32	RPM	4.71	RPM	5.10	RPM	5.50	RPM	5.93
7160		87	88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
4390	2500	RPM	1.93	RPM	2.28	RPM	2.66	RPM	3.04	RPM	3.43	RPM	3.84	RPM	4.24	RPM	4.65	RPM	5.07	RPM	5.49	RPM	5.93	RPM	6.39
7459		88	89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
4566	2600	RPM	2.11	RPM	2.47	RPM	2.86	RPM	3.25	RPM	3.66	RPM	4.08	RPM	4.49	RPM	4.92	RPM	5.35	RPM	5.78	RPM	6.23	RPM	6.72
7758		89	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
4741	2700	RPM	2.29	RPM	2.68	RPM	3.07	RPM	3.47	RPM	3.89	RPM	4.33	RPM	4.76	RPM	5.19	RPM	5.63	RPM	6.07	RPM	6.53	RPM	7.02
8055		90	91	91	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
4917	2800	RPM	2.90	RPM	3.30	RPM	3.71	RPM	4.14	RPM	4.59	RPM	5.04	RPM	5.48	RPM	5.93	RPM	6.38	RPM	6.84	RPM	7.33	RPM	7.85
8354		92	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
5268	3000	RPM	3.38	RPM	3.80	RPM	4.24	RPM	4.69	RPM	5.15	RPM	5.63	RPM	6.10	RPM	6.58	RPM	7.07	RPM	7.57	RPM	8.08	RPM	8.62
8950		91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
5619	3200	RPM	3.92	RPM	4.36	RPM	4.81	RPM	5.27	RPM	5.74	RPM	6.22	RPM	6.70	RPM	7.19	RPM	7.69	RPM	8.20	RPM	8.72	RPM	9.26
9547		93	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
5971	3400	RPM	4.99	RPM	5.47	RPM	5.95	RPM	6.46	RPM	6.95	RPM	7.46	RPM	7.97	RPM	8.49	RPM	9.01	RPM	9.55	RPM	10.10	RPM	10.67
10145		94	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
6146	3500	RPM	5.32	RPM	5.82	RPM	6.32	RPM	6.83	RPM	7.33	RPM	7.85	RPM	8.37	RPM	8.90	RPM	9.43	RPM	9.97	RPM	10.52	RPM	11.09
10442		95	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2634	1500	LwA	3.92	LwA	4.24	LwA	4.57	LwA	4.92	LwA	5.26	LwA	5.43	LwA	5.61	LwA	5.95	LwA	6.13	LwA	6.32	LwA	6.68	LwA	6.85
4475		90	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
2985	1700	RPM	4.34	RPM	4.71	RPM	5.07	RPM	5.43	RPM	5.81	RPM	5.99	RPM	6.18	RPM	6.36	RPM	6.56	RPM	6.76	RPM	6.95	RPM	7.52
5072		90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3161	1800	RPM	4.56	RPM	4.93	RPM	5.31	RPM	5.70	RPM	6.09	RPM	6.28	RPM	6.48	RPM	6.67	RPM	6.87	RPM	7.07	RPM	7.27	RPM	7.87
5371		89	90	91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
3336	1900	RPM	4.79	RPM	5.18	RPM	5.57	RPM	5.97	RPM	6.37	RPM	6.57	RPM	6.77	RPM	6.97	RPM	7.17	RPM	7.39	RPM	7.59	RPM	8.22
5668		90	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3512	2000	RPM	5.02	RPM	5.42	RPM	5.82	RPM	6.24	RPM	6.65	RPM	6.85	RPM	7.07	RPM	7.27	RPM	7.47	RPM	7.69	RPM	7.93	RPM	8.57
5967		90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
3688	2100	RPM	5.27	RPM	5.67	RPM	6.09	RPM	6.52	RPM	6.93	RPM	7.16	RPM	7.38	RPM	7.60	RPM	7.83	RPM	8.03	RPM	8.25	RPM	8.92
6266		90	91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
3863	2200	RPM	5.53	RPM	5.94	RPM	6.37	RPM	6.80	RPM	7.24	RPM	7.46	RPM	7.68	RPM	7.90	RPM	8.13	RPM	8.35	RPM	8.58	RPM	9.28
6563		91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
4039	2300	RPM	5.79	RPM	6.22	RPM	6.65	RPM	7.09	RPM	7.55	RPM	7.78	RPM	7.97	RPM	8.16	RPM	8.35	RPM	8.54	RPM	8.73	RPM	9.44
6862		91	92	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
4214	2400	RPM	6.07	RPM	6.50	RPM	6.96	RPM	7.40	RPM	7.87	RPM	8.10	RPM	8.30	RPM	8.49	RPM	8.68	RPM	8.87	RPM	9.06	RPM	9.78
7160		92	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
4390	2500	RPM	6.37	RPM	6.81	RPM	7.27	RPM	7.74	RPM	8.21	RPM	8.44	RPM	8.64	RPM	8.83	RPM	9.02	RPM	9.21	RPM	9.40	RPM	10.13
7459		93	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
4566	2600	RPM	6.68	RPM	7.13	RPM	7.60	RPM	8.07	RPM	8.56	RPM	8												

# CMD 315



## CURVA CARACTERÍSTICA





# CMD 355

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 363 mm (14 5/16 inch)

Diámetro del eje: hasta 2700 rpm 34.9 mm (1 3/8 inch)

de 2701 a 3500 rpm 34.9 mm (1 3/8 inch)

Área de salida: 0.204 m<sup>2</sup> (2.198 ft<sup>2</sup>)

BHP máximos: 14.7

Almacén máx. de motor: hasta 2700 rpm 213T, de 2701 a 3500 rpm 254T

RPM máximas: 3500

Peso del equipo: 82 Kg (181 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2198	1000	964	0.28	1172	0.48	1349	0.71	1509	0.97	1664	1.23	1817	1.50	1968	1.78	2110	2.07	2243	2.36	2367	2.67	2483	2.99	2594	3.33
3734	1200	66	0.39	69	0.62	71	0.87	73	1.14	75	1.43	77	1.74	79	2.07	81	2.39	83	2.71	85	3.04	86	3.38	87	3.73
2638	1400	1062	0.52	1262	0.78	1426	1.06	1574	1.35	1711	1.68	1842	2.00	1971	2.35	2099	2.71	2226	3.07	2352	3.45	2472	3.84	2587	4.21
4482	1600	70	0.70	72	1.29	74	1.88	75	2.47	76	3.06	78	3.65	80	4.24	81	4.83	83	5.42	85	6.01	86	6.60	87	7.19
3078	1800	1168	0.81	1357	1.23	1513	1.66	1652	2.09	1781	2.52	1903	2.95	2019	3.38	2131	3.81	2241	4.24	2351	4.67	2461	5.10	2570	5.53
5230	2000	74	1.15	76	1.83	77	2.51	78	3.19	79	3.87	80	4.55	81	5.23	82	5.91	83	6.59	85	7.27	86	7.95	87	8.63
3517	2100	1281	0.90	1453	1.37	1607	1.84	1740	2.31	1862	2.78	1977	3.25	2086	3.72	2191	4.19	2293	4.66	2391	5.13	2489	5.60	2585	6.07
5975	2200	77	1.29	79	1.97	79	2.65	80	3.33	81	4.01	82	4.69	83	5.37	84	6.05	85	6.73	86	7.41	87	8.09	88	8.77
3957	2300	1400	1.01	1555	1.49	1702	1.96	1833	2.43	1950	2.90	2060	3.37	2164	3.84	2264	4.31	2361	4.78	2454	5.25	2544	5.72	2633	6.19
6723	2400	80	1.49	81	2.17	82	2.85	83	3.53	84	4.21	85	4.89	86	5.57	87	6.25	88	6.93	89	7.61	90	8.29	91	8.97
4397	2500	1522	1.15	1663	1.62	1800	2.09	1928	2.56	2043	3.03	2149	3.50	2249	3.97	2345	4.44	2437	4.91	2527	5.38	2614	5.85	2698	6.32
7471	2600	82	1.64	83	2.32	84	3.00	85	3.68	86	4.36	87	5.04	88	5.72	89	6.40	90	7.08	91	7.76	92	8.44	93	9.12
4616	2700	1584	1.29	1719	1.76	1851	2.23	1976	2.70	2091	3.17	2195	3.64	2294	4.11	2388	4.58	2478	5.05	2566	5.52	2651	6.00	2734	6.47
7843	2800	83	1.74	84	2.42	85	3.10	86	3.78	87	4.46	88	5.14	89	5.82	90	6.50	91	7.18	92	7.86	93	8.54	94	9.22
4836	2900	1646	1.45	1776	1.92	1902	2.39	2025	2.86	2138	3.33	2242	3.80	2340	4.27	2432	4.74	2521	5.21	2607	5.68	2690	6.15	2771	6.62
8216	3000	84	1.80	85	2.48	86	3.16	87	3.84	88	4.52	89	5.20	90	5.88	91	6.56	92	7.24	93	7.92	94	8.60	95	9.28
5056	3100	1709	1.62	1834	2.09	1955	2.56	2074	3.03	2186	3.50	2290	3.97	2386	4.44	2477	4.91	2564	5.38	2649	5.85	2731	6.32	2811	6.79
8590	3200	85	1.86	86	2.54	87	3.22	88	3.90	89	4.58	90	5.26	91	5.94	92	6.62	93	7.30	94	7.98	95	8.66	96	9.34
5276	3300		2.01	1893	2.48	2009	2.95	2124	3.42	2235	3.89	2338	4.36	2434	4.83	2524	5.30	2610	5.77	2692	6.24	2773	6.71	2851	7.18
8964	3400		2.06	87	2.74	88	3.42	89	4.10	90	4.78	91	5.46	92	6.14	93	6.82	94	7.50	95	8.18	96	8.86	97	9.54
5496	3500		2.11	1953	2.59	2065	3.06	2176	3.52	2284	3.99	2386	4.46	2481	4.93	2571	5.40	2656	5.87	2737	6.34	2816	6.81	2893	7.28
9338			2.16	88	2.80	89	3.48	90	4.16	91	4.84	92	5.52	93	6.20	94	6.88	95	7.56	96	8.24	97	8.92	98	9.60
5715	2600		2.21	2013	2.70	2121	3.17	2228	3.64	2333	4.11	2434	4.58	2529	5.05	2618	5.52	2702	6.00	2783	6.47	2861	6.94	2936	7.41
9710	2700		2.26	89	2.76	90	3.44	91	4.12	92	4.80	93	5.48	94	6.16	95	6.84	96	7.52	97	8.20	98	8.88	99	9.56
5935	2800		2.31	2074	2.80	2178	3.27	2281	3.74	2383	4.21	2482	4.68	2577	5.15	2665	5.62	2749	6.10	2829	6.57	2906	7.04	2981	7.51
10084	2900		2.36	90	2.82	91	3.50	92	4.18	93	4.86	94	5.54	95	6.22	96	6.90	97	7.58	98	8.26	99	8.94	100	9.62
6375	3000		2.41		2.89	2295	3.36	2391	3.83	2487	4.30	2582	4.77	2673	5.24	2761	5.71	2844	6.18	2924	6.65	2999	7.12	3072	7.59
10831	3100		2.46		2.94	93	3.42	93	4.10	94	4.78	95	5.46	96	6.14	97	6.82	98	7.50	99	8.18	100	8.86	101	9.54
6815	3200		2.51		2.99	2414	3.48	2505	3.95	2595	4.42	2684	4.89	2772	5.36	2858	5.83	2940	6.29	3019	6.76	3094	7.23	3166	7.70
11579	3300		2.56		3.04	94	3.50	95	4.18	96	4.86	97	5.54	98	6.22	99	6.90	100	7.58	101	8.26	102	8.94	103	9.62
7254	3400		2.61		3.09	2535	3.58	2621	4.05	2706	4.52	2790	4.99	2874	5.46	2957	5.93	3037	6.40	3115	6.87	3190	7.34	3261	7.81
12325	3500		2.66		3.14	96	3.58	97	4.26	98	4.94	99	5.62	100	6.30	101	6.98	102	7.66	103	8.34	104	9.02	105	9.70
7694	3600		2.71		3.19	2658	3.67	2740	4.14	2820	4.61	2900	5.08	2979	5.55	3058	6.02	3136	6.49	3212	6.96	3286	7.43	3357	7.90
13072			2.76		3.24	97	3.63	98	4.31	99	4.99	100	5.67	101	6.35	102	7.03	103	7.71	104	8.39	105	9.07	106	9.75
7914			2.81		3.29	2720	3.72	2800	4.19	2878	4.66	2956	5.13	3033	5.60	3110	6.07	3186	6.54	3261	7.01	3334	7.48	3405	7.95
13446			2.86		3.34	98	3.68	99	4.36	100	5.04	101	5.72	102	6.40	103	7.08	104	7.76	105	8.44	106	9.12	107	9.80

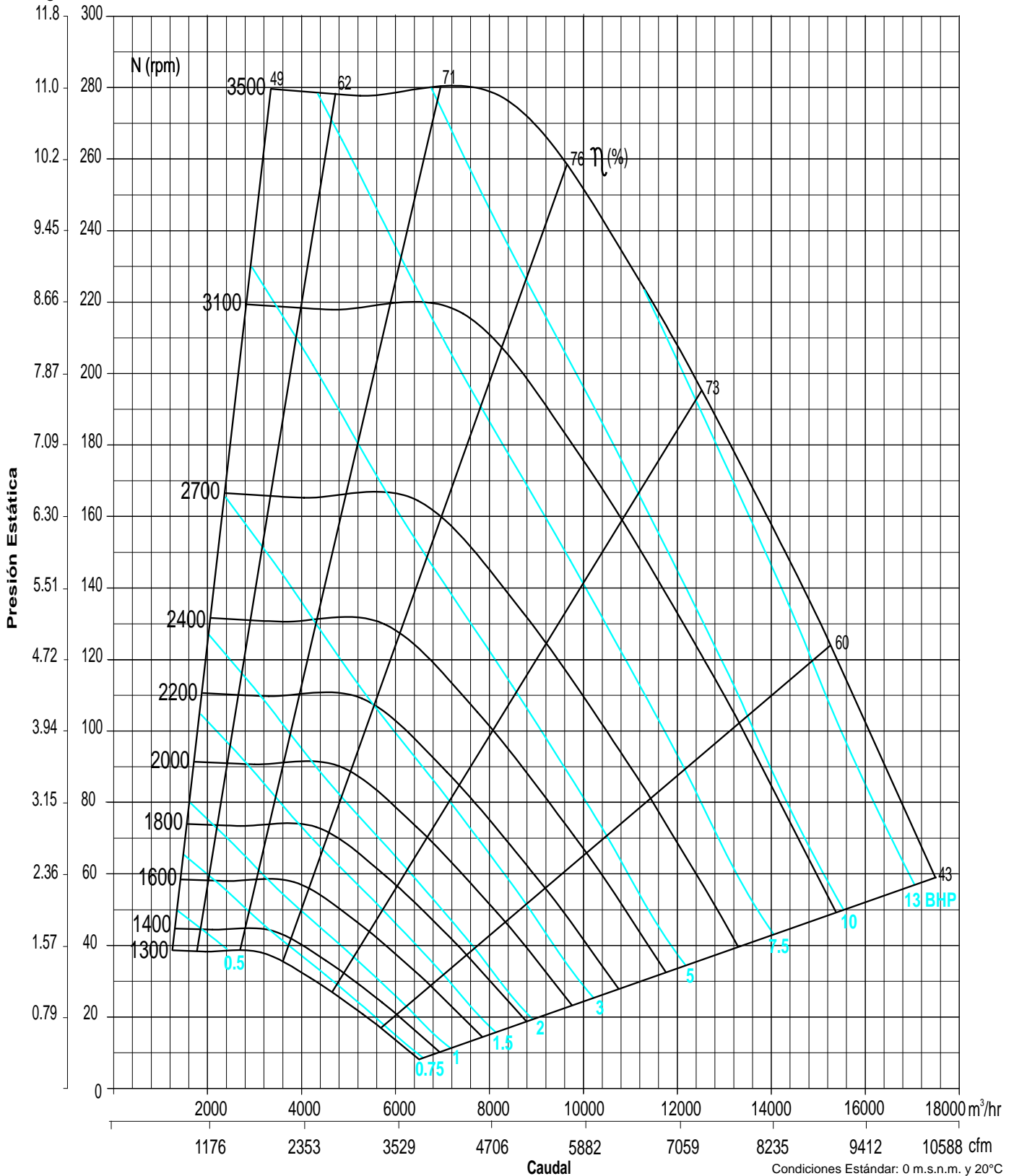
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																									
		158.8mm/6.25"		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP		
2638	1200	2642	3.92	2696	4.09	2800	4.47	2899	4.84	2995	5.23	3088	5.63	3133	5.85	3177	6.05	3264	6.46	3306	6.69	3347	6.91	3430	7.34		
4482	1400	88	4.41	89	4.60	90	4.79	91	4.98	92	5.17	93	5.36	94	5.55	95	5.74	96	5.93	97	6.12	98	6.31	99	6.50	100	6.69
3078	1600	2625	4.91	2678	5.12	2777	5.57	2873	5.99	2969	6.44	3063	6.88	3110	7.09	3156	7.32	3247	7.76	3291	7.99	3335	8.22	3421	8.69		
5230	1800	88	5.15	89	5.38	89	5.61	90	5.84	91	6.07	92	6.30	93	6.53	94	6.76	95	6.99	96	7.22	97	7.45	98	7.68	99	7.91
3737	2000	2633	5.40	2681	5.65	2777	6.12	2873	6.60	2969	7.08	3063	7.56	3105	7.80	3148	8.06	3233	8.54	3276	8.80	3319	9.04	3403	9.53		
6349	2100	88	5.67	89	5.91	90	6.14	91	6.37	92	6.60	93	6.83	94	7.06	95	7.29	96	7.52	97	7.75	98	7.98	99	8.21	100	8.44
3957	2200	2677	5.40	2720	5.65	2806	6.12	2892	6.60	2977	7.08	3063	7.56	3105	7.80	3148	8.06	3233	8.54	3276	8.80	3319	9.04	3403	9.53		
6723	2300	89	5.95	90	6.20	90	6.43	91	6.66	92	6.89	93	7.12	94	7.35	95	7.58	96	7.81	97	8.04	98	8.27	99	8.50	100	8.73
4177	2400	2706	5.67	2748	5.91	2831	6.40	2914	6.89	2995	7.39																



# CMD 355

## CURVA CARACTERÍSTICA

in wg mmca





# CMD 400

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodetes: 406 mm (16 inch)  
 Diámetro del eje: hasta 2500 rpm 34.9 mm (1 3/8 inch)  
 de 2501 a 3200 rpm 34.9 mm (1 3/8 inch)

Área de salida: 0.256 m<sup>2</sup> (2.755 ft<sup>2</sup>)  
 BHP máximos: 18.7

Almacén máx. de motor: hasta 2500 rpm 215T, de 2501 a 3200 rpm 256T  
 RPM máximas: 3200  
 Peso del equipo: 96 Kg (212 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2479	900	829	0.30	1024	0.54	1191	0.79	1343	1.09	1491	1.38	1634	1.69	1768	2.00	1893	2.32	2009	2.64	2118	2.98	2221	3.33	2318	3.69
4212		65	69	71	74	77	79	83	86	90	93	97	100	108	112	120	124	134	139	151	157	169	175	188	194
3030	1100	916	0.42	1099	0.68	1254	0.98	1393	1.29	1521	1.62	1645	1.98	1766	2.35	1885	2.72	2001	3.10	2112	3.47	2218	3.86	2319	4.25
5148		69	72	74	77	81	84	88	91	96	100	106	111	117	122	131	136	142	148	159	166	177	184	196	203
3581	1300	1007	0.56	1184	0.87	1327	1.19	1458	1.54	1579	1.90	1692	2.29	1800	2.70	1904	3.11	2007	3.54	2109	3.98	2211	4.41	2310	4.85
6084		73	75	77	80	84	87	91	94	98	102	106	110	115	119	124	129	134	139	145	150	156	161	166	171
4132	1500	1106	0.76	1271	1.10	1410	1.45	1531	1.84	1646	2.23	1755	2.64	1857	3.07	1954	3.51	2047	3.98	2139	4.47	2228	4.95	2318	5.44
7020		76	78	79	81	84	87	91	94	98	102	106	110	115	119	124	129	134	139	145	150	156	161	166	171
4683	1700	1211	0.99	1360	1.38	1497	1.77	1614	2.17	1721	2.61	1824	3.06	1922	3.51	2016	3.98	2105	4.48	2191	4.99	2274	5.50	2356	6.03
7956		79	80	81	83	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122
5234	1900	1320	1.29	1454	1.72	1584	2.13	1701	2.57	1804	3.04	1901	3.53	1993	4.02	2083	4.52	2170	5.04	2253	5.57	2334	6.12	2412	6.68
8893		82	83	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126
5785	2100	1431	1.64	1554	2.11	1674	2.57	1788	3.04	1891	3.54	1984	4.05	2072	4.59	2157	5.12	2240	5.67	2320	6.24	2399	6.81	2474	7.39
9829		84	85	86	88	89	91	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126
6060	2200	1487	1.84	1605	2.32	1720	2.82	1832	3.31	1934	3.82	2027	4.34	2114	4.89	2197	5.44	2278	6.02	2356	6.60	2433	7.19	2507	7.78
10296		85	86	87	88	89	91	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126
6335	2300	1544	2.05	1657	2.55	1768	3.07	1876	3.58	1978	4.10	2071	4.65	2157	5.22	2238	5.79	2317	6.37	2393	6.97	2468	7.58	2542	8.19
10763		87	88	89	91	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130
6611	2400	1611	2.18	1711	2.80	1817	3.34	1921	3.89	2022	4.43	2115	4.98	2200	5.55	2281	6.14	2358	6.76	2432	7.36	2506	7.99	2577	8.62
11232		88	89	90	92	93	95	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130
6886	2500	1764	3.07	1867	3.63	1967	4.20	2066	4.76	2158	5.34	2244	5.91	2324	6.53	2399	7.15	2473	7.78	2544	8.42	2614	9.08		
11699		89	90	91	92	93	95	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130
7162	2600	1819	3.37	1917	3.94	2015	4.53	2111	5.11	2202	5.70	2288	6.30	2367	6.93	2442	7.56	2514	8.22	2585	8.88	2653	9.55		
12168		90	91	92	93	94	96	97	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130
7713	2800	1929	4.01	2021	4.63	2112	5.26	2202	5.89	2290	6.52	2375	7.15	2454	7.80	2529	8.46	2600	9.15	2668	9.84	2734	10.5		
13104		92	93	94	96	97	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130		
8264	3000	2128	5.39	2213	6.06	2297	6.75	2381	7.42	2463	8.09	2542	8.77	2617	9.47	2687	10.2	2754	10.9	2819	11.6				
14041		94	94	95	96	97	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130		
8815	3200	2236	6.26	2317	6.97	2396	7.68	2475	8.41	2553	9.12	2630	9.84	2704	10.6	2775	11.3	2842	12.1	2906	12.8				
14977		95	96	97	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130				
9366	3400	2346	7.21	2422	7.97	2498	8.73	2572	9.49	2647	10.2	2720	11.0	2792	11.8	2862	12.5	2929	13.3	2993	14.1				
15913		97	97	98	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130				
9916	3600	2457	8.27	2530	9.07	2602	9.87	2672	10.7	2743	11.5	2813	12.3	2882	13.1	2950	13.9	3016	14.7	3080	15.5				
16847		98	98	99	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130				
10192	3700	2513	8.85	2584	9.67	2654	10.5	2723	11.3	2792	12.1	2860	12.9	2928	13.8	2995	14.6	3061	15.5	3124	16.3				
17316		98	98	99	99	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130				

