



Ventiladores Centrífugos de Doble Aspiración **BDB**





BDB

VENTILADORES CENTRÍFUGOS DE DOBLE ASPIRACIÓN ÁLABES ATRASADOS



Serie BDB compuesta por ventiladores centrífugos de doble oído de aspiración y rodete de álabes atrasados, con 15 tamaños disponibles del 280 al 1400 de diámetro nominal.

Estos ventiladores brindan grandes prestaciones de caudal-presión con mínimo consumo de energía y nivel sonoro bajo, lo cual lo hace un equipo sumamente versátil para aplicaciones de abastecimiento y extracción en sistemas HVAC, industriales, de proceso y comerciales.

Todos los componentes son diseñados y fabricados de manera que alcancen su máximo nivel de eficiencia y en aplicaciones de alta presión; eje, rodamientos y rodete son reforzados, aportando rigidez y fuerza al conjunto. Así como el ajuste entre el venturi y el rodete es reducido al mínimo de forma que disminuya la turbulencia provocada por la presión dinámica en la aspiración y aumente el flujo del aire.

Su diseño, fabricación y verificación avalan una larga vida útil de operación, con muy bajo costo de mantenimiento. Cuenta con una gran versatilidad en arreglos y posiciones de descarga, con distintos accesorios para su correcta operación y funcionamiento en cada aplicación, haciéndolo un equipo seguro y confiable.

NOMENCLATURA

BDB - II - 315 CW

Modelo
BDB Turbina álabes atrasados

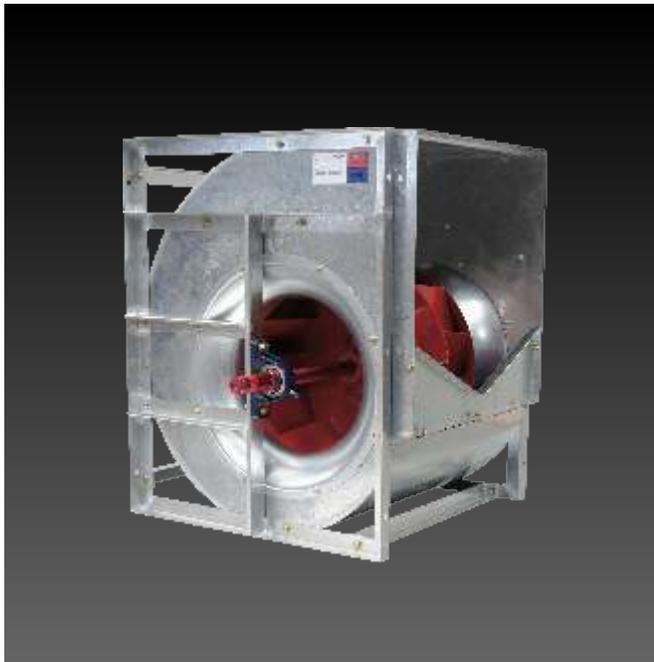
Rotación
CW- (Modelo BDB, Clase I y II)
CCW- (Modelo BDB, Clase I y II)

Clase
I- Clase I (Modelo BDB, 280 - 1400)
II - Clase II (Modelo BDB, 280 -1400)

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

OPCIONES DE CONSTRUCCIÓN

ACABADO GALVANIZADO



Tipo de rodete: álabes atrasados
 Rotación: CW y CCW
 Tamaños: 280, 315, 355, 400, 450, 500, 560, 630 y 710.

Clases constructivas:

Clase I

Tamaños: 280 al 710.

Rango de caudal: 2,594 m³/hr (1,526 CFM)

hasta 52,000 m³/hr (30,588 CFM).

Presión estática máxima: 160 mm c.a. (6.30 inwg).

Descripción constructiva:

Carcasa, bastidor y marcos en lámina galvanizada con rodete estándar.

Clase II

Tamaños: 280 al 710.

Rango de caudal: 3,800 m³/hr (2,235 CFM)

hasta 72,000 m³/hr (42,353 CFM).

Presión estática máxima: 304.8 mm c.a. (12.0 inwg).

Descripción constructiva:

Carcasa en lámina galvanizada, bastidor con canal estructural a partir del tamaño 630 hasta 710, marcos contruidos con barras angulares, rodete reforzado.

ACABADO PINTURA POLIÉSTER



Tipo de rodete: álabes atrasados

Rotación: CW y CCW

Tamaños: 800, 900, 1000, 1120, 1250 y 1400.

Clases constructivas:

Clase I

Tamaños: 800 al 1400.

Rango de caudal: 12,000 m³/hr (7,059 CFM)

hasta 210,000 m³/hr (123,529 CFM).

Presión estática máxima: 160 mm c.a. (6.30 inwg).

Descripción constructiva:

Carcasa en lámina negra, bastidor con canal estructural, marcos contruidos con barras angulares, rodete con opción tipo reforzado o estándar. El acabado es con pintura poliéster de aplicación electrostática en polvo.

Clase II

Tamaños: 800 al 1400.

Rango de caudal: 18,000 m³/hr (10,588 CFM)

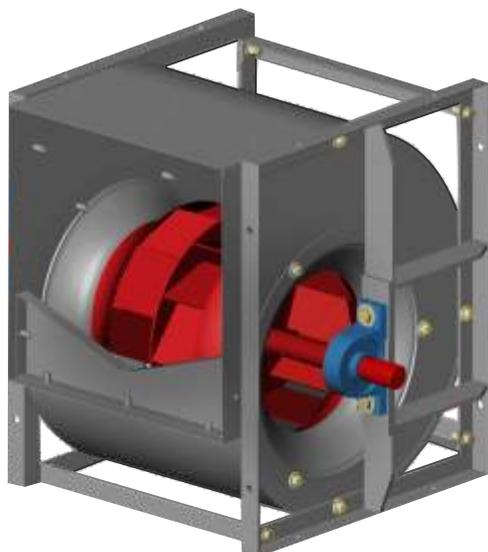
hasta 280,000 m³/hr (164,706 CFM).

Presión estática máxima: 304.8 mm c.a. (12 inwg).

Descripción constructiva:

Carcasa en lámina negra, bastidor con canal estructural, marcos contruidos con barras angulares, rodete reforzado. El acabado es con pintura poliéster de aplicación electrostática en polvo.

CARACTERÍSTICAS CONSTRUCTIVAS



RODETE

Los rodetes de doble aspiración de los modelos BDB de Soler & Palau, Clase I y II, han consolidado a través de su diseño, el concepto de un impulsor de alta eficiencia.

Todos los rodetes son estática y dinámicamente balanceados a grado G 2.5 siguiendo lo establecido por la normativa: ISO 1940 o AMCA 204.

El rodetes dispone de álabes atrasados de acero laminado en frío con un acabado de revestimiento poliéster de aplicación electrostática en polvo.

El desempeño del rodetes, minimiza las pérdidas de energía dando como resultado un sistema con altos niveles de eficiencia.

CARCASA

Para los tamaños 280 hasta 710, las carcasas así como los perfiles son construidas en lámina galvanizada.

En los tamaños 800 hasta 1400, las carcasas son fabricadas en lámina negra, con acabado en pintura poliéster en polvo, y armazón fabricado con perfiles LD, pintados con el mismo recubrimiento.

PINTURA

Para los tamaños 800 al 1400, todo el conjunto se somete a un proceso de prepintado, 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 y resistencia al impacto. 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.

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.

RODAMIENTOS

Los rodamientos seleccionados para este modelo han sido calculados para su óptimo desempeño en aplicaciones de servicio pesado; superando las 200,000 horas de vida nominal, en todas las condiciones de operación.

Los rodamientos no requieren engrase ni mantenimiento. En caso de ser necesaria una nueva lubricación, se recomienda utilizar grasa con base de litio adecuada para todas las temperaturas dentro de los límites de funcionamiento.



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 BDB

Modelo: BDB-560

Caudal: 19,000 m³/hr (11,176 CFM)

Presión Estática: 103 mm c.a. (4.05 in wg)

Nos situamos en el eje de abscisas (horizontal) con un caudal de 19,000 m³/hr (11,176 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 1,500 r.p.m.:

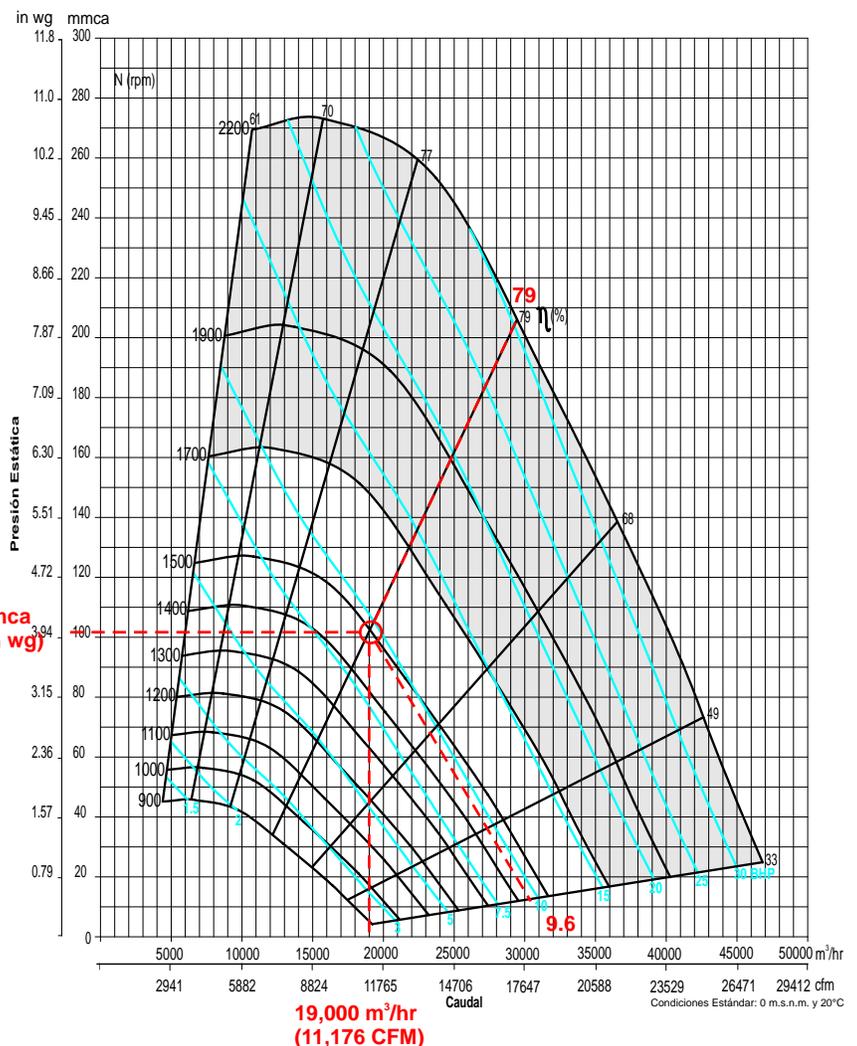
Clase: I

BHP: 9.6

Eficiencia Total: 79%

Para seleccionar un ventilador clase II, debe considerar la zona sombreada en color gris.

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/m³ (0.075 lb/ft³).





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/m³ (0.075 lb/ft³). 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.

Altitud (metros snm)	Temperatura (°Centígrados)						
	21	30	38	65	93	149	204
0	1.000	0.971	0.946	0.876	0.803	0.697	0.616
305	0.964	0.936	0.912	0.844	0.774	0.672	0.594
610	0.930	0.903	0.880	0.815	0.747	0.648	0.573
914	0.896	0.870	0.848	0.785	0.720	0.624	0.552
1219	0.864	0.839	0.818	0.757	0.694	0.604	0.532
1524	0.832	0.808	0.787	0.729	0.668	0.580	0.513
1829	0.801	0.778	0.758	0.702	0.643	0.558	0.493
2134	0.772	0.750	0.73	0.676	0.620	0.538	0.476
2438	0.743	0.722	0.703	0.651	0.596	0.518	0.458
2743	0.714	0.694	0.676	0.626	0.573	0.498	0.440
3048	0.688	0.668	0.651	0.602	0.552	0.480	0.424
4572	0.564	0.548	0.534	0.494	0.453	0.393	0.347
6096	0.460	0.447	0.435	0.403	0.369	0.321	0.283

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 Soler & Palau.

Ejemplo de aplicación de los factores de corrección

Un ventilador es seleccionado para suministrar 19,000 m³/hr (11,176 CFM) bajo una presión estática de 101.6 mm c.a. (4.0 in wg), a una altitud de 1,524 metros s.n.m. y operando a una temperatura de 93 °C.

Para determinar las condiciones de operación del ventilador:

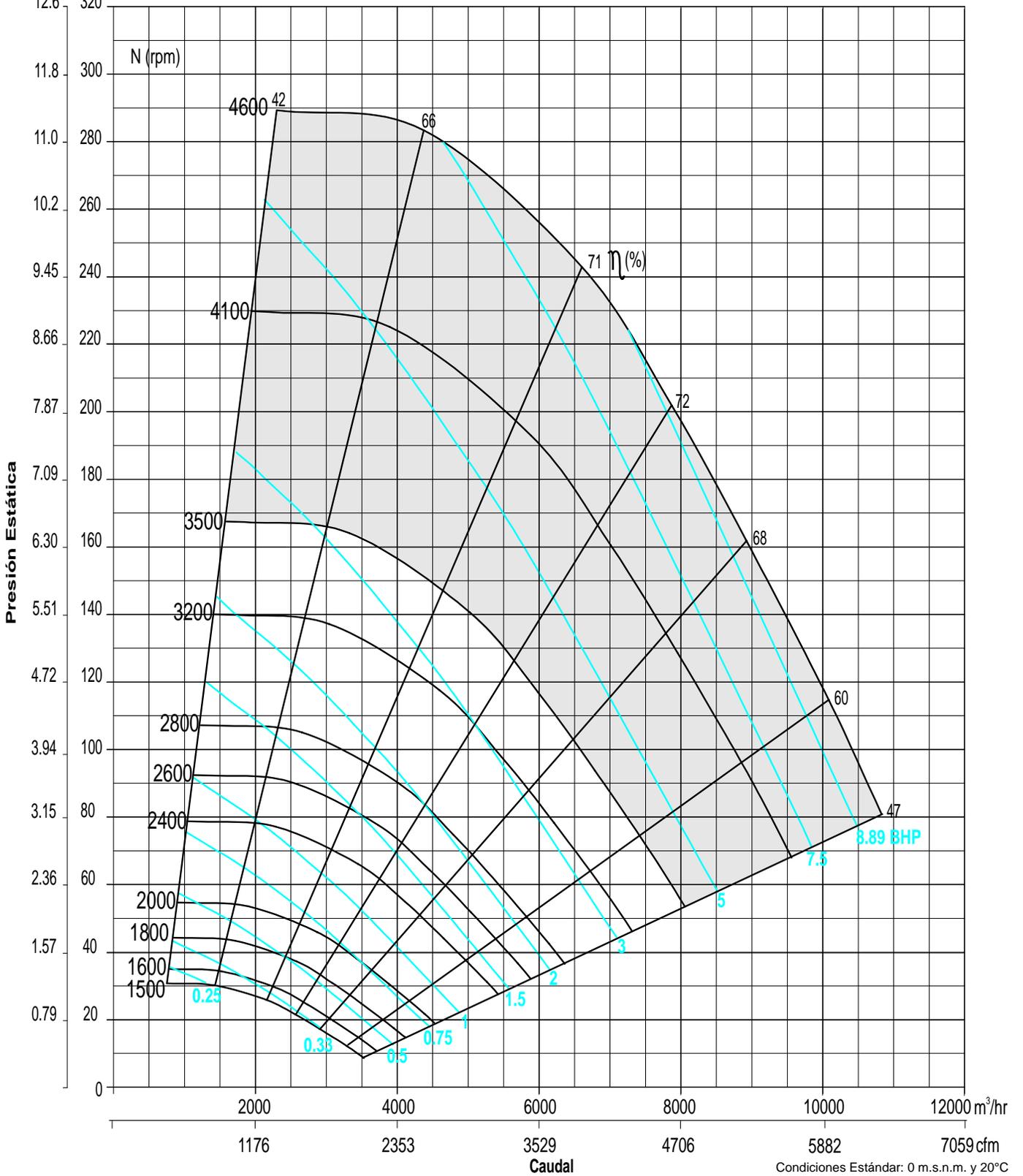
- 1.- Se debe precisar el factor de corrección de la tabla: **FACTORES DE CORRECCIÓN DE DENSIDAD DEL AIRE.**
En este caso el factor es: 0.668
- 2.- Divida la presión estática determinada entre el Factor de Corrección. $101.6 \text{ mm c.a.} / 0.668 = 152.09 \text{ mm c.a.}$
- 3.- Multiplique la potencia al freno que requiere el ventilador (en este ejemplo: 14.5 BHP) por el mismo factor de corrección (0.668). $14.5 \text{ BHP} \times 0.668 = 9.686 \text{ BHP}$
- 4.- El ventilador seleccionado presentará las siguientes condiciones de operación:
19,000 m³/hr (11,176 CFM), 152.09 mm c.a. (5.98 in wg), 9.686 BHP y 1,731 r.p.m.

BDB 280



CURVA CARACTERÍSTICA

in wg mmca
12.6 320



BDB 315



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 323 mm (12 11/16 inch)
 Diámetro del eje: Clase I 25.4 mm (1 inch)
 Clase II 34.9 mm (1 3/8 inch)

Área de salida: 0.163 m² (1.756 ft²)
 BHP máximos: Clase I 4.99, Clase II 10.7

Armazón máx. de motor: Clase I 184T, Clase II 215T
 RPM máximas: Clase I 3100, Clase II 4100
 Peso del equipo: 40 Kg (88 Lbs)

CFM m ³ /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
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		RPM	68	RPM	70	RPM	73	RPM	75	RPM	77	RPM	79	RPM	81	RPM	83	RPM	85	RPM	87	RPM	88	RPM	89
2283	1300	RPM	1287	RPM	1498	RPM	1687	RPM	1861	RPM	2021	RPM	2168	RPM	2308	RPM	2423	RPM	2576	RPM	2705	RPM	2831	RPM	2952
3879		BHP	0.36	BHP	0.56	BHP	0.78	BHP	1.01	BHP	1.25	BHP	1.52	BHP	1.77	BHP	2.05	BHP	2.33	BHP	2.61	BHP	2.89	BHP	3.19
2634	1500	LwA	0.47	LwA	0.70	LwA	0.94	LwA	1.19	LwA	1.46	LwA	1.74	LwA	2.02	LwA	2.32	LwA	2.63	LwA	2.94	LwA	3.26	LwA	3.58
4475		RPM	74	RPM	76	RPM	78	RPM	79	RPM	81	RPM	82	RPM	83	RPM	84	RPM	85	RPM	86	RPM	88	RPM	89
2985	1700	RPM	1539	RPM	1734	RPM	1895	RPM	2045	RPM	2188	RPM	2324	RPM	2454	RPM	2577	RPM	2694	RPM	2806	RPM	2915	RPM	3021
5072		BHP	0.62	BHP	0.87	BHP	1.14	BHP	1.42	BHP	1.70	BHP	2.00	BHP	2.31	BHP	2.63	BHP	2.95	BHP	3.29	BHP	3.63	BHP	3.98
3336	1900	LwA	0.80	LwA	1.07	LwA	1.37	LwA	1.66	LwA	1.98	LwA	2.29	LwA	2.538	LwA	2.657	LwA	2.772	LwA	3.31	LwA	3.66	LwA	4.04
5668		RPM	80	RPM	81	RPM	83	RPM	84	RPM	85	RPM	86	RPM	87	RPM	87	RPM	87	RPM	87	RPM	88	RPM	89
3512	2000	RPM	1737	RPM	1920	RPM	2073	RPM	2209	RPM	2338	RPM	2463	RPM	2583	RPM	2700	RPM	2812	RPM	2920	RPM	3025	RPM	3125
5967		BHP	0.91	BHP	1.19	BHP	1.49	BHP	1.81	BHP	2.13	BHP	2.463	BHP	2.80	BHP	3.15	BHP	3.50	BHP	3.88	BHP	4.25	BHP	4.63
6368	2100	LwA	1.02	LwA	1.31	LwA	1.62	LwA	1.96	LwA	2.29	LwA	2.54	LwA	2.63	LwA	2.98	LwA	3.34	LwA	3.71	LwA	4.09	LwA	4.47
6266		RPM	83	RPM	84	RPM	85	RPM	86	RPM	87	RPM	88	RPM	88	RPM	88	RPM	88	RPM	88	RPM	89	RPM	90
3863	2200	RPM	1874	RPM	2046	RPM	2196	RPM	2327	RPM	2449	RPM	2566	RPM	2680	RPM	2791	RPM	2898	RPM	3003	RPM	3104	RPM	3203
6563		BHP	1.14	BHP	1.45	BHP	1.77	BHP	2.12	BHP	2.47	BHP	2.82	BHP	3.18	BHP	3.55	BHP	3.93	BHP	4.32	BHP	4.71	BHP	5.11
4039	2300	LwA	1.27	LwA	1.60	LwA	1.93	LwA	2.28	LwA	2.57	LwA	2.64	LwA	2.621	LwA	3.02	LwA	3.39	LwA	3.77	LwA	4.16	LwA	4.55
6862		RPM	85	RPM	86	RPM	87	RPM	88	RPM	88	RPM	88	RPM	88	RPM	88	RPM	88	RPM	89	RPM	90	RPM	91
4214	2400	RPM	2174	RPM	2321	RPM	2449	RPM	2566	RPM	2687	RPM	2803	RPM	2915	RPM	3022	RPM	3129	RPM	3232	RPM	3329	RPM	3425
7160		BHP	1.76	BHP	2.09	BHP	2.449	BHP	2.82	BHP	3.18	BHP	3.55	BHP	3.93	BHP	4.32	BHP	4.71	BHP	5.11	BHP	5.50	BHP	5.93
4390	2500	LwA	1.93	LwA	2.28	LwA	2.57	LwA	2.66	LwA	2.626	LwA	3.04	LwA	3.43	LwA	3.84	LwA	4.24	LwA	4.65	LwA	5.07	LwA	5.50
7459		RPM	88	RPM	89	RPM	89	RPM	89	RPM	89	RPM	89	RPM	89	RPM	89	RPM	90	RPM	91	RPM	91	RPM	92
4566	2600	RPM	2304	RPM	2447	RPM	2573	RPM	2687	RPM	2803	RPM	2915	RPM	3022	RPM	3129	RPM	3232	RPM	3329	RPM	3425	RPM	3512
7758		BHP	2.11	BHP	2.47	BHP	2.82	BHP	3.18	BHP	3.55	BHP	3.93	BHP	4.32	BHP	4.71	BHP	5.11	BHP	5.50	BHP	5.93	BHP	6.22
4741	2700	LwA	2.29	LwA	2.59	LwA	2.68	LwA	2.636	LwA	3.07	LwA	3.47	LwA	3.85	LwA	4.33	LwA	4.76	LwA	5.19	LwA	5.63	LwA	6.07
8055		RPM	90	RPM	91	RPM	91	RPM	90	RPM	90	RPM	90	RPM	91	RPM	91	RPM	91	RPM	92	RPM	92	RPM	93
4917	2800	RPM	2573	RPM	2698	RPM	2811	RPM	2914	RPM	3013	RPM	3108	RPM	3201	RPM	3292	RPM	3381	RPM	3468	RPM	3553	RPM	3637
8354		BHP	2.90	BHP	3.30	BHP	3.71	BHP	4.14	BHP	4.59	BHP	5.04	BHP	5.48	BHP	5.94	BHP	6.40	BHP	6.87	BHP	7.35	BHP	7.82
5268	3000	LwA	3.38	LwA	3.80	LwA	4.24	LwA	4.69	LwA	5.15	LwA	5.63	LwA	6.10	LwA	6.58	LwA	7.07	LwA	7.56	LwA	8.05	LwA	8.54
8950		RPM	92	RPM	92	RPM	92	RPM	93	RPM	93	RPM	93	RPM	94	RPM	94	RPM	94	RPM	95	RPM	95	RPM	96
5619	3200	RPM	2832	RPM	2950	RPM	3060	RPM	3161	RPM	3255	RPM	3345	RPM	3431	RPM	3515	RPM	3597	RPM	3678	RPM	3757	RPM	3834
9547		BHP	3.92	BHP	4.36	BHP	4.81	BHP	5.30	BHP	5.78	BHP	6.28	BHP	6.77	BHP	7.28	BHP	7.80	BHP	8.31	BHP	8.83	BHP	9.34
5971	3400	LwA	4.99	LwA	5.47	LwA	5.95	LwA	6.46	LwA	6.95	LwA	7.46	LwA	7.95	LwA	8.46	LwA	8.97	LwA	9.48	LwA	10.00	LwA	10.52
10145		RPM	94	RPM	95	RPM	95	RPM	95	RPM	96	RPM	96	RPM	96	RPM	96	RPM	97	RPM	97	RPM	98	RPM	99
6146	3500	RPM	3143	RPM	3249	RPM	3349	RPM	3442	RPM	3529	RPM	3612	RPM	3692	RPM	3771	RPM	3847	RPM	3922	RPM	3996	RPM	4069
10442		BHP	5.32	BHP	5.82	BHP	6.32	BHP	6.83	BHP	7.36	BHP	7.90	BHP	8.45	BHP	8.99	BHP	9.54	BHP	10.09	BHP	10.64	BHP	11.19

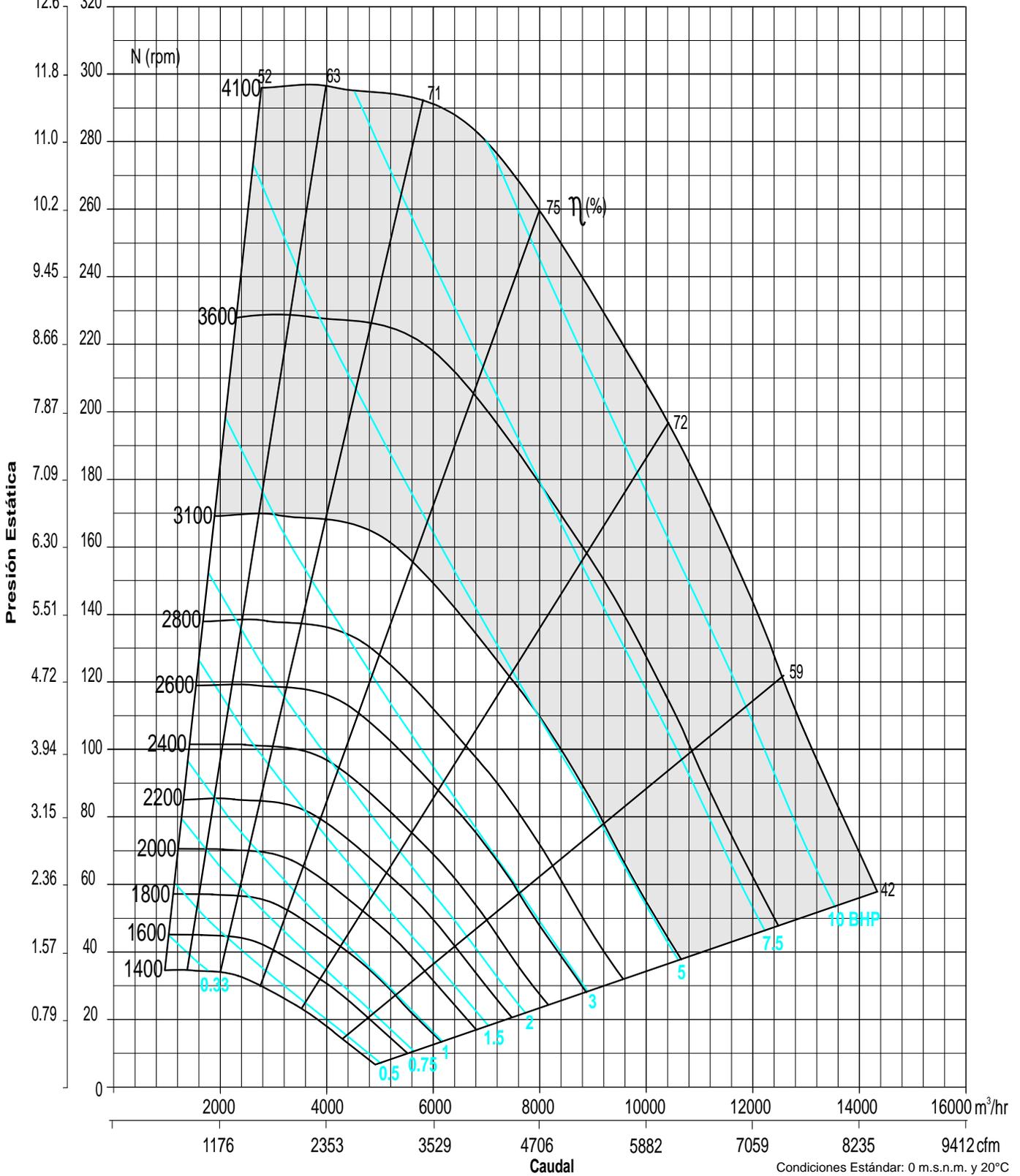
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
2634	1500	LwA	3.92	LwA	4.24	LwA	4.57	LwA	4.92	LwA	5.26	LwA	5.63	LwA	6.01	LwA	6.40	LwA	6.80	LwA	7.21	LwA	7.63	LwA	8.06
4475		RPM	3086	RPM	3196	RPM	3304	RPM	3409	RPM	3512	RPM	3612	RPM	3709	RPM	3795	RPM	3879	RPM	3961	RPM	4041	RPM	4119
2985	1700	RPM	3125	RPM	3227	RPM	3329	RPM	3429	RPM	3527	RPM	3624	RPM	3719	RPM	3812	RPM	3903	RPM	3992	RPM	4079	RPM	4164
5072		BHP	4.34	BHP	4.71	BHP	5.07	BHP	5.43	BHP	5.81	BHP	6.18	BHP	6.56	BHP	6.96	BHP	7.36	BHP	7.76	BHP	8.17	BHP	8.58
3161	1800	LwA	4.56	LwA	4.93	LwA	5.31	LwA	5.70	LwA	6.09	LwA	6.50	LwA	6.92	LwA	7.35	LwA	7.79	LwA	8.23	LwA	8.68	LwA	9.13
5371		RPM	3153	RPM	3252	RPM	3350	RPM	3447	RPM	3542	RPM	3636	RPM	3728	RPM	3817	RPM	3904	RPM	3989	RPM	4073	RPM	4155
3336	1900	RPM	89	RPM	90	RPM	91	RPM	92	RPM	93	RPM	94	RPM	94	RPM	95	RPM	95	RPM	96	RPM	96	RPM	97
5668		BHP	4.79	BHP	5.18	BHP	5.57	BHP	5.97	BHP	6.37	BHP	6.78	BHP	7.19	BHP	7.61	BHP	8.03	BHP	8.46	BHP	8.90	BHP	9.34
3512	2000	LwA	5.02	LwA	5.42	LwA	5.82	LwA	6.24	LwA	6.65	LwA	7.07	LwA	7.50	LwA	7.94	LwA	8.39	LwA	8.84	LwA	9.30	LwA	9.76
5967		RPM	3222	RPM	3316	RPM	3409	RPM	3499	RPM	3589	RPM	3677	RPM	3764	RPM	3849	RPM	3932	RPM	4013	RPM	4092	RPM	4169
3688	2100	RPM	90	RPM	91	RPM	92	RPM	92	RPM	93	RPM	93	RPM	94	RPM	94	RPM	95	RPM	95	RPM	96	RPM	96
6266		BHP	5.27	BHP	5.67	BHP	6.09	BHP	6.52	BHP	6.93	BHP	7.36	BHP	7.80	BHP	8.25	BHP	8.71	BHP	9.17	BHP	9.64	BHP	10.11
3863	2200	LwA	5.53	LwA	5.94	LwA	6.37	LwA	6.80	LwA	7.24	LwA	7.69	LwA	8.15	LwA	8.62	LwA	9.10	LwA	9.58	LwA	10.06	LwA	10.55
6563		RPM	3298	RPM	3390	RPM	3480	RPM	3567	RPM	3653	RPM	3737	RPM	3820	RPM	3901	RPM	3980	RPM	4057	RPM	4132	RPM	4206
4039	2300	RPM	91	RPM	92	RPM	93	RPM	93	RPM	94	RPM	94	RPM	95	RPM	95	RPM	96	RPM	96	RPM	97	RPM	97
6862		BHP	5.79	BHP	6.22	BHP	6.65	BHP	7.09	BHP	7.55	BHP	8.01	BHP	8.48	BHP	8.96	BHP	9.45	BHP	9.94	BHP	10.44	BHP	10.94
4214	2400	LwA	6.07	LwA	6.50	LwA	6.96	LwA	7.40	LwA	7.87	LwA	8.36	LwA	8.85	LwA	9.35	LwA	9.86	LwA	10.37	LwA	10.89	LwA	11.41
7160		RPM	3378	RPM	3469	RPM	3557	RPM	3643	RPM	3727	RPM	3808	RPM	3888	RPM	3967	RPM	4044	RPM	4119	RPM	4194	RPM	4267
4390	2500	RPM	92	RPM	93	RPM	94	RPM	94	RPM	95	RPM	95	RPM	96	RPM	96	RPM	97	RPM	97	RPM	98	RPM	98
7459		BHP	6.37	BHP	6.81	BHP	7.27	BHP	7.74																

BDB 315



CURVA CARACTERÍSTICA

in wg mmca
12.6 320



BDB 355



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 363 mm (14 5/16 inch)
 Diámetro del eje: Clase I 34.9 mm (1 3/8 inch)
 Clase II 34.9 mm (1 3/8 inch)

Área de salida: 0.204 m² (2.198 ft²)
 BHP máximos: Clase I 6.70, Clase II 14.7

Armazón máx. de motor: Clase I 213T, Clase II 254T
 RPM máximas: Clase I 2700, Clase II 3500
 Peso del equipo: 55 Kg (121 Lbs)

CFM m ³ /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	0.99	74	1.29	75	1.61	76	1.94	78	2.31	80	2.67	81	3.04	83	3.45	85	3.85	86	4.26	87	4.69
3078	1800	1168	0.90	1357	1.23	1513	1.56	1652	1.90	1781	2.27	1903	2.66	2019	3.04	2131	3.45	2241	3.86	2351	4.28	2461	4.72	2570	5.18
5230	2000	74	1.15	76	1.52	77	1.88	78	2.24	79	2.63	80	3.04	81	3.46	82	3.89	83	4.33	85	4.77	86	5.24	87	5.71
3517	2100	1281	0.90	1453	1.23	1607	1.56	1740	1.90	1862	2.27	1977	2.66	2086	3.04	2191	3.45	2293	3.86	2391	4.28	2489	4.72	2585	5.18
5975	2200	77	1.29	79	1.68	80	2.07	81	2.44	82	2.83	83	3.25	84	3.69	85	4.13	86	4.59	88	5.04	89	5.51	90	5.99
3957	2300	1400	1.00	1555	1.35	1702	1.68	1833	2.04	1950	2.41	2060	2.83	2164	3.25	2264	3.69	2361	4.13	2454	4.62	2544	5.11	2633	5.60
6723	2400	80	1.45	81	1.85	82	2.25	83	2.66	84	3.06	85	3.47	86	3.93	87	4.39	88	4.85	89	5.34	90	5.82	91	6.30
4397	2500	1522	1.00	1663	1.35	1800	1.68	1928	2.04	2043	2.41	2149	2.83	2249	3.25	2345	3.69	2437	4.13	2527	4.62	2614	5.11	2698	5.60
7471	2600	82	1.45	83	1.85	84	2.25	85	2.66	86	3.06	87	3.47	88	3.93	89	4.39	90	4.85	91	5.34	92	5.82	93	6.30
4616	2700	1584	1.00	1719	1.35	1851	1.68	1976	2.04	2091	2.41	2195	2.83	2294	3.25	2388	3.69	2478	4.13	2566	4.62	2651	5.11	2734	5.60
7843	2800	83	1.62	84	2.04	85	2.47	86	2.91	87	3.39	88	3.89	89	4.41	90	4.96	91	5.54	92	6.14	93	6.74	94	7.34
4836	2900	1646	1.00	1776	1.35	1902	1.68	2025	2.04	2138	2.41	2242	2.83	2340	3.25	2432	3.69	2521	4.13	2607	4.62	2690	5.11	2771	5.60
8216	3000	84	1.62	85	2.04	86	2.47	87	2.91	88	3.39	89	3.89	90	4.41	91	4.96	92	5.54	93	6.14	94	6.74	95	7.34
5056	3100	1709	1.00	1834	1.35	1955	1.68	2074	2.04	2186	2.41	2290	2.83	2386	3.25	2477	3.69	2564	4.13	2649	4.62	2731	5.11	2811	5.60
8590	3200	85	1.88	86	2.39	87	2.91	88	3.47	89	4.06	90	4.68	91	5.34	92	6.09	93	6.94	94	7.89	95	8.84	96	9.79
5276	3300	1893	1.00	2009	1.35	2124	1.68	2235	2.04	2338	2.41	2434	2.83	2524	3.25	2610	3.69	2692	4.13	2771	4.62	2847	5.11	2921	5.60
8964	3400	87	1.88	88	2.39	89	2.91	90	3.47	91	4.06	92	4.68	93	5.34	94	6.09	95	6.94	96	7.89	97	8.84	98	9.79
5496	3500	1953	1.00	2065	1.35	2176	1.68	2284	2.04	2381	2.41	2474	2.83	2562	3.25	2646	3.69	2727	4.13	2804	4.62	2879	5.11	2952	5.60
9338	3600	88	2.04	89	2.56	90	3.13	91	3.74	92	4.39	93	5.09	94	5.84	95	6.64	96	7.54	97	8.54	98	9.64	99	10.74
5715	3700	2013	1.00	2121	1.35	2228	1.68	2333	2.04	2434	2.41	2529	2.83	2618	3.25	2702	3.69	2783	4.13	2861	4.62	2936	5.11	3009	5.60
9710	3800	89	2.04	90	2.56	91	3.13	92	3.74	93	4.39	94	5.09	95	5.84	96	6.64	97	7.54	98	8.54	99	9.64	100	10.74
5935	3900	2074	1.00	2178	1.35	2281	1.68	2383	2.04	2482	2.41	2577	2.83	2665	3.25	2749	3.69	2829	4.13	2906	4.62	2981	5.11	3054	5.60
10084	4000	90	2.20	91	2.72	92	3.29	93	3.91	94	4.58	95	5.30	96	6.09	97	6.94	98	7.89	99	8.94	100	10.09	101	11.24
6375	4100	2295	1.00	2391	1.35	2487	1.68	2582	2.04	2673	2.41	2759	2.83	2844	3.25	2927	3.69	3008	4.13	3087	4.62	3164	5.11	3239	5.60
10831	4200	93	2.20	93	2.72	94	3.29	95	3.91	96	4.58	97	5.30	98	6.09	99	6.94	100	7.89	101	8.94	102	10.09	103	11.24
6815	4300	2414	1.00	2505	1.35	2595	1.68	2684	2.04	2772	2.41	2858	2.83	2944	3.25	3027	3.69	3109	4.13	3190	4.62	3269	5.11	3346	5.60
11579	4400	94	2.40	95	2.91	96	3.47	97	4.06	98	4.68	99	5.34	100	6.09	101	6.94	102	7.89	103	8.94	104	10.09	105	11.24
7254	4500	2535	1.00	2621	1.35	2706	1.68	2790	2.04	2874	2.41	2957	2.83	3039	3.25	3120	3.69	3200	4.13	3279	4.62	3357	5.11	3434	5.60
12325	4600	96	2.40	97	2.91	98	3.47	99	4.06	100	4.68	101	5.34	102	6.09	103	6.94	104	7.89	105	8.94	106	10.09	107	11.24
7694	4700	2658	1.00	2740	1.35	2820	1.68	2900	2.04	2979	2.41	3058	2.83	3136	3.25	3213	3.69	3289	4.13	3364	4.62	3439	5.11	3514	5.60
13072	4800	97	2.60	98	3.13	99	3.74	100	4.39	101	5.09	102	5.84	103	6.64	104	7.54	105	8.54	106	9.64	107	10.74	108	11.84
7914	4900	2720	1.00	2800	1.35	2878	1.68	2956	2.04	3033	2.41	3110	2.83	3186	3.25	3261	3.69	3334	4.13	3406	4.62	3477	5.11	3548	5.60
13446	5000	98	2.60	99	3.13	100	3.74	101	4.39	102	5.09	103	5.84	104	6.64	105	7.54	106	8.54	107	9.64	108	10.74	109	11.84