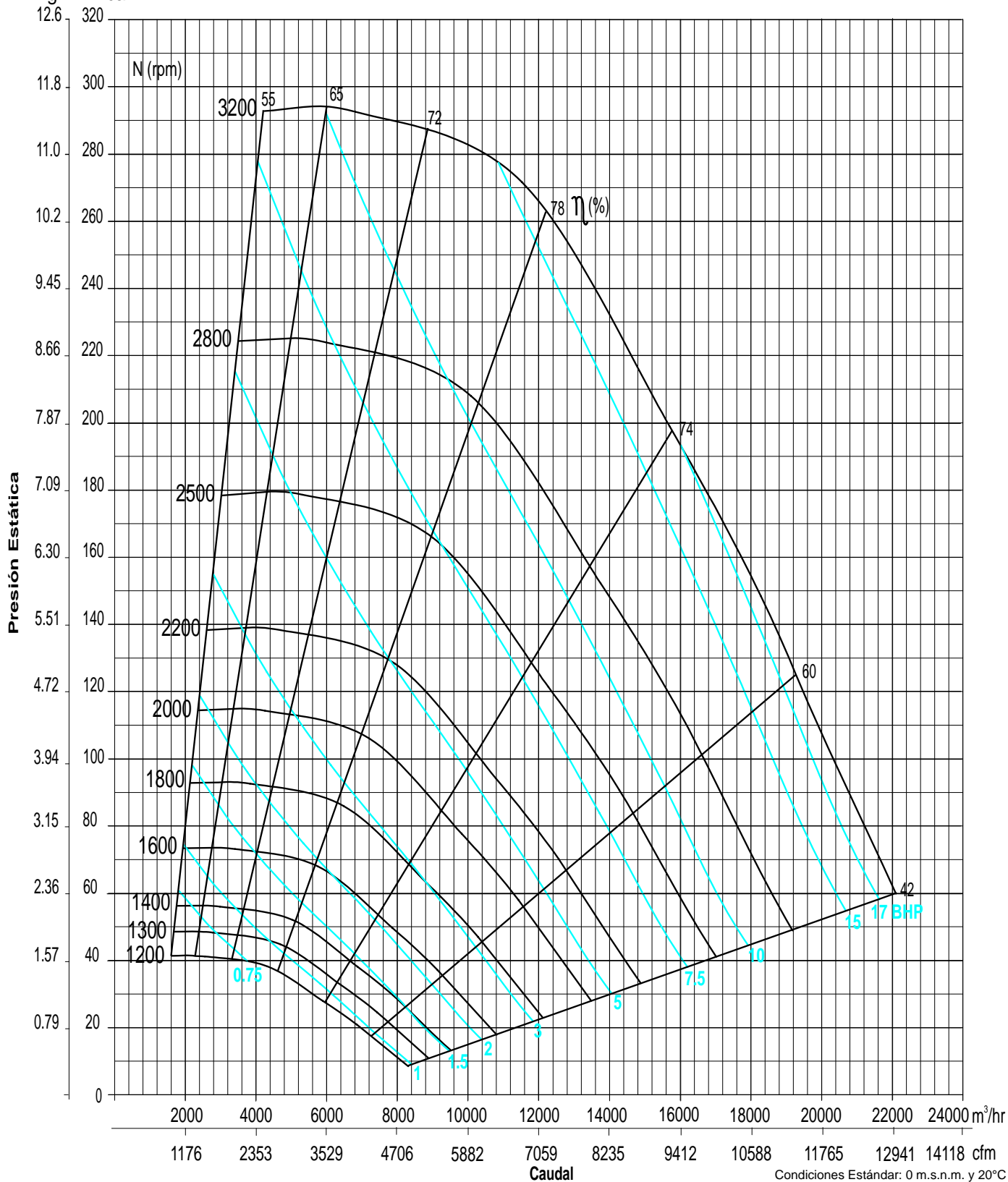
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"		279.4mm/11.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3305	1200	2411	4.98	2458	5.18	2494	5.39	2593	5.82	2679	6.26	2761	6.72	2841	7.16	2919	7.63	2994	8.10	3067	8.57	3103	8.81	3139	9.05
5615		91	91	91	91	92	92	93	93	94	94	94	94	95	95	95	95	96	96	96	96	96	96	96	96
3856	1400	2403	5.63	2449	5.86	2495	6.10	2584	6.58	2672	7.07	2756	7.55	2838	8.05	2917	8.54	2994	9.04	3069	9.55	3105	9.80	3141	10.1
6551		89	90	90	90	91	91	91	91	92	92	93	93	94	94	94	94	95	95	96	96	96	96	96	96
4407	1600	2417	6.26	2459	6.53	2501	6.80	2584	7.34	2667	7.87	2748	8.41	2829	8.96	2908	9.51	2985	10.0	3061	10.6	3098	10.8	3135	11.1
7487		90	90	91	91	91	91	92	92	93	93	94	94	94	94	95	95	96	96	96	96	96	96	96	96
4683	1700	2436	6.58	2476	6.87	2515	7.13	2594	7.70	2673	8.27	2751	8.84	2828	9.41	2905	9.98	2981	10.5	3056	11.1	3093	11.4	3130	11.7
7956		90	90	91	91	92	92	92	92	93	93	93	93	94	94	94	94	95	95	96	96	96	96	96	96
4958	1800	2460	6.91	2498	7.20	2536	7.48	2611	8.06	2686	8.65	2760	9.25	2834	9.86	2908	10.4	2982	11.1	3054	11.6	3091	11.9	3127	12.3
8424		90	91	91	91	92	92	92	92	93	93	93	93	94	94	94	94	95	95	96	96	96	96	96	96
5234	1900	2487	7.25	2524	7.54	2561	7.84	2634	8.44	2706	9.05	2777	9.67	2848	10.3	2918	10.9	2988	11.5	3058	12.2	3093	12.5	3128	12.8
8893		91	91	91	91	92	92	93	93	93	93	94	94	94	94	95	95	95	95	96	96	96	96	96	96
5509	2000	2517	7.60	2553	7.91	2589	8.21	2660	8.82	2730	9.45	2799	10.1												



# CMD 400

## CURVA CARACTERÍSTICA

in wg mmca





# CMD 450

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 455 mm (17 15/16 inch)  
 Diámetro del eje: hasta 2200 rpm 34.9 mm (1 3/8 inch)  
 de 2201 a 2900 rpm 41.3 mm (1 5/8 inch)

Área de salida: 0.322 m<sup>2</sup> (3.471 ft<sup>2</sup>)  
 BHP máximos: 24.1

Armazón máx. de motor: hasta 2200 rpm 215T, de 2201 a 2900 rpm 284TS  
 RPM máximas: 2900  
 Peso del equipo: 110 Kg (243 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2777	800	LwA	0.32	LwA	0.59	LwA	0.90	LwA	1.23	LwA	1.58	LwA	1.94	LwA	2.33	LwA	2.74	LwA	3.16	LwA	3.62	LwA	4.09	LwA	4.57
4718		64	67	71	74	78	80	82	84	85	87	88	89	89	90	91	91	92	92	93	93	94	94	95	
3471	1000	RPM	0.44	RPM	0.76	RPM	1.11	RPM	1.49	RPM	1.89	RPM	2.31	RPM	2.74	RPM	3.18	RPM	3.62	RPM	4.09	RPM	4.57	RPM	5.08
5897		69	71	73	76	78	80	82	84	85	87	88	89	90	91	91	92	92	93	93	94	94	95	95	
4165	1200	RPM	0.62	RPM	0.98	RPM	1.37	RPM	1.78	RPM	2.21	RPM	2.68	RPM	3.18	RPM	3.67	RPM	4.18	RPM	4.69	RPM	5.20	RPM	5.74
7076		73	74	76	78	80	81	82	83	83	85	85	86	86	87	87	88	88	89	89	90	90	91	91	
4860	1400	RPM	0.84	RPM	1.25	RPM	1.68	RPM	2.13	RPM	2.60	RPM	3.10	RPM	3.63	RPM	4.17	RPM	4.75	RPM	5.32	RPM	5.90	RPM	6.49
8257		76	77	79	80	81	81	83	84	84	85	86	86	87	87	88	88	89	89	90	90	91	91	92	
5554	1600	RPM	1.13	RPM	1.57	RPM	2.04	RPM	2.55	RPM	3.06	RPM	3.59	RPM	4.14	RPM	4.72	RPM	5.32	RPM	5.95	RPM	6.58	RPM	7.24
9436		80	80	82	83	83	84	84	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	
6248	1800	RPM	1.48	RPM	1.97	RPM	2.48	RPM	3.02	RPM	3.58	RPM	4.17	RPM	4.76	RPM	5.38	RPM	5.99	RPM	6.65	RPM	7.32	RPM	8.01
10615		82	83	84	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	
6595	1900	RPM	1.68	RPM	2.20	RPM	2.72	RPM	3.29	RPM	3.86	RPM	4.48	RPM	5.10	RPM	5.73	RPM	6.37	RPM	7.04	RPM	7.72	RPM	8.42
11205		84	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	
6942	2000	RPM	1.89	RPM	2.44	RPM	3.00	RPM	3.57	RPM	4.17	RPM	4.80	RPM	5.44	RPM	6.10	RPM	6.77	RPM	7.46	RPM	8.15	RPM	8.86
11794		85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	
7289	2100	RPM	2.12	RPM	2.71	RPM	3.29	RPM	3.89	RPM	4.51	RPM	5.15	RPM	5.82	RPM	6.50	RPM	7.20	RPM	7.90	RPM	8.61	RPM	9.33
12384		86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	
7637	2200	RPM	2.48	RPM	3.17	RPM	3.86	RPM	4.55	RPM	5.24	RPM	5.93	RPM	6.62	RPM	7.31	RPM	8.00	RPM	8.70	RPM	9.40	RPM	10.10
12975		88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	
7984	2300	RPM	3.00	RPM	3.75	RPM	4.50	RPM	5.25	RPM	6.00	RPM	6.75	RPM	7.50	RPM	8.25	RPM	9.00	RPM	9.75	RPM	10.50	RPM	11.25
13565		89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	
8331	2400	RPM	3.63	RPM	4.50	RPM	5.37	RPM	6.24	RPM	7.11	RPM	7.98	RPM	8.85	RPM	9.72	RPM	10.59	RPM	11.46	RPM	12.33	RPM	13.20
14154		90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	
9025	2600	RPM	4.37	RPM	5.30	RPM	6.23	RPM	7.16	RPM	8.09	RPM	9.02	RPM	9.95	RPM	10.88	RPM	11.81	RPM	12.74	RPM	13.67	RPM	14.60
15333		92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	
9719	2800	RPM	5.99	RPM	7.16	RPM	8.33	RPM	9.50	RPM	10.67	RPM	11.84	RPM	13.01	RPM	14.18	RPM	15.35	RPM	16.52	RPM	17.69	RPM	18.86
16513		94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	
10414	3000	RPM	7.00	RPM	8.33	RPM	9.66	RPM	11.00	RPM	12.33	RPM	13.66	RPM	15.00	RPM	16.33	RPM	17.66	RPM	19.00	RPM	20.33	RPM	21.66
17693		95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	
11108	3200	RPM	8.13	RPM	9.66	RPM	11.19	RPM	12.72	RPM	14.25	RPM	15.78	RPM	17.31	RPM	18.84	RPM	20.37	RPM	21.90	RPM	23.43	RPM	24.96
18872		97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	
11802	3400	RPM	10.3	RPM	12.33	RPM	14.37	RPM	16.40	RPM	18.44	RPM	20.47	RPM	22.50	RPM	24.54	RPM	26.57	RPM	28.60	RPM	30.64	RPM	32.67
20052		99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	108	109	109	110	
12149	3500	RPM	11.0	RPM	13.00	RPM	15.00	RPM	17.00	RPM	19.00	RPM	21.00	RPM	23.00	RPM	25.00	RPM	27.00	RPM	29.00	RPM	31.00	RPM	33.00
20641		99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	108	109	109	110	110	

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3124	900	LwA	5.32	LwA	5.59	LwA	5.86	LwA	6.13	LwA	6.40	LwA	6.67	LwA	6.94	LwA	7.21	LwA	7.48	LwA	7.75	LwA	8.02	LwA	8.29
5308		91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102
3818	1100	RPM	5.93	RPM	6.20	RPM	6.48	RPM	6.76	RPM	7.04	RPM	7.32	RPM	7.60	RPM	7.88	RPM	8.16	RPM	8.44	RPM	8.72	RPM	9.00
6487		91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	
4513	1300	RPM	6.68	RPM	6.96	RPM	7.25	RPM	7.53	RPM	7.82	RPM	8.10	RPM	8.39	RPM	8.68	RPM	8.97	RPM	9.26	RPM	9.55	RPM	9.84
7668		90	91	92	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	
5207	1500	RPM	7.50	RPM	7.80	RPM	8.13	RPM	8.46	RPM	8.79	RPM	9.12	RPM	9.45	RPM	9.78	RPM	10.11	RPM	10.44	RPM	10.77	RPM	11.10
8847		90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	
5901	1700	RPM	8.30	RPM	8.65	RPM	9.00	RPM	9.35	RPM	9.70	RPM	10.05	RPM	10.40	RPM	10.75	RPM	11.10	RPM	11.45	RPM	11.80	RPM	12.15
10026		91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	
6248	1800	RPM	8.72	RPM	9.08	RPM	9.44	RPM	9.80	RPM	10.16	RPM	10.52	RPM	10.88	RPM	11.24	RPM	11.60	RPM	11.96	RPM	12.32	RPM	12.68
10615		92	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	
6595	1900	RPM	9.15	RPM	9.52	RPM	9.88	RPM	10.25	RPM	10.62	RPM	10.99	RPM	11.36	RPM	11.73	RPM	12.10	RPM	12.47	RPM	12.84	RPM	13.21
11205		92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	
6942	2000	RPM	9.60	RPM	9.98	RPM	10.33	RPM	10.69	RPM	11.05	RPM	11.41	RPM	11.77	RPM	12.13	RPM	12.49	RPM	12.85	RPM	13.21	RPM	13.57
11794		93	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	
7289	2100	RPM	10.1	RPM	10.5	RPM	10.9	RPM	11.3	RPM	11.7	RPM	12.1	RPM	12.5	RPM	12.9	RPM	13.3	RPM	13.7	RPM	14.1	RPM	14.5
12384		93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	
7637	2200	RPM	10.6	RPM	11.0	RPM	11.4	RPM	11.8	RPM	12.2														

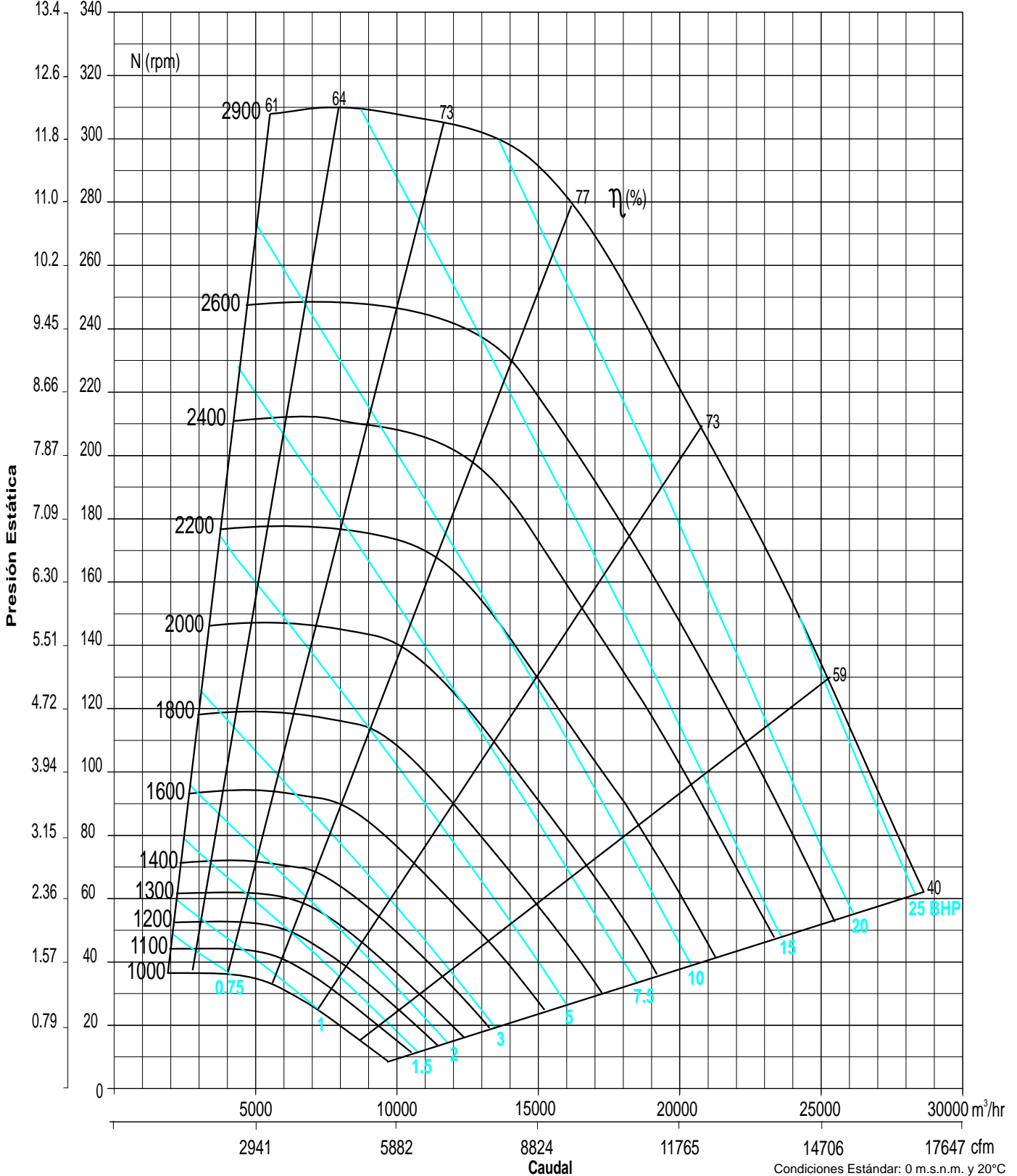


# CMD 450



## CURVA CARACTERÍSTICA

in wg mmca





# CMD 500

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 510 mm (20 1/16 inch)  
 Diámetro del eje: hasta 1900 rpm 34.9 mm (1 3/8 inch)  
 de 1901 a 2500 rpm 44.5 mm (1 3/4 inch)

Área de salida: 0.407 m<sup>2</sup> (4.379 ft<sup>2</sup>)  
 BHP máximos: 26.8

Almacén máx. de motor: hasta 1900 rpm 254T, de 1901 a 2500 rpm 286T  
 RPM máximas: 2500  
 Peso del equipo: 156 Kg (344 Lbs)