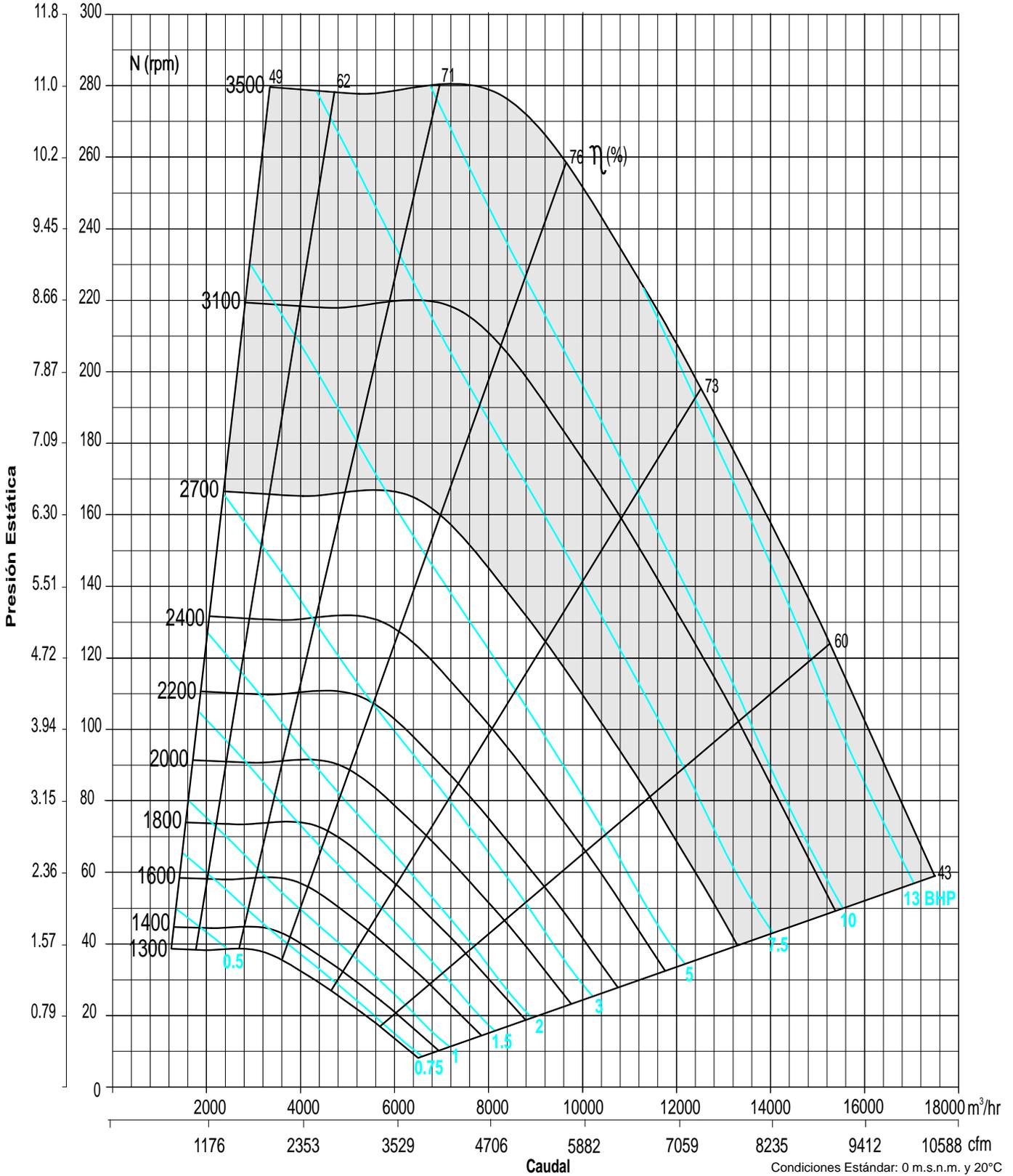
CFM m ³ /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		158.8mm/6.25"		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	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	4.99	91	5.39	92	5.79	93	6.21	94	6.41	95	6.62	96	7.07	97	7.28	98	7.51	99	7.95
3078	1600	2625	4.91	2681	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	90	5.83	91	6.30	92	6.76	93	7.23	94	7.46	95	7.68	96	8.15	97	8.39	98	8.62	99	9.11
3734	2000	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
4482	2200	89	5.67	90	5.91	91	6.40	92	6.89	93	7.39	94	7.90	95	8.15	96	8.41	97	8.93	98	9.19	99	9.44	100	9.96
3078	2400	2706	5.95	2748	6.20	2861	6.69	2940	7.20	3019	7.71	3096	8.23	3135	8.50	3173	8.77	3250	9.31	3289	9.57	3327	9.84	3404	10.4
5230	2600	91	6.25	92	6.49	93	7.00	94	7.51	95	8.05	96	8.58	97	8.85	98	9.12	99	9.67	100	9.95	101	10.2	102	10.8
3734	2800	2774	6.56	2814	6.81	2928	7.32	3004	7.84	3078	8.38	3151	8.93	3187	9.21	3223	9.49	3295	10.1	3330	10.3	3366	10.6	3436	11.2
4482	3000	92	6.89	93	7.15	94	7.67	95	8.18	96	8.76	97	9.31	98	9.59	99	9.88	100	10.4	101	10.7	102	11.0	103	11.6
5056	3200	2850	7.24	2928	7.50	3003	8.03	3076	8.58	3148	9.13	3218	9.71	3253	9.99	3287	10.3	3355	10.8	3389	11.1	3422	11.5	3489	12.1
8590	3400	94	7.60	95	7.87	96	8.42	97	8.98	98	9.55	99	10.1	100	10.4	101	10.7	102	11.3	103	11.				

BDB 355

CURVA CARACTERÍSTICA



in wg mmca



BDB 400



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 406 mm (16 inch)
 Diámetro del eje: Clase I 34.9 mm (1 3/8 inch)
 Clase II 34.9 mm (1 3/8 inch)

Área de salida: 0.256 m² (2.755 ft²)
 BHP máximos: Clase I 8.78, Clase II 18.7

Armazón máx. de motor: Clase I 215T, Clase II 256T
 RPM máximas: Clase I 2500, Clase II 3200
 Peso del equipo: 72 Kg (159 Lbs)

CFM m ³ /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 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
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	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	111	113	115
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	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116
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	79	81	83	85	87	89	91	93	95	97	99	101	103	105	107	109	111	113	115	117	119
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	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101
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	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104
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	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
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	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
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	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
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	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
6611	2400	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	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
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	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
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	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113
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	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
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	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117
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	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
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	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
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	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
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	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98

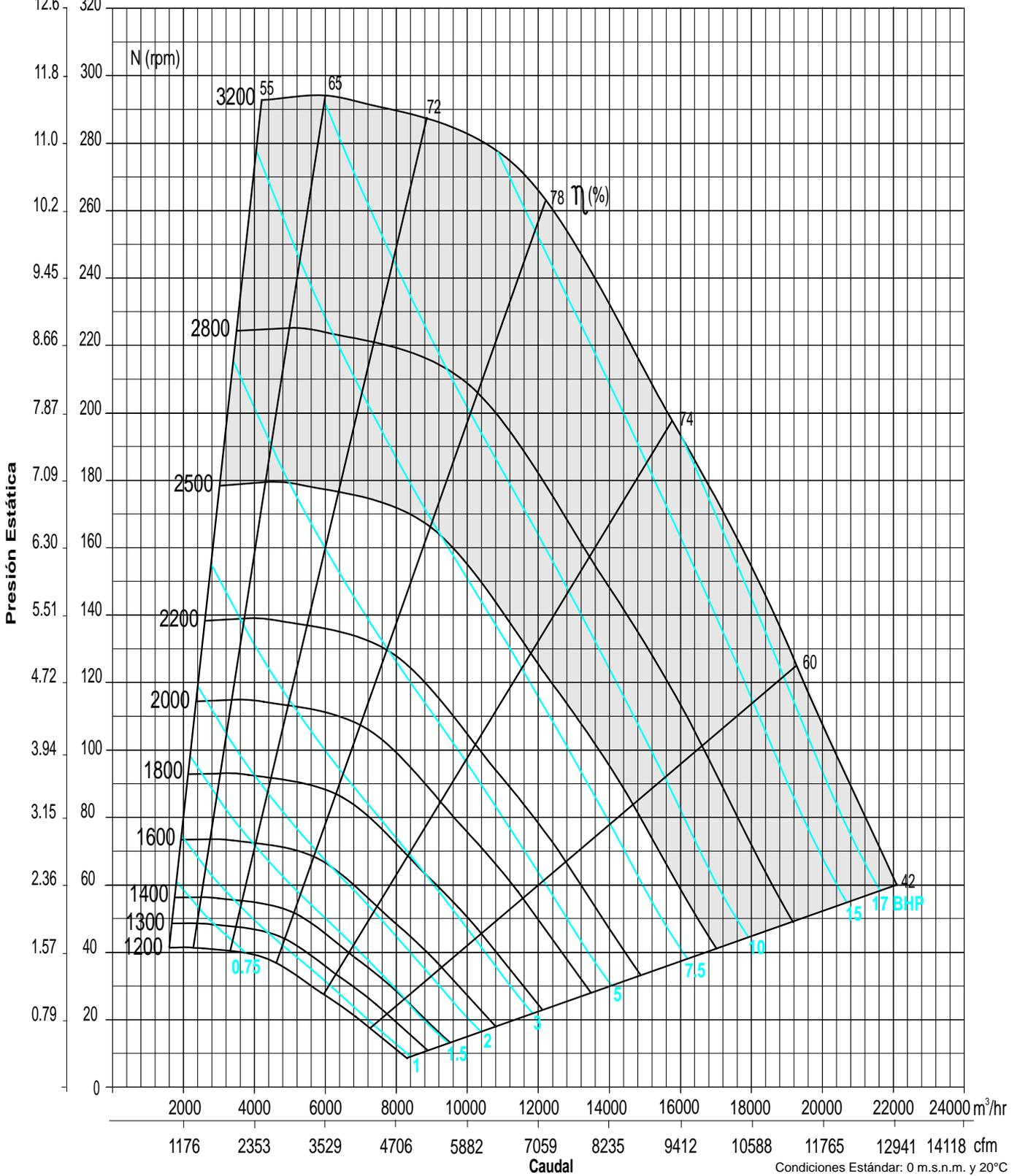
CFM m ³ /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"		279.4mm/11.0"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	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
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	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
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	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
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	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91	91
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	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
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	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
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	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
5509	2000	2517	7.60	2553	7.91	2589	8.21	2660	8.82	2730	9.45	2799	10.1	2867	10.7	2934	11.3	3001	12.0	3068	12.7	3101	13.0	3135	13.4
9360		91	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
5785	2100	2548	7.99	2584	8.29	2619	8.60	2689	9.23	2757	9.87	2824	10.5	2890	11.2	2955	11.8	3020	12.5	3084	13.2	3116	13.5	3148	13.9
9829		92	92	93																					

BDB 400



CURVA CARACTERÍSTICA

in wg mmca
12.6 320



BDB 450



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 455 mm (17 15/16 inch)
 Diámetro del eje: Clase I 34.9 mm (1 3/8 inch)
 Clase II 41.3 mm (1 5/8 inch)

Área de salida: 0.322 m² (3.471 ft²)
 BHP máximos: Clase I 11.0, Clase II 24.1

Armazón máx. de motor: Clase I 215T, Clase II 284TS
 RPM máximas: Clase I 2200, Clase II 2900
 Peso del equipo: 84 Kg (185 Lbs)

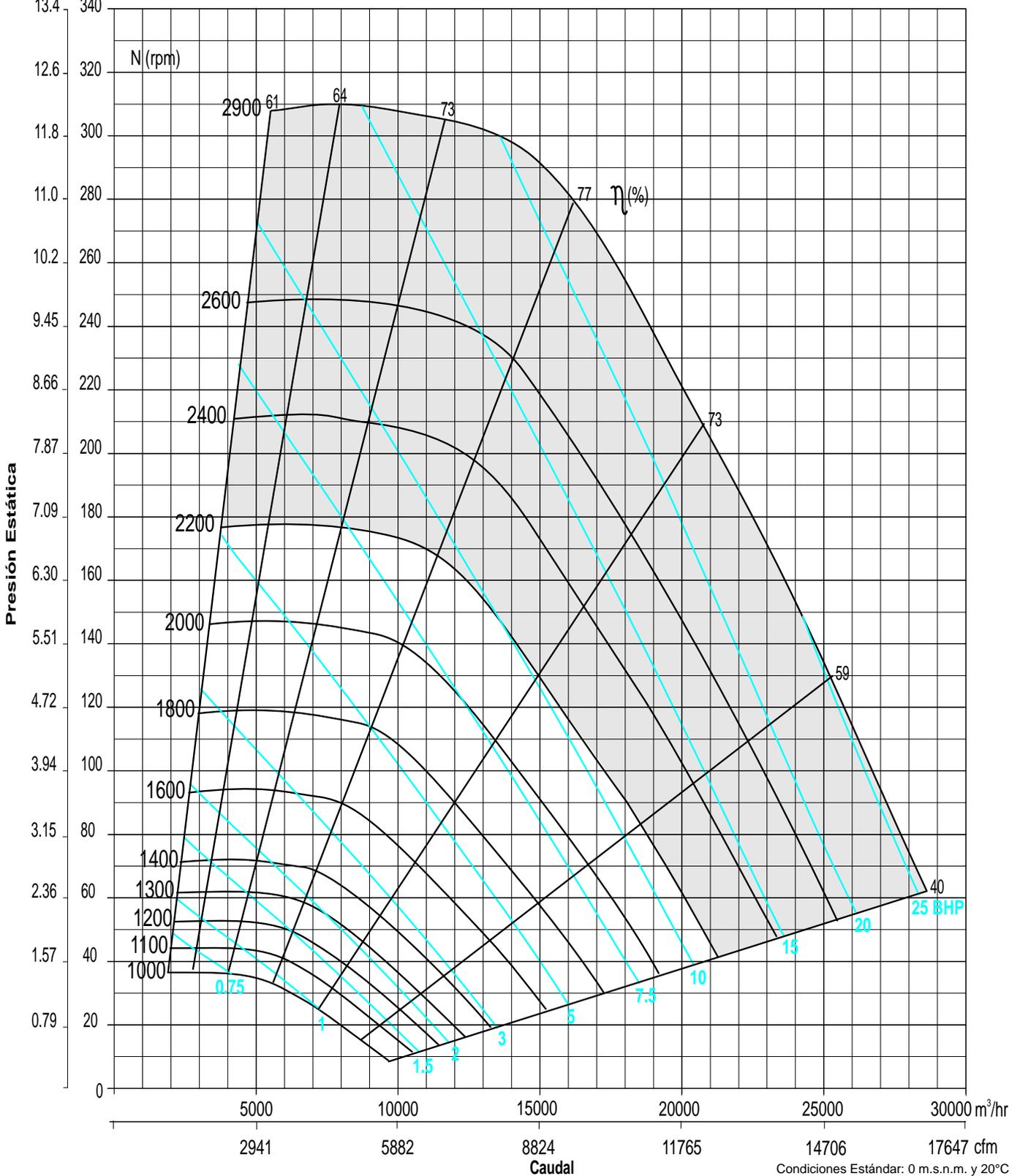
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	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		BHP	0.32	BHP	0.59	BHP	0.90	BHP	1.23	BHP	1.58	BHP	1.94	BHP	2.33	BHP	2.74	BHP	3.16	BHP	3.62	BHP	4.09	BHP	4.57
3471	1000	LwA	0.44	LwA	0.76	LwA	1.11	LwA	1.49	LwA	1.89	LwA	2.31	LwA	2.74	LwA	3.18	LwA	3.62	LwA	4.09	LwA	4.57	LwA	5.08
5897		BHP	0.44	BHP	0.76	BHP	1.11	BHP	1.49	BHP	1.89	BHP	2.31	BHP	2.74	BHP	3.18	BHP	3.62	BHP	4.09	BHP	4.57	BHP	5.08
4165	1200	LwA	0.62	LwA	0.98	LwA	1.37	LwA	1.78	LwA	2.21	LwA	2.68	LwA	3.18	LwA	3.67	LwA	4.18	LwA	4.69	LwA	5.20	LwA	5.74
7076		BHP	0.62	BHP	0.98	BHP	1.37	BHP	1.78	BHP	2.21	BHP	2.68	BHP	3.18	BHP	3.67	BHP	4.18	BHP	4.69	BHP	5.20	BHP	5.74
4860	1400	LwA	0.84	LwA	1.25	LwA	1.68	LwA	2.13	LwA	2.60	LwA	3.10	LwA	3.63	LwA	4.17	LwA	4.75	LwA	5.32	LwA	5.90	LwA	6.49
8257		BHP	0.84	BHP	1.25	BHP	1.68	BHP	2.13	BHP	2.60	BHP	3.10	BHP	3.63	BHP	4.17	BHP	4.75	BHP	5.32	BHP	5.90	BHP	6.49
5554	1600	LwA	1.13	LwA	1.57	LwA	2.04	LwA	2.55	LwA	3.06	LwA	3.59	LwA	4.14	LwA	4.72	LwA	5.32	LwA	5.95	LwA	6.58	LwA	7.24
9436		BHP	1.13	BHP	1.57	BHP	2.04	BHP	2.55	BHP	3.06	BHP	3.59	BHP	4.14	BHP	4.72	BHP	5.32	BHP	5.95	BHP	6.58	BHP	7.24
6248	1800	LwA	1.48	LwA	1.97	LwA	2.48	LwA	3.02	LwA	3.58	LwA	4.17	LwA	4.76	LwA	5.38	LwA	5.99	LwA	6.65	LwA	7.32	LwA	8.01
10615		BHP	1.48	BHP	1.97	BHP	2.48	BHP	3.02	BHP	3.58	BHP	4.17	BHP	4.76	BHP	5.38	BHP	5.99	BHP	6.65	BHP	7.32	BHP	8.01
6595	1900	LwA	1.68	LwA	2.20	LwA	2.72	LwA	3.29	LwA	3.86	LwA	4.48	LwA	5.10	LwA	5.73	LwA	6.37	LwA	7.04	LwA	7.72	LwA	8.42
11205		BHP	1.68	BHP	2.20	BHP	2.72	BHP	3.29	BHP	3.86	BHP	4.48	BHP	5.10	BHP	5.73	BHP	6.37	BHP	7.04	BHP	7.72	BHP	8.42
6942	2000	LwA	1.89	LwA	2.44	LwA	3.00	LwA	3.57	LwA	4.17	LwA	4.80	LwA	5.44	LwA	6.10	LwA	6.77	LwA	7.46	LwA	8.15	LwA	8.86
11794		BHP	1.89	BHP	2.44	BHP	3.00	BHP	3.57	BHP	4.17	BHP	4.80	BHP	5.44	BHP	6.10	BHP	6.77	BHP	7.46	BHP	8.15	BHP	8.86
7289	2100	LwA	2.12	LwA	2.71	LwA	3.29	LwA	3.89	LwA	4.51	LwA	5.15	LwA	5.82	LwA	6.50	LwA	7.20	LwA	7.90	LwA	8.61	LwA	9.33
12384		BHP	2.12	BHP	2.71	BHP	3.29	BHP	3.89	BHP	4.51	BHP	5.15	BHP	5.82	BHP	6.50	BHP	7.20	BHP	7.90	BHP	8.61	BHP	9.33
7637	2200	LwA	2.36	LwA	2.99	LwA	3.61	LwA	4.22	LwA	4.85	LwA	5.53	LwA	6.21	LwA	6.92	LwA	7.63	LwA	8.37	LwA	9.09	LwA	9.84
12975		BHP	2.36	BHP	2.99	BHP	3.61	BHP	4.22	BHP	4.85	BHP	5.53	BHP	6.21	BHP	6.92	BHP	7.63	BHP	8.37	BHP	9.09	BHP	9.84
7984	2300	LwA	2.61	LwA	3.30	LwA	3.94	LwA	4.59	LwA	5.24	LwA	5.91	LwA	6.62	LwA	7.35	LwA	8.10	LwA	8.85	LwA	9.62	LwA	10.4
13565		BHP	2.61	BHP	3.30	BHP	3.94	BHP	4.59	BHP	5.24	BHP	5.91	BHP	6.62	BHP	7.35	BHP	8.10	BHP	8.85	BHP	9.62	BHP	10.4
8331	2400	LwA	2.86	LwA	3.63	LwA	4.30	LwA	4.96	LwA	5.65	LwA	6.34	LwA	7.07	LwA	7.82	LwA	8.58	LwA	9.36	LwA	10.1	LwA	10.9
14154		BHP	2.86	BHP	3.63	BHP	4.30	BHP	4.96	BHP	5.65	BHP	6.34	BHP	7.07	BHP	7.82	BHP	8.58	BHP	9.36	BHP	10.1	BHP	10.9
9025	2600	LwA	3.11	LwA	4.06	LwA	4.82	LwA	5.58	LwA	6.34	LwA	7.10	LwA	7.91	LwA	8.76	LwA	9.62	LwA	10.4	LwA	11.3	LwA	12.1
15333		BHP	3.11	BHP	4.06	BHP	4.82	BHP	5.58	BHP	6.34	BHP	7.10	BHP	7.91	BHP	8.76	BHP	9.62	BHP	10.4	BHP	11.3	BHP	12.1
9719	2800	LwA	3.36	LwA	4.38	LwA	5.19	LwA	5.99	LwA	6.79	LwA	7.59	LwA	8.39	LwA	9.19	LwA	9.99	LwA	10.7	LwA	11.6	LwA	12.4
16513		BHP	3.36	BHP	4.38	BHP	5.19	BHP	5.99	BHP	6.79	BHP	7.59	BHP	8.39	BHP	9.19	BHP	9.99	BHP	10.7	BHP	11.6	BHP	12.4
10414	3000	LwA	3.61	LwA	4.71	LwA	5.54	LwA	6.36	LwA	7.18	LwA	8.00	LwA	8.82	LwA	9.64	LwA	10.4	LwA	11.2	LwA	12.0	LwA	12.8
17693		BHP	3.61	BHP	4.71	BHP	5.54	BHP	6.36	BHP	7.18	BHP	8.00	BHP	8.82	BHP	9.64	BHP	10.4	BHP	11.2	BHP	12.0	BHP	12.8
11108	3200	LwA	3.86	LwA	5.01	LwA	5.86	LwA	6.71	LwA	7.56	LwA	8.41	LwA	9.26	LwA	10.1	LwA	10.9	LwA	11.7	LwA	12.5	LwA	13.3
18872		BHP	3.86	BHP	5.01	BHP	5.86	BHP	6.71	BHP	7.56	BHP	8.41	BHP	9.26	BHP	10.1	BHP	10.9	BHP	11.7	BHP	12.5	BHP	13.3
11802	3400	LwA	4.11	LwA	5.31	LwA	6.14	LwA	6.97	LwA	7.80	LwA	8.63	LwA	9.46	LwA	10.2	LwA	11.0	LwA	11.8	LwA	12.6	LwA	13.4
20052		BHP	4.11	BHP	5.31	BHP	6.14	BHP	6.97	BHP	7.80	BHP	8.63	BHP	9.46	BHP	10.2	BHP	11.0	BHP	11.8	BHP	12.6	BHP	13.4
12149	3500	LwA	4.36	LwA	5.61	LwA	6.46	LwA	7.31	LwA	8.16	LwA	9.01	LwA	9.86	LwA	10.7	LwA	11.5	LwA	12.3	LwA	13.1	LwA	13.9
20641		BHP	4.36	BHP	5.61	BHP	6.46	BHP	7.31	BHP	8.16	BHP	9.01	BHP	9.86	BHP	10.7	BHP	11.5	BHP	12.3	BHP	13.1	BHP	13.9