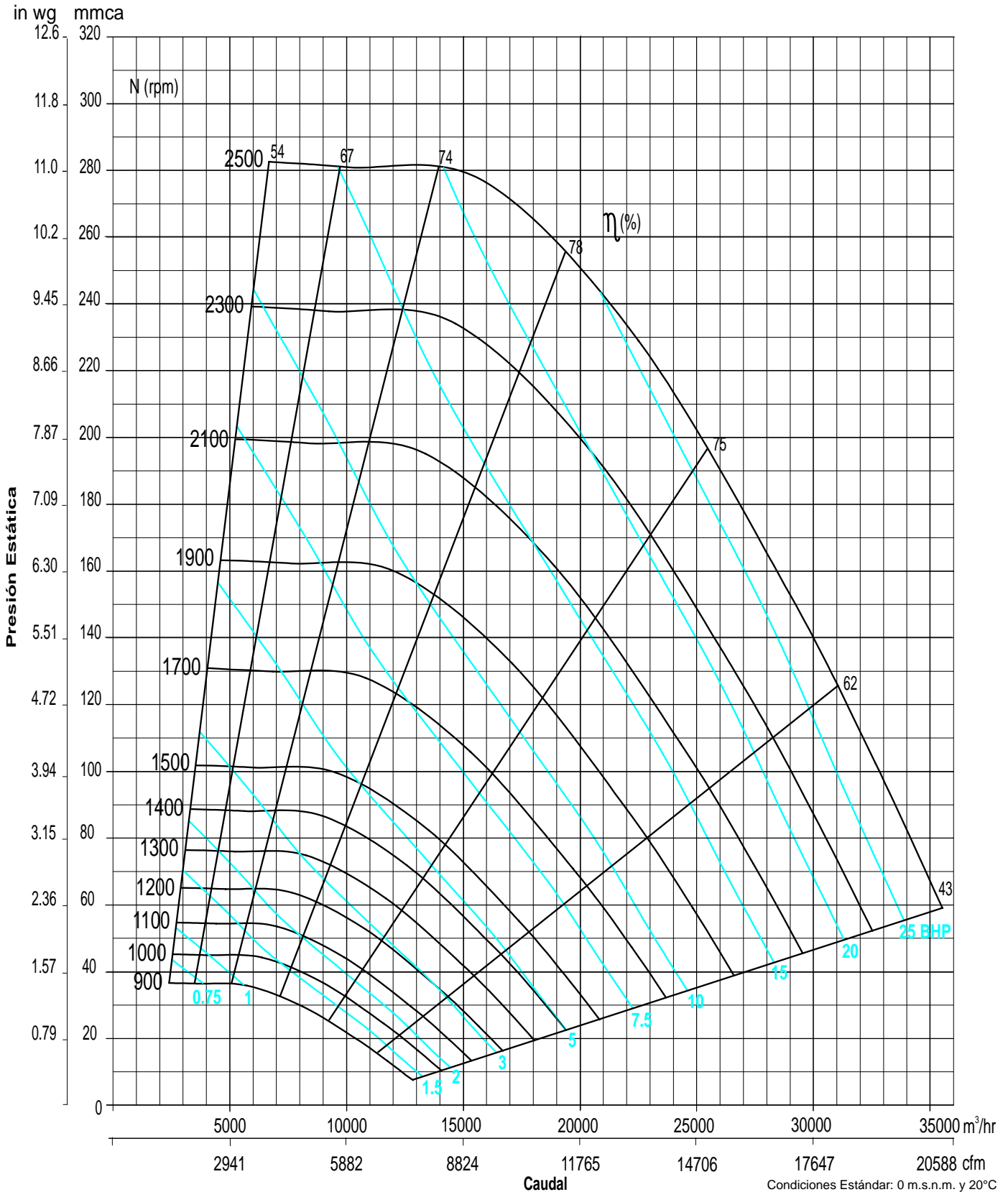
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																									
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3503	800	616	0.39	782	0.74	931	1.13	1068	1.53	1194	1.94	1308	2.39	1411	2.86	1509	3.35	1600	3.86	1686	4.40	1767	4.95	1845	5.51		
5952		62	66	70	74	77	79	81	83	84	86	87	88	88	88	88	88	88	88	88	88	88	88	88	88	88	
4379	1000	680	0.54	833	0.95	963	1.39	1084	1.86	1199	2.36	1309	2.87	1412	3.38	1510	3.92	1601	4.47	1688	5.03	1770	5.62	1848	6.24		
7440		66	69	72	75	77	79	81	83	84	86	87	88	88	88	88	88	88	88	88	88	88	88	88	88	88	
5255	1200	749	0.74	892	1.21	1013	1.70	1122	2.23	1225	2.79	1324	3.37	1420	3.97	1513	4.57	1602	5.18	1688	5.79	1770	6.42	1849	7.07		
8928		70	73	75	77	78	79	80	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
6131	1400	823	0.99	956	1.50	1071	2.07	1174	2.66	1268	3.26	1358	3.90	1446	4.56	1531	5.24	1613	5.93	1694	6.64	1773	7.34	1850	8.05		
10417		74	75	77	79	80	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100		
7007	1600	902	1.33	1024	1.88	1134	2.49	1232	3.15	1322	3.81	1406	4.51	1487	5.20	1565	5.94	1641	6.69	1716	7.47	1789	8.26	1861	9.05		
11905		77	78	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100			
7883	1800	984	1.74	1096	2.33	1200	2.99	1294	3.70	1381	4.43	1462	5.18	1538	5.94	1611	6.73	1682	7.52	1752	8.35	1820	9.20	1887	10.0		
13393		80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100					
8759	2000	1068	2.23	1172	2.88	1269	3.58	1359	4.33	1443	5.12	1521	5.94	1595	6.77	1665	7.60	1733	8.46	1798	9.33	1862	10.2	1925	11.1		
14882		83	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100						
9197	2100	1111	2.51	1211	3.19	1304	3.90	1393	4.68	1475	5.50	1552	6.34	1625	7.20	1694	8.09	1760	8.97	1824	9.87	1887	10.8	1948	11.7		
15626		84	85	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100								
9635	2200	1154	2.82	1250	3.53	1341	4.26	1427	5.06	1508	5.90	1584	6.77	1655	7.67	1724	8.57	1789	9.49	1852	10.4	1913	11.4	1972	12.3		
16370		85	86	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100									
10072	2300		1290	3.90	1378	4.65	1462	5.47	1541	6.33	1616	7.23	1686	8.15	1754	9.09	1818	10.0	1880	11.0	1940	11.9	1998	12.9			
17112		87	87	88	88	89	90	91	92	93	94	95	96	97	98	99	100										
10510	2400		1331	4.29	1416	5.07	1497	5.90	1575	6.79	1648	7.71	1718	8.66	1785	9.63	1848	10.6	1909	11.6	1986	12.6	2026	13.6			
17856		88	88	89	89	90	91	92	93	94	95	96	97	98	99	100											
10948	2500		1372	4.72	1454	5.53	1533	6.37	1609	7.27	1682	8.22	1750	9.20	1816	10.2	1879	11.2	1939	12.2	1998	13.3	2054	14.3			
18601		89	89	90	90	91	92	93	94	95	96	97	98	99	100												
11824	2700		1456	5.65	1533	6.52	1608	7.40	1680	8.34	1750	9.33	1816	10.3	1880	11.4	1941	12.5	2000	13.6	2057	14.7	2113	15.8			
20089		91	91	92	92	93	94	95	96	97	98	99	100														
12700	2900			1614	7.64	1685	8.58	1753	9.55	1820	10.6	1884	11.6	1946	12.7	2006	13.9	2064	15.0	2119	16.2	2173	17.4				
21577		93	93	94	94	95	96	97	98	99	100																
13576	3100			1697	8.92	1763	9.91	1828	10.9	1892	11.9	1954	13.1	2014	14.2	2072	15.4	2129	16.6	2183	17.8	2236	19.0				
23066		94	94	95	95	96	97	98	99	100																	
14452	3300			1780	10.3	1844	11.4	1906	12.4	1967	13.5	2026	14.7	2084	15.8	2141	17.1	2195	18.3	2249	19.6	2300	20.9				
24554		95	95	96	96	97	98	99	100																		
15328	3500			1865	11.9	1926	13.0	1985	14.1	2043	15.3	2100	16.4	2156	17.7	2210	18.9	2264	20.2	2316	21.5	2366	22.9				
26042		97	97	98	98	99	100																				
15766	3600			1908	12.7	1968	13.9	2025	15.1	2082	16.2	2138	17.4	2192	18.6	2246	19.9	2298	21.2	2350	22.6	2400	23.9				
26786		98	98	99	99	100																					

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																									
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4817	1100	1924	7.28	1960	7.60	1996	7.94	2066	8.62	2133	9.32	2198	10.0	2262	10.7	2323	11.5	2354	11.9	2383	12.2	2442	13.0	2471	13.4		
8184		89	90	90	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100					
5693	1300	1925	8.23	1961	8.58	1997	8.93	2067	9.64	2134	10.4	2200	11.1	2263	11.9	2325	12.7	2355	13.0	2385	13.4	2444	14.3	2472	14.7		
9672		89	90	90	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100					
6569	1500	1927	9.31	1963	9.68	1998	10.1	2068	10.8	2135	11.6	2201	12.4	2264	13.2	2326	14.0	2356	14.4	2386	14.8	2445	15.7	2474	16.1		
11161		89	90	90	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100					
7007	1600	1932	9.86	1967	10.2	2002	10.6	2070	11.5	2136	12.3	2201	13.1	2265	13.9	2327	14.7	2357	15.2	2387	15.6	2446	16.5	2475	16.9		
11905		90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100					
7445	1700	1941	10.4	1975	10.8	2008	11.2	2074	12.1	2139	12.9	2203	13.8	2266	14.7	2327	15.5	2357	15.9	2387	16.4	2446	17.3	2475	17.7		
12649		90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100					
7883	1800	1953	10.9	1986	11.4	2018	11.8	2082	12.7	2145	13.6	2208	14.5	2269	15.4	2329	16.3	2359	16.8	2389	17.2	2447	18.2	2476	18.6		
13393		90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100						
8321	1900	1969	11.5	2000	11.9	2032	12.4	2094	13.3	2155	14.3	2215	15.2	2275	16.2	2334	17.1	2363	17.6	2392	18.1	2449	19.0	2477	19.5		
14137		91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100							
8759	2000	1987	12.1	2017	12.5	2048	13.0	2108	13.9	2167	14.9	2226	15.9	2284	16.9	2341	17.9	2369	18.4	2398	18.9	2454	19.9	2481	20.4		
14882		91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100							
9197	2100	2008	12.7	2037	13.1	2067	13.6	2125																			



# CMD 500

## CURVA CARACTERÍSTICA





# CMD 560

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 570 mm (22 7/16 inch)  
 Diámetro del eje: hasta 1700 rpm 41.3 mm (1 5/8 inch)  
 de 1701 a 2200 rpm 44.5 mm (1 3/4 inch)

Área de salida: 0.509 m<sup>2</sup> (5.485 ft<sup>2</sup>)  
 BHP máximos: 30.5

Almacén máx. de motor: hasta 1700 rpm 254T, de 1701 a 2200 rpm 286T  
 RPM máximas: 2200  
 Peso del equipo: 203 Kg (448 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																								
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"		
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM
5485	1000	608	0.67	741	1.15	855	1.73	961	2.35	1063	2.99	1163	3.66	1258	4.33	1347	5.03	1430	5.75	1509	6.50	1583	7.27	1654	8.07	
9319	1000	67	70	72	75	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118
6583	1200	670	0.91	796	1.46	901	2.08	997	2.76	1087	3.49	1174	4.25	1259	5.02	1343	5.81	1424	6.61	1502	7.43	1578	8.26	1650	9.12	
11185	1200	71	73	75	77	79	80	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
7680	1400	735	1.21	856	1.86	955	2.52	1044	3.23	1127	4.02	1207	4.85	1283	5.71	1358	6.60	1431	7.50	1503	8.41	1575	9.33	1645	10.2	
13048	1400	74	76	77	79	80	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
8777	1600	804	1.61	917	2.32	1014	3.07	1098	3.82	1176	4.64	1251	5.53	1322	6.45	1390	7.40	1457	8.38	1522	9.39	1587	10.4	1651	11.4	
14912	1600	77	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	
9874	1800	877	2.11	980	2.86	1074	3.70	1156	4.53	1231	5.38	1301	6.29	1368	7.27	1433	8.29	1495	9.33	1556	10.4	1616	11.5	1675	12.6	
16776	1800	80	81	83	84	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	
10971	2000	952	2.71	1046	3.50	1136	4.41	1216	5.35	1289	6.28	1356	7.21	1420	8.21	1482	9.27	1541	10.4	1599	11.5	1655	12.7	1711	13.9	
18640	2000	83	83	85	85	86	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	
11519	2100	990	3.04	1080	3.88	1167	4.80	1247	5.79	1319	6.77	1385	7.74	1448	8.74	1508	9.82	1566	10.9	1623	12.1	1678	13.3	1731	14.5	
19571	2100	85	85	86	86	87	87	88	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	
12068	2200	1028	3.42	1115	4.28	1199	5.22	1277	6.26	1349	7.28	1415	8.30	1476	9.33	1535	10.4	1592	11.5	1647	12.7	1701	13.9	1754	15.2	
20504	2200	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	
12617	2300	1066	3.82	1151	4.72	1231	5.67	1308	6.75	1379	7.83	1445	8.89	1506	9.95	1563	11.0	1619	12.2	1673	13.4	1726	14.6	1777	15.9	
21436	2300	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	
13165	2400	1185	5.20	1264	6.17	1339	7.25	1410	8.39	1475	9.51	1535	10.6	1592	11.7	1647	12.9	1700	14.1	1752	15.3	1802	16.6	1850	17.9	
22367	2400	88	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	
13714	2500	1224	5.71	1298	6.71	1371	7.80	1441	8.98	1505	10.1	1565	11.3	1622	12.5	1676	13.6	1728	14.8	1779	16.1	1828	17.4	1875	18.7	
23300	2500	89	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	
14262	2600	1261	6.26	1333	7.28	1403	8.39	1472	9.60	1536	10.8	1595	12.0	1651	13.2	1705	14.4	1756	15.7	1806	16.9	1855	18.2	1902	19.5	
24231	2600	90	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	
15359	2800	1335	7.48	1404	8.57	1470	9.70	1535	10.9	1597	12.2	1656	13.6	1712	14.9	1764	16.2	1814	17.5	1863	18.8	1910	20.1	1955	21.4	
26095	2800	92	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	
16456	3000	1476	10.0	1538	11.2	1600	12.4	1660	13.8	1717	15.2	1772	16.7	1825	18.0	1874	19.4	1922	20.8	1968	22.2	2013	23.6	2057	25.0	
27959	3000	94	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	
17553	3200	1550	11.6	1609	12.9	1667	14.2	1724	15.5	1780	17.0	1834	18.5	1886	20.1	1935	21.5	1982	23.0	2027	24.5	2071	26.0	2114	27.4	
29823	3200	96	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	
18651	3400	1624	13.4	1681	14.8	1736	16.1	1790	17.5	1844	19.0	1896	20.6	1947	22.2	1996	23.8	2043	25.4	2087	26.9	2130	28.5	2172	30.0	
31688	3400	97	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	
19748	3600	1701	15.4	1754	16.9	1807	18.2	1858	19.7	1909	21.2	1960	22.8	2009	24.5	2057	26.2	2104	27.9	2148	29.6	2191	31.3	2233	32.9	
33552	3600	99	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	108	109	109	110	
20296	3700	1738	16.5	1791	18.0	1843	19.4	1893	20.9	1943	22.4	1992	24.0	2041	25.7	2088	27.4	2134	29.2	2179	30.9	2223	32.6	2266	34.2	
34483	3700	99	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	108	109	109	110	

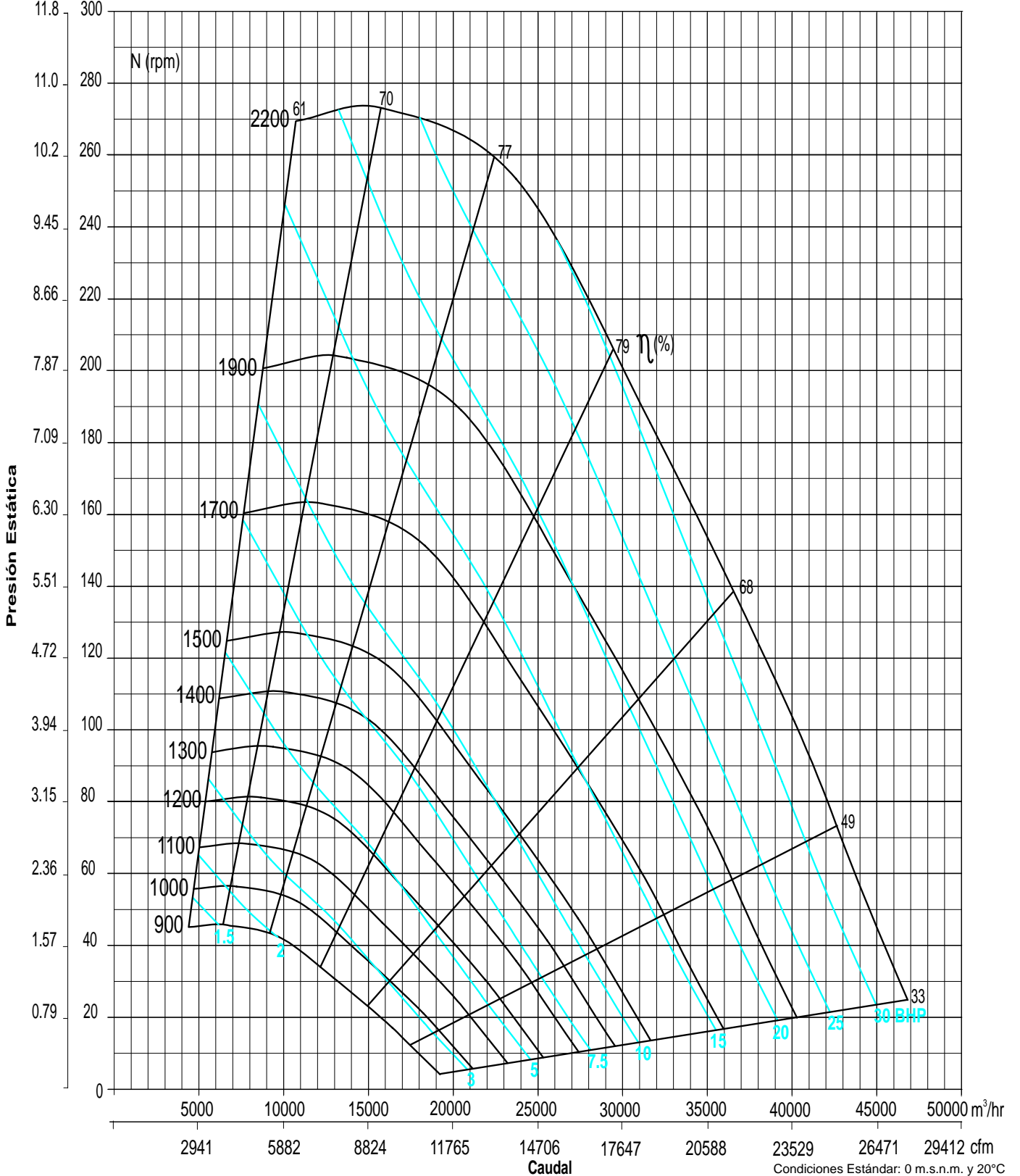
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7131	1300	1716	10.6	1749	11.0	1782	11.5	1846	12.4	1908	13.4	1968	14.4	1997	14.9	2025	15.4	2081	16.4	2108	16.9	2135	17.4	2188	18.5
12116	1300	90	91	92	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102
8228	1500	1712	11.8	1744	12.3	1776	12.8	1839	13.9	1902	14.9	1962	15.9	1991	16.5	2020	16.9	2077	18.0	2105	18.6	2132	19.1	2186	20.2
13979	1500	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102
9325	1700	1721	13.1	1751	13.7	1781	14.2	1840	15.3	1899	16.4	1957	17.6	1986	18.1	2014	18.7	2070	19.9	2098	20.4	2125	21.0	2179	22.2
15843	1700	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	103
9874	1800	1733	13.7	1761	14.3	1790	14.9	1846	16.1	1903	17.2	1959	18.4	1987	19.0	2015	19.6	2069	20.8	2096	21.4	2122	22.0	2176	23.2
16776	1800	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	103
10422	1900	1747	14.4	1775	14.9	1802	15.6	1857	16.8	1911	18.0	1964	19.2	1991	19.8	2018	20.5	2071	21.7	2097	22.4	2123	22.9	2175	24.2
17707	1900	92	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103
10971	2000	1765	15.1	1791	15.7	1818	16.3	1870	17.5	1922	18.8	1974	20.1	2000	20.7	2025	21.3	2076	22.6	2101	23.3	2127	23.9	2177	25.3
18640	2000	92	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103
11519	2100	1784	15.7	1810	16.4	1836	17.0	1887	18.3	1937	19.6	1987	20.9	2012	21.6	2036	22.2	2085	23.6	2110	24.2	2134	24.9	2182	26.3
19571	2100	92	92	93	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100					

# CMD 560



## CURVA CARACTERÍSTICA

in wg mmca



# CMD 630



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 640 mm (25 3/16 inch)

Diámetro del eje: hasta 1500 rpm 44.5 mm (1 3/4 inch)  
de 1501 a 2000 rpm 50.8 mm (2 inch)

Área de salida: 0.640 m<sup>2</sup> (6.886 ft<sup>2</sup>)  
BHP máximos: 40.5

Almacén máx. de motor: hasta 1500 rpm 256T, de 1501 a 2000 rpm 324T  
RPM máximas: 2000  
Peso del equipo: 236 Kg (520 Lbs)

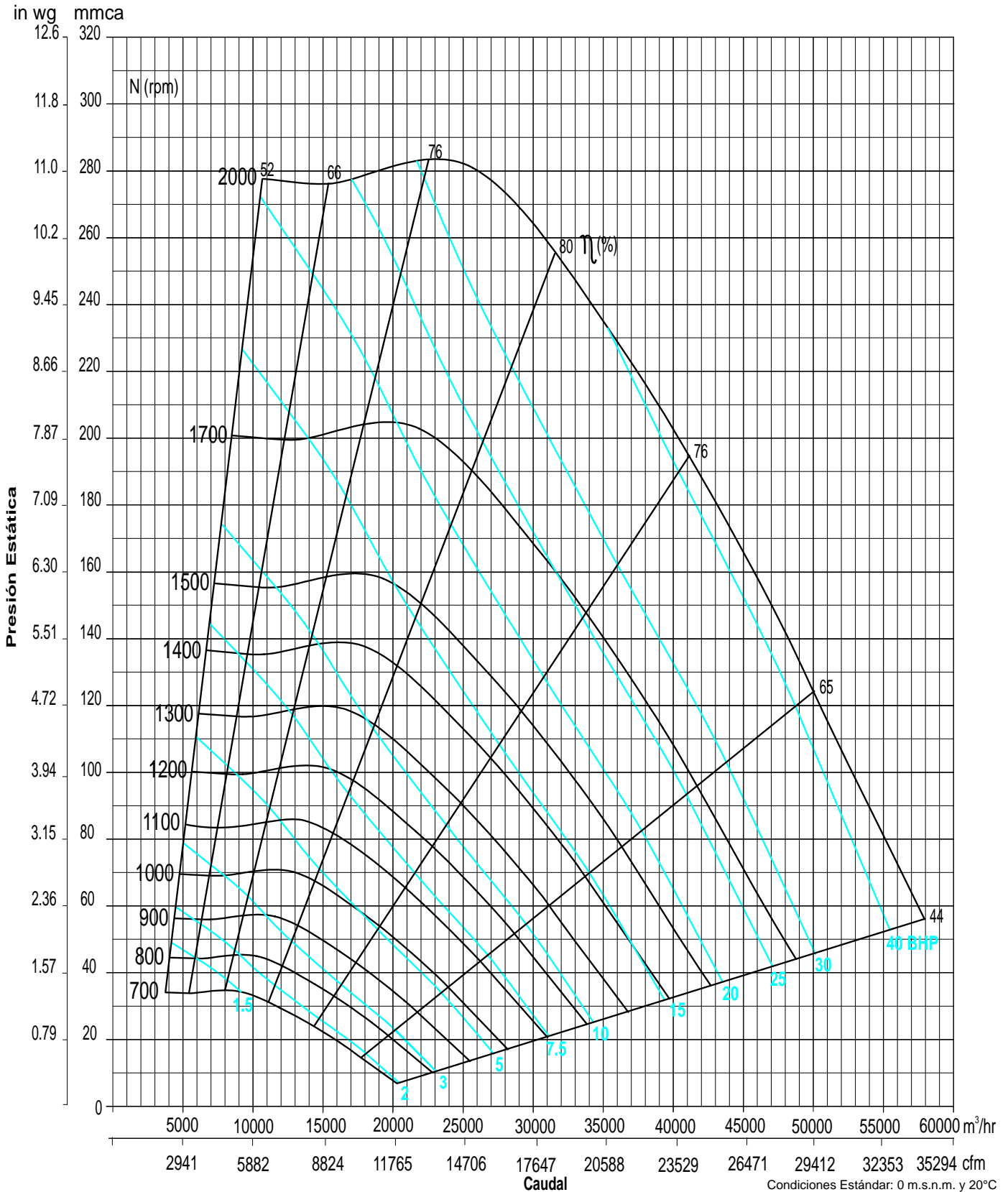
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6198	900	LwA	0.71	LwA	1.29	LwA	1.92	LwA	2.59	LwA	3.30	LwA	4.05	LwA	4.83	LwA	5.67	LwA	6.56	LwA	7.47	LwA	8.44	LwA	9.43
10530		BHP	0.71	BHP	1.29	BHP	1.92	BHP	2.59	BHP	3.30	BHP	4.05	BHP	4.83	BHP	5.67	BHP	6.56	BHP	7.47	BHP	8.44	BHP	9.43
7575	1100	LwA	0.97	LwA	1.64	LwA	2.37	LwA	3.14	LwA	3.93	LwA	4.76	LwA	5.61	LwA	6.50	LwA	7.42	LwA	8.37	LwA	9.37	LwA	10.4
12870		BHP	0.97	BHP	1.64	BHP	2.37	BHP	3.14	BHP	3.93	BHP	4.76	BHP	5.61	BHP	6.50	BHP	7.42	BHP	8.37	BHP	9.37	BHP	10.4
8952	1300	LwA	1.27	LwA	2.07	LwA	2.88	LwA	3.74	LwA	4.64	LwA	5.55	LwA	6.50	LwA	7.47	LwA	8.48	LwA	9.49	LwA	10.5	LwA	11.6
15209		BHP	1.27	BHP	2.07	BHP	2.88	BHP	3.74	BHP	4.64	BHP	5.55	BHP	6.50	BHP	7.47	BHP	8.48	BHP	9.49	BHP	10.5	BHP	11.6
10330	1500	LwA	1.69	LwA	2.56	LwA	3.49	LwA	4.43	LwA	5.42	LwA	6.44	LwA	7.48	LwA	8.54	LwA	9.63	LwA	10.7	LwA	11.9	LwA	13.0
17551		BHP	1.69	BHP	2.56	BHP	3.49	BHP	4.43	BHP	5.42	BHP	6.44	BHP	7.48	BHP	8.54	BHP	9.63	BHP	10.7	BHP	11.9	BHP	13.0
11707	1700	LwA	2.24	LwA	3.14	LwA	4.18	LwA	5.22	LwA	6.29	LwA	7.40	LwA	8.56	LwA	9.72	LwA	10.9	LwA	12.1	LwA	13.3	LwA	14.5
19890		BHP	2.24	BHP	3.14	BHP	4.18	BHP	5.22	BHP	6.29	BHP	7.40	BHP	8.56	BHP	9.72	BHP	10.9	BHP	12.1	BHP	13.3	BHP	14.5
13084	1900	LwA	2.91	LwA	3.82	LwA	4.96	LwA	6.13	LwA	7.30	LwA	8.49	LwA	9.72	LwA	10.9	LwA	12.3	LwA	13.6	LwA	14.9	LwA	16.2
22230		BHP	2.91	BHP	3.82	BHP	4.96	BHP	6.13	BHP	7.30	BHP	8.49	BHP	9.72	BHP	10.9	BHP	12.3	BHP	13.6	BHP	14.9	BHP	16.2
13773	2000	LwA	3.29	LwA	4.22	LwA	5.39	LwA	6.62	LwA	7.84	LwA	9.08	LwA	10.3	LwA	11.6	LwA	12.9	LwA	14.3	LwA	15.7	LwA	17.1
23400		BHP	3.29	BHP	4.22	BHP	5.39	BHP	6.62	BHP	7.84	BHP	9.08	BHP	10.3	BHP	11.6	BHP	12.9	BHP	14.3	BHP	15.7	BHP	17.1
14461	2100	LwA	3.70	LwA	4.68	LwA	5.85	LwA	7.13	LwA	8.42	LwA	9.71	LwA	11.0	LwA	12.3	LwA	13.7	LwA	14.9	LwA	16.6	LwA	18.0
24569		BHP	3.70	BHP	4.68	BHP	5.85	BHP	7.13	BHP	8.42	BHP	9.71	BHP	11.0	BHP	12.3	BHP	13.7	BHP	14.9	BHP	16.6	BHP	18.0
15150	2200	LwA	4.16	LwA	5.18	LwA	6.33	LwA	7.67	LwA	9.03	LwA	10.4	LwA	11.7	LwA	13.1	LwA	14.5	LwA	15.9	LwA	17.4	LwA	18.9
25740		BHP	4.16	BHP	5.18	BHP	6.33	BHP	7.67	BHP	9.03	BHP	10.4	BHP	11.7	BHP	13.1	BHP	14.5	BHP	15.9	BHP	17.4	BHP	18.9
15839	2300	LwA	5.71	LwA	6.87	LwA	8.23	LwA	9.67	LwA	11.1	LwA	12.5	LwA	13.8	LwA	15.4	LwA	16.8	LwA	18.4	LwA	19.9	LwA	21.4
26910		BHP	5.71	BHP	6.87	BHP	8.23	BHP	9.67	BHP	11.1	BHP	12.5	BHP	13.8	BHP	15.4	BHP	16.8	BHP	18.4	BHP	19.9	BHP	21.4
16527	2400	LwA	6.30	LwA	7.46	LwA	8.84	LwA	10.3	LwA	11.8	LwA	13.3	LwA	14.7	LwA	16.3	LwA	17.8	LwA	19.3	LwA	20.9	LwA	22.4
28079		BHP	6.30	BHP	7.46	BHP	8.84	BHP	10.3	BHP	11.8	BHP	13.3	BHP	14.7	BHP	16.3	BHP	17.8	BHP	19.3	BHP	20.9	BHP	22.4
17905	2600	LwA	7.60	LwA	8.80	LwA	10.1	LwA	11.7	LwA	13.3	LwA	14.9	LwA	16.5	LwA	18.1	LwA	19.7	LwA	21.3	LwA	23.0	LwA	24.6
30421		BHP	7.60	BHP	8.80	BHP	10.1	BHP	11.7	BHP	13.3	BHP	14.9	BHP	16.5	BHP	18.1	BHP	19.7	BHP	21.3	BHP	23.0	BHP	24.6
19282	2800	LwA	9.08	LwA	10.4	LwA	12.90	LwA	14.7	LwA	16.3	LwA	17.9	LwA	19.5	LwA	21.1	LwA	22.7	LwA	24.3	LwA	25.9	LwA	27.5
32760		BHP	9.08	BHP	10.4	BHP	12.90	BHP	14.7	BHP	16.3	BHP	17.9	BHP	19.5	BHP	21.1	BHP	22.7	BHP	24.3	BHP	25.9	BHP	27.5
20659	3000	LwA	12.95	LwA	15.1	LwA	17.1	LwA	19.5	LwA	22.1	LwA	24.7	LwA	27.3	LwA	30.0	LwA	32.6	LwA	35.2	LwA	37.8	LwA	40.4
35100		BHP	12.95	BHP	15.1	BHP	17.1	BHP	19.5	BHP	22.1	BHP	24.7	BHP	27.3	BHP	30.0	BHP	32.6	BHP	35.2	BHP	37.8	BHP	40.4
22036	3200	LwA	14.12	LwA	16.3	LwA	18.6	LwA	21.1	LwA	23.6	LwA	26.1	LwA	28.6	LwA	31.1	LwA	33.6	LwA	36.1	LwA	38.6	LwA	41.1
37439		BHP	14.12	BHP	16.3	BHP	18.6	BHP	21.1	BHP	23.6	BHP	26.1	BHP	28.6	BHP	31.1	BHP	33.6	BHP	36.1	BHP	38.6	BHP	41.1
23414	3400	LwA	16.3	LwA	18.6	LwA	21.1	LwA	23.6	LwA	26.1	LwA	28.6	LwA	31.1	LwA	33.6	LwA	36.1	LwA	38.6	LwA	41.1	LwA	43.6
39780		BHP	16.3	BHP	18.6	BHP	21.1	BHP	23.6	BHP	26.1	BHP	28.6	BHP	31.1	BHP	33.6	BHP	36.1	BHP	38.6	BHP	41.1	BHP	43.6
24791	3600	LwA	18.6	LwA	21.1	LwA	23.6	LwA	26.1	LwA	28.6	LwA	31.1	LwA	33.6	LwA	36.1	LwA	38.6	LwA	41.1	LwA	43.6	LwA	46.1
42120		BHP	18.6	BHP	21.1	BHP	23.6	BHP	26.1	BHP	28.6	BHP	31.1	BHP	33.6	BHP	36.1	BHP	38.6	BHP	41.1	BHP	43.6	BHP	46.1
25480	3700	LwA	20.1	LwA	22.6	LwA	25.1	LwA	27.6	LwA	30.1	LwA	32.6	LwA	35.1	LwA	37.6	LwA	40.1	LwA	42.6	LwA	45.1	LwA	47.6
43291		BHP	20.1	BHP	22.6	BHP	25.1	BHP	27.6	BHP	30.1	BHP	32.6	BHP	35.1	BHP	37.6	BHP	40.1	BHP	42.6	BHP	45.1	BHP	47.6

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7575	1100	LwA	11.5	LwA	12.0	LwA	12.6	LwA	13.7	LwA	14.9	LwA	16.1	LwA	17.3	LwA	18.5	LwA	19.2	LwA	19.8	LwA	21.1	LwA	21.8
12870		BHP	11.5	BHP	12.0	BHP	12.6	BHP	13.7	BHP	14.9	BHP	16.1	BHP	17.3	BHP	18.5	BHP	19.2	BHP	19.8	BHP	21.1	BHP	21.8
8952	1300	LwA	12.7	LwA	13.3	LwA	13.9	LwA	15.0	LwA	16.2	LwA	17.6	LwA	18.7	LwA	19.9	LwA	20.7	LwA	21.3	LwA	22.7	LwA	23.4
15209		BHP	12.7	BHP	13.3	BHP	13.9	BHP	15.0	BHP	16.2	BHP	17.6	BHP	18.7	BHP	19.9	BHP	20.7	BHP	21.3	BHP	22.7	BHP	23.4
10330	1500	LwA	14.2	LwA	14.8	LwA	15.4	LwA	16.6	LwA	17.8	LwA	19.1	LwA	20.4	LwA	21.8	LwA	22.4	LwA	23.1	LwA	24.5	LwA	25.2
17551		BHP	14.2	BHP	14.8	BHP	15.4	BHP	16.6	BHP	17.8	BHP	19.1	BHP	20.4	BHP	21.8	BHP	22.4	BHP	23.1	BHP	24.5	BHP	25.2
11707	1700	LwA	15.8	LwA	16.5	LwA	17.1	LwA	18.4	LwA	19.7	LwA	21.1	LwA	22.4	LwA	23.8	LwA	24.5	LwA	25.2	LwA	26.6	LwA	27.4
19890		BHP	15.8	BHP	16.5	BHP	17.1	BHP	18.4	BHP	19.7	BHP	21.1	BHP	22.4	BHP	23.8	BHP	24.5	BHP	25.2	BHP	26.6	BHP	27.4
12396	1800	LwA	16.7	LwA	17.3	LwA	18.0	LwA	19.4	LwA	20.7	LwA	22.1	LwA	23.5	LwA	24.9	LwA	25.7	LwA	26.4	LwA	27.8	LwA	28.6
21061		BHP	16.7	BHP	17.3	BHP	18.0	BHP	19.4	BHP	20.7	BHP	22.1	BHP	23.5	BHP	24.9	BHP	25.7	BHP	26.4	BHP	27.8	BHP	28.6
13084	1900	LwA	17.6	LwA	18.2	LwA	18.9	LwA	20.3	LwA	21.7	LwA	23.2	LwA	24.6	LwA	26.1	LwA	26.8	LwA	27.6	LwA	29.1	LwA	29.8
22230		BHP	17.6	BHP	18.2	BHP	18.9	BHP	20.3	BHP	21.7	BHP	23.2	BHP	24.6	BHP	26.1	BHP	26.8	BHP	27.6	BHP	29.1	BHP	29.8
13773	2000	LwA	18.5	LwA	19.2	LwA	19.9	LwA	21.3	LwA	22.8	LwA	24.3	LwA	25.8	LwA	27.3	LwA	28.1	LwA	28.8	LwA	30.4	LwA	31.1
23400		BHP	18.5	BHP	19.2	BHP	19.9	BHP	21.3	BHP	22.8	BHP	24.3	BHP	25.8	BHP	27.3	BHP	28.1	BHP	28.8	BHP	30.4	BHP	31.1
14461	2100	LwA	19.5	LwA	20.2	LwA	20.9	LwA	22.4	LwA	23.9	LwA	25.4	LwA	26.9	LwA	28.5	LwA	29.3	LwA	30.1	LwA	31.7	LwA	32.5
24569		BHP	19.5	BHP	20.2	BHP	20.9	BHP	22.4	BHP	23.9	BHP	25.4	BHP	26.9	BHP	28.5	BHP	29.3	BHP	30.1	BHP	31.7	BHP	

# CMD 630



## CURVA CARACTERÍSTICA





# CMD 710

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 718 mm (28 1/4 inch)  
 Diámetro del eje: hasta 1350 rpm 50.8 mm (2 inch)  
 de 1351 a 1800 rpm 57.2 mm (2 1/4 inch)

Área de salida: 0.806 m<sup>2</sup> (8.677 ft<sup>2</sup>)  
 BHP máximos: 52.7

Almacén máx. de motor: hasta 1350 rpm 284T, de 1351 a 1800 rpm 326T  
 RPM máximas: 1800  
 Peso del equipo: 294 Kg (648 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6941	800	435	0.75	552	1.42	657	2.21	752	2.94	839	3.65	918	4.43	991	5.30	1060	6.24	1125	7.24	1184	8.29	1246	9.39	1302	10.5
11793		61	66	71	75	78	80	82	84	86	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
8677	1000	480	1.05	587	1.81	678	2.66	765	3.65	846	4.63	922	5.53	993	6.40	1061	7.31	1124	8.27	1185	9.31	1243	10.4	1298	11.6
14742		67	69	72	75	78	80	82	84	86	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
10412	1200	528	1.42	630	2.31	714	3.25	790	4.25	864	5.39	935	6.60	1002	7.76	1067	8.86	1128	9.92	1187	10.9	1244	12.0	1299	13.2
17690		71	72	74	76	79	81	83	84	86	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
12148	1400	580	1.92	675	2.90	756	3.96	828	5.06	894	6.21	957	7.46	1020	8.82	1080	10.2	1139	11.6	1196	12.9	1250	14.2	1303	15.4
20639		74	76	77	78	80	81	82	83	84	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
13883	1600	634	2.55	723	3.62	800	4.79	870	6.01	933	7.27	991	8.54	1048	9.91	1103	11.4	1158	12.9	1211	14.5	1263	16.1	1314	17.7
23587		78	79	80	81	81	81	83	84	86	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
15618	1800	691	3.31	773	4.49	847	5.75	914	7.09	975	8.48	1031	9.88	1085	11.3	1136	12.8	1186	14.3	1235	16.0	1284	17.7	1332	19.5
26535		81	81	83	84	84	84	84	86	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
17354	2000	750	4.22	825	5.54	895	6.89	959	8.33	1019	9.82	1074	11.3	1126	12.9	1175	14.5	1222	16.1	1268	17.7	1313	19.5	1357	21.3
29484		84	84	85	85	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
18221	2100	780	4.75	852	6.13	920	7.54	983	9.01	1041	10.5	1096	12.1	1147	13.8	1195	15.4	1242	17.1	1286	18.7	1330	20.5	1373	22.3
30957		86	85	86	87	87	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
19089	2200	810	5.32	880	6.77	945	8.23	1007	9.75	1064	11.3	1118	12.9	1169	14.7	1217	16.4	1262	18.1	1306	19.8	1349	21.6	1390	23.4
32432		87	87	87	88	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
19957	2300	908	7.46	971	8.97	1031	10.5	1087	12.2	1140	13.9	1190	15.6	1238	17.4	1283	19.2	1327	20.9	1368	22.8	1409	24.6		
33907		88	88	88	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
20824	2400	936	8.19	998	9.78	1056	11.4	1111	13.0	1163	14.8	1213	16.6	1260	18.4	1305	20.3	1347	22.2	1389	24.0	1429	25.9		
35380		89	89	89	90	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
22560	2600	993	9.83	1051	11.5	1107	13.2	1160	15.0	1210	16.8	1258	18.7	1304	20.7	1348	22.6	1390	24.6	1431	26.7	1470	28.7		
38329		91	91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
24295	2800	1052	11.7	1107	13.5	1160	15.4	1210	17.2	1259	19.1	1305	21.1	1350	23.2	1393	25.2	1434	27.4	1474	29.5	1513	31.7		
41277		94	93	93	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
26031	3000	1163	15.7	1214	17.7	1262	19.7	1309	21.7	1354	23.8	1397	25.9	1439	28.1	1479	30.3	1518	32.6	1556	34.8				
44227		95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
27766	3200	1221	18.2	1269	20.3	1315	22.4	1360	24.6	1403	26.7	1445	28.9	1486	31.2	1525	33.5	1564	35.9	1601	38.3				
47174		97	97	97	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
29501	3400	1280	21.0	1325	23.3	1369	25.5	1412	27.7	1454	30.0	1495	32.3	1535	34.7	1573	37.1	1610	39.5	1647	41.9				
50122		98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
31237	3600	1340	24.1	1383	26.5	1425	28.8	1466	31.2	1507	33.6	1546	35.9	1584	38.4	1622	40.9	1658	43.4	1693	46.0				
53072		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
32104	3700	1370	25.7	1412	28.2	1453	30.6	1493	33.0	1533	35.5	1572	37.9	1609	40.4	1646	42.9	1682	45.6	1717	48.2				
54545		101	101	101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

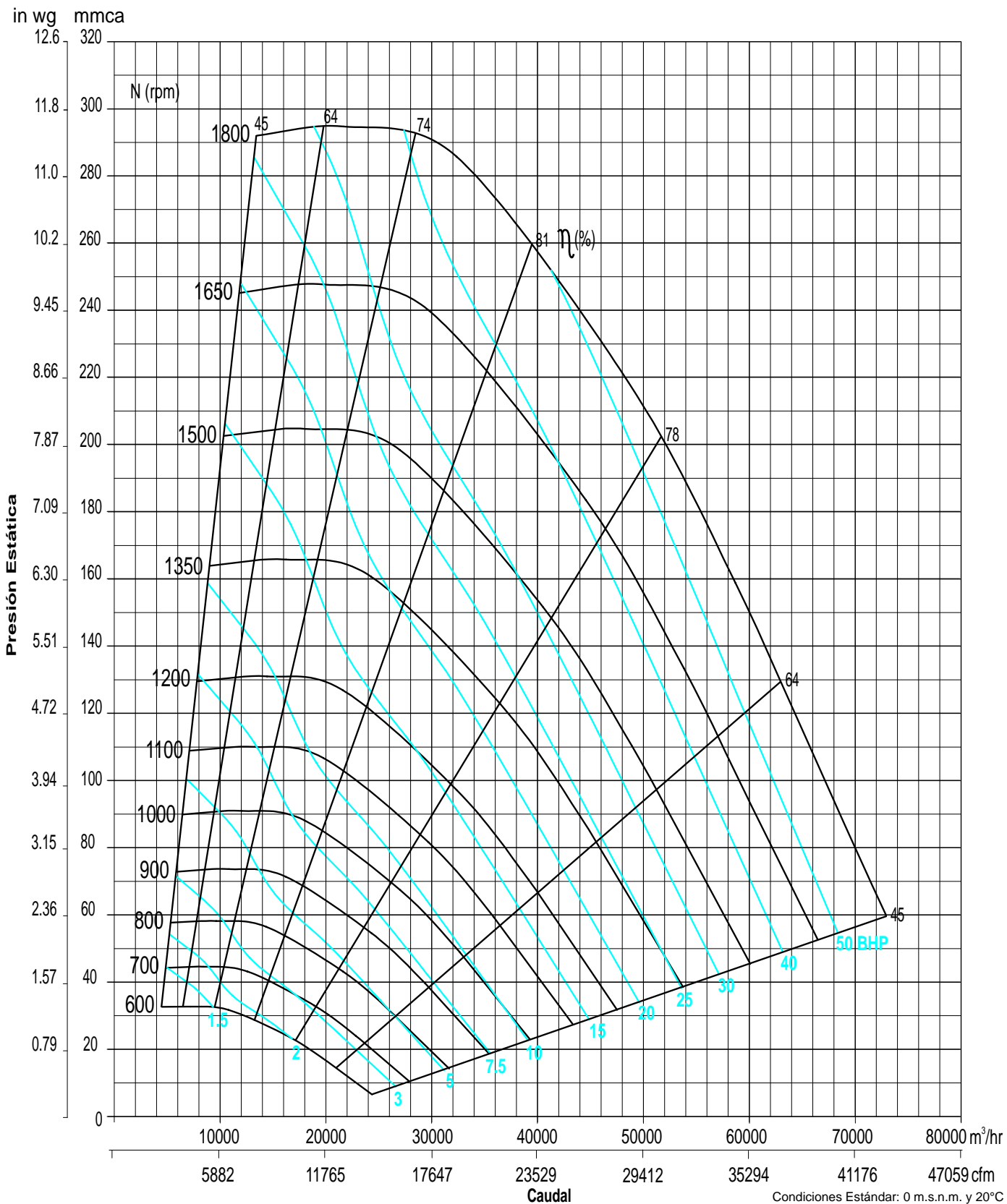
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"		279.4mm/11.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9545	1100	1351	13.5	1377	14.1	1402	14.7	1450	16.0	1498	17.4	1544	18.8	1589	20.2	1636	21.7	1679	23.2	1721	24.7	1742	25.5	1762	26.2
16217		91	92	92	92	93	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
11280	1300	1352	15.4	1378	16.0	1403	16.6	1451	17.9	1499	19.2	1545	20.6	1590	22.0	1633	23.5	1675	25.0	1718	26.6	1738	27.4	1759	28.1
19165		91	92	92	92	93	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
13015	1500	1358	17.9	1383	18.6	1407	19.3	1455	20.6	1501	21.9	1547	23.3	1591	24.6	1634	26.1	1676	27.5	1717	29.1	1737	29.8	1758	30.6
22112		92	92	93	93	94	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
14751	1700	1370	20.4	1394	21.2	1417	22.0	1464	23.6	1509	25.1	1553	26.6	1596	28.1	1638	29.6	1679	31.1	1720	32.6	1740	33.3	1759	34.1
25062		92	92	93	93	94	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
15618	1800	1379	21.3	1402	22.2	1425	23.1	1470	24.9	1514	26.6	1558	28.3	1600	29.9	1642	31.5	1682	33.1	1722	34.7	1742	35.5	1762	36.2
26535		92	92	93	93	94	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
16486	1900	1389	22.2	1411	23.2	1434	24.2	1478	26.1	1521	27.9	1564	29.8	1605	31.6	1646	33.4	1687	35.1	1726	36.8	1746	37.6	1765	38.3
28010		92	92	93	93	94	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
17354	2000	1401	23.2	1423	24.2	1444	25.2	1487	27.2	1530	29.2	1571	31.2	1612	33.2	1653	35.1	1692	37.0	1731	38.8	1750	39.7	1769	40.6
29484		92	93	93	93	94	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
18221	2100	1415	24.2	1436	25.2	1457	26.2	1499	28.2	1540	30.3	1580	32.4	1620	34.5	1660	36.6	1699	38.7	1737	40.8	1756	41.7	1775	42.7
30957		92	93	93	93	94	94	94	94	95	95	96	96	96	96	96	96	97	97	98	98	98	98	98	
19089	2200																								





# CMD 710

## CURVA CARACTERÍSTICA



# CMD 800



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 808 mm (31 13/16 inch)  
 Diámetro del eje: hasta 1200 rpm 57.2 mm (2 1/4 inch)  
 de 1201 a 1600 rpm 63.5 mm (2 1/2 inch)