CFM m ³ /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		BHP	5.32	BHP	5.59	BHP	5.86	BHP	6.13	BHP	6.40	BHP	6.67	BHP	6.94	BHP	7.21	BHP	7.48	BHP	7.75	BHP	8.02	BHP	8.29
3818	1100	LwA	5.93	LwA	6.20	LwA	6.48	LwA	6.76	LwA	7.04	LwA	7.32	LwA	7.60	LwA	7.88	LwA	8.16	LwA	8.44	LwA	8.72	LwA	9.00
6487		BHP	5.93	BHP	6.20	BHP	6.48	BHP	6.76	BHP	7.04	BHP	7.32	BHP	7.60	BHP	7.88	BHP	8.16	BHP	8.44	BHP	8.72	BHP	9.00
4513	1300	LwA	6.68	LwA	6.96	LwA	7.25	LwA	7.54	LwA	7.83	LwA	8.12	LwA	8.41	LwA	8.70	LwA	8.99	LwA	9.28	LwA	9.57	LwA	9.86
7668		BHP	6.68	BHP	6.96	BHP	7.25	BHP	7.54	BHP	7.83	BHP	8.12	BHP	8.41	BHP	8.70	BHP	8.99	BHP	9.28	BHP	9.57	BHP	9.86
5207	1500	LwA	7.50	LwA	7.80	LwA	8.13	LwA	8.46	LwA	8.79	LwA	9.12	LwA	9.45	LwA	9.78	LwA	10.11	LwA	10.44	LwA	10.77	LwA	11.10
8847		BHP	7.50	BHP	7.80	BHP	8.13	BHP	8.46	BHP	8.79	BHP	9.12	BHP	9.45	BHP	9.78	BHP	10.11	BHP	10.44	BHP	10.77	BHP	11.10
5901	1700	LwA	8.30	LwA	8.65	LwA	9.00	LwA	9.35	LwA	9.70	LwA	10.05	LwA	10.40	LwA	10.75	LwA	11.10	LwA	11.45	LwA	11.80	LwA	12.15
10026		BHP	8.30	BHP	8.65	BHP	9.00	BHP	9.35	BHP	9.70	BHP	10.05	BHP	10.40	BHP	10.75	BHP	11.10	BHP	11.45	BHP	11.80	BHP	12.15
6248	1800	LwA	8.72	LwA	9.08	LwA	9.44	LwA	9.80	LwA	10.16	LwA	10.52	LwA	10.88	LwA	11.24	LwA	11.60	LwA	11.96	LwA	12.32	LwA	12.68
10615		BHP	8.72	BHP	9.08	BHP	9.44	BHP	9.80	BHP	10.16	BHP	10.52	BHP	10.88	BHP	11.24	BHP	11.60	BHP	11.96	BHP	12.32	BHP	12.68
6595	1900	LwA	9.15	LwA	9.52	LwA	9.88	LwA	10.25	LwA	10.62	LwA	10.99	LwA	11.36	LwA	11.73	LwA	12.10	LwA	12.47	LwA	12.84	LwA	13.21
11205		BHP</																							

BDB 450

CURVA CARACTERÍSTICA

in wg mmca



BDB 500



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 510 mm (20 1/16 inch) Área de salida: 0.407 m² (4.379 ft²) Armazón máx. de motor: Clase I 254T, Clase II 286T
 Diámetro del eje: Clase I 34.9 mm (1 3/8 inch) BHP máximos: Clase I 13.4, Clase II 26.8 RPM máximas: Clase I 1900, Clase II 2500
 Clase II 44.5 mm (1 3/4 inch) Peso del equipo: 112 Kg (247 Lbs)

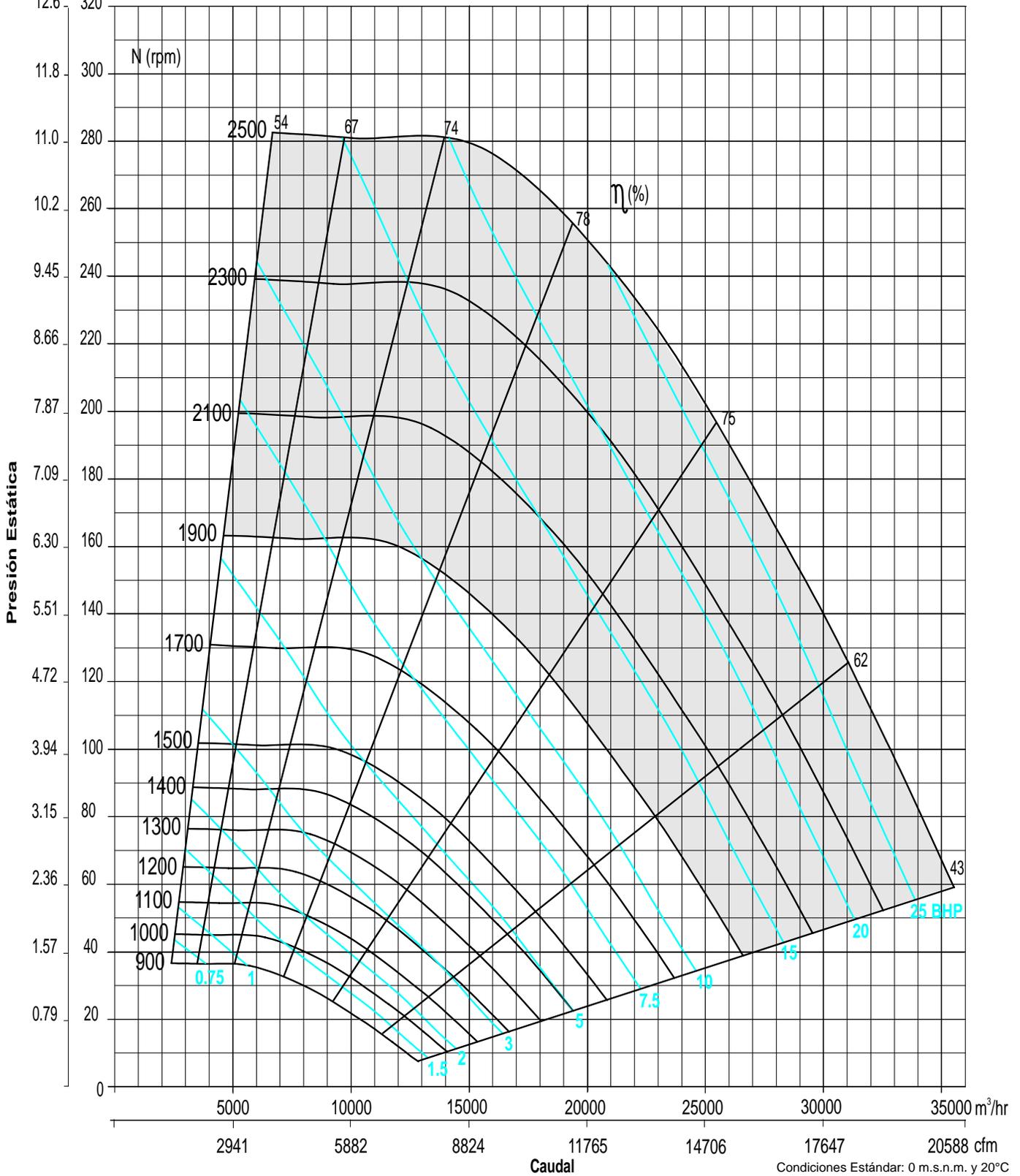
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
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	1000	62	66	70	74	77	79	81	83	84	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
4379	1200	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	1400	66	69	72	75	77	79	81	83	84	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
5255	1600	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	1800	70	73	75	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97
6131	2000	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	2100	74	75	77	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
7007	2200	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	2300	77	78	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
7883	2400	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	2500	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	100	100	100
8759	2600	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	2700	83	83	84	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95
9197	2800	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	2900	84	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96
9635	3000	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	3100	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97
10072	3200	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	2054	13.9
17112	3300	87	87	88	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98
10510	3400	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	2062	14.6
17856	3500	88	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99
10948	3600	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	2108	15.3
18601	3700	89	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100
11824	3800	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	2167	16.8
20089	3900	91	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100
12700	4000	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	2226	18.6	2277	19.7
21577	4100	93	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100
13576	4200	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	2287	20.2	2337	21.4
23066	4300	94	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100
14452	4400	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	2350	22.2	2399	23.5
24554	4500	95	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100
15328	4600	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	2414	24.2	2461	25.6
26042	4700	97	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
15766	4800	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	2448	25.2	2494	26.5
26786	4900	98	98	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

CFM m ³ /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
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	1300	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100
5693	1500	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	1600	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100
6569	1700	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	1800	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100
7007	1900	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	2000	90	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100
7445	2100	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	2200	90	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100
7883	2300	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	2400	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100
8321	2500	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	2600	91	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100
8759	2700	1987	12.1	2017	12.5	2048	13.0	2108	13.9	2167	14.9	2226	15.9	2284</											

BDB 500

CURVA CARACTERÍSTICA

in wg mmca
12.6 320



BDB 560



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 570 mm (22 7/16 inch)
 Diámetro del eje: Clase I 41.3 mm (1 5/8 inch)
 Clase II 44.5 mm (1 3/4 inch)

Área de salida: 0.509 m² (5.485 ft²)
 BHP máximos: Clase I 14.8, Clase II 30.5

Armazón máx. de motor: Clase I 254T, Clase II 286T
 RPM máximas: Clase I 1700, Clase II 2200
 Peso del equipo: 145 Kg (320 Lbs)

CFM m ³ /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
5485	1000	LwA	0.67	LwA	1.15	LwA	1.73	LwA	2.35	LwA	2.99	LwA	3.66	LwA	4.33	LwA	5.03	LwA	5.75	LwA	6.50	LwA	7.27	LwA	8.07
9319			0.67		1.15		1.73		2.35		2.99		3.66		4.33		5.03		5.75		6.50		7.27		8.07
6583	1200	RPM	0.91	RPM	1.46	RPM	2.08	RPM	2.76	RPM	3.49	RPM	4.25	RPM	5.02	RPM	5.81	RPM	6.61	RPM	7.43	RPM	8.26	RPM	9.12
1185			0.91		1.46		2.08		2.76		3.49		4.25		5.02		5.81		6.61		7.43		8.26		9.12
7680	1400	LwA	1.21	LwA	1.86	LwA	2.52	LwA	3.23	LwA	4.02	LwA	4.85	LwA	5.71	LwA	6.60	LwA	7.50	LwA	8.41	LwA	9.33	LwA	10.2
13048			1.21		1.86		2.52		3.23		4.02		4.85		5.71		6.60		7.50		8.41		9.33		10.2
8777	1600	RPM	1.61	RPM	2.32	RPM	3.07	RPM	3.82	RPM	4.64	RPM	5.53	RPM	6.45	RPM	7.40	RPM	8.38	RPM	9.39	RPM	10.4	RPM	11.4
14912			1.61		2.32		3.07		3.82		4.64		5.53		6.45		7.40		8.38		9.39		10.4		11.4
9874	1800	LwA	2.11	LwA	2.86	LwA	3.70	LwA	4.53	LwA	5.38	LwA	6.29	LwA	7.27	LwA	8.29	LwA	9.33	LwA	10.4	LwA	11.5	LwA	12.6
16776			2.11		2.86		3.70		4.53		5.38		6.29		7.27		8.29		9.33		10.4		11.5		12.6
10971	2000	RPM	2.71	RPM	3.50	RPM	4.41	RPM	5.35	RPM	6.28	RPM	7.21	RPM	8.21	RPM	9.27	RPM	10.4	RPM	11.5	RPM	12.7	RPM	13.9
18640			2.71		3.50		4.41		5.35		6.28		7.21		8.21		9.27		10.4		11.5		12.7		13.9
11519	2100	LwA	3.04	LwA	3.88	LwA	4.80	LwA	5.79	LwA	6.77	LwA	7.74	LwA	8.74	LwA	9.82	LwA	10.9	LwA	12.1	LwA	13.3	LwA	14.5
19571			3.04		3.88		4.80		5.79		6.77		7.74		8.74		9.82		10.9		12.1		13.3		14.5
12068	2200	RPM	3.42	RPM	4.28	RPM	5.22	RPM	6.26	RPM	7.28	RPM	8.30	RPM	9.33	RPM	10.4	RPM	11.5	RPM	12.7	RPM	13.9	RPM	15.2
20504			3.42		4.28		5.22		6.26		7.28		8.30		9.33		10.4		11.5		12.7		13.9		15.2
12617	2300	LwA	3.82	LwA	4.72	LwA	5.67	LwA	6.75	LwA	7.83	LwA	8.89	LwA	10.06	LwA	11.10	LwA	12.2	LwA	13.4	LwA	14.6	LwA	15.9
21436			3.82		4.72		5.67		6.75		7.83		8.89		10.06		11.10		12.2		13.4		14.6		15.9
13165	2400	RPM	5.20	RPM	6.17	RPM	7.25	RPM	8.39	RPM	9.51	RPM	10.6	RPM	11.7	RPM	12.9	RPM	14.1	RPM	15.2	RPM	16.6	RPM	18.2
22367			5.20		6.17		7.25		8.39		9.51		10.6		11.7		12.9		14.1		15.2		16.6		18.2
13714	2500	LwA	5.71	LwA	6.71	LwA	7.80	LwA	8.98	LwA	10.1	LwA	11.3	LwA	12.5	LwA	13.6	LwA	14.8	LwA	16.1	LwA	17.4	LwA	18.8
23300			5.71		6.71		7.80		8.98		10.1		11.3		12.5		13.6		14.8		16.1		17.4		18.8
14262	2600	RPM	6.26	RPM	7.28	RPM	8.39	RPM	9.60	RPM	10.8	RPM	12.0	RPM	13.2	RPM	14.4	RPM	15.7	RPM	17.0	RPM	18.5	RPM	20.1
24231			6.26		7.28		8.39		9.60		10.8		12.0		13.2		14.4		15.7		17.0		18.5		20.1
15359	2800	LwA	7.48	LwA	8.57	LwA	9.70	LwA	10.9	LwA	12.2	LwA	13.6	LwA	15.0	LwA	16.2	LwA	17.5	LwA	18.8	LwA	20.1	LwA	21.6
26095			7.48		8.57		9.70		10.9		12.2		13.6		15.0		16.2		17.5		18.8		20.1		21.6
16456	3000	RPM	10.0	RPM	11.2	RPM	12.4	RPM	13.8	RPM	15.2	RPM	16.7	RPM	18.1	RPM	19.4	RPM	20.8	RPM	22.2	RPM	23.7	RPM	25.3
27959			10.0		11.2		12.4		13.8		15.2		16.7		18.1		19.4		20.8		22.2		23.7		25.3
17553	3200	LwA	11.6	LwA	12.9	LwA	14.2	LwA	15.6	LwA	17.0	LwA	18.5	LwA	20.0	LwA	21.5	LwA	23.0	LwA	24.5	LwA	26.0	LwA	27.6
29823			11.6		12.9		14.2		15.6		17.0		18.5		20.0		21.5		23.0		24.5		26.0		27.6
18651	3400	RPM	13.4	RPM	14.8	RPM	16.1	RPM	17.5	RPM	18.9	RPM	20.3	RPM	21.7	RPM	23.1	RPM	24.5	RPM	25.9	RPM	27.4	RPM	28.9
31688			13.4		14.8		16.1		17.5		18.9		20.3		21.7		23.1		24.5		25.9		27.4		28.9
19748	3600	LwA	15.4	LwA	16.9	LwA	18.2	LwA	19.6	LwA	21.0	LwA	22.4	LwA	23.8	LwA	25.2	LwA	26.6	LwA	28.0	LwA	29.5	LwA	31.0
33552			15.4		16.9		18.2		19.6		21.0		22.4		23.8		25.2		26.6		28.0		29.5		31.0
20296	3700	RPM	16.5	RPM	17.9	RPM	19.4	RPM	20.9	RPM	22.4	RPM	23.9	RPM	25.4	RPM	26.9	RPM	28.4	RPM	29.9	RPM	31.4	RPM	32.9
34483			16.5		17.9		19.4		20.9		22.4		23.9		25.4		26.9		28.4		29.9		31.4		32.9