Área de salida: 1.012 m<sup>2</sup> (10.89 ft<sup>2</sup>)  
 BHP máximos: 67.0

Almacén máx. de motor: hasta 1200 rpm 286T, de 1201 a 1600 rpm 365T  
 RPM máximas: 1600  
 Peso del equipo: 400 Kg (882 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9800	900	406	1.09	505	1.98	588	2.96	665	4.04	744	5.15	819	6.30	887	7.47	948	8.66	1004	9.91	1056	11.2	1107	12.5	1154	13.8
16650		67		71		74		77		80		83		85		87		89		90		91		92	
11978	1100	449	1.48	540	2.52	618	3.63	687	4.83	751	6.09	815	7.40	879	8.77	943	10.1	1003	11.5	1060	12.9	1112	14.4	1161	15.9
20351		71		74		76		78		81		83		85		87		89		90		91		93	
14156	1300	496	2.00	580	3.18	653	4.43	719	5.75	779	7.13	835	8.57	889	10.1	942	11.6	997	13.2	1052	14.8	1105	16.5	1157	18.1
24051		75		77		79		81		82		84		85		87		88		90		91		93	
16334	1500	545	2.68	623	3.94	691	5.35	753	6.81	811	8.33	865	9.90	916	11.5	964	13.2	1011	14.9	1057	16.7	1104	18.5	1151	20.3
27751		79		80		81		83		84		86		87		88		89		90		91		92	
18512	1700	596	3.57	668	4.88	733	6.42	792	8.03	846	9.70	898	11.4	947	13.1	994	14.9	1038	16.8	1081	18.7	1123	20.6	1164	22.6
31452		82		83		84		85		86		88		89		90		91		91		92		93	
20689	1900	648	4.64	716	6.02	777	7.66	833	9.41	885	11.2	934	13.1	981	14.9	1026	16.9	1070	18.8	1111	20.9	1151	22.9	1190	25.0
35151		85		86		86		87		89		90		91		91		92		93		93		94	
21778	2000	675	5.26	740	6.69	799	8.34	854	10.1	905	12.1	953	13.9	999	15.9	1044	17.9	1086	19.9	1127	22.1	1167	24.2	1205	26.3
37001		86		87		87		89		90		91		91		92		93		94		94		94	
22867	2100	702	5.93	765	7.43	822	9.09	876	10.9	926	12.9	973	14.9	1018	16.9	1062	19.0	1103	21.1	1144	23.3	1182	25.5	1220	27.7
38851		87		88		89		90		91		92		92		93		94		94		95		95	
23956	2200	730	6.65	790	8.23	846	9.91	898	11.8	947	13.9	993	15.9	1038	18.1	1080	20.2	1121	22.4	1161	24.6	1199	26.8	1236	29.1
40701		89		89		90		91		91		92		93		94		94		94		95		96	
25045	2300			816	9.11	870	10.8	921	12.7	969	14.8	1014	17.0	1057	19.2	1099	21.4	1139	23.6	1178	25.9	1216	28.2	1253	30.6
42551				91		91		92		92		93		94		95		95		95		96		96	
26134	2400			842	10.0	894	11.8	944	13.7	991	15.9	1035	18.1	1078	20.4	1119	22.6	1158	25.0	1196	27.3	1233	29.7	1270	32.1
44402				92		92		92		93		94		95		95		96		96		96		97	
27223	2500			868	11.1	919	12.8	967	14.8	1013	16.9	1057	19.3	1099	21.6	1139	23.9	1177	26.4	1215	28.8	1252	31.3	1287	33.8
46252				93		93		94		94		95		96		96		97		97		97		97	
29401	2700			921	13.3	969	15.2	1015	17.2	1059	19.4	1101	21.8	1141	24.3	1180	26.8	1218	29.4	1254	31.9	1289	34.5	1324	37.2
49952				95		95		95		96		97		97		97		97		98		98		99	
31578	2900					1020	17.9	1064	19.9	1106	22.2	1147	24.6	1186	27.2	1223	29.9	1259	32.6	1295	35.3	1329	38.1	1362	40.9
53651						97		97		98		98		98		98		99		99		99		100	
33756	3100					1073	20.9	1115	23.1	1155	25.4	1194	27.8	1231	30.5	1267	33.3	1303	36.1	1337	39.0	1370	41.9	1402	44.8
57351						99		99		99		99		99		100		100		100		101		101	
35934	3300					1126	24.3	1166	26.6	1204	28.9	1242	31.4	1278	34.1	1313	36.9	1347	39.9	1380	42.9	1412	46.0	1444	49.1
61052						100		100		100		100		101		101		101		101		102		102	
38112	3500					1179	28.0	1218	30.5	1255	33.0	1291	35.5	1326	38.2	1360	41.1	1393	44.1	1425	47.2	1456	50.4	1487	53.7
64752						101		101		102		102		102		102		102		103		103		103	
39201	3600					1206	30.0	1244	32.6	1280	35.2	1316	37.7	1350	40.4	1383	43.3	1416	46.4	1447	49.5	1478	52.8	1509	56.1
66602						102		102		102		102		103		103		103		103		104		104	

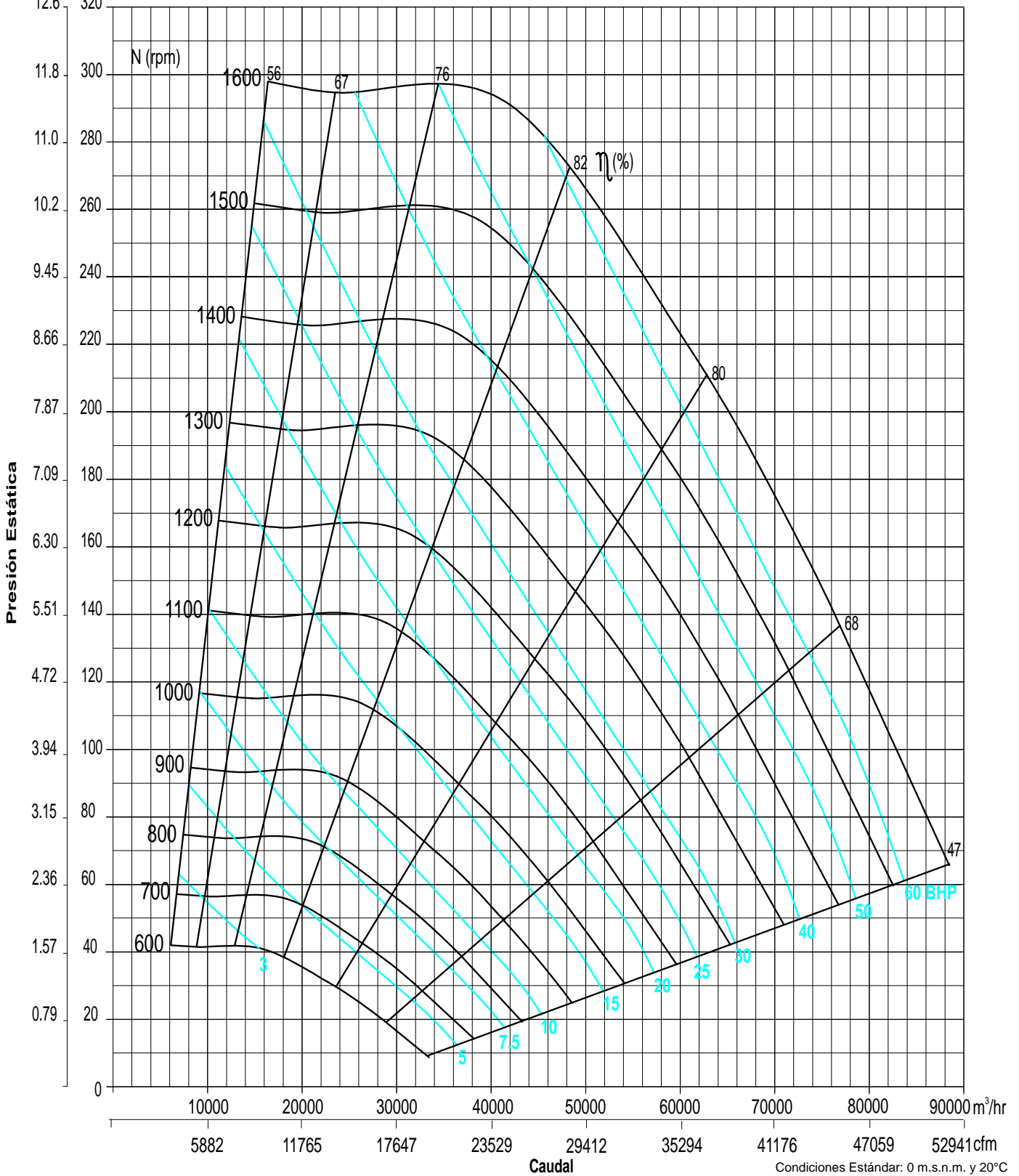
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		279.4mm/11.0"		285.8mm/11.25"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11978	1100	1206	17.4	1252	18.9	1294	20.5	1335	22.1	1375	23.7	1395	24.6	1414	25.4	1451	27.1	1488	28.9	1524	30.6	1559	32.5	1576	33.4
20351		94		95		96		96		97		98		98		99		99		100		100		101	
14156	1300	1207	19.8	1254	21.5	1298	23.2	1341	24.9	1382	26.7	1400	27.5	1420	28.4	1459	30.2	1496	32.1	1531	33.9	1566	35.8	1583	36.8
24051		94		95		96		96		97		98		98		99		99		100		101		101	
16334	1500	1200	22.2	1246	24.1	1291	25.9	1336	27.9	1380	29.8	1401	30.8	1421	31.7	1461	33.7	1499	35.7	1536	37.7	1572	39.7	1590	40.7
27751		93		94		95		96		97		98		98		99		99		100		101		101	
18512	1700	1204	24.6	1245	26.6	1287	28.7	1329	30.8	1371	32.9	1392	34.0	1412	35.1	1453	37.2	1493	39.4	1532	41.6	1570	43.7	1588	44.9
31452		94		94		95		96		97		97		98		99		99		100		101		101	
19600	1800	1214	25.8	1253	27.9	1292	30.1	1331	32.3	1370	34.5	1390	35.6	1410	36.7	1449	38.9	1488	41.2	1527	43.5	1565	45.8	1584	46.9
33300		94		95		95		96		97		97		98		98		99		100		101		101	
20689	1900	1227	27.1	1264	29.3	1301	31.5	1337	33.8	1374	36.0	1392	37.2	1411	38.4	1448	40.7	1486	43.1	1522	45.4	1561	47.8	1579	49.0
35151		94		95		96		96		97		98		98		99		99		100		101		101	
21778	2000	1242	28.5	1278	30.7	1313	33.0	1348	35.3	1382	37.6	1400	38.8	1417	40.0	1452	42.4	1487	44.8	1523	47.3	1558	49.8	1576	51.1
37001		95		96		96		97		97		98		98		99		99		100		101		101	
22867	2100	1257	29.9	1292	32.2	1327	34.5	1360	36.9	1394	39.3	1410	40.5	1427	41.7	1460	44.2	1493	46.7	1526	49.3	1560	51.8	1577	53.1
38851		96		96		97		97		98		98		98		99		99		100		101		101	
23956	2200	1272	31.4	1307	33.8	1341	36.2	1375	38.6	1407	41.0	1423	42.3	1439	43.5	1471	46.1	1503	48.6	1534	51.2	1566	53.9	1582	55.2
40701		96		97		97		98		98		98		99		99		100		100		101		101	
25045	2300	1288	32.9	1323	35.4	1357	37.8	1390	40.3	1422	42.9	1438	44.1	1453	45.4	1484	48.0	1515	50.6	1545	53.3	1575	55.9	1590	57.3
42551		97		97		98		98		99		99		99		100		100		100		101		101	
26134	2400	1305	34.6	1339	37.1	1372	39.6	1405	42.1	1437	44.7	1452	46.0	1468	47.3	1498	50.0	1528	52.7</						

# CMD 800



## CURVA CARACTERÍSTICA

in wg mmca  
12.6 320





# CMD 900

## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 905 mm (35 5/8 inch)  
 Diámetro del eje: hasta 1050 rpm 63.5 mm (2 1/2 inch)  
 de 1051 a 1400 rpm 69.9 mm (2 3/4 inch)

Área de salida: 1.276 m<sup>2</sup> (13.74 ft<sup>2</sup>)  
 BHP máximos: 77.8

Armazón máx. de motor: hasta 1050 rpm 324T, de 1051 a 1400 rpm 365T  
 RPM máximas: 1400  
 Peso del equipo: 619 Kg (1365 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP
12365	900	359	1.35	447	2.47	526	3.78	601	5.15	671	6.41	735	7.64	797	9.00	853	10.5	905	12.1	955	13.8	1002	15.6	1047	17.5
21008		66	69	73	77	80	83	85	87	88	90	91	93	94	95	96	97	98	99	100	101	102	103	104	105
15113	1100	396	1.88	477	3.15	547	4.53	613	6.09	675	7.79	736	9.45	794	11.0	849	12.5	902	14.0	952	15.6	999	17.4	1044	19.2
25677		70	73	75	78	81	83	85	87	88	90	91	93	94	95	96	97	98	99	100	101	102	103	104	105
17861	1300	434	2.59	513	3.97	577	5.53	636	7.15	692	8.92	746	10.9	799	12.9	850	14.9	901	16.7	949	18.5	996	20.3	1041	22.1
30346		74	76	78	80	82	83	85	86	87	88	90	91	93	94	95	96	97	98	99	100	101	102	103	104
20609	1500	477	3.49	549	4.99	611	6.68	666	8.50	718	10.3	767	12.3	815	14.4	862	16.7	908	19.1	952	21.4	997	23.6	1040	25.7
35015		78	79	81	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
23357	1700	521	4.57	587	6.29	647	8.06	700	10.0	748	12.1	794	14.2	839	16.3	882	18.6	924	21.1	965	23.6	1006	26.3	1046	28.9
39684		81	82	83	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
26105	1900	567	5.87	627	7.84	685	9.74	736	11.8	782	14.0	826	16.3	868	18.6	908	21.0	947	23.4	986	26.0	1024	28.7	1061	31.6
44352		84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
27479	2000	591	6.62	648	8.72	703	10.7	754	12.8	800	15.0	843	17.4	883	19.9	923	22.3	961	24.8	998	27.4	1035	30.1	1071	32.9
46687		86	87	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
28853	2100	615	7.44	669	9.64	723	11.7	773	13.8	818	16.2	860	18.6	900	21.2	938	23.7	975	26.3	1012	28.9	1047	31.7	1082	34.5
49021		87	88	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
30227	2200	638	8.33	691	10.6	742	12.9	792	15.1	837	17.4	878	19.9	917	22.5	955	25.2	991	27.9	1026	30.6	1061	33.3	1095	36.2
51356		88	89	90	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
31601	2300	714	11.7	762	14.1	810	16.3	855	18.7	897	21.3	935	23.9	972	26.7	1007	29.5	1041	32.3	1075	35.1	1108	37.9	1148	40.7
53690		90	91	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
32975	2400	736	12.9	783	15.3	829	17.7	874	20.1	915	22.7	953	26.8	989	28.3	1024	31.2	1057	34.1	1090	37.1	1123	40.0	1163	42.9
56025		91	92	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113
34349	2500	759	14.1	804	16.7	849	19.2	893	21.7	933	24.3	971	27.1	1007	29.9	1041	32.9	1074	35.9	1106	39.0	1138	42.1	1180	45.2
58359		92	93	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
37096	2700	805	20.8	848	19.6	889	22.4	931	25.1	971	27.7	1008	30.6	1043	33.6	1077	36.7	1109	39.9	1140	43.1	1170	46.4	1214	49.7
63026		94	94	95	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
39844	2900	893	22.9	932	25.9	970	28.9	1008	31.7	1045	34.6	1080	37.7	1113	40.8	1145	44.2	1175	47.6	1204	51.0	1234	54.4	1264	57.2
67695		96	97	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
42592	3100	938	26.6	975	29.9	1011	33.0	1047	36.1	1083	39.2	1117	42.3	1150	45.5	1181	48.9	1211	52.4	1240	56.0	1269	59.1	1300	62.2
72364		98	98	99	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
45340	3300	985	30.7	1020	34.2	1054	37.6	1088	40.9	1122	44.3	1155	47.5	1187	50.8	1218	54.2	1248	57.8	1277	61.5	1307	65.1	1337	68.4
77033		99	100	100	101	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
48088	3500	1032	35.3	1065	38.9	1098	42.6	1130	46.2	1162	49.8	1194	53.2	1225	56.7	1256	60.2	1285	63.8	1313	67.5	1341	71.2	1370	74.9
81702		101	101	102	102	103	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121
49462	3600	1056	37.7	1088	41.5	1120	45.3	1151	49.0	1182	52.7	1213	56.3	1244	59.8	1274	63.4	1304	67.1	1332	70.8	1361	74.5	1390	78.2
84036		102	102	103	103	104	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122

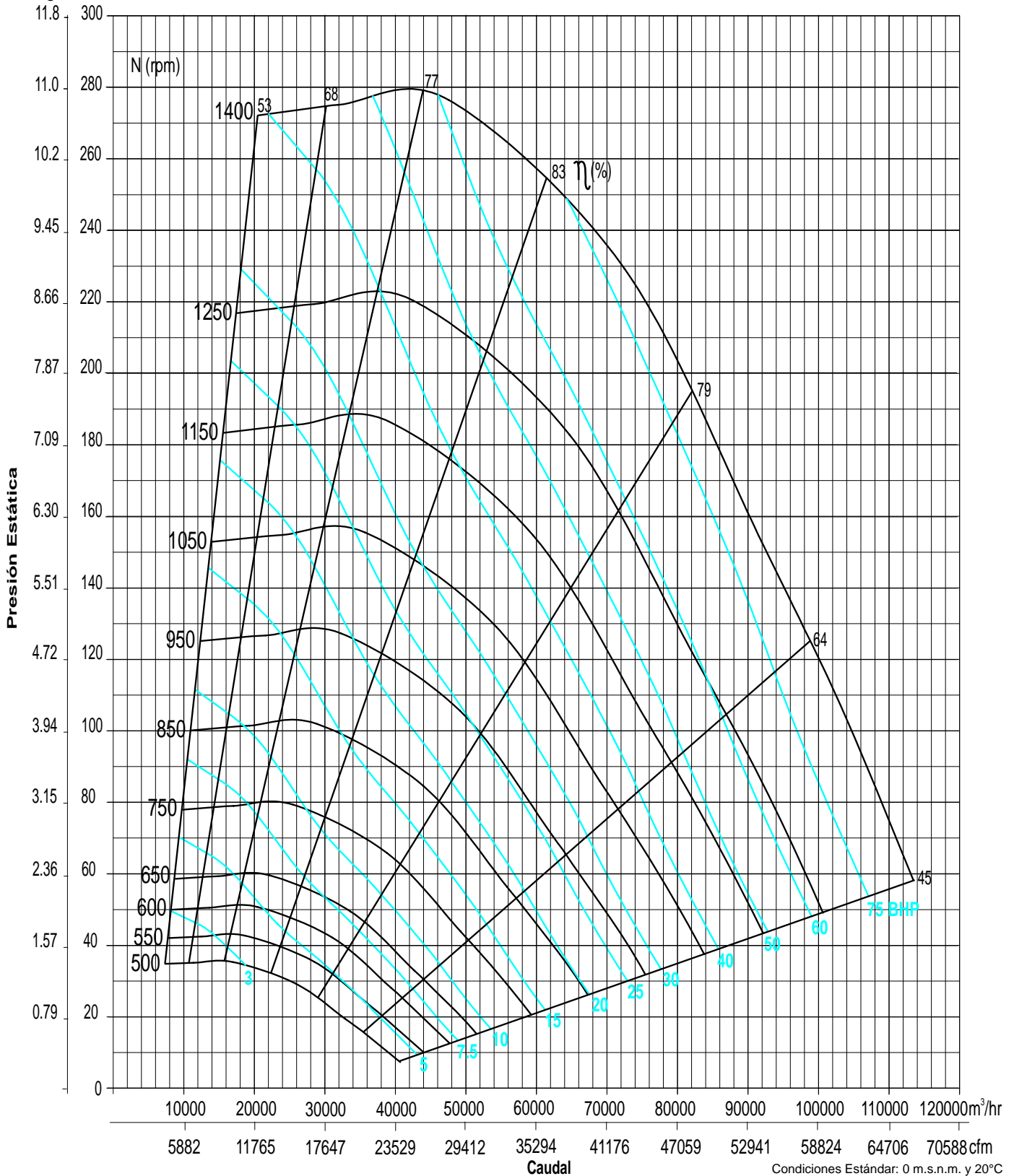
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP
15113	1100	1088	21.2	1109	22.2	1129	23.2	1169	25.4	1208	27.6	1246	29.8	1264	31.0	1283	32.2	1318	34.6	1353	37.1	1387	40.1	1421	42.5
25677		94	94	95	95	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	
17861	1300	1085	23.9	1106	24.9	1126	25.9	1167	27.9	1206	30.1	1243	32.3	1262	33.4	1280	34.6	1315	37.0	1350	39.5	1384	42.0	1419	44.5
30346		94	94	95	95	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	
20609	1500	1082	27.8	1103	28.8	1123	29.8	1162	31.9	1202	33.9	1240	36.1	1259	37.2	1277	38.3	1313	40.6	1347	42.9	1381	45.4	1398	46.7
35015		94	94	95	95	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	
23357	1700	1086	31.5	1105	32.8	1124	34.1	1163	36.5	1201	38.9	1237	41.2	1255	42.4	1274	43.5	1309	45.8	1344	48.2	1378	50.5	1394	51.8
39684		94	94	95	95	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	
24731	1800	1091	33.0	1109	34.4	1128	35.8	1165	38.6	1202	41.2	1238	43.8	1256	45.1	1273	46.3	1308	48.8	1343	51.2	1376	53.7	1393	54.9
42018		94	94	95	95	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	
26105	1900	1098	34.5	1116	35.9	1134	37.4	1170	40.4	1205	43.3	1240	46.2	1257	47.6	1274	48.9	1309	51.7	1342	54.3	1375	56.9	1391	58.2
44352		94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	
27479	2000	1106	35.9	1124	37.4	1141	38.9	1176	42.1	1210	45.2	1244	48.3	1261	49.8	1277	51.3	1311	54.4	1343	57.3	1376	60.1	1392	61.5
46687		94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	1		



# CMD 900

## CURVA CARACTERÍSTICA

in wg mmca



# CMD 1000



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1000 mm (39 3/8 inch)  
 Diámetro del eje: hasta 1000 rpm 69.9 mm (2 3/4 inch)  
 de 1001 a 1300 rpm 76.2 mm (3 inch)

Área de salida: 1.602 m<sup>2</sup> (17.25 ft<sup>2</sup>)  
 BHP máximos: 102.6

Almacén máx. de motor: hasta 1000 rpm 326T, de 1001 a 1300 rpm 405T  
 RPM máximas: 1300  
 Peso del equipo: 749 Kg (1651 Lbs)

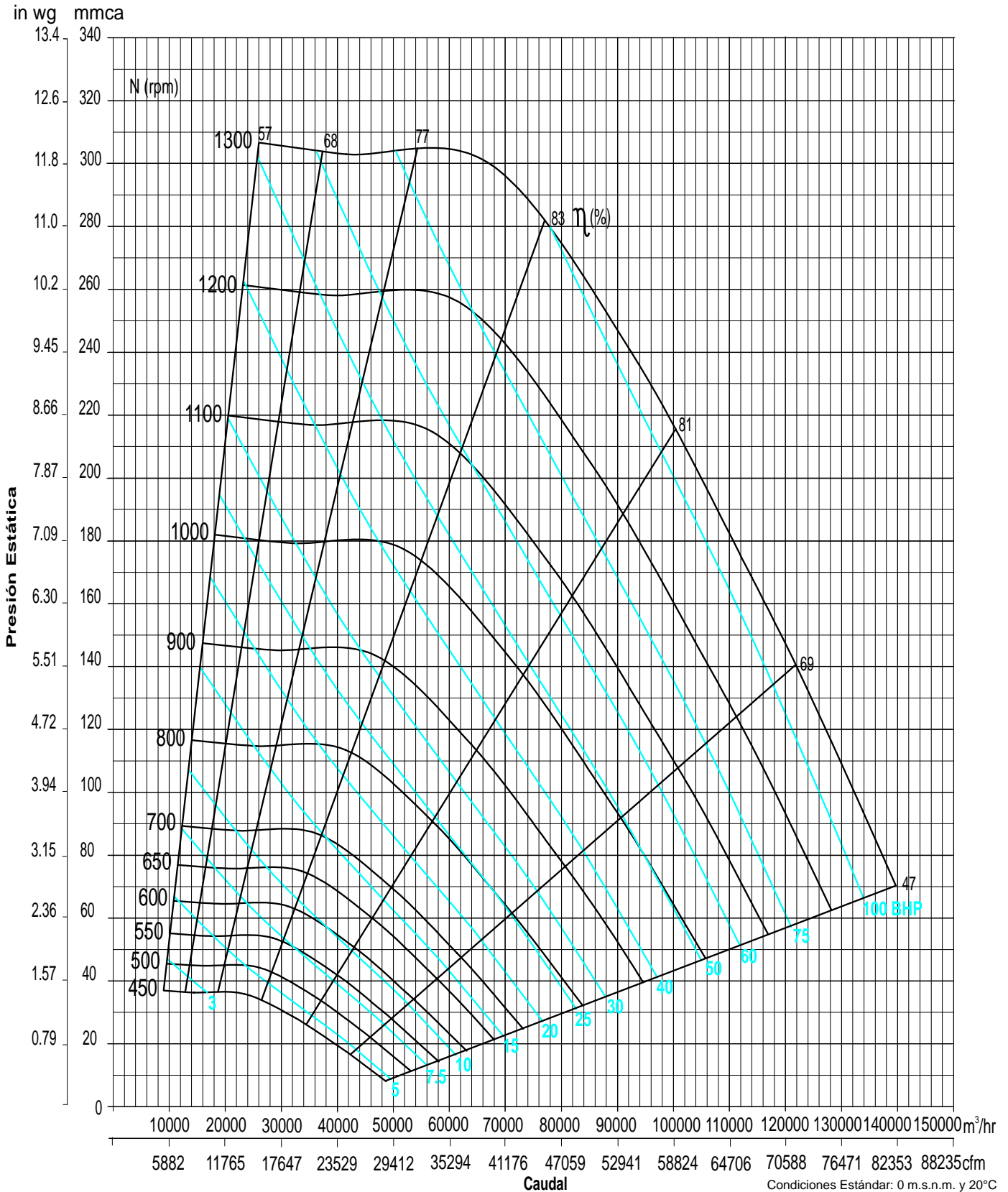
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
13797	800	LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA	
23441		310	1.45	393	2.74	463	4.17	532	5.7	599	7.30	657	8.93	709	10.6	756	12.4	801	14.2	843	16.1	883	18.1	921	20.1
17246	1000	65		70		74		78		81		84		86		88		89		91		92		93	
29301		344	2.01	419	3.50	484	5.14	540	6.9	595	8.72	652	10.6	704	12.6	758	14.6	805	16.7	848	18.7	887	20.9	927	23.1
20695	1200	70		73		76		79		81		83		86		88		89		91		92		93	
35161		381	2.72	450	4.45	510	6.28	564	8.2	613	10.2	659	12.4	705	14.6	752	16.9	799	19.2	844	21.6	888	24.0	928	26.4
24145	1400	74		76		79		81		82		84		86		87		89		91		92		93	
41022		420	3.69	484	5.59	540	7.66	591	9.8	638	12.0	682	14.3	723	16.8	763	19.2	802	21.8	841	24.5	882	27.2	922	29.9
27594	1600	79		80		81		83		84		86		87		88		89		91		92		93	
46882		461	4.95	520	6.95	573	9.25	621	11.6	666	14.1	708	16.6	748	19.2	785	21.9	822	24.6	856	27.4	891	30.3	925	33.3
31043	1800	82		83		84		85		86		87		89		90		91		91		92		93	
52742		503	6.52	558	8.61	608	11.1	653	13.7	696	16.4	736	19.1	775	21.9	811	24.8	846	27.7	880	30.7	912	33.8	943	37.0
34492	2000	85		86		86		87		88		89		90		91		92		93		94		94	
58602		546	8.42	598	10.6	644	13.2	688	16.1	728	18.9	767	21.9	804	24.9	839	28.0	873	31.2	905	34.4	937	37.7	967	41.0
36217	2100	91		88		89		89		90		91		92		93		94		94		95		96	
61533		568	9.49	618	11.8	663	14.4	706	17.4	745	20.4	783	23.5	819	26.6	853	29.8	887	33.0	919	36.4	950	39.7	980	43.2
37941	2200	94		90		90		90		91		92		93		94		94		95		96		96	
64462		590	10.6	638	13.1	683	15.7	724	18.7	763	21.9	799	25.1	835	28.3	868	31.6	901	35.0	933	38.4	963	41.9	993	45.4
39666	2300	99		91		91		91		92		93		94		95		95		96		97		97	
67393		659	14.5	702	17.2	742	20.2	780	23.5	816	26.8	851	30.2	884	33.6	916	37.1	947	40.6	977	44.1	1006	47.8		
41391	2400	92		92		92		93		94		95		95		96		96		97		97		98	
70323		680	16.1	722	18.7	761	21.8	798	25.1	834	28.6	868	32.1	900	35.6	931	39.2	962	42.8	991	46.5	1020	50.2		
43115	2500	93		93		93		94		95		96		96		97		97		98		98		99	
73252		701	17.7	742	20.4	780	23.5	817	26.9	851	30.5	885	34.1	916	37.8	947	41.5	977	45.2	1006	48.9	1034	52.8		
46565	2700	94		94		95		95		96		96		97		97		98		98		99		99	
79114		744	21.2	783	24.2	820	27.3	854	30.8	888	34.5	920	38.4	950	42.3	980	46.3	1009	50.2	1037	54.3	1064	58.3		
50014	2900	96		96		96		97		97		98		98		99		99		100		100		101	
84974		825	28.5	860	31.8	893	35.3	925	39.1	956	43.1	985	47.3	1014	51.5	1042	55.7	1069	59.9	1096	64.2				
53463	3100	98		98		98		99		99		99		100		100		101		101		102		102	
90834		867	33.4	900	36.8	932	40.4	963	44.2	993	48.3	1022	52.7	1050	57.1	1077	61.6	1103	66.1	1129	70.7				
56912	3300	100		100		100		100		101		101		101		102		102		103		103		103	
96693		910	38.8	942	42.5	973	46.2	1002	50.1	1031	54.2	1059	58.6	1086	63.2	1112	67.9	1138	72.7	1163	77.5				
60361	3500	101		101		102		102		102		103		103		103		104		104		104		104	
102553		984	48.8	1014	52.6	1042	56.6	1070	60.8	1097	65.3	1123	69.9	1149	74.8	1173	79.8	1198	84.9						
62086	3600	103		103		104		104		104		104		104		104		105		105		105		105	
105484		1006	52.2	1034	56.1	1062	60.1	1090	64.3	1116	68.8	1142	73.6	1167	78.5	1192	83.6	1216	88.7						

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		279.4mm/11.0"		292.1mm/11.5"		298.5mm/11.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
18971	1100	LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA		LWA	
32232		966	27.1	1002	29.4	1036	31.9	1069	34.4	1101	36.9	1131	39.5	1161	42.1	1191	44.8	1219	47.6	1247	50.4	1275	53.2	1288	54.6
22420	1300	95		96		96		97		98		99		100		100		101		102		102		103	
38092		965	30.8	1003	33.4	1039	36.1	1073	38.8	1105	41.5	1137	44.2	1167	47.0	1197	49.9	1226	52.8	1253	55.7	1281	58.7	1294	60.2
25869	1500	94		96		97		97		98		99		100		101		101		102		102		103	
43951		959	34.5	996	37.4	1033	40.4	1068	43.4	1103	46.4	1136	49.4	1168	52.4	1199	55.5	1229	58.6	1258	61.7	1286	64.9	1298	66.5
29318	1700	94		95		96		97		98		99		100		101		101		102		103		103	
49811		965	38.2	997	41.4	1030	44.6	1063	47.9	1095	51.2	1129	54.6	1162	57.9	1194	61.3	1225	64.7	1255	68.1	1284	71.5	1299	73.2
31043	1800	95		95		96		97		98		99		100		100		101		102		102		103	
52742		974	40.2	1004	43.5	1035	46.8	1066	50.2	1096	53.6	1128	57.1	1158	60.6	1190	64.1	1221	67.7	1251	71.2	1280	74.8	1295	76.6
32768	1900	95		96		97		98		98		99		100		100		101		102		102		103	
55673		985	42.3	1014	45.6	1043	49.1	1072	52.5	1101	56.1	1130	59.6	1159	63.3	1189	66.9	1218	70.6	1246	74.3	1277	78.1	1292	79.9
34492	2000	96		96		97		98		98		99		100		100		101		102		102		103	
58602		996	44.4	1025	47.9	1053	51.4	1081	54.9	1108	58.6	1136	62.3	1163	66.0	1191	69.8	1219	73.6	1247	77.4	1275	81.3	1288	83.3
36217	2100	96		97		98		98		99		99		100		100		101		102		102		103	
61533		1009	46.7	1037	50.2	1065	53.8	1092	57.5	1118	61.2	1144	65.0	1170	68.8	1197	72.7	1223	76.6	1249	80.6	1276	84.6	1289	86.6
37941	2200	97		98		98		99		99		100		100		101		101		102		102		103	
64462		1021	49.0	1049	52.7	1077	56.4	1103	60.2	1129	63.9	1155	67.8	1180	71.7	1205	75.7	1230	79.8	1255	83.8	1280	87.9	1292	89.9
39666	2300	98		98		99		99		100		100		101		101		101		102		102		103	
67393		1035	51.5	1062	55.2	1089	59.1	1115	62.9	1141	66.8	1166	70.8	1191	74.8	1215	78.8	1239	82.9	1263	87.1	1287	91.3	1299	93.4
41391	2400	98		99		99		100		100		101		101		101		102		102		103		103	
70323		1048	54.0	1075	57.9	1102																			



# CMD 1000

## CURVA CARACTERÍSTICA



# CMD 1120



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1120 mm (44 1/16 inch)  
 Diámetro del eje: hasta 850 rpm 76.2 mm (3 inch)  
 de 851 a 1100 rpm 82.6 mm (3 1/4 inch)

Área de salida: 2.022 m<sup>2</sup> (21.76 ft<sup>2</sup>)  
 BHP máximos: 124.1

Almacén máx. de motor: hasta 850 rpm 364T, de 851 a 1100 rpm 444/5T  
 RPM máximas: 1100  
 Peso del equipo: 986 Kg (2174 Lbs)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
17406	800	LwA	3.43	LwA	5.34	LwA	7.09	LwA	8.82	LwA	10.7	LwA	12.9	LwA	14.0	LwA	15.2	LwA	17.7	LwA	20.4	LwA	23.2	LwA	26.1
29573		69	74	78	81	84	86	87	88	90	91	92	94	94	90	91	92	92	92	92	92	92	94	94	94
21758	1000	371	4.37	430	6.41	485	8.77	538	11.1	589	13.3	636	15.4	658	16.5	681	17.6	724	20.0	763	22.6	801	25.3	837	28.2
36967		72	75	78	81	84	86	87	88	90	91	92	94	94	90	91	92	92	92	92	92	92	94	94	94
26109	1200	399	5.55	452	7.83	501	10.2	548	12.9	593	15.8	637	18.7	659	20.1	680	21.4	721	23.9	760	26.5	799	29.1	832	31.8
44359		75	77	80	82	84	86	87	88	89	90	91	92	94	94	90	91	92	92	92	92	92	94	94	94
30461	1400	428	6.99	478	9.55	524	12.2	566	14.9	607	17.9	647	21.2	666	22.9	686	24.6	724	27.9	761	31.2	797	34.3	833	37.3
51753		78	80	82	83	85	87	88	89	90	91	92	94	94	90	91	92	92	92	92	92	92	94	94	94
34812	1600	459	8.85	508	11.5	550	14.5	590	17.5	627	20.6	664	23.9	682	25.6	700	27.4	734	31.1	768	35.0	802	38.9	835	42.7
59146		82	83	84	86	87	88	89	90	91	92	92	92	94	94	90	91	92	92	92	92	92	94	94	94
39164	1800	490	11.1	538	13.9	579	17.1	617	20.4	652	23.8	686	27.3	703	29.1	719	30.8	751	34.6	783	38.5	814	42.7	845	46.9
66540		85	85	87	88	89	90	90	91	91	92	92	94	94	90	91	92	92	92	92	92	92	94	94	94
43516	2000	524	13.8	568	16.9	609	20.1	621	21.3	680	27.3	712	31.2	727	33.1	743	34.9	773	38.8	803	42.8	832	46.9	860	51.3
73934		88	88	89	91	92	93	94	95	95	96	97	99	99	95	96	97	97	98	99	99	99	101	101	101
45691	2100	542	15.3	584	18.6	624	21.8	660	25.4	694	29.2	725	33.2	741	35.2	756	37.2	785	41.2	814	45.3	842	49.5	870	53.8
77629		89	90	90	91	91	92	92	93	93	94	94	96	96	97	97	98	98	99	99	99	99	101	101	101
47867	2200	560	16.9	600	20.3	639	23.7	675	27.4	709	31.2	740	35.3	755	37.4	769	39.5	798	43.7	826	47.9	853	52.2	880	56.5
81326		90	91	91	92	92	93	93	94	94	96	96	97	97	98	98	99	99	100	100	100	100	102	102	102
50043	2300	578	18.6	616	22.3	654	25.8	690	29.5	723	33.4	754	37.6	769	39.7	783	41.9	811	46.3	839	50.6	865	55.0	892	59.5
85023		91	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	102	102	102
52219	2400	596	20.4	633	24.3	670	28.0	705	31.7	738	35.7	769	39.9	783	42.1	798	44.4	825	48.9	852	53.5	878	58.0	904	62.6
88720		93	93	94	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	102	102	102
54394	2500	615	22.4	651	26.4	686	30.3	721	34.2	753	38.2	784	42.5	798	44.7	812	47.0	839	51.7	866	56.4	891	61.1	916	65.9
92415		94	94	95	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	100	100	102	102	102
58746	2700			687	31.2	719	35.4	752	39.6	784	43.8	814	48.2	828	50.4	842	52.8	869	57.6	894	62.6	919	67.6	943	72.8
99809				96	97	97	97	97	97	97	98	98	99	99	100	100	100	100	100	100	100	100	102	102	102
63098	2900			723	36.5	754	41.1	784	45.7	814	50.1	844	54.6	858	56.9	872	59.3	898	64.2	924	69.4	948	74.6	971	80.1
107204				98	98	99	99	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	102	102	102
67449	3100					790	47.4	818	52.3	846	57.2	875	61.9	889	64.3	902	66.7	928	71.7	953	76.9	977	82.4	1000	87.9
114596							100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	102	102	102
71801	3300					826	54.4	853	59.6	880	64.9	906	69.9	920	72.5	933	75.1	959	80.2	984	85.5	1007	90.9	1030	96.6
121990							101	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
76152	3500					863	62.0	889	67.7	914	73.2	939	78.7	952	81.5	965	84.1	989	89.5	1014	94.9	1037	100.55	1060	106.3
129382							103	103	103	103	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
78328	3600					882	66.1	907	71.9	932	77.7	956	83.4	968	86.2	981	89.0	1005	94.5	1029	100.1	1053	105.75	1075	111.5
133079							103	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104

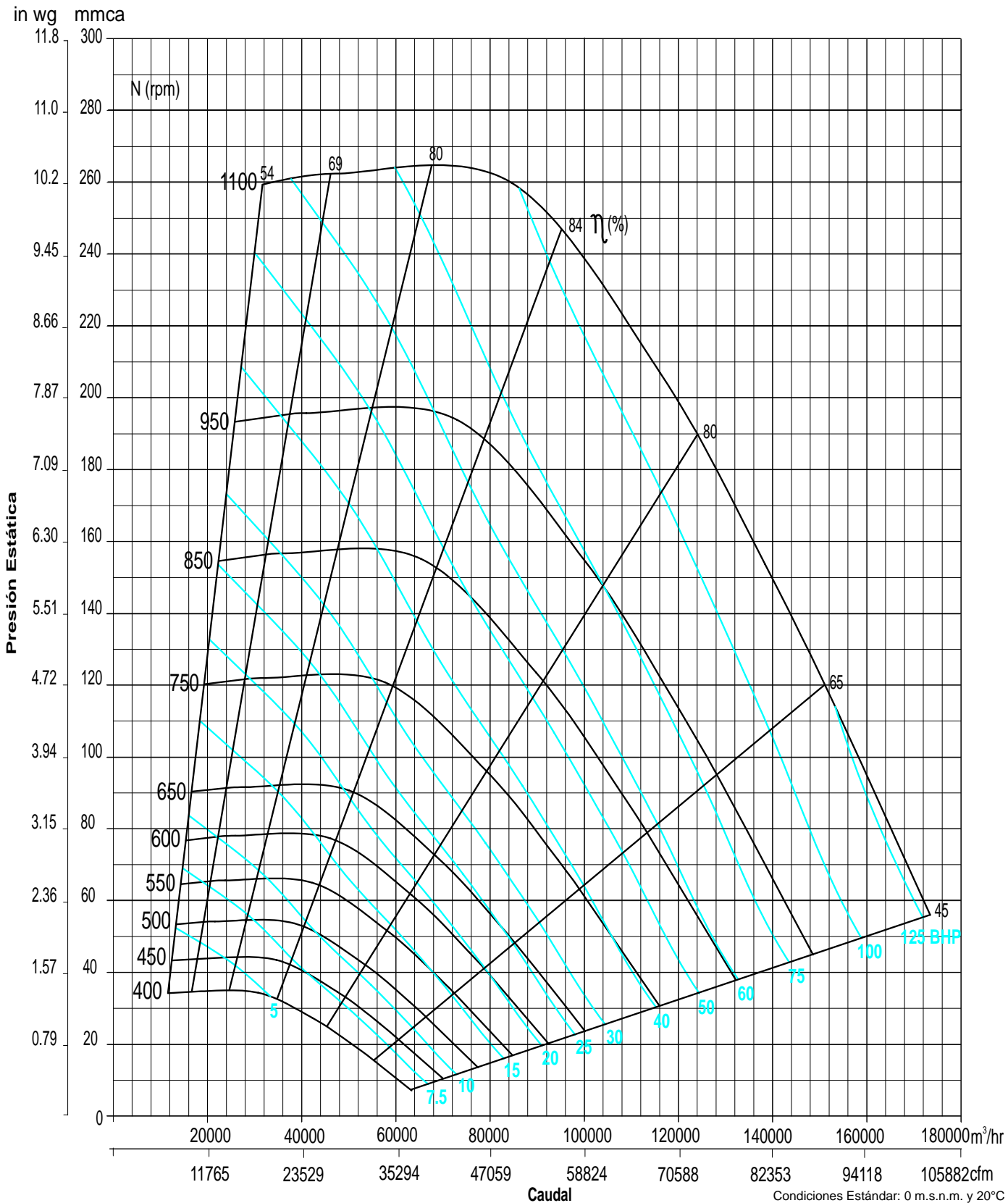
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
23934	1100	871	32.88	888	34.3	904	35.9	936	39.1	952	40.8	967	42.5	998	46.0	1012	47.8	1027	49.6	1055	53.3	1069	55.2	1083	57.1
40664		95	95	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
28285	1300	868	37.3	885	38.7	902	40.2	934	43.3	950	44.9	965	46.6	995	50.0	1010	51.7	1025	53.5	1053	57.2	1067	59.1	1081	60.9
48056		94	95	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
32637	1500	867	43.4	883	45.0	899	46.6	930	49.8	946	51.4	963	52.9	993	56.2	1008	57.9	1022	59.6	1051	63.1	1065	64.8	1079	66.7
55450		94	95	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
36988	1700	870	49.0	886	51.0	901	53.0	931	56.9	947	58.8	961	60.6	991	64.3	1005	66.1	1019	67.9	1046	71.5	1062	73.3	1076	75.1
62843		95	95	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
39164	1800	875	51.3	890	53.5	904	55.7	934	60.0	948	62.1	963	64.2	992	68.2	1006	70.2	1020	72.2	1047	76.1	1061	78.0	1074	79.9
66540		95	95	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
41340	1900	881	53.5	895	55.8	910	58.1	938	62.7	952	65.1	966	67.3	994	71.8	1007	74.1	1021	76.0	1048	80.5	1062	82.6	1075	84.7
70237		95	95	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
43516	2000	888	55.8	902	58.2	916	60.5	944	65.3	957	67.7	971	70.2	997	75.0	1011	77.4	1024	79.8	1050	84.6	1063	86.9	1076	89.2
73934		95	96	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
45691	2100	897	58.3	911	60.7	924	63.1	951	67.9	964	70.4	977	72.9	1003	77.9	1016	80.5	1028	83.1	1054	88.1	1066	90.7	1079	93.2
77629		96	96	96	96	97	97	97	97	98	98	98	99	99	99	99	99	99	99	100	100	101	101	101	101
47867	2200	907	61.1	920	63.4	933	65.8	959	70.7</																