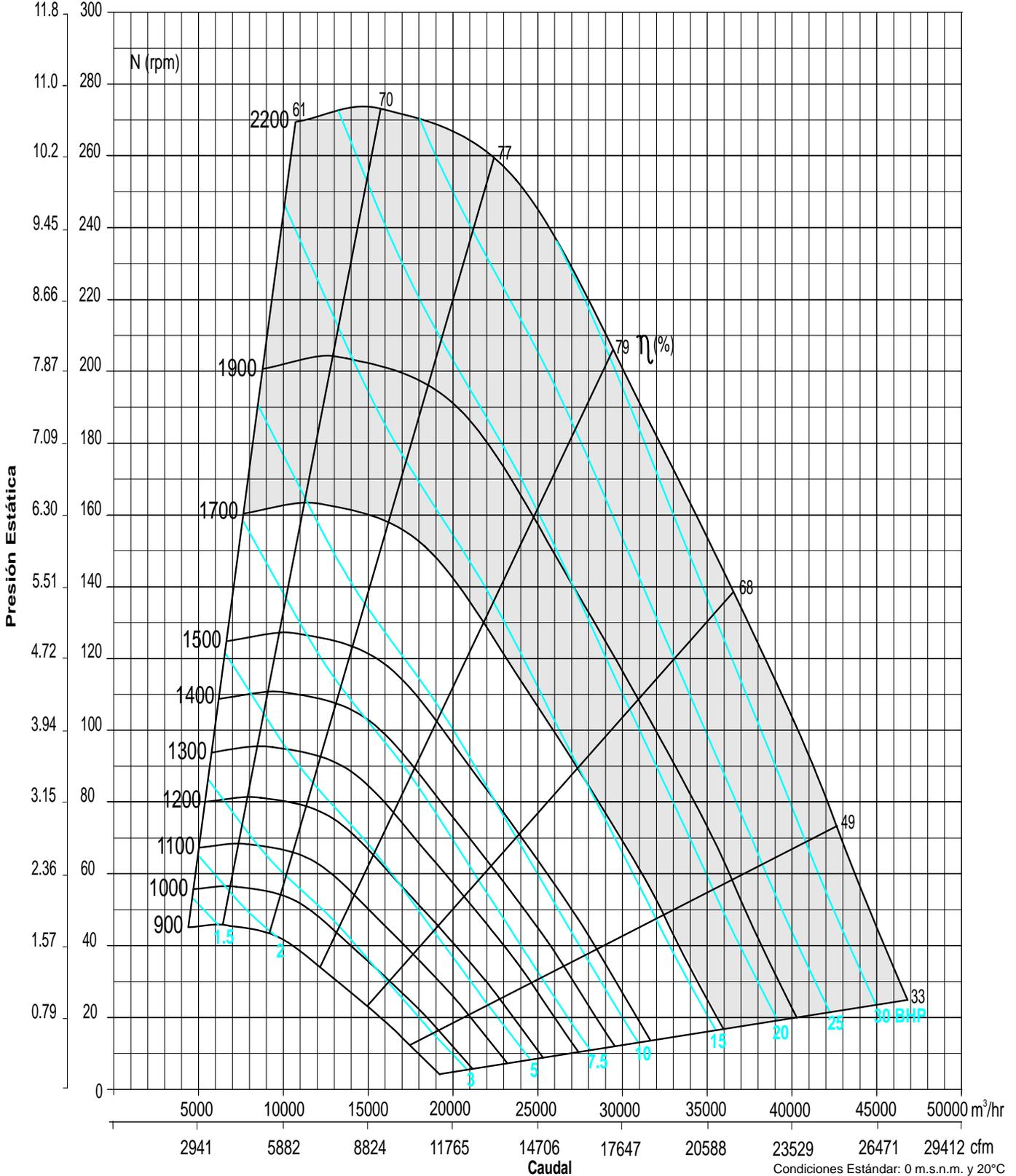
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7131	1300	LwA	10.6	LwA	11.0	LwA	11.5	LwA	12.4	LwA	13.4	LwA	14.4	LwA	14.9	LwA	15.4	LwA	16.4	LwA	16.9	LwA	17.4	LwA	18.5
12116			10.6		11.0		11.5		12.4		13.4		14.4		14.9		15.4		16.4		16.9		17.4		18.5
8228	1500	RPM	11.8	RPM	12.3	RPM	12.8	RPM	13.9	RPM	14.9	RPM	15.9	RPM	16.5	RPM	16.9	RPM	18.0	RPM	18.6	RPM	19.1	RPM	20.2
13979			11.8		12.3		12.8		13.9		14.9		15.9		16.5		16.9		18.0		18.6		19.1		20.2
9325	1700	LwA	13.1	LwA	13.7	LwA	14.2	LwA	15.3	LwA	16.4	LwA	17.6	LwA	18.6	LwA	18.7	LwA	19.9	LwA	20.8	LwA	21.0	LwA	21.9
15843			13.1		13.7		14.2		15.3		16.4		17.6		18.6		18.7		19.9		20.8		21.0		21.9
9874	1800	RPM	13.7	RPM	14.3	RPM	14.9	RPM	16.1	RPM	17.2	RPM	18.4	RPM	19.0	RPM	19.6	RPM	20.8	RPM	21.4	RPM	22.0	RPM	23.2
16776			13.7		14.3		14.9		16.1		17.2		18.4		19.0		19.6		20.8		21.4		22.0		23.2
10422	1900	LwA	14.4	LwA	14.9	LwA	15.6	LwA	16.8	LwA	18.0	LwA	19.2	LwA	19.8	LwA	20.5	LwA	21.7	LwA	22.4	LwA	22.9	LwA	24.2
17707			14.4		14.9		15.6		16.8		18.0		19.2		19.8		20.5		21.7		22.4		22.9		24.2
10971	2000	RPM	15.1	RPM	15.7	RPM	16.3	RPM	17.5	RPM	18.8	RPM	20.1	RPM	20.7	RPM	21.3	RPM	22.6	RPM	23.3	RPM	23.9	RPM	25.3
18640			15.1		15.7		16.3		17.5		18.8		20.1		20.7		21.3		22.6		23.3		23.9		25.3
11519	2100	LwA	15.7	LwA	16.4	LwA	17.0	LwA	18.3	LwA	19.6	LwA	20.9	LwA	21.2	LwA	21.6	LwA	23.0	LwA	23.6	LwA	24.2	LwA	25.3
19571			15.7		16.4		17.0		18.3		19.6		20.9		21.2		21.6		23.0		23.6		24.2		25.3
12068	2200	RPM	16.5	RPM	17.1	RPM	17.8	RPM	19.1	RPM	20.4	RPM	21.8	RPM	22.4	RPM	23.0	RPM	24.5	RPM	25.2	RPM	25.9	RPM	27.3
20504			16.5		17.1		17.8		19.1		20.4		21.8		22.4		23.0		24.5		25.2		25.9		27.3
12617	2300	LwA	17.2	LwA	17.8	LwA	18.5	LwA	19.9	LwA	21.2	LwA	22.6	LwA	23.3	LwA	23.8	LwA	25.5	LwA	26.2	LwA	26.9	LwA	28.2
21436			17.2		17.8		18.5		19.9		21.2		22.6		23.3		23.8		25.5		26.2		26.9		28.2
13165	2400	RPM	17.9	RPM	18.6	RPM	19.0	RPM	20.7	RPM	22.1	RPM	23.5	RPM	24.2	RPM	24.8	RPM	26.4	RPM	27.2	RPM	27.9	RPM	29.3
22367			17.9		18.6		19.0		20.7		22.1		23.5		24.2		24.8		26.4		27.2		27.9		29.3
13714	2500	LwA	18.8	LwA	19.4	LwA	20.1	LwA	21.5	LwA	23.0	LwA	24.5	LwA	25.2	LwA	25.9	LwA	27.4	LwA	28.2	LwA			

BDB 560



CURVA CARACTERÍSTICA

in wg mmca



BDB 630



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 640 mm (25 3/16 inch) Área de salida: 0.640 m² (6.886 ft²) Armazón máx. de motor: Clase I 256T, Clase II 324T
 Diámetro del eje: Clase I 44.5 mm (1 3/4 inch) BHP máximos: Clase I 18.8, Clase II 40.5 RPM máximas: Clase I 1500, Clase II 2000
 Clase II 50.8 mm (2 inch) Peso del equipo: 183 Kg (403 Lbs)

CFM m ³ /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
6198	900	512	0.71	640	1.29	747	1.92	850	2.59	951	3.30	1047	4.05	1134	4.83	1213	5.67	1287	6.56	1357	7.47	1423	8.44	1485	9.43		
10530		66	69	73		76		79		82		84		86		88		90		91		92		92		92	
7575	1100	562	0.97	683	1.64	783	2.37	873	3.14	957	3.93	1041	4.76	1124	5.61	1205	6.50	1282	7.42	1354	8.37	1422	9.37	1486	10.4		
12870		70	72	75		77		79		82		84		86		88		90		91		92		92		92	
8952	1300	616	1.27	730	2.07	825	2.88	911	3.74	988	4.64	1061	5.55	1132	6.50	1203	7.47	1274	8.48	1344	9.49	1413	10.5	1479	11.6		
15209		73	75	77		79		81		82		84		85		88		90		91		92		92		92	
10330	1500	675	1.69	781	2.56	872	3.49	953	4.43	1028	5.42	1097	6.44	1162	7.48	1225	8.54	1287	9.63	1348	10.7	1410	11.9	1471	13.0		
17551		76	78	80		81		83		84		85		86		88		90		91		92		92		92	
11707	1700	737	2.24	834	3.14	921	4.18	999	5.22	1071	6.29	1137	7.40	1201	8.56	1261	9.72	1318	10.9	1373	12.1	1428	13.3	1482	14.5		
19890		79	81	82		84		85		86		86		87		88		90		91		92		92		92	
13084	1900	802	2.91	889	3.82	973	4.96	1048	6.13	1117	7.30	1181	8.49	1242	9.72	1300	10.9	1356	12.3	1409	13.6	1461	14.9	1511	16.2		
22230		82	83	85		86		87		88		88		89		89		90		90		91		92		92	
13773	2000	835	3.29	918	4.22	999	5.39	1073	6.62	1141	7.84	1204	9.08	1264	10.3	1321	11.6	1376	12.9	1429	14.3	1479	15.7	1528	17.1		
23400		84	85	86		87		88		88		89		89		90		90		91		92		92		92	
14461	2100	868	3.70	948	4.68	1026	5.85	1099	7.13	1166	8.42	1228	9.71	1287	11.0	1343	12.3	1397	13.7	1449	15.1	1499	16.6	1547	18.0		
24569		85	86	87		88		89		89		90		90		91		91		92		92		93		93	
15150	2200	902	4.16	979	5.18	1053	6.33	1125	7.67	1191	9.03	1252	10.4	1310	11.7	1365	13.1	1418	14.5	1470	15.9	1519	17.4	1567	18.9		
25740		86	87	88		89		90		90		91		91		92		92		92		93		93		93	
15839	2300		1010	5.71	1081	6.87	1151	8.23	1216	9.67	1277	11.1	1334	12.5	1388	13.9	1441	15.4	1491	16.8	1540	18.4	1587	19.9			
26910			88	89		90		91		91		91		92		92		92		93		93		94		94	
16527	2400		1041	6.30	1110	7.46	1178	8.84	1242	10.3	1302	11.8	1358	13.2	1412	14.7	1463	16.2	1513	17.8	1561	19.3	1608	20.9			
28079			89	90		91		91		92		92		93		93		94		94		95		95		95	
17905	2600		1106	7.60	1170	8.80	1233	10.1	1294	11.7	1353	13.3	1408	14.9	1460	16.5	1511	18.1	1559	19.7	1606	21.3	1651	23.0			
30421			91	92		92		92		93		93		94		95		95		96		96		96		96	
19282	2800		1171	9.08	1231	10.4	1290	11.7	1349	13.3	1405	14.9	1459	16.7	1511	18.4	1560	20.1	1607	21.9	1652	23.6	1696	25.3			
32760			93	93		94		94		94		95		95		96		96		97		97		97		97	
20659	3000			1295	12.1	1350	13.5	1405	15.1	1459	16.8	1511	18.6	1562	20.5	1610	22.3	1656	24.2	1701	26.0	1744	27.8				
35100				95		95		95		96		96		97		97		98		98		99		99		99	
22036	3200			1359	14.1	1412	15.6	1463	17.1	1514	18.8	1565	20.7	1614	22.7	1661	24.7	1707	26.6	1750	28.6	1793	30.5				
37439				96		97		97		97		98		98		99		99		99		100		100		100	
23414	3400			1425	16.3	1475	17.9	1523	19.5	1572	21.2	1620	23.0	1667	25.1	1713	27.1	1758	29.3	1801	31.4	1843	33.4				
39780				98		98		98		99		99		99		100		100		101		101		101		101	
24791	3600			1491	18.8	1539	20.4	1585	22.1	1631	23.8	1677	25.7	1722	27.7	1767	29.8	1810	32.0	1853	34.3	1894	36.5				
42120				99		99		100		100		100		101		101		101		102		102		102		102	
25480	3700			1525	20.1	1571	21.8	1617	23.5	1661	25.2	1706	27.1	1750	29.1	1794	31.2	1837	33.5	1879	35.8	1919	38.1				
43291				100		100		100		101		101		101		102		102		102		103		103		103	

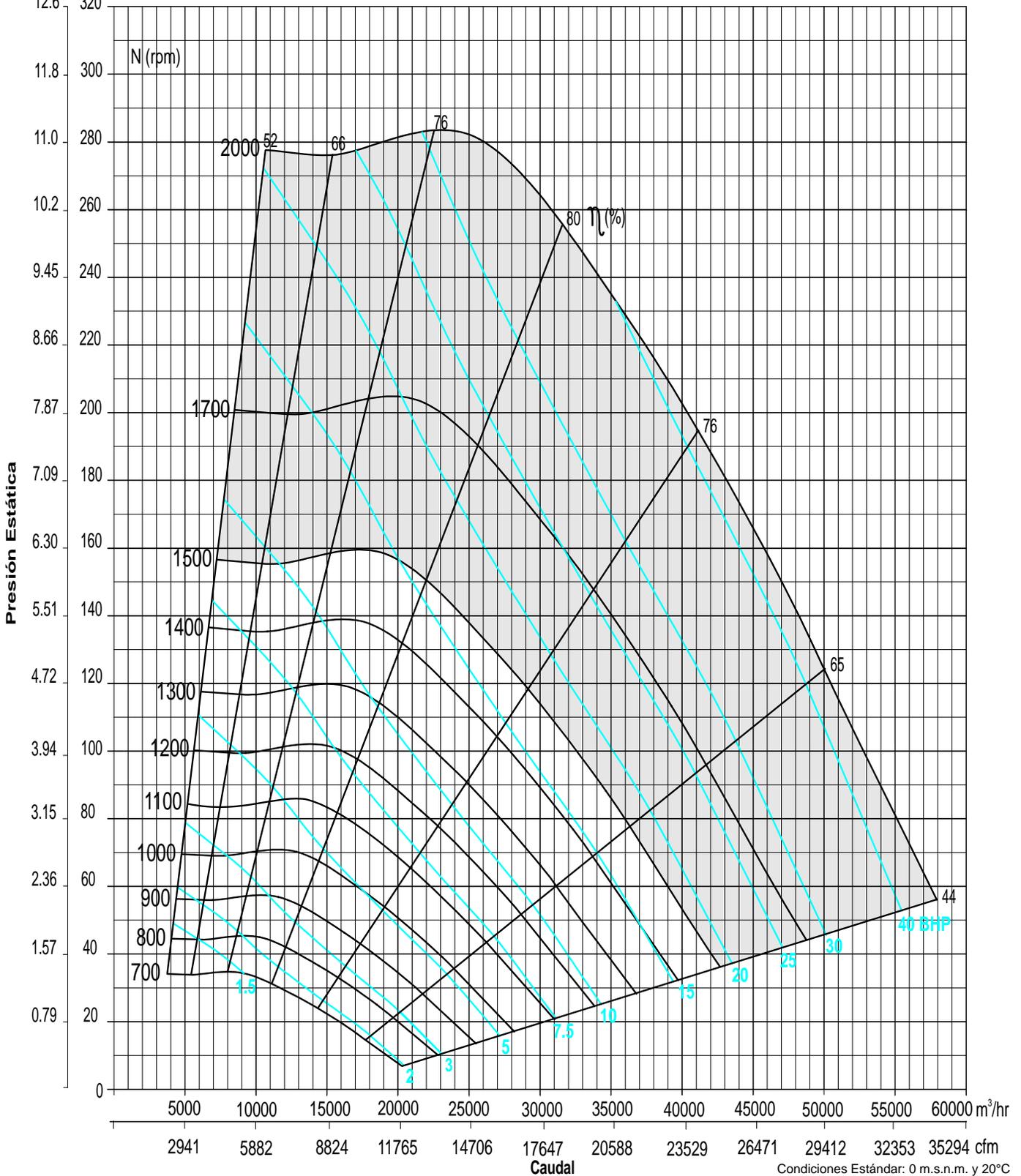
CFM m ³ /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																									
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
7575	1100	1547	11.5	1577	12.0	1606	12.6	1662	13.7	1715	14.9	1768	16.1	1819	17.3	1869	18.5	1891	19.2	1916	19.8	1964	21.1	1986	21.8		
12870		93	94	94		95		96		97		97		98		98		98		98		99		99		99	
8952	1300	1542	12.7	1573	13.3	1603	13.9	1660	15.0	1716	16.2	1769	17.5	1820	18.7	1870	20.0	1895	20.7	1919	21.3	1966	22.7	1987	23.4		
15209		93	94	94		95		96		96		97		97		98		98		98		99		99		99	
10330	1500	1532	14.2	1562	14.8	1592	15.4	1651	16.6	1708	17.9	1763	19.1	1816	20.4	1867	21.8	1892	22.4	1917	23.1	1965	24.5	1989	25.2		
17551		93	94	94		95		96		96		97		97		98		98		98		99		99		99	
11707	1700	1536	15.8	1563	16.5	1590	17.1	1645	18.4	1699	19.7	1753	21.1	1806	22.4	1857	23.8	1882	24.5	1908	25.2	1958	26.6	1982	27.4		
19890		93	94	94		95		96		96		97		97		98		98		98		99		99		99	
12396	1800	1546	16.7	1572	17.3	1597	18.0	1648	19.4	1700	20.7	1751	22.1	1801	23.5	1853	24.9	1878	25.7	1903	26.4	1952	27.8	1976	28.6		
21061		93	94	94		95		96		96		97		97		98		98		98		99		99		99	
13084	1900	1560	17.6	1584	18.2	1609	18.9	1657	20.3	1705	21.7	1754	23.2	1802	24.6	1851	26.1	1875	26.8	1899	27.6	1948	29.1	1971	29.8		
22230		93	93	94		95		96		96		97		97		98		98		98		99		99		99	
13773	2000	1576	18.5	1600	19.2	1623	19.9	1670	21.3	1716	22.8	1762	24.3	1808	25.8	1854	27.3	1877	28.1	1900	28.8	1946	30.4	1969	31.1		
23400		93	93	94		95		95		96		96		97		98		98		98		99		99		99	
14461	2100	1594	19.5	1617	20.2	1640	20.9	1685	22.4	1729	23.9	1774	25.4	1817	26.9	1861	28.5	1883	29.3	1905	30.1	1949	31.7	1971	32.5		
24569		93	94	94		95		95		96		96		97		98		98		98		99		99		99	
15150	2200	1613	20.4	1636	21.2	1658	21.9	1702	23.5	1745	25.0	1788	26.6	1830	28.2	1872	29.8	1893	30.6	1914	31.4	1956	33.0	1977	33.9		
25740		94	94	94		95		96		96		97		97		98		98		98		99		99		99	
15839	2300	1633	21.5	1655	22.2	1677	23.0	1721	24.6	1763	26.2	1805	27.8	1846	29.4	1886	31.1	1907	31.9	1927	32.8	1967	34.4	1987	35.3		
26910		94	94	95		95		96		96																	