# CMD 1120

## CURVA CARACTERÍSTICA

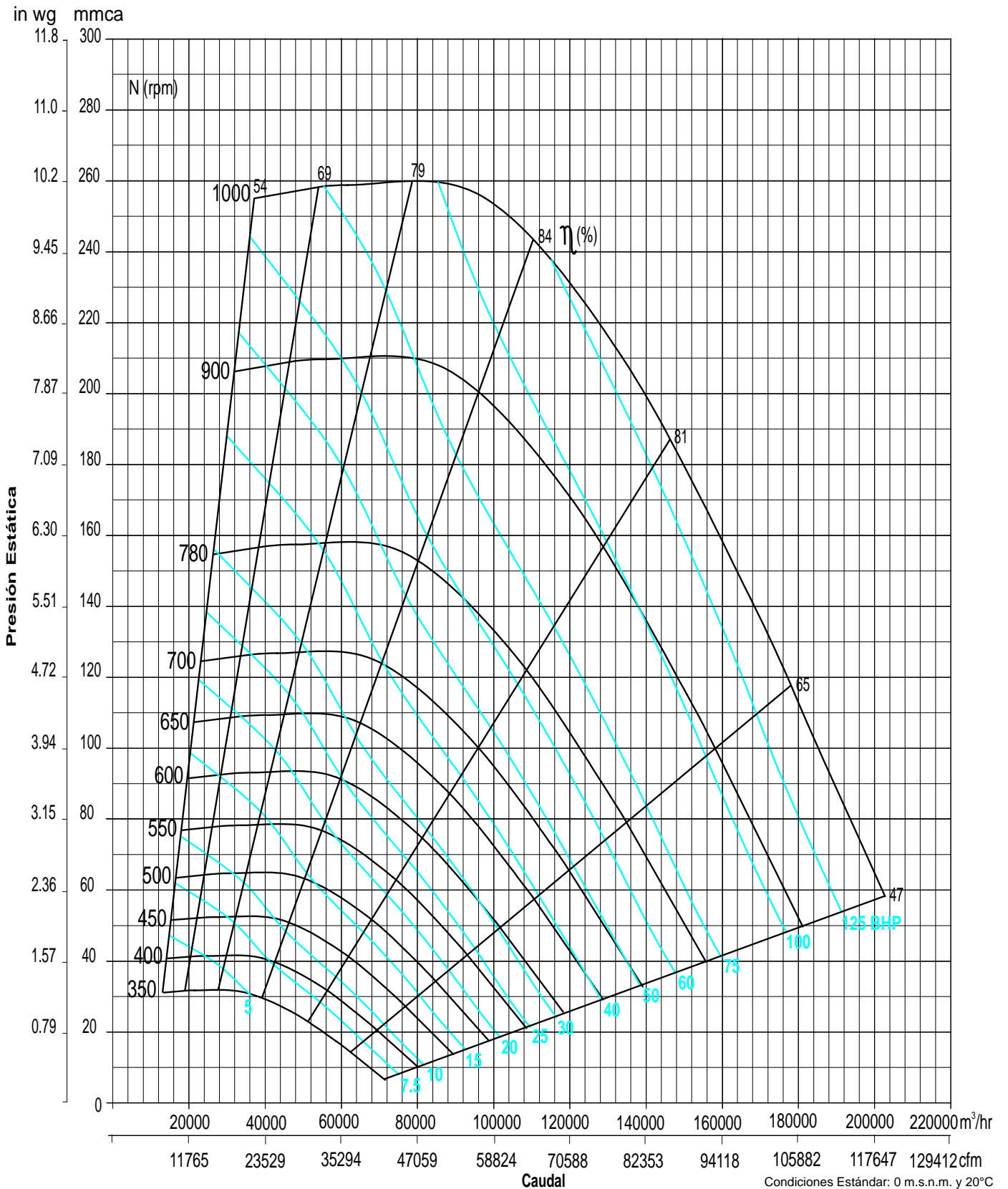






# CMD 1250

## CURVA CARACTERÍSTICA

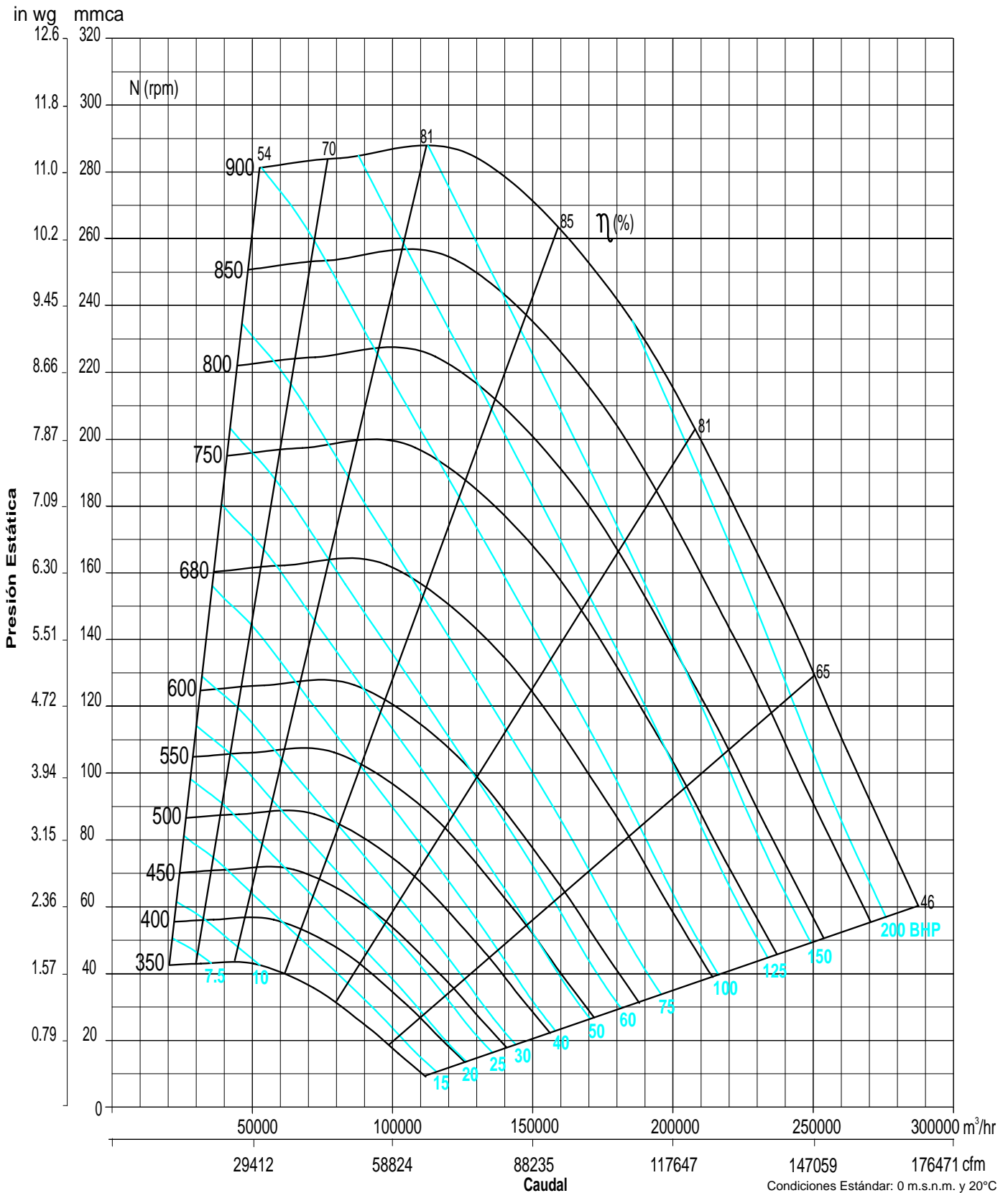






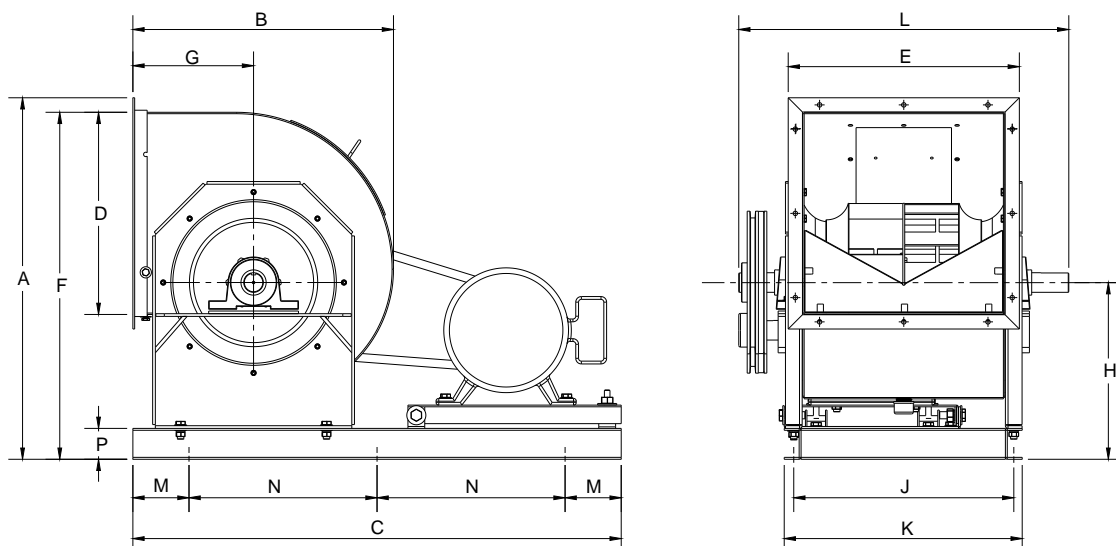
# CMD 1400

## CURVA CARACTERÍSTICA



## DIMENSIONES

Modelos del 280 al 710 TH



Dimensiones en mm.

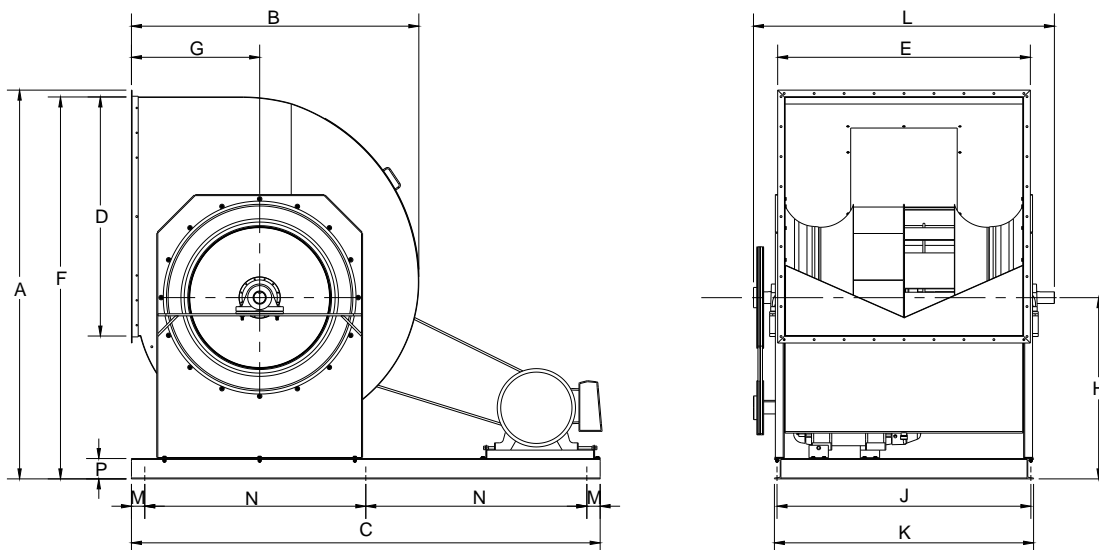
MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N	P
CMD 280	644	464	870	361	412	618	215	315	392	424	588	100	335	55
CMD 315	711	516	1000	405	456	685	236	345	434	464	632	100	400	55
CMD 355	794	577	1100	453	504	768	261	385	492	532	718	100	450	55
CMD 400	877	646	1170	507	558	851	290	420	546	586	772	100	485	55
CMD 450	1001	723	1250	570	621	975	322	487	611	638	878	100	525	76
CMD 500	1107	796	1420	639	715	1068	352	529	676	708	924	100	610	76
CMD 560	1231	888	1465	715	791	1192	390	587	764	788	1080	100	632.5	76
CMD 630	1371	992	1870	801	877	1332	434	652	850	874	1166	100	835	76
CMD 710	1555	1122	2010	903	979	1517	485	748	948	978	1280	100	905	102

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N	P
CMD 280	25 3/8	18 1/4	34 1/4	14 3/16	16 1/4	24 5/16	8 7/16	12 3/8	15 7/16	16 11/16	23 1/8	3 15/16	13 3/16	2 3/16
CMD 315	28	20 5/16	39 3/8	15 15/16	17 15/16	26 15/16	9 5/16	13 9/16	17 1/16	18 1/4	24 7/8	3 15/16	15 3/4	2 3/16
CMD 355	31 1/4	22 11/16	43 5/16	17 13/16	19 13/16	30 1/4	10 1/4	15 3/16	19 3/8	20 15/16	28 1/4	3 15/16	17 11/16	2 3/16
CMD 400	34 1/2	25 7/16	46 1/16	19 15/16	21 15/16	33 1/2	11 7/16	16 9/16	21 1/2	23 1/16	30 3/8	3 15/16	19 1/8	2 3/16
CMD 450	39 7/16	28 7/16	49 3/16	22 7/16	24 7/16	38 3/8	12 11/16	19 3/16	24 1/16	25 1/8	34 9/16	3 15/16	20 11/16	3
CMD 500	43 9/16	31 5/16	55 7/8	25 3/16	28 1/8	42 1/16	13 7/8	20 13/16	26 5/8	27 7/8	36 3/8	3 15/16	24	3
CMD 560	48 7/16	34 15/16	57 11/16	28 1/8	31 1/8	46 15/16	15 3/8	23 1/8	30 1/16	31	42 1/2	3 15/16	24 7/8	3
CMD 630	54	39 1/16	73 5/8	31 9/16	34 1/2	52 7/16	17 1/16	25 11/16	33 7/16	34 7/16	45 7/8	3 15/16	32 7/8	3
CMD 710	61 1/4	44 3/16	79 1/8	35 9/16	38 9/16	59 3/4	19 1/8	29 7/16	37 5/16	38 1/2	50 3/8	3 15/16	35 5/8	4

## DIMENSIONES

Modelos del 800 al 1400 TH



Dimensiones en mm.

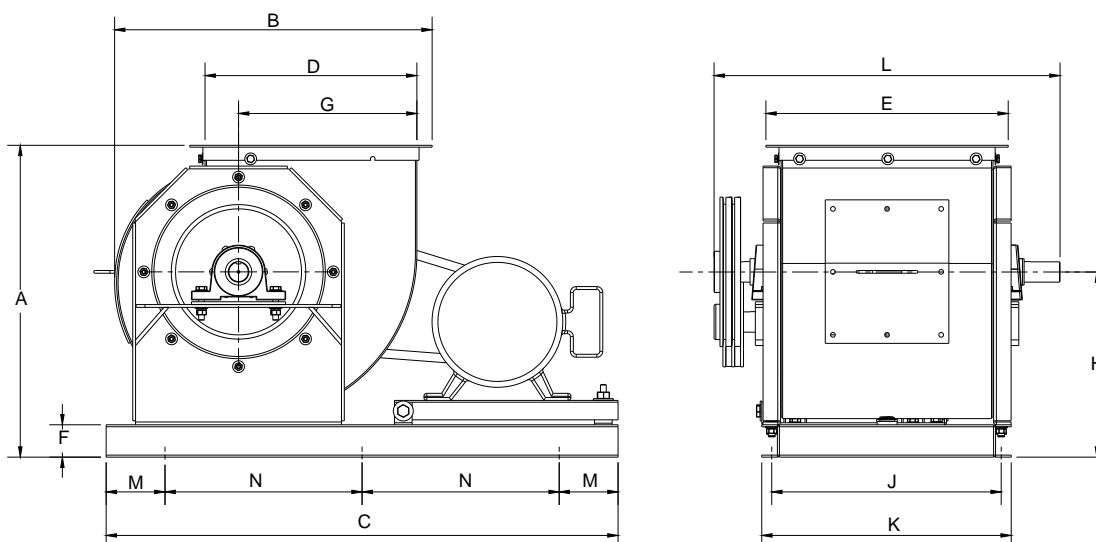
MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N	P
CMD 800	1743	1268	2170	1007	1109	1692	560	829	1056	1086	1388	100	985	102
CMD 900	1931	1426	2360	1131	1233	1880	628	909	1180	1210	1566	100	1080	102
CMD 1000	2103	1542	2678	1267	1369	2051	678	984	1316	1346	1724	100	1239	102
CMD 1120	2341	1733	2900	1423	1525	2290	762	1086	1482	1522	1800	100	1350	102
CMD 1250	2686	1937	3290	1525	1627	2635	835	1270	1636	1676	1975	100	1545	152
CMD 1400	2917	2158	3520	1796	1898	2866	963	1360	1906	1946	2260	100	1660	152

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N	P
CMD 800	68 5/8	49 15/16	85 7/16	39 5/8	43 11/16	66 5/8	22 1/16	32 5/8	41 9/16	42 3/4	54 5/8	3 15/16	38 3/4	4
CMD 900	76	56 1/8	92 15/16	44 1/2	48 9/16	74	24 3/4	35 13/16	46 7/16	47 5/8	22 5/16	3 15/16	42 1/2	4
CMD 1000	82 13/16	60 11/16	105 7/16	49 7/8	53 7/8	80 3/4	26 11/16	38 3/4	51 13/16	53	67 7/8	3 15/16	48 3/4	4
CMD 1120	92 3/16	68 1/4	114 3/16	56	60 1/16	90 3/16	30	42 3/4	58 3/8	59 15/16	70 7/8	3 15/16	53 1/8	4
CMD 1250	105 3/4	76 1/4	129 1/2	60 1/16	64 1/16	103 3/4	32 7/8	50	64 7/16	66	77 3/4	3 15/16	60 13/16	6
CMD 1400	114 13/16	84 15/16	138 9/16	70 11/16	74 3/4	112 13/16	37 15/16	53 9/16	75 1/16	76 5/8	89	3 15/16	65 3/8	6

## DIMENSIONES

Modelos del 280 al 710 UB



Dimensiones en mm.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
CMD 280	530	536	870	361	412	55	303	315	392	424	588	100	335
CMD 315	581	599	1000	405	456	55	340	345	434	464	632	100	400
CMD 355	646	672	1100	453	504	55	384	385	492	532	718	100	450
CMD 400	710	752	1170	507	558	55	431	420	546	586	772	100	485
CMD 450	810	847	1250	570	621	76	488	487	608	638	878	100	525
CMD 500	882	946	1420	639	715	76	539	529	676	708	924	100	610
CMD 560	978	1058	1465	715	791	76	604	587	764	788	1080	100	632.5
CMD 630	1087	1181	1870	801	877	76	679	652	850	874	1166	100	835
CMD 710	1233	1338	2010	903	979	102	768	748	948	978	1280	100	905

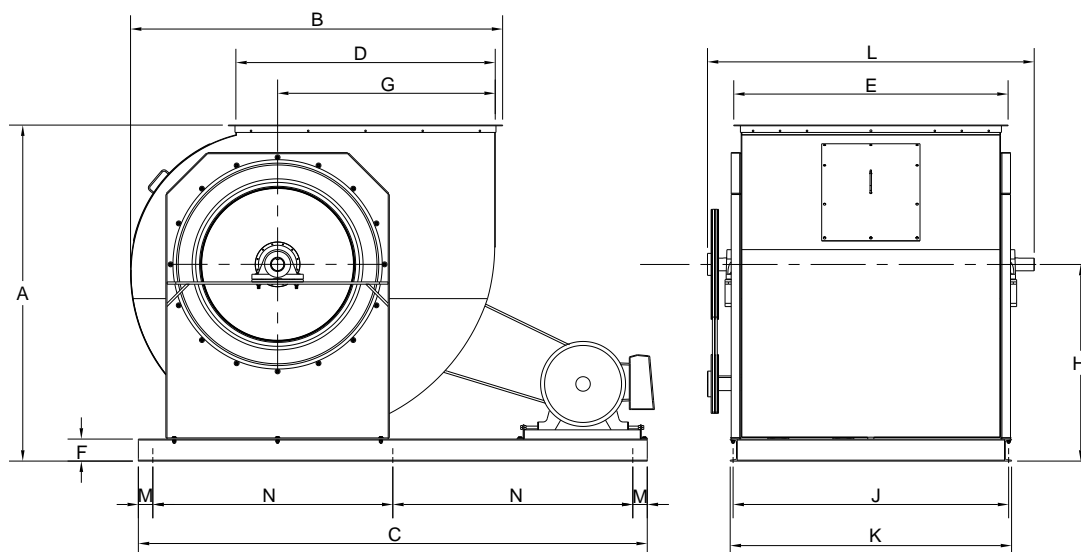
Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
CMD 280	20 7/8	21 1/8	34 1/4	14 3/16	16 1/4	2 3/16	11 15/16	12 3/8	15 7/16	16 11/16	23 1/8	3 15/16	13 3/16
CMD 315	22 7/8	23 9/16	39 3/8	15 15/16	17 15/16	2 3/16	13 3/8	13 9/16	17 1/16	18 1/4	24 7/8	3 15/16	15 3/4
CMD 355	25 7/16	26 7/16	43 5/16	17 13/16	19 13/16	2 3/16	15 1/8	15 3/16	19 3/8	20 15/16	28 1/4	3 15/16	17 11/16
CMD 400	27 15/16	29 5/8	46 1/16	19 15/16	21 15/16	2 3/16	16 15/16	16 9/16	21 1/2	23 1/16	30 3/8	3 15/16	19 1/8
CMD 450	31 7/8	33 3/8	49 3/16	22 7/16	24 7/16	3	19 3/16	19 3/16	23 15/16	25 1/8	34 9/16	3 15/16	20 11/16
CMD 500	34 3/4	37 1/4	55 7/8	25 3/16	28 1/8	3	21 1/4	20 13/16	26 5/8	27 7/8	36 3/8	3 15/16	24
CMD 560	38 1/2	41 5/8	57 11/16	28 1/8	31 1/8	3	23 3/4	23 1/8	30 1/16	31	42 1/2	3 15/16	24 7/8
CMD 630	42 13/16	46 1/2	73 5/8	31 9/16	34 1/2	3	26 3/4	25 11/16	33 7/16	34 7/16	45 7/8	3 15/16	32 7/8
CMD 710	48 9/16	52 11/16	79 1/8	35 9/16	38 9/16	4	30 1/4	29 7/16	37 5/16	38 1/2	50 3/8	3 15/16	35 5/8



## DIMENSIONES

Modelos del 800 al 1400 UB



Dimensiones en mm.