BDB 630



CURVA CARACTERÍSTICA

in wg mmca
12.6 320



BDB 710



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 718 mm (28 1/4 inch)
 Diámetro del eje: Clase I 50.8 mm (2 inch)
 Clase II 57.2 mm (2 1/4 inch)

Área de salida: 0.806 m² (8.677 ft²)
 BHP máximos: Clase I 24.1, Clase II 52.7

Armazón máx. de motor: Clase I 284T, Clase II 326T
 RPM máximas: Clase I 1350, Clase II 1800
 Peso del equipo: 218 Kg (481 Lbs)

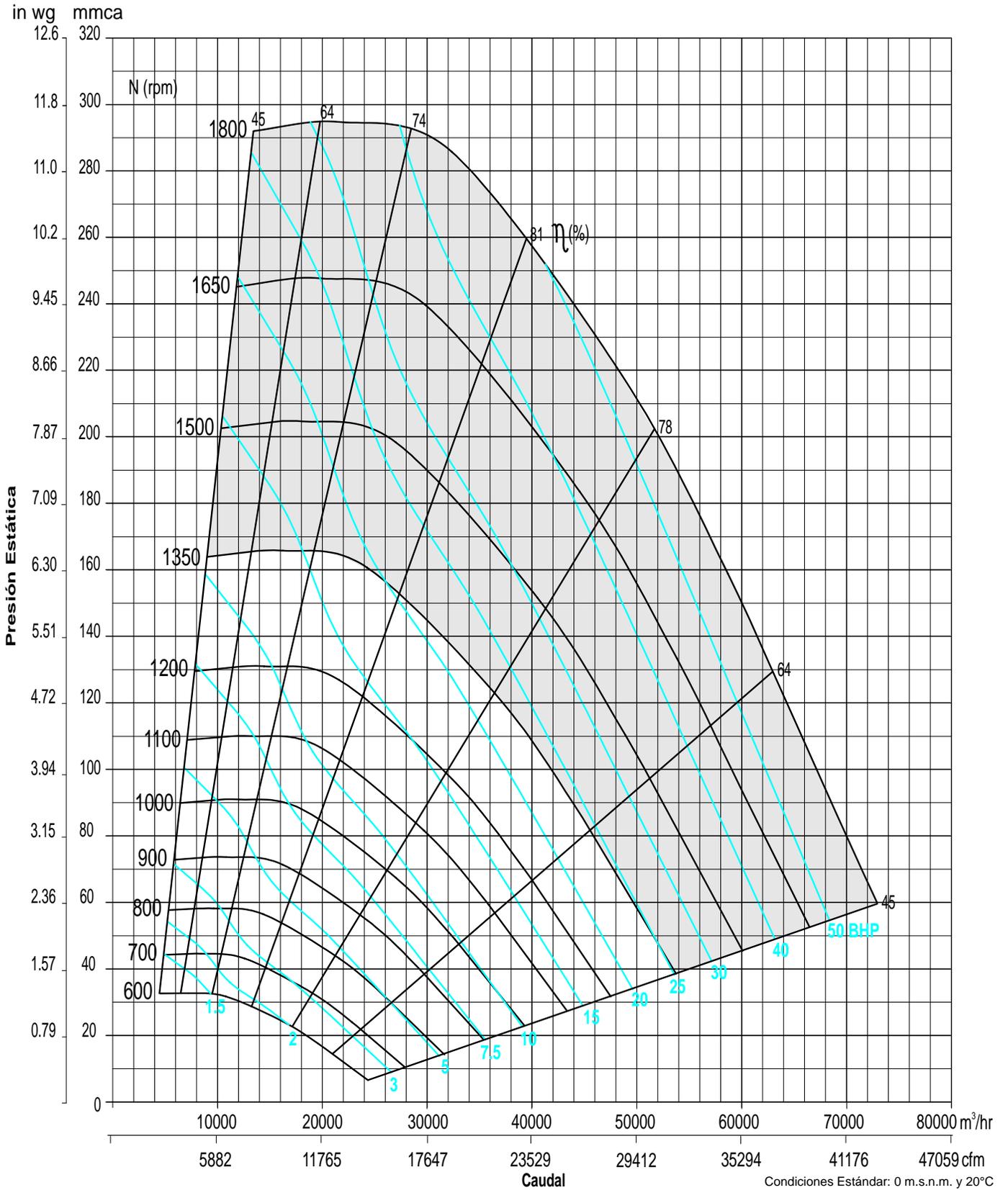
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
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	89	90	91	92	93	94	95	96	97	98	99	100	101	102
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	88	89	90	91	92	93	94	95	96	97	98	99	100	101
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	89	90	91	92	93	94	95	96	97	98	99	100	101	102
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	82	83	84	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101
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	83	84	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
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	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104
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	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
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	86	87	88	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
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	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
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	1449	26.4
33907		88	88	88	89	90	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
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	1469	27.7
35380		89	89	89	90	91	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
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	1509	30.7
38329		91	91	91	92	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
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	1551	33.9
41277		94	93	93	94	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113
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	35.0	1593	37.4	1630	39.3
44227		95	95	95	96	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
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	1638	40.7	1674	43.1
47174		97	97	97	98	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117
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	1684	44.3	1720	46.7
50122		98	98	98	99	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
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	1694	45.9	1730	48.4	1765	50.9
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	1752	50.6	1787	53.0
54545		101	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

CFM m ³ /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
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	93	93	94	94	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103
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	93	93	94	94	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103
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	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103
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	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103
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	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103
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	38.4
28010		92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103
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	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104
18221	2100	1415	24.2	1436	25.2	1457	26.2	1499	28.2																

BDB 710



CURVA CARACTERÍSTICA



BDB 800



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 808 mm (31 13/16 inch)
 Diámetro del eje: Clase I 57.2 mm (2 1/4 inch)
 Clase II 63.5 mm (2 1/2 inch)

Área de salida: 1.012 m² (10.89 ft²)
 BHP máximos: Clase I 29.5, Clase II 67.0

Armazón máx. de motor: Clase I 286T, Clase II 365T
 RPM máximas: Clase I 1200, Clase II 1600
 Peso del equipo: 305 Kg (672 Lbs)

CFM m ³ /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	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		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		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		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		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		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		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		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		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		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		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		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		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		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		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		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		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		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		104	

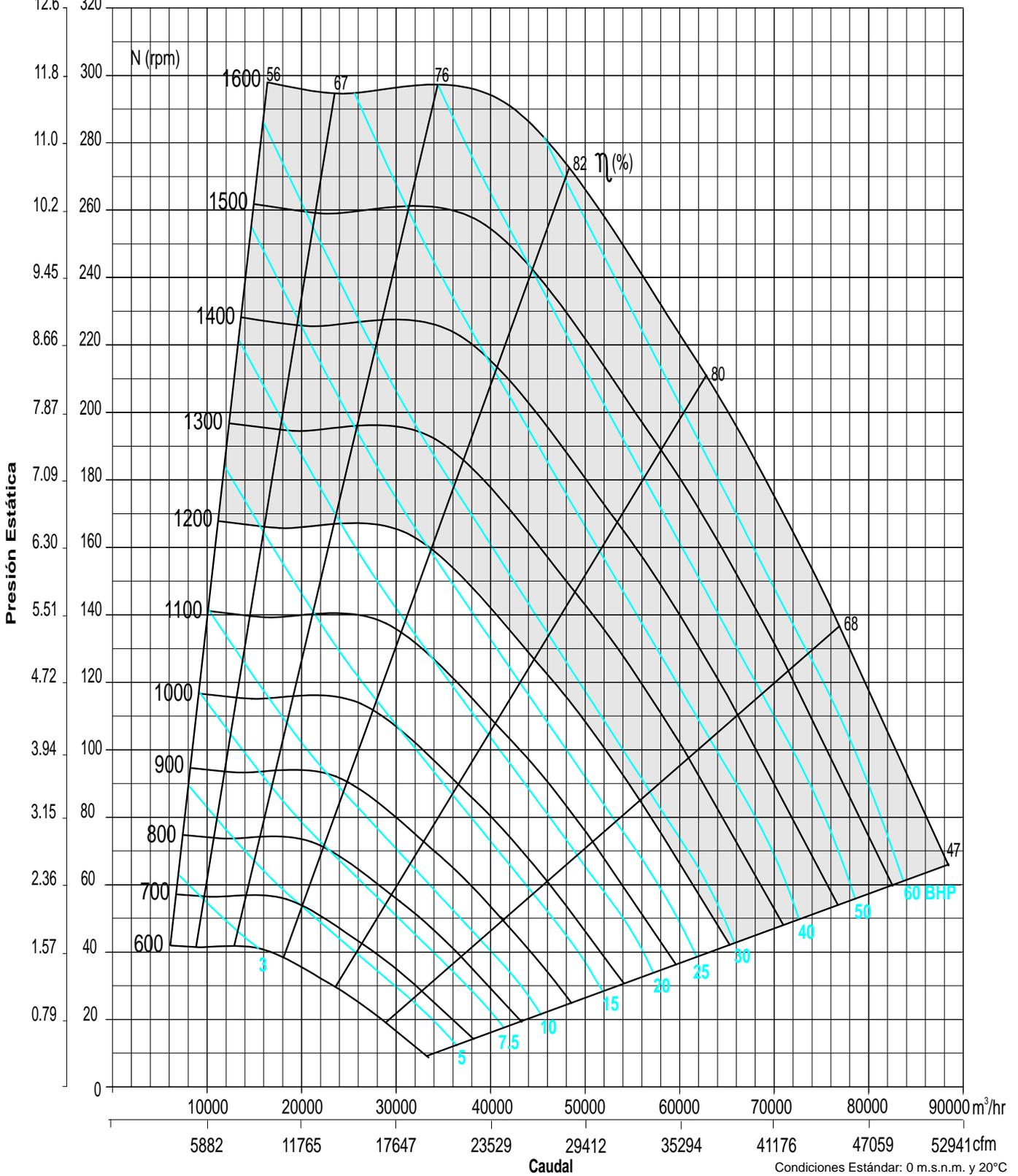
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																									
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		279.4mm/11.0"		285.8mm/11.25"			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	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		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		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		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		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		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		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		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		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		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																											

BDB 800



CURVA CARACTERÍSTICA

in wg mmca
12.6 320



BDB 900



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 905 mm (35 5/8 inch)
 Diámetro del eje: Clase I 63.5 mm (2 1/2 inch)
 Clase II 69.9 mm (2 3/4 inch)

Área de salida: 1.276 m² (13.74 ft²)
 BHP máximos: Clase I 40.2, Clase II 77.8

Armazón máx. de motor: Clase I 324T, Clase II 365T
 RPM máximas: Clase I 1050, Clase II 1400
 Peso del equipo: 455 Kg (1003 Lbs)

CFM m ³ /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	87	88	90	91	93	94	95	96	97	98	99	100	101	102	103	104	105
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	87	87	88	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
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	88	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
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	90	91	91	91	91	92	92	93	94	95	96	97	98	99	100	101	102	103	104	105
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	37.8	1140	40.6
53690		90	91	91	91	91	92	92	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108
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	1155	42.9
56025		91	92	92	92	92	93	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
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	1170	45.4
58359		92	93	93	93	93	94	94	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110
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	1200	49.7
63026		94	94	95	95	95	96	96	96	97	97	97	98	98	99	99	100	100	101	101	101	102	102	103	103
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	1232	54.8	1260	58.6
67695		96	97	97	97	97	98	98	98	99	99	99	100	100	101	101	101	102	102	102	103	103	104	104	105
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	1268	59.7	1296	63.5
72364		98	98	99	99	99	100	100	100	101	101	101	102	102	102	103	103	103	104	104	104	105	105	106	106
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	1305	65.2	1332	68.7
77033		99	100	100	100	100	101	101	101	101	102	102	102	103	103	103	104	104	104	105	105	106	106	107	107
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	1340	71.2	1367	74.9
81702		101	101	101	101	102	102	102	102	103	103	103	104	104	104	105	105	105	106	106	106	107	107	108	108
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	1360	74.6	1387	78.3
84036		102	102	102	102	102	103	103	103	103	104	104	104	105	105	105	106	106	106	107	107	107	108	108	109

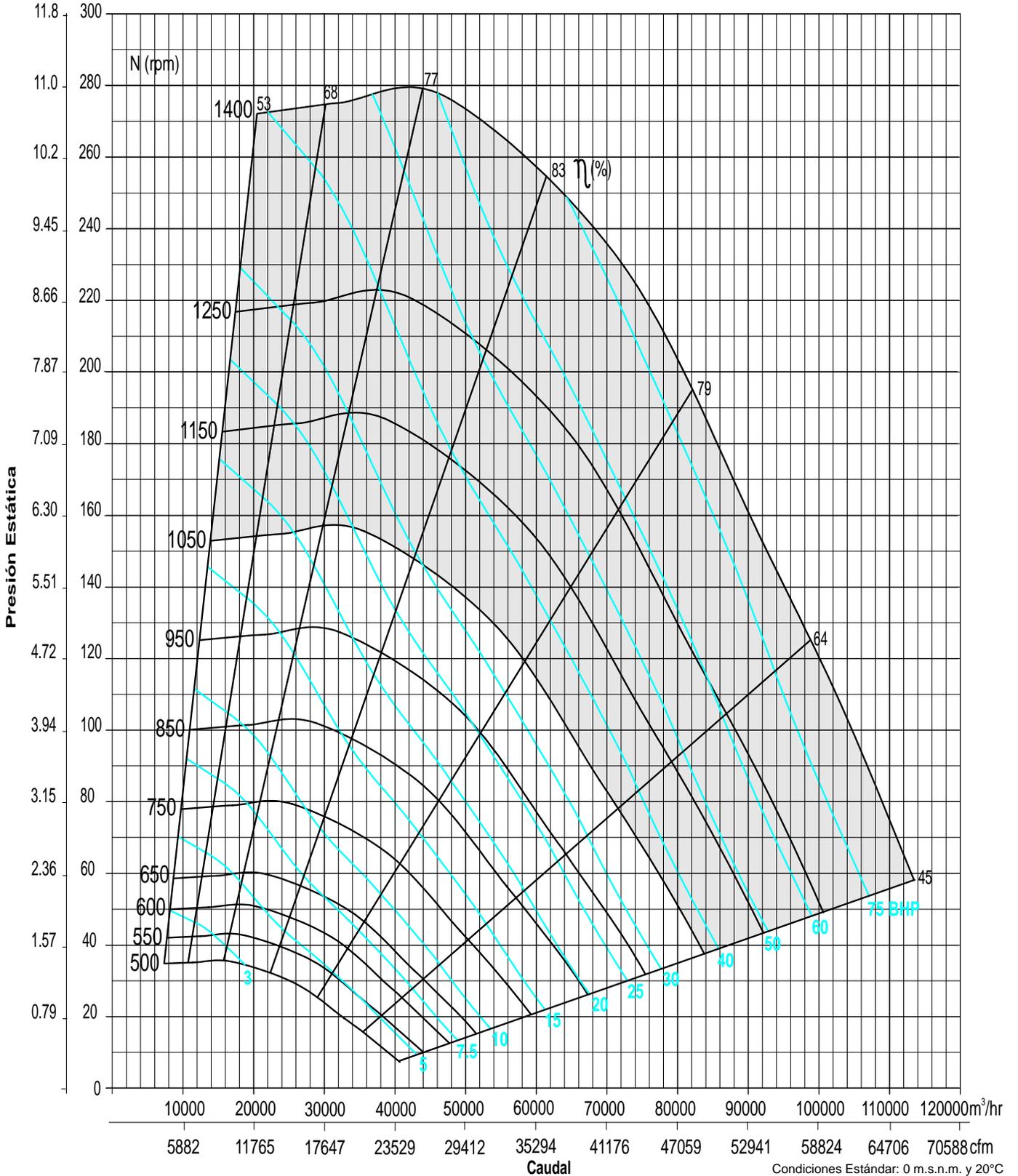
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		273.1mm/10.75"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	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	42.6
25677		94	94	95	95	96	97	97	98	98	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
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	1418	44.5
30346		94	94	95	95	96	97	97	98	98	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
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	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
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	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
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	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
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	95	96	97	97	98	98	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
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	95	96	97	97	98	98	98	98	99	99	99	100	100	100	101	101	101	101	102	102	
28853	2100	1117	37.4																						

BDB 900



CURVA CARACTERÍSTICA

in wg mmca



BDB 1000



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1000 mm (39 3/8 inch)
 Diámetro del eje: Clase I 69.9 mm (2 3/4 inch)
 Clase II 76.2 mm (3 inch)

Área de salida: 1.602 m² (17.25 ft²)
 BHP máximos: Clase I 48.8, Clase II 102.6

Armazón máx. de motor: Clase I 326T, Clase II 405T
 RPM máximas: Clase I 1000, Clase II 1300
 Peso del equipo: 527 Kg (1162 Lbs)

CFM m ³ /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	BHP
13797	800	LwA		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	959	22.1
17246	1000	65	70	74	78	81	84	86	88	89	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
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	967	25.4
20695	1200	70	73	76	79	81	83	84	86	88	89	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106
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	968	28.8
24145	1400	74	76	79	81	82	84	85	86	87	88	89	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105
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	962	32.6
27594	1600	79	80	81	83	84	86	87	88	89	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
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	959	36.2
31043	1800	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107
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	974	40.1
34492	2000	85	86	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
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	997	44.3
36217	2100	91	88	89	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
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	1006	46.1
37941	2200	94	90	90	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
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	1019	48.8
39666	2300	99	91	91	91	92	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112
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	1034	51.0	1062	54.2
41391	2400	92	92	92	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
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	1048	53.6	1076	56.8
43115	2500	93	93	93	93	94	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114
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	1062	56.0	1089	59.2
46565	2700	94	94	94	95	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116
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	1091	62.4	1118	66.4
50014	2900	96	96	96	96	97	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117
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	1122	68.6	1149	72.4	1176	76.0
53463	3100	98	98	98	98	99	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119
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	1154	75.4	1179	79.6	1204	84.0
56912	3300	100	100	100	100	101	101	102	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
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	1188	82.4	1212	87.0	1236	91.6
60361	3500	101	101	101	102	102	102	103	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121
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	84.8	1222	89.8	1246	94.8	1269	99.8	1292	104.8
62086	3600	103	103	103	104	104	104	105	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123
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	1240	93.6	1264	98.6	1288	103.6	1312	108.6

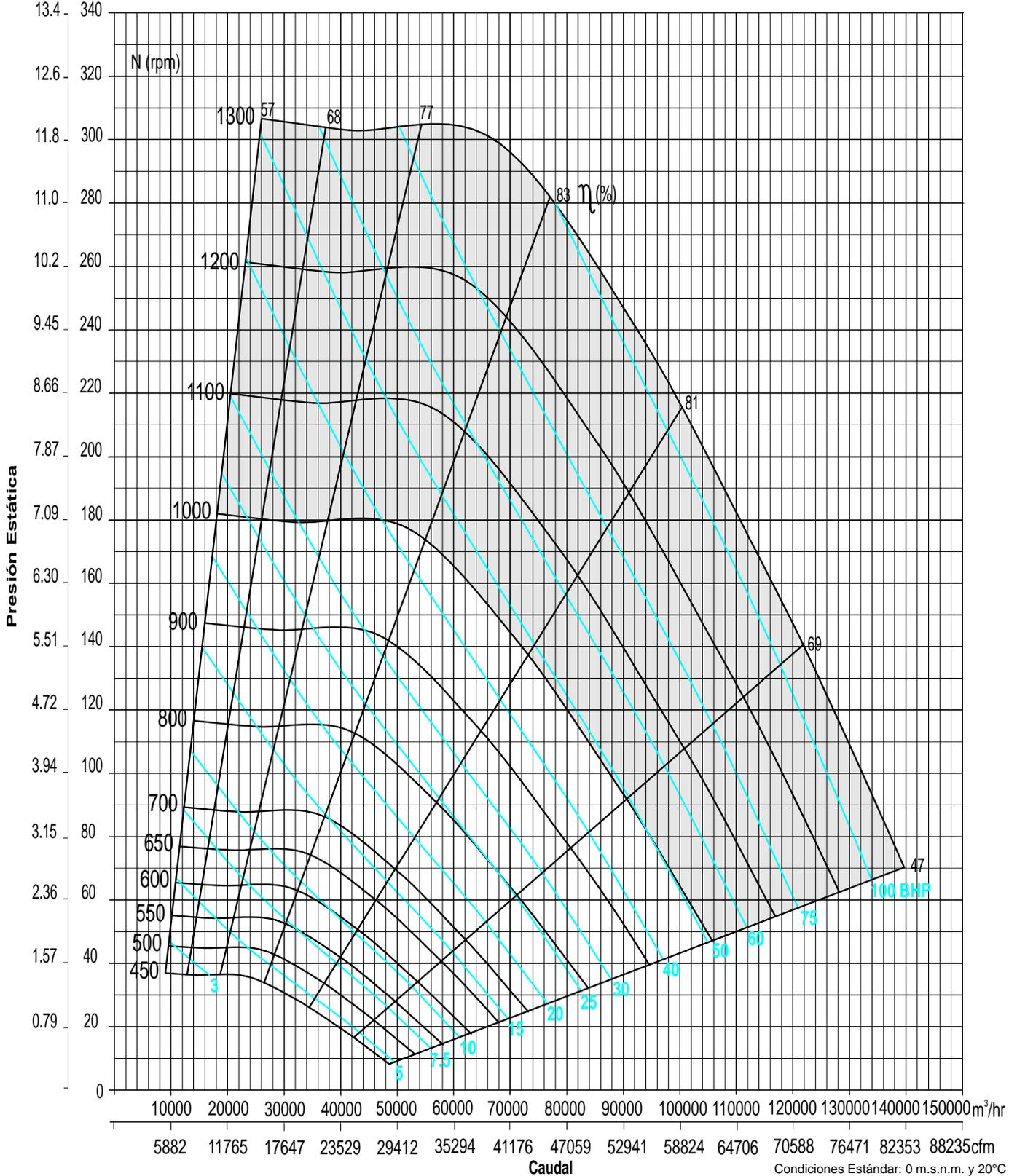
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																									
		165.1mm/6.5"		177.8mm/7.0"		190.5mm/7.5"		203.2mm/8.0"		215.9mm/8.5"		228.6mm/9.0"		241.3mm/9.5"		254mm/10.0"		266.7mm/10.5"		279.4mm/11.0"		292.1mm/11.5"		298.5mm/11.75"			
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
18971	1100	LwA		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	1299	56.0
22420	1300	95	96	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	
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	1306	61.6
25869	1500	94	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	
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	1309	67.4
29318	1700	94	95	96	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	
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	1309	74.0
31043	1800	95	95	96	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	
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	1309	77.4
32768	1900	95	96	97	97	98	98	99	99	100	100	101	101	102	102	103	103	104	104	105	105	106	106	107	107	108	

BDB 1000



CURVA CARACTERÍSTICA

in wg mmca



BDB 1120



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1120 mm (44 1/16 inch) Área de salida: 2.022 m² (21.76 ft²) Armazón máx. de motor: Clase I 364T, Clase II 444/5T
 Diámetro del eje: Clase I 76.2 mm (3 inch) BHP máximos: Clase I 57.2, Clase II 124.1 RPM máximas: Clase I 850, Clase II 1100
 Clase II 82.6 mm (3 1/4 inch) Peso del equipo: 798 Kg (1759 Lbs)

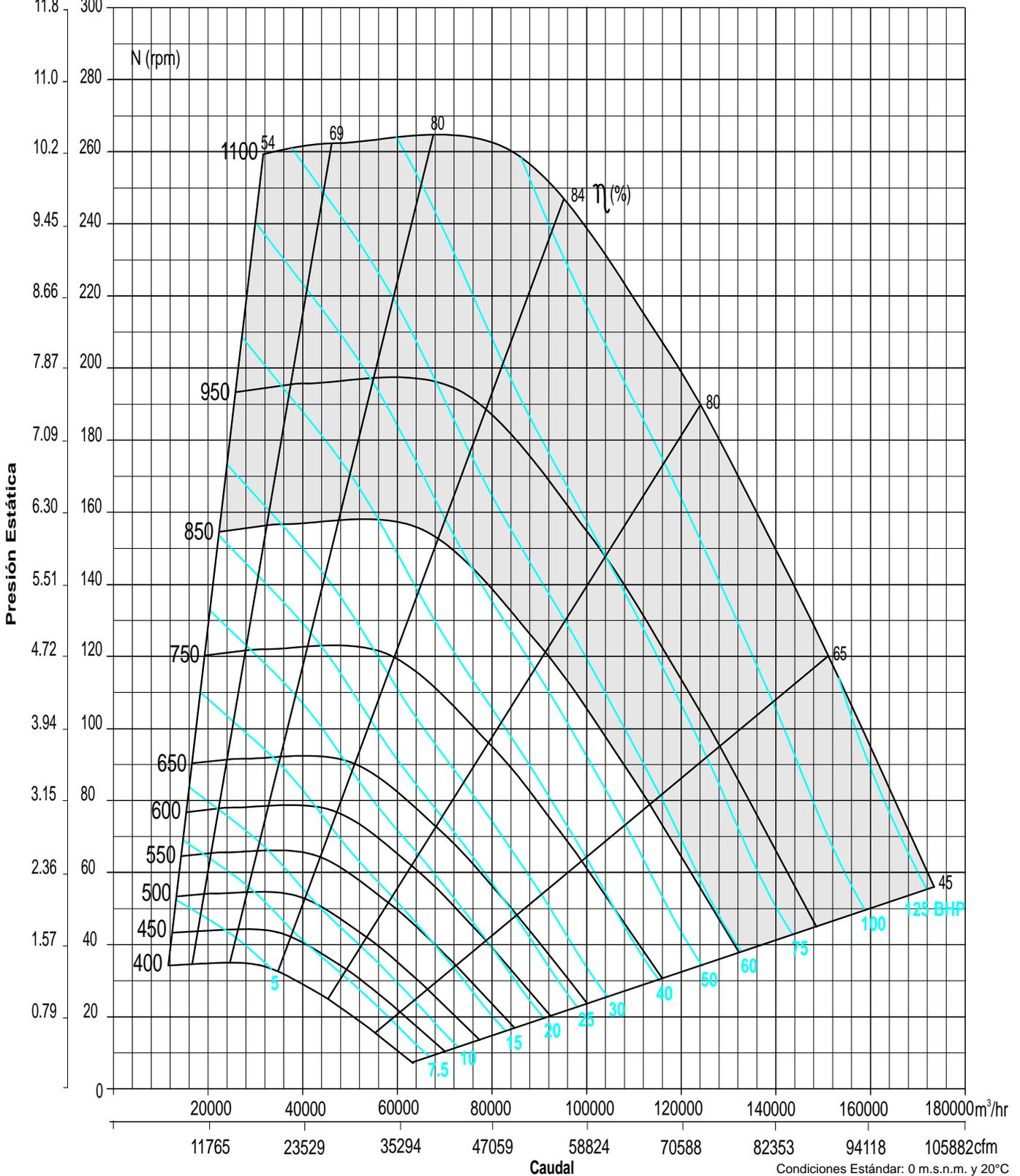
CFM m ³ /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP
17406	800	350	3.43	417	5.34	481	7.09	539	8.82	591	10.7	639	12.9	662	14.0	684	15.2	726	17.7	766	20.4	804	23.2	840	26.1
29573		69		74		78		81		84		86		87		88		90		91		92		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		93	
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		91		92		93	
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		88		90		91		92		93	
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		89		90		91		92		93	
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		93		94	
43516	2000	524	13.8	568	16.9	609	20.1	621	27.3	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		95		91		92		92		92		93		93		94		95	
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		92		93		93		93		94		94		95		95	
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		93		93		94		94		94		95		95		95	
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		93		94		94		95		95		96		96		96	
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		95		96		96		97		97	
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		95		96		96		96		97		97		98	
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	
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		99		99		100		100	
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		101		101		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		103
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		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		105		105

CFM m ³ /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 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
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		97		97		98		99		99		99		100		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		97		97		98		98		99		99		100		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		97		97		97		98		99		99		100		100		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		97		97		97		98		98		99		100		100		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		97		97		98		98		99		99		100		100		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		97		97		98		98		99		99		100		100		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		97		97		98		98		99		99		100		100		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		97		98		98		99		99		99		100		100		101	
47867	2200	907	61.1	920	63.4	933	65.8	959	70.7	971	73.2	984	75.7	1009	80.9	1022	83.5	1034	86.1	1059	91.5	1071	94.1	1083	96.8
81326		96		97		97		98		98		98		99		99		99		100		100		101	
50043	2300	917	64.1	930	66.4	943	68.8	968	73.6	980	76.1	993	78.7	1017	83.9	1029	86.6	1041	89.3	1065	94.7	1077	97.5	1089	100.3
85023		97		97		97		98		98		99		99		100		100		101		101		101	
52219	2400	929	67.3	941	69.7	954	72.1	978	76.9	990	79.4	1002	81.9	1026	87.2	1038	89.8	1049	92.5	1073	98.1	1084	100.9	1096	

BDB 1120

CURVA CARACTERÍSTICA

in wg mmca



BDB 1250



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1250 mm (49 3/16 inch)
 Diámetro del eje: Clase I 82.6 mm (3 1/4 inch)
 Clase II 82.6 mm (3 1/4 inch)

Área de salida: 2.322 m² (24.99 ft²)
 BHP máximos: Clase I 68.5, Clase II 140.7

Armazón máx. de motor: Clase I 365T, Clase II 444/5T
 RPM máximas: Clase I 780, Clase II 1000
 Peso del equipo: 1186 Kg (2615 Lbs)

CFM m ³ /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 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
22492	900	328	4.41	387	6.80	442	9.24	494	11.4	540	13.7	583	16.1	607	17.4	628	18.8	666	21.8	703	24.9	738	28.2	771	31.7
38214		70		74		77		81		83		86		87		88		90		91		92		93	
27490	1100	349	5.62	401	8.10	450	10.9	496	14.0	541	16.9	584	19.6	605	20.9	624	22.3	664	25.1	701	28.0	736	31.2	769	34.6
46706		73		75		78		81		83		86		87		88		89		91		92		93	
32489	1300	374	7.04	422	9.86	466	12.8	508	16.0	548	19.5	587	23.2	606	24.9	625	26.7	662	29.9	698	33.1	732	36.3	766	39.5
55199		76		78		80		82		84		86		87		88		89		91		92		93	
37487	1500	401	8.84	446	11.9	487	15.1	526	18.5	562	22.1	598	25.9	616	28.0	633	30.1	667	34.3	700	38.4	733	42.3	765	46.1
63690		79		81		82		84		85		87		87		88		90		91		92		93	
42485	1700	428	11.1	473	14.3	511	17.8	547	21.5	582	25.3	615	29.2	631	31.3	647	33.4	678	37.8	709	42.5	739	47.2	769	51.9
72182		82		83		84		86		87		88		89		89		91		92		92		93	
47483	1900	457	13.8	499	17.2	537	20.9	572	24.9	604	29.1	635	33.2	650	35.3	665	37.5	694	41.9	723	46.6	751	51.6	779	56.8
80674		85		86		87		88		89		90		90		91		92		92		93		94	
52481	2100	487	16.9	527	20.7	564	24.5	598	28.7	629	33.2	658	37.7	673	40.0	687	42.3	714	46.9	741	51.7	768	56.7	794	61.8
89165		88		88		89		90		91		92		92		93		93		94		94		95	
54981	2200	503	18.7	541	22.7	578	26.6	611	30.8	642	35.4	670	36.1	684	42.5	698	44.9	725	49.7	751	54.6	777	59.6	802	64.8
93413		89		90		90		91		92		93		93		94		94		94		95		95	
57480	2300	519	20.6	555	24.8	591	28.9	624	33.1	655	37.7	683	42.6	697	45.1	710	47.6	737	52.6	762	57.6	787	62.8	812	68.0
97659		90		91		91		92		93		94		94		94		95		95		95		96	
59979	2400	535	22.6	570	27.0	605	31.3	638	35.6	668	40.3	696	45.2	710	47.8	723	50.3	749	55.6	774	60.8	798	66.1	822	71.4
101904		91		92		92		93		94		94		95		95		95		96		96		97	
62478	2500	552	24.8	586	29.4	619	33.9	651	38.3	681	43.0	709	48.0	723	50.6	736	53.3	761	58.6	785	64.1	809	69.5	833	75.1
106150		92		93		93		94		94		95		95		95		96		96		97		97	
67476	2700			617	34.5	648	39.5	679	44.2	708	49.1	736	54.2	749	56.9	762	59.6	786	65.2	810	70.9	833	76.8	856	82.7
114642				95		96		96		96		97		97		97		97		98		98		99	
72474	2900			649	40.3	678	45.7	707	50.9	735	56.0	763	61.2	776	63.9	788	66.7	813	72.5	836	78.5	859	84.6	880	90.8
123133				97		98		98		98		98		98		98		98		99		99		100	
77473	3100			682	46.8	710	52.6	737	58.2	763	63.7	790	69.2	803	72.0	815	74.8	839	80.6	862	86.8	885	93.1	906	99.6
131627				99		99		100		99		99		100		100		100		100		100		101	
82471	3300			742	60.1	767	66.2	792	72.2	818	78.1	830	80.9	842	83.9	866	89.9	889	96.1	911	102.5	932	109.1		
140118				101		101		101		101		101		101		101		101		101		102		102	
87469	3500			775	68.5	799	75.0	823	81.4	846	87.7	858	90.8	870	93.9	894	100.1	916	106.4	938	112.9	959	119.7		
148610				102		102		103		103		103		103		103		103		103		103		103	
92467	3700			808	77.6	831	84.9	854	91.4	876	98.2	888	101.5	899	104.8	921	111.3	943	117.9	965	124.5	985	131.4		
157101				103		104		104		104		104		104		104		104		104		104		104	
94966	3800			825	82.5	847	89.7	870	96.7	892	103.7	903	107.2	914	110.6	935	117.3	957	124.0	978	130.8	999	137.7		
161347				104		104		104		104		105		105		105		105		105		105		105	