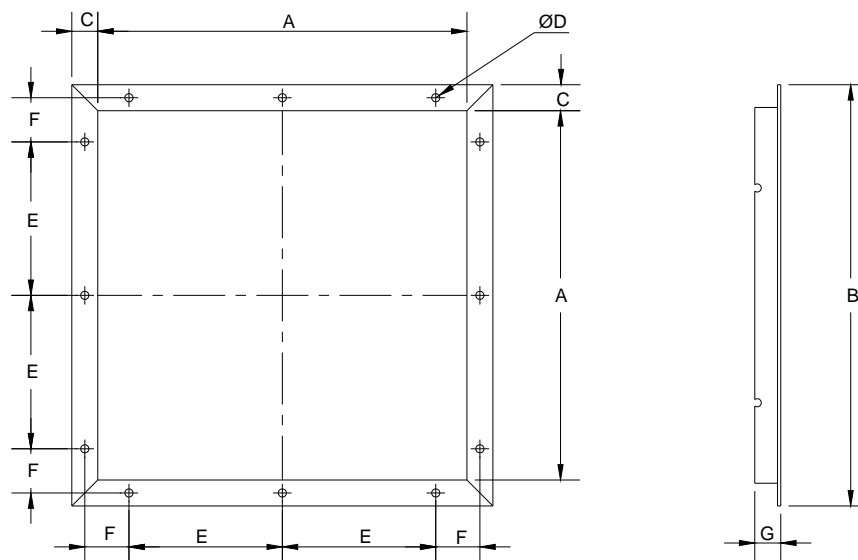
MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
CMD 800	1389	1502	2170	1007	1109	102	862	829	1056	1086	1388	100	985
CMD 900	1538	1684	2360	1131	1233	102	971	909	1180	1210	1566	100	1080
CMD 1000	1663	1845	2678	1267	1369	102	1067	984	1316	1346	1724	100	1239
CMD 1120	1849	2069	2900	1423	1525	102	1203	1086	1482	1522	1800	100	1350
CMD 1250	2105	2332	3290	1525	1627	152	1364	1270	1636	1676	1975	100	1545
CMD 1400	2323	2574	3520	1796	1898	152	1505	1360	1906	1946	2260	100	1660

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
CMD 800	54 11/16	59 1/8	85 7/16	39 5/8	43 11/16	4	33 15/16	32 5/8	41 9/16	42 3/4	54 5/8	3 15/16	38 3/4
CMD 900	60 9/16	66 5/16	92 15/16	44 1/2	48 9/16	4	38 1/4	35 13/16	46 7/16	47 5/8	61 5/8	3 15/16	42 1/2
CMD 1000	65 1/2	72 5/8	105 7/16	49 7/8	53 7/8	4	42	38 3/4	51 13/16	53	67 7/8	3 15/16	48 3/4
CMD 1120	72 13/16	81 7/16	114 3/16	56	60 1/16	4	47 3/8	42 3/4	58 3/8	59 15/16	70 7/8	3 15/16	53 1/8
CMD 1250	82 7/8	91 13/16	129 1/2	60 1/16	64 1/16	6	53 11/16	50	64 7/16	66	77 3/4	3 15/16	60 13/16
CMD 1400	91 7/16	101 5/16	138 9/16	70 11/16	74 3/4	6	59 1/4	53 9/16	75 1/16	76 5/8	89	3 15/16	65 3/8

# DIMENSIONES DE LA BRIDA DE DESCARGA

Modelos del 280 al 1400



Dimensiones en mm.

MODELO	A	B	C	ØD	E	F	G	*NB
CMD 280	361	412	25	7.9	150	43	25	12
CMD 315	405	456	25	7.9	150	65	25	12
CMD 355	453	504	25	7.9	175	64	25	12
CMD 400	507	558	25	7.9	200	66	25	12
CMD 450	570	621	25	7.9	225	73	25	12
CMD 500	639	715	38	11.1	250	89	38.1	12
CMD 560	715	791	38	11.1	275	102	38.1	12
CMD 630	801	877	38	11.1	175	70	38.1	20
CMD 710	903	979	38	11.1	200	70	38.1	20
CMD 800	1007	1109	51	14.29	225	79	50.8	20
CMD 900	1131	1233	51	14.29	250	91	50.8	20
CMD 1000	1267	1369	51	14.29	275	109	50.8	20
CMD 1120	1423	1525	51	14.29	225	62	50.8	28
CMD 1250	1525	1627	51	14.29	250	38	50.8	28
CMD 1400	1796	1898	51	14.29	225	23	50.8	32

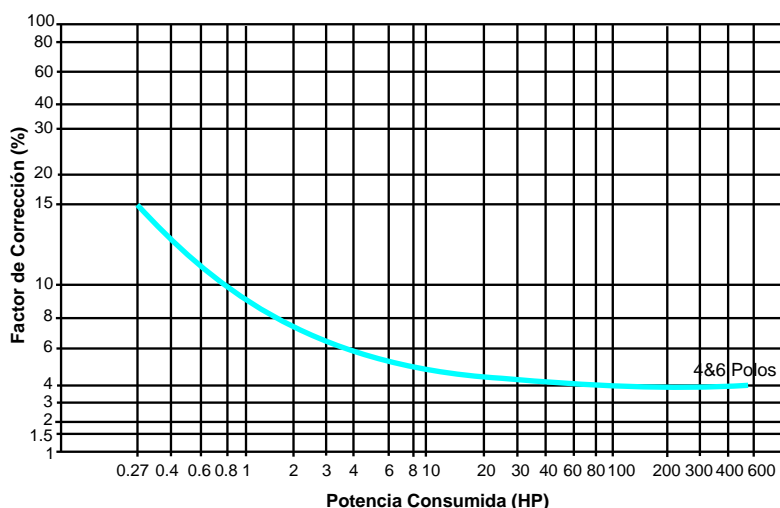
Dimensiones en pulg.

MODELO	A	B	C	ØD	E	F	G	*NB
CMD 280	14 3/16	16 1/14	1	5/16	5 7/8	1 11/16	1	12
CMD 315	15 15/16	17 15/16	1	5/16	5 7/8	2 9/16	1	12
CMD 355	17 13/16	19 13/16	1	5/16	6 7/8	2 1/2	1	12
CMD 400	19 15/16	21 15/16	1	5/16	7 7/8	2 5/8	1	12
CMD 450	22 7/16	24 7/16	1	5/16	8 7/8	2 7/8	1	12
CMD 500	25 3/16	28 1/8	1 1/2	7/16	9 13/16	3 1/2	1 1/2	12
CMD 560	28 1/8	31 1/8	1 1/2	7/16	10 13/16	4	1 1/2	12
CMD 630	31 9/16	34 1/2	1 1/2	7/16	6 7/8	2 3/4	1 1/2	20
CMD 710	35 9/16	38 9/16	1 1/2	7/16	7 7/8	2 3/4	1 1/2	20
CMD 800	39 5/8	43 11/16	2	9/16	8 7/8	3 1/8	2	20
CMD 900	44 1/2	48 9/16	2	9/16	9 13/16	3 9/16	2	20
CMD 1000	49 7/8	53 7/8	2	9/16	10 13/16	4 5/16	2	20
CMD 1120	56	60 1/16	2	9/16	8 7/8	2 7/16	2	28
CMD 1250	60 1/16	64 1/16	2	9/16	9 13/16	1 1/2	2	28
CMD 1400	70 11/16	74 3/4	2	9/16	8 7/8	7/8	2	32

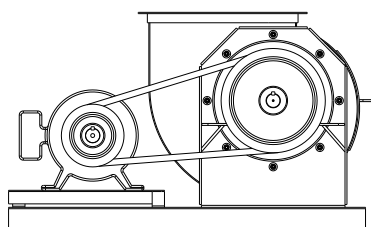
## SELECCIÓN DE MOTOR

La curva de potencia mostrada en cada una de las gráficas representa la potencia absorbida en el eje medida en BHP.

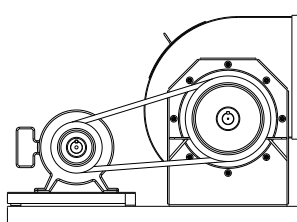
Para determinar la potencia instalada del motor, se deberá aplicar el factor de corrección para compensar las pérdidas por transmisión.



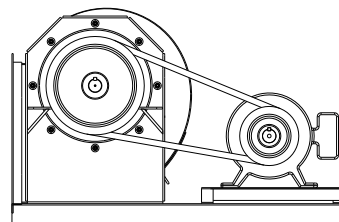
## OPCIONES DE ROTACIÓN Y DESCARGA



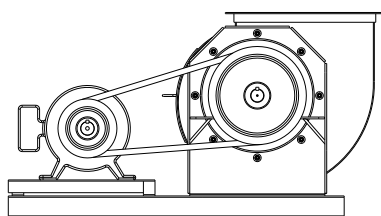
CW 0°  
[UB]



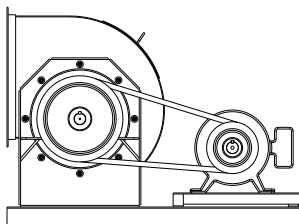
CW 90°  
[TH]



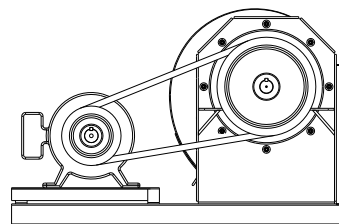
CW 270°  
[BH]



CCW 0°  
[UB]

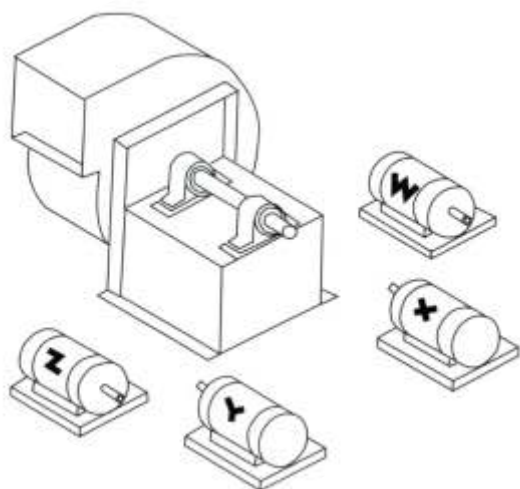


CCW 90°  
[TH]



CCW 270°  
[BH]

Consultar en fábrica para opciones de rotación y descarga distintas a las indicadas.  
La descarga y la rotación del ventilador son conformes a la norma AMCA 99-2406-83.  
La dirección del giro viene determinada por el lado de la transmisión del ventilador.

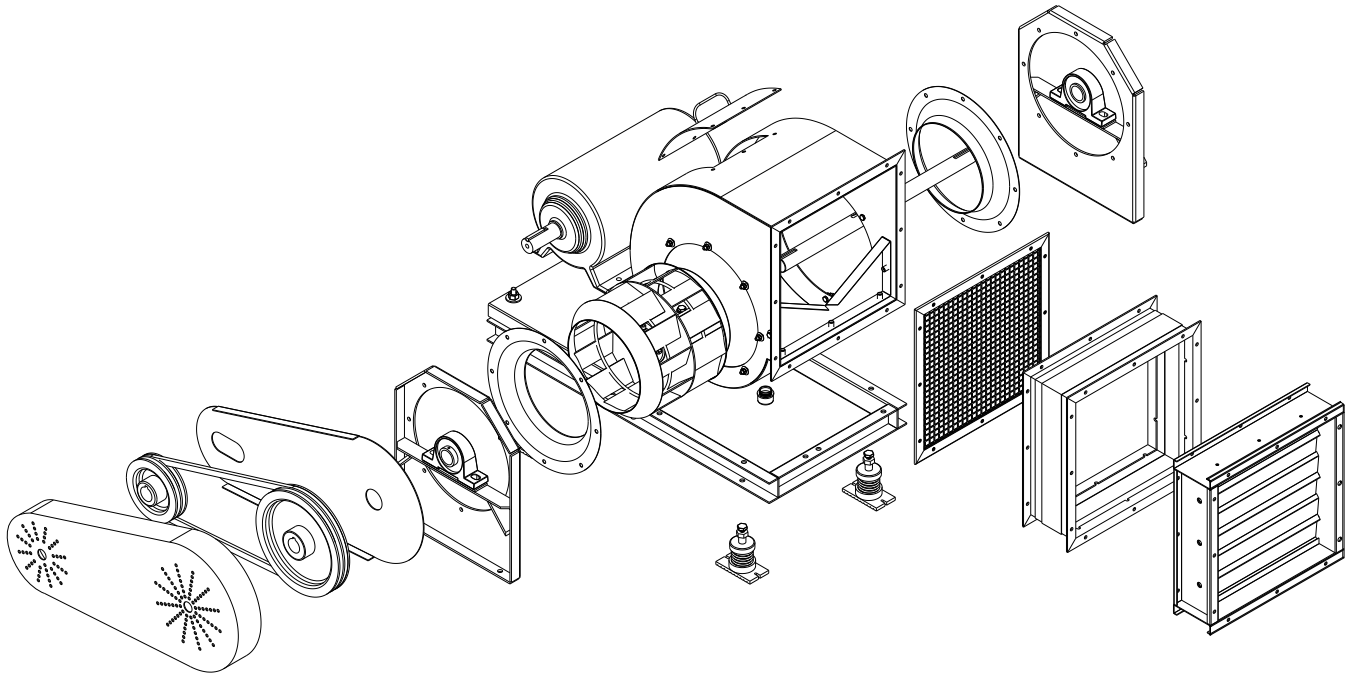


## POSICIONES ESTÁNDAR DEL MOTOR

Las posiciones del motor para el ventilador centrífugo de transmisión (poleas – bandas) es conforme a la normativa: AMCA 99-2407-66.

Estas posiciones del motor son independientes de la rotación y descarga, la ubicación del motor viene determinada desde el lado de la transmisión del ventilador y la designación de las posiciones con las letras W, X, Y o Z.

## ACCESORIOS



### **Resortes para control de ruido y vibración**

Accesorio para prevenir la transmisión de vibración y sonido a los distintos elementos de la instalación.

Están diseñados para actuar de manera independiente y lograr un amortiguamiento 100% vertical, son lateralmente estables sin requerir algún refuerzo.

### **Conector flexible de lona**

Accesorio recomendado para aislamiento de vibraciones en instalaciones de HVAC. Fabricado con 45 mm de lámina galvanizada en cada extremo, con 75 mm de lona de PVC. Excelentes propiedades mecánicas, con resistencia a la tensión. Temperatura de operación hasta 70° C.

### **Graseras extendidas**

Tubo flexible colocado en los puntos de engrase de piezas en movimiento (rodamientos) para mantener la lubricación adecuada de los mismos, ideal para uso en lugares estrechos y de difícil acceso.

### **Malla de protección en descarga**

Para prevenir la entrada de materiales al interior del equipo, cuando éste no se encuentra enductado y salvaguardar la integridad de las personas y equipos que se encuentran alrededor del ventilador.

### **Compuerta en la descarga**

Regula y controla la cantidad de volumen de aire y presión estática. Fabricadas en aluminio o lámina galvanizada, con diseño especial para cada aplicación.

### **Cubrebandas**

Accesorio de protección para el sistema de transmisión de potencia, es utilizado para evitar el contacto con elementos en movimiento y prevenir posibles accidentes, además de proteger al sistema del contacto directo con agua, polvo o suciedad.

### **Chumacera bipartida**

Rodamientos intercambiables, de mantenimiento sencillo; base reforzada, fijación estándar y fácil lubricación.



## RECUBRIMIENTOS

### APLICACIÓN ESTÁNDAR

- **Pintura en polvo poliéster**

La pintura estándar S&P, es ideal para aplicaciones comerciales e industriales, donde los contaminantes corrosivos sean de moderados a bajos.

Su aplicación consiste en partículas de pigmento y resinas, que mediante un proceso electrostático se adhieren a la superficie del metal, previamente desengrasado, fosfatizado y decapado; posteriormente mediante alta temperatura obtiene sus características de acabado liso, uniforme, dureza, resistencia a impacto, resistencia química y a la abrasión adecuada con gran resistencia a agentes corrosivos (hasta 800 horas de Cámara Salina de acuerdo a corrosión ASTM B-117, Ampollamiento ASTM D-714 y Adherencia ASTM D-1654).

### RECUBRIMIENTOS ESPECIALES

Cuando el uso de un ventilador se destina a aplicaciones industriales, donde el ambiente en el que operará es altamente corrosivo, es recomendable aplicar algún recubrimiento especial que pueda resistir este tipo de atmósferas.

Para ello Soler & Palau pone a su disposición acabados especiales:

- **Pintura epóxica altos sólidos**

Recubrimiento epóxico de dos componentes curado con poliamida, modificado con amina.

Este es un recubrimiento especial para S&P, pudiendo ser usado como primario, enlace acabado o como recubrimiento único. Su uso en ventiladores es ideal ya que aplicado a piezas metálicas sometidas a humedad o inmersión ofrece gran resistencia. Su adherencia es excelente en cualquier tipo de acero, incluyendo los que tengan acabados galvanizados. Es un producto versátil altos sólidos que posee excelentes propiedades recomendado para ambientes corrosivos severos.

Su apariencia es semimate y el color es caqui. Obteniendo un total de 1000 horas cámara salina.

Resistencia química:

Ácido	Muy bueno	Abrasión	Excelente	Intemperie	Muy bueno
Álcalis	Excelente	Solventes	Excelentes		
Humedad	Excelentes	Sales	Excelentes		

Importante: Este producto es susceptible al caleo debido a la radiación UV.

Temperatura máxima de servicio: 93 °C servicio continuo y 148 ° C intermitente.

- **Pintura en polvo poliester de alta resistencia**

Pintura de tipo especial, el cuál es usado como recubrimiento único, fabricado especial para el cuidado del sustrato, debido a su alta resistencia a la corrosión y excelente nivel de adherencia.

Su aplicación es mediante el curado y su acabado es liso, con excelente nivel de dureza, flexibilidad, resistencia al impacto y abrasión. Recomendado para sitios donde el nivel de humedad y rocío salino sean altos.

Resistencia química:

Ácido	Muy bueno	Abrasión	Excelente	Humedad	Excelentes
Álcalis	Excelente	Sales	Excelente	Intemperie	Muy bueno

- **Recubrimientos fenólicos secado al aire**

Este acabado es especial y se sugiere consultar a fábrica para condiciones comerciales.

Ofrecen excelente resistencia a humos que contengan ácidos, bases, sales inorgánicas y solventes.

Buena resistencia para condensados y esparado de estos componentes.

- **Recubrimiento para alta temperatura**

Este acabado es especial y se sugiere consultar a fábrica para condiciones comerciales.

Para aplicaciones donde las temperaturas sobrepasan los 150°C color Aluminio.



## TABLA DE CONVERSIONES

CAUDAL			VELOCIDAD			ÁREA		
multiplique	por	para obtener	multiplique	por	para obtener	multiplique	por	para obtener
CFM	0.0004719	m <sup>3</sup> /seg	fpm	0.0167	fps	in <sup>2</sup>	0.006944	ft <sup>2</sup>
CFM	0.02832	m <sup>3</sup> /min	fpm	0.00508	m/seg	in <sup>2</sup>	0.0006452	m <sup>2</sup>
CFM	1.699	m <sup>3</sup> /hr	fpm	0.3048	m/min	in <sup>2</sup>	645.16	mm <sup>2</sup>
CFM	0.47195	l/seg	fps	60	fpm	ft <sup>2</sup>	144	in <sup>2</sup>
CFM	28.317	l/min	fps	0.3048	m/seg	ft <sup>2</sup>	0.0929	m <sup>2</sup>
m <sup>3</sup> /seg	2118.9	CFM	fps	18.288	m/min	ft <sup>2</sup>	92903	mm <sup>2</sup>
m <sup>3</sup> /seg	60	m <sup>3</sup> /min	m/seg	196.85	fpm	m <sup>2</sup>	10.76	ft <sup>2</sup>
m <sup>3</sup> /seg	3600	m <sup>3</sup> /hr	m/seg	3.2808	fps	m <sup>2</sup>	1550	in <sup>2</sup>
m <sup>3</sup> /seg	1000	l/seg	m/seg	60	m/min	m <sup>2</sup>	10 <sup>6</sup>	mm <sup>2</sup>
m <sup>3</sup> /seg	60000	l/min	m/min	3.2808	fpm	<b>DENSIDAD</b>		
m <sup>3</sup> /min	35.315	CFM	m/min	0.05468	fps	multiplique	por	para obtener
m <sup>3</sup> /min	0.0167	m <sup>3</sup> /seg	m/min	0.0167	m/seg	lb/ft <sup>3</sup>	16.02	kg/m <sup>3</sup>
m <sup>3</sup> /min	60	m <sup>3</sup> /hr	<b>PRESIÓN</b>			kg/m <sup>3</sup>	0.06243	lb/ft <sup>3</sup>
m <sup>3</sup> /min	16.667	l/seg	multiplique	por	para obtener	<b>LONGITUD</b>		
m <sup>3</sup> /min	1000	l/min	in c.H <sub>2</sub> O	0.03607	psi	multiplique	por	para obtener
m <sup>3</sup> /hr	0.58858	CFM	in c.H <sub>2</sub> O	0.07343	in c.Hg	ft	12	in
m <sup>3</sup> /hr	0.0167	m <sup>3</sup> /min	in c.H <sub>2</sub> O	248.66	Pa	ft	0.3048	m
m <sup>3</sup> /hr	0.0003	m <sup>3</sup> /seg	in c.H <sub>2</sub> O	25.4	mm c.H <sub>2</sub> O	ft	304.8	mm
m <sup>3</sup> /hr	0.2778	l/seg	in c.H <sub>2</sub> O	1.8651	mm c.Hg	in	0.0833	ft
m <sup>3</sup> /hr	16.667	l/min	in c.H <sub>2</sub> O	0.002454	atm	in	0.0254	m
l/seg	2.1189	CFM	in c.Hg	0.49115	psi	in	25.4	mm
l/seg	0.001	m <sup>3</sup> /seg	in c.Hg	13.619	in c.H <sub>2</sub> O	m	3.2808	ft
l/seg	0.06	m <sup>3</sup> /min	in c.Hg	3386.4	Pa	m	39.37	in
l/seg	3.6	m <sup>3</sup> /hr	in c.Hg	345.91	mm c.H <sub>2</sub> O	m	1000	mm
l/seg	60	l/min	in c.Hg	25.4	mm c.Hg	mm	0.003281	ft
<b>VOLUMEN</b>			in c.Hg	0.03342	atm	mm	0.03937	in
multiplique	por	para obtener	Pa	0.000145	psi	mm	0.001	m
ft <sup>3</sup>	1728	in <sup>3</sup>	Pa	0.004022	in c.H <sub>2</sub> O	<b>MASA</b>		
ft <sup>3</sup>	28.317	l	Pa	0.0002953	in c.Hg	multiplique	por	para obtener
ft <sup>3</sup>	0.02832	m <sup>3</sup>	Pa	0.10215	mm c.H <sub>2</sub> O	lb	16	oz
in <sup>3</sup>	0.000579	ft <sup>3</sup>	Pa	0.007501	mm c.Hg	lb	453.59	gramos
in <sup>3</sup>	0.01639	l	Pa	0.0000099	atm	lb	0.45359	kg
in <sup>3</sup>	0.0000164	m <sup>3</sup>	mm c.H <sub>2</sub> O	0.00142	psi	kg	2.2046	lb
l	0.03531	ft	mm c.H <sub>2</sub> O	0.03937	in c.H <sub>2</sub> O	kg	35.274	oz
l	61.024	in <sup>3</sup>	mm c.H <sub>2</sub> O	0.002891	in c.Hg	kg	1000	gramos
l	0.001	m <sup>3</sup>	mm c.H <sub>2</sub> O	9.7898	Pa	<b>POTENCIA</b>		
m <sup>3</sup>	35.315	ft <sup>3</sup>	mm c.H <sub>2</sub> O	0.07343	mm c.Hg	multiplique	por	para obtener
m <sup>3</sup>	61024	in <sup>3</sup>	mm c.H <sub>2</sub> O	0.0000966	atm	HP	745.7	W
m <sup>3</sup>	1000	l	mm c.Hg	0.01934	psi	HP	0.7457	KW
<b>TRABAJO, ENERGÍA</b>			mm c.Hg	0.53616	in c.H <sub>2</sub> O	W	0.00134	HP
multiplique	por	para obtener	mm c.Hg	0.03937	in c.Hg	<b>TEMPERATURA</b>		
BTU	1055	J	mm c.Hg	133.32	Pa	°F = 1.8 °C + 32		
kWh	3412.14	BTU	mm c.Hg	13.619	mm c.H <sub>2</sub> O	°C = 5/9 (F-32)		
kJ	0.94782	BTU	mm c.Hg	0.001316	atm	°K = °C + 273.15		



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