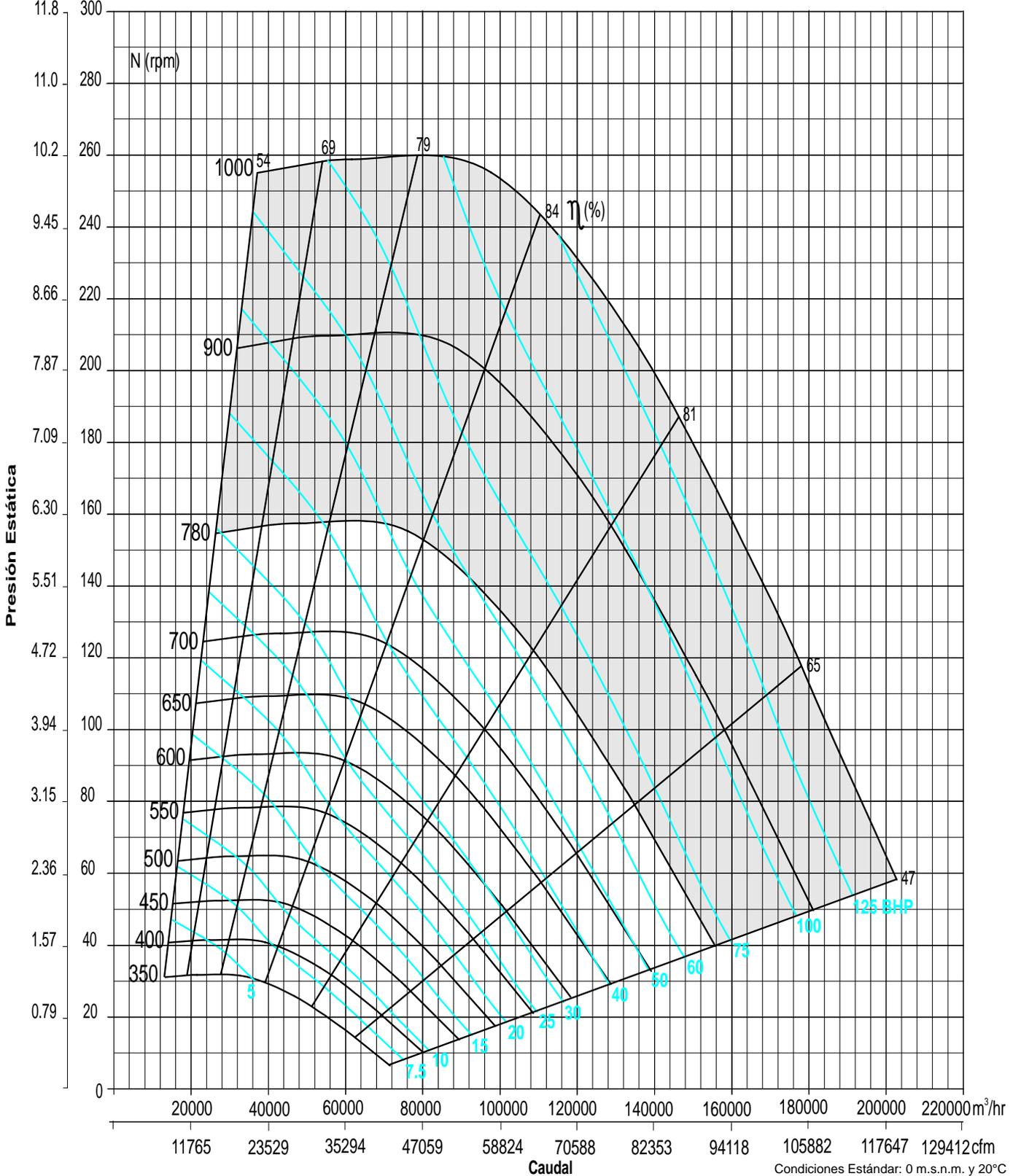
CFM m ³ /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		215.9mm/8.5"		222.3mm/8.75"		228.6mm/9.0"		241.3mm/9.5"		247.7mm/9.75"		254mm/10.0"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP
27490	1100	801	38.1	816	39.9	828	41.9	861	45.7	875	47.7	889	49.7	917	53.9	931	56.0	944	58.2	970	62.6	983	64.8	996	67.1
46706		94		95		95		97		97		97		98		99		99		100		100		101	
32489	1300	795	42.8	814	44.6	829	46.4	859	50.1	873	52.0	887	54.0	915	58.1	929	60.1	942	62.3	968	66.6	981	68.8	994	71.1
55199		94		95		96		97		97		98		98		99		99		100		100		101	
37487	1500	796	49.8	811	51.6	826	53.4	856	57.0	871	58.9	885	60.7	913	64.6	927	66.6	940	68.6	966	72.7	979	74.9	992	77.1
63690		94		95		96		97		97		98		98		99		99		100		100		101	
42485	1700	798	56.6	812	58.9	827	61.1	855	65.4	869	67.5	883	69.6	910	73.7	923	75.7	936	77.8	964	81.9	977	84.0	989	86.1
72182		94		95		96		97		97		97		98		99		99		100		100		101	
44984	1800	801	59.4	815	61.9	829	64.4	857	69.2	870	71.6	884	73.9	911	78.4	924	80.6	937	82.8	962	87.2	974	89.4	987	91.6
76428		95		95		96		97		97		97		98		99		99		100		100		101	
47483	1900	806	62.0	819	64.7	833	67.3	859	72.6	873	75.2	886	77.8	912	82.9	924	85.3	937	87.8	963	92.5	975	94.8	988	97.2
80674		95		95		96		97		97		97		98		99		99		100		100		101	
49982	2000	812	64.6	825	67.3	838	70.1	864	75.7	876	78.5	889	81.3	914	86.8	927	89.5	939	92.2	964	97.5	976	100.1	988	102.6
84919		95		95		96		97		97		98		98		99		99		100		100		101	
52481	2100	819	67.2	832	70.0	844	72.8	869	78.6	881	81.5	894	84.4	918	90.3	930	93.2	942	96.2	966	101.9	978	104.8	990	107.6
89165		95		96		96		97		97		98		98		99		99		100		100		101	
54981	2200	827	70.2	839	72.9	852	75.8	876	81.6	888	84.6	900	87.6	923	93.7	935	96.7	947	99.8	970	105.9	981	109.0	993	112.1
93413		96		96		97		97		98		98		99		99		99		100		100		101	
57480	2300	836	73.4	848	76.2	860	78.9	883	84.8	895	87.8	906	90.8	929	97.0	941	100.1	952	103.3	975	109.7	986	112.9	997	116.1
97659		96		97		97		98		98		98		99		99		100		100		100		101	
59979	2400	846	76.9	857	79.7	869	82.5	892	88.3	903	91.3	914	94.3	937	100.5	948	103.7	959	106.9	980					

BDB 1250



CURVA CARACTERÍSTICA

in wg mmca



BDB 1400



CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1400 mm (55 1/8 inch) Área de salida: 3.218 m² (34.63 ft²) Armazón máx. de motor: Clase I 405T, Clase II 504/5T
 Diámetro del eje: Clase I 82.6 mm (3 1/4 inch) BHP máximos: Clase I 95.5, Clase II 199.7 RPM máximas: Clase I 680, Clase II 900
 Clase II 88.9 mm (3 1/2 inch) Peso del equipo: 1545 Kg (3406 Lbs)

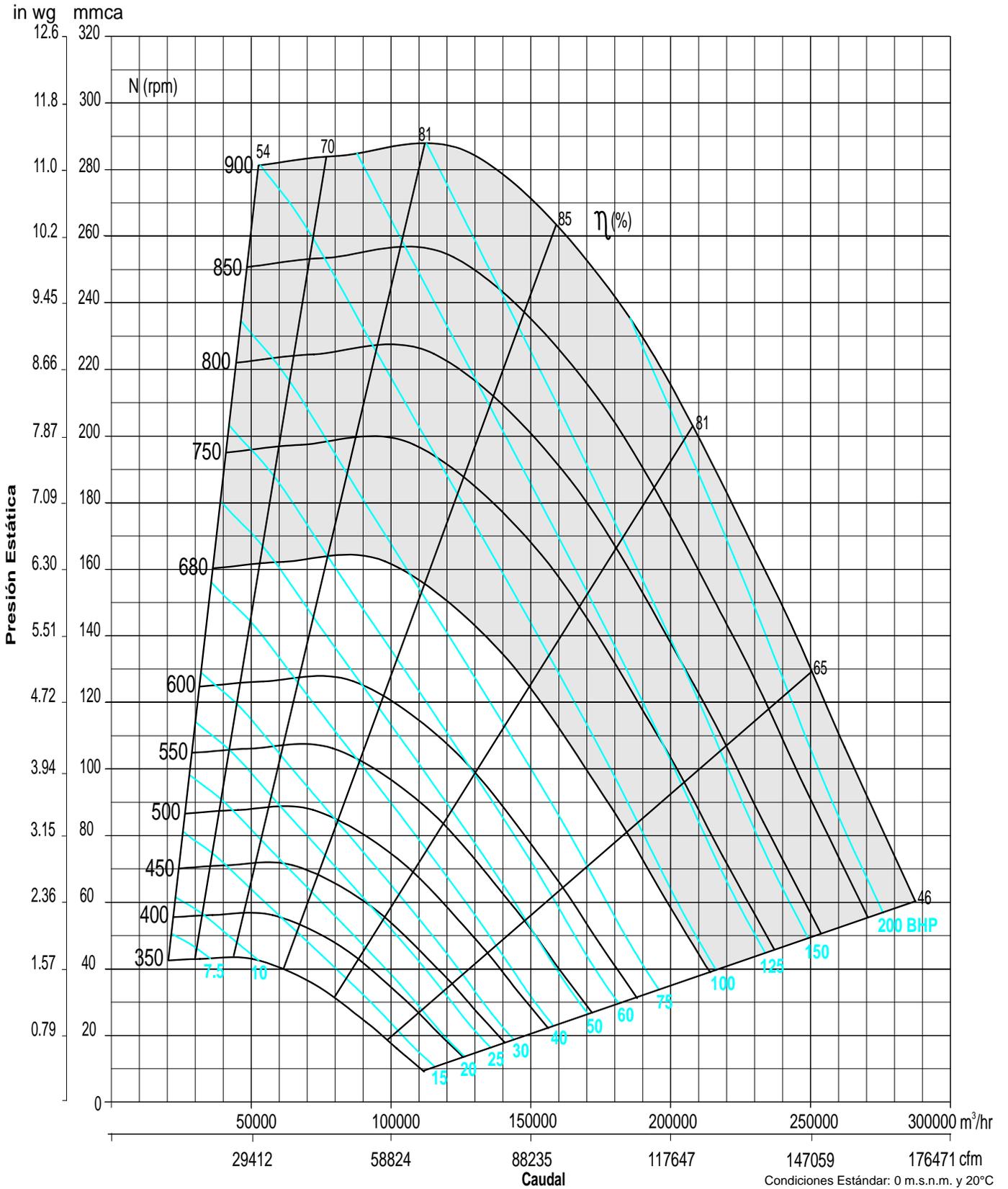
CFM m ³ /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		114.3mm/4.5"		127mm/5.0"		139.7mm/5.5"		152.4mm/6.0"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP
27704	800	276	5.40	330	8.42	380	11.2	424	13.9	464	16.9	505	20.3	523	22.1	540	24.0	574	28.0	605	32.2	635	36.7	664	41.3
47069		69	7.4	78	10.1	81	11.2	84	12.8	86	14.4	87	16.0	88	17.6	90	19.2	92	20.8	93	22.4	94	24.0	94	25.6
34630	1000	293	6.87	339	10.1	383	13.8	425	17.6	465	21.0	503	24.3	521	26.0	539	27.8	570	31.6	603	35.6	631	40.0	661	44.6
58836		90	7.5	78	10.1	81	11.2	84	12.8	86	14.4	87	16.0	88	17.6	90	19.2	91	20.8	92	22.4	93	24.0	94	25.6
41556	1200	314	8.72	356	12.3	395	16.1	432	20.4	468	25.0	504	29.5	522	31.6	537	33.7	571	37.7	601	41.7	632	45.8	662	50.1
70604		75	7.8	80	10.1	82	11.2	84	12.8	86	14.4	87	16.0	88	17.6	90	19.2	91	20.8	92	22.4	93	24.0	94	25.6
48482	1400	338	10.9	377	15.0	413	19.2	447	23.5	479	28.3	511	33.5	526	36.1	541	38.8	572	44.2	602	49.2	630	54.1	658	58.8
82371		79	8.0	82	11.2	83	12.8	85	14.4	87	16.0	88	17.6	89	19.2	90	20.8	91	22.4	92	24.0	93	25.6	94	27.2
55408	1600	361	13.9	400	18.1	434	22.8	465	27.6	495	32.4	524	37.6	538	40.3	552	43.2	580	49.1	607	55.2	633	61.4	660	67.4
94138		82	8.3	84	11.2	85	12.8	87	14.4	88	16.0	89	17.6	90	19.2	91	20.8	92	22.4	93	24.0	94	25.6	94	27.2
62334	1800	386	17.4	423	21.9	456	26.8	486	32.1	514	37.5	541	42.9	554	45.7	567	48.5	593	54.4	618	60.7	643	67.3	667	74.1
105905		85	8.5	86	11.2	88	12.8	89	14.4	90	16.0	91	17.6	92	19.2	93	20.8	94	22.4	95	24.0	96	25.6	97	27.2
69260	2000	413	21.6	447	26.5	480	31.5	509	37.1	536	43.0	561	48.9	574	51.9	586	54.9	610	61.0	633	67.3	656	73.8	679	80.7
117673		88	8.8	89	11.2	90	12.8	91	14.4	92	16.0	93	17.6	94	19.2	95	20.8	96	22.4	97	24.0	98	25.6	99	27.2
72723	2100	426	23.9	460	29.1	491	34.3	520	39.9	547	45.9	572	52.2	584	55.3	596	58.5	619	64.8	642	71.2	664	77.7	686	84.6
123556		89	8.9	90	11.2	91	12.8	92	14.4	93	16.0	94	17.6	95	19.2	96	20.8	97	22.4	98	24.0	99	25.6	100	27.2
76186	2200	440	26.4	472	31.9	503	37.3	532	42.9	558	49.1	583	55.5	595	58.8	606	62.1	629	68.7	651	75.3	673	82.0	694	88.9
129440		90	9.1	91	11.2	92	12.8	93	14.4	94	16.0	95	17.6	96	19.2	97	20.8	98	22.4	99	24.0	100	25.6	101	27.2
79649	2300	455	29.1	485	34.9	515	40.5	544	46.2	570	52.5	594	59.1	606	62.4	617	65.8	640	72.7	661	79.6	682	86.5	703	93.5
135324		91	9.2	92	11.2	93	12.8	94	14.4	95	16.0	96	17.6	97	19.2	98	20.8	99	22.4	100	24.0	101	25.6	102	27.2
83112	2400	469	32.0	499	38.1	528	43.9	556	49.8	582	56.1	606	62.8	617	66.2	629	69.8	650	76.9	672	84.1	692	91.2	713	98.4
141207		93	9.3	94	11.2	95	12.8	96	14.4	97	16.0	98	17.6	99	19.2	100	20.8	101	22.4	102	24.0	103	25.6	104	27.2
90038	2600			526	45.0	553	51.5	580	57.8	605	64.2	629	71.0	641	74.6	652	78.2	673	85.7	693	93.4	713	101.2	733	108.9
152975					95	96	96	96	96	97	97	97	97	97	97	97	97	98	98	99	99	99	99	99	99
96964	2800			555	52.8	580	59.9	605	66.7	629	73.5	653	80.5	664	84.1	675	87.8	696	95.5	716	103.5	735	111.7	754	120.0
164742					97	98	98	98	98	98	98	98	98	98	98	98	98	99	99	99	100	100	100	101	101
103890	3000			584	61.5	607	69.2	631	76.7	654	83.9	677	91.2	688	94.9	699	98.7	720	106.5	739	114.7	758	123.2	777	131.8
176509					99	99	100	100	100	100	100	100	100	100	100	100	100	101	101	101	101	101	101	101	101
110816	3200					636	79.5	658	87.6	679	95.5	701	103.3	712	107.1	723	111.0	743	118.9	763	127.2	782	135.9	800	144.8
188276							101	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
117742	3400					665	90.8	685	99.5	706	108.1	727	116.4	737	120.5	747	124.7	767	132.9	787	141.3	805	150.0	823	159.1
200044							103	103	103	104	104	104	104	104	104	103	103	104	104	104	104	104	104	104	104
124668	3600					694	103.3	714	112.6	734	121.7	753	130.7	762	135.2	772	139.5	792	148.2	811	156.9	829	165.8	847	175.0
211811							104	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
128131	3700					709	110.0	728	119.6	747	129.0	766	138.3	776	142.9	785	147.4	804	156.4	823	165.3	841	174.4	859	183.6
217695							105	105	105	105	105	105	106	106	106	106	106	106	106	106	106	106	106	106	106

CFM m ³ /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 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
38093	1100	688	51.7	701	54.2	715	56.7	740	57.8	764	67.2	788	72.8	811	78.5	834	84.4	845	87.4	856	90.4	877	96.6	888	99.8
64720		95	9.6	96	10.1	96	10.1	97	10.1	97	10.1	99	10.1	100	10.1	100	10.1	101	10.1	101	10.1	102	10.1	102	10.1
45019	1300	686	58.7	700	61.0	713	63.4	738	68.3	763	73.4	787	78.9	810	84.5	832	90.3	843	93.2	854	96.3	875	102.4	886	105.6
76487		95	9.6	96	10.1	97	10.1	98	10.1	98	10.1	99	10.1	100	10.1	100	10.1	101	10.1	101	10.1	102	10.1	102	10.1
51945	1500	685	68.4	698	70.9	711	73.4	735	78.4	759	83.4	782	88.6	808	93.9	831	99.4	842	102.2	852	105.1	874	111.1	884	114.1
88255		95	9.6	96	10.1	97	10.1	98	10.1	98	10.1	99	10.1	99	10.1	100	10.1	101	10.1	101	10.1	102	10.1	102	10.1
58871	1700	687	77.3	700	80.5	712	83.7	736	89.7	760	95.6	783	101.3	805	106.9	829	112.6	840	115.4	847	118.3	869	124.0	878	126.9
100022		95	9.6	96	10.1	97	10.1	98	10.1	98	10.1	99	10.1	99	10.1	100	10.1	101	10.1	101	10.1	102	10.1	102	10.1
62334	1800	691	81.0	703	84.5	714	87.9	738	94.7	761	101.3	784	107.6	806	113.8	827	119.9	838	122.9	848	125.9	870	131.9	879	134.8
105905		96	9.6	96	10.1	97	10.1	98	10.1	98	10.1	99	10.1	99	10.1	100	10.1	101	10.1	101	10.1	102	10.1	102	10.1
65797	1900	695	84.5	707	88.1	718	91.7	741	99.0	763	106.3	785	113.4	807	120.3	828	127.0	839	130.3	849	133.5	871	139.9	880	143.1
111789		96	9.6	97	10.1	97	10.1	98	10.1	98	10.1	99	10.1	99	10.1	100	10.1	101	10.1	101	10.1	102	10.1	102	10.1
69260	2000	701	87.9	712	91.7	723	95.4	745	103.1	767	110.7	788	118.4	809	126.0	830	133.5	840	137.1	850	140.7	871	147.8	881	151.2
117673		96	9.7	97	10.1	98	10.1	98	10.1	99	10.1	99	10.1	100	10.1	100	10.1	101	10.1	101	10.1	102</			

BDB 1400



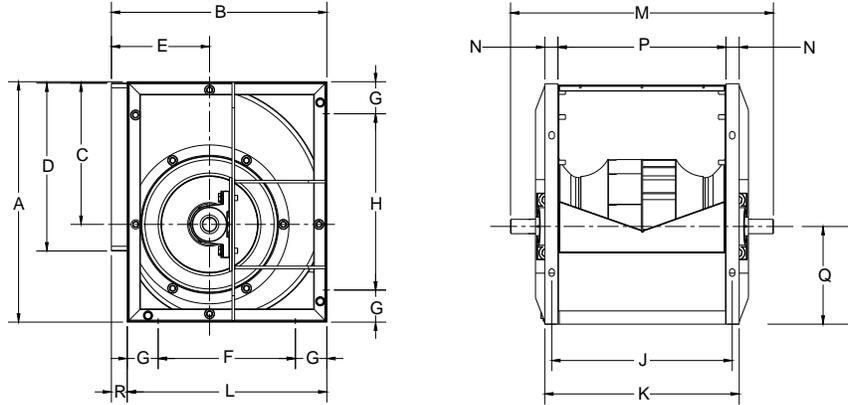
CURVA CARACTERÍSTICA





DIMENSIONES

Modelos del 280 al 400
Clase I y Clase II



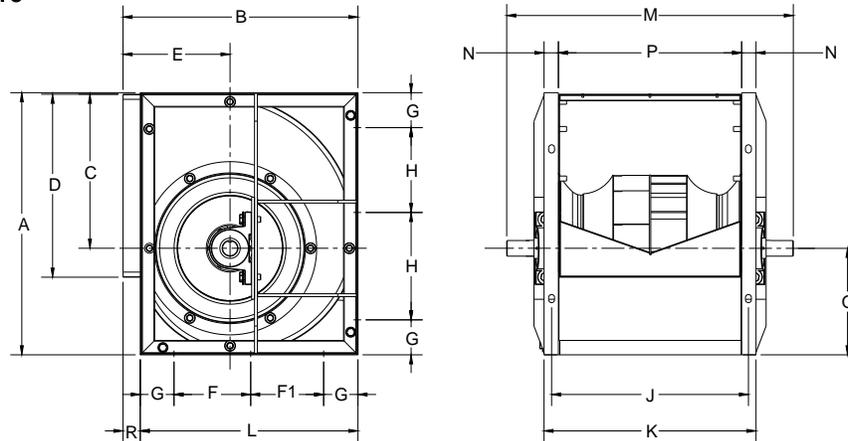
Dimensiones en mm.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
BDB 280	518	466	302	359	215	232	100	318	390	422 / 426	432	556 / 588	30 / 31.8	362	211	34
BDB 315	578	518	340	403	236	280	100	378	434	464 / 468	480	600 / 632	30 / 31.8	404	290	38
BDB 355	654	579	383	452	261	348	100	454	492	532 / 529	548	672 / 718	40 / 38.1	452	320	31
BDB 400	736	651	431	506	290	412	100	536	546	586 / 583	612	726 / 772	40 / 38.1	507	354	39

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R
BDB 280	20 3/8	18 3/8	11 7/8	14 1/8	8 1/2	9 1/8	3 15/16	12 1/2	15 3/8	16 5/8 / 16 3/4	17	21 7/8 / 23 1/8	1 3/16 / 1 1/4	14 1/4	8 5/16	1 3/8
BDB 315	22 3/4	20 3/8	13 3/8	15 7/8	9 5/16	11	3 15/16	14 7/8	17 1/16	18 1/4 / 18 7/16	18 7/8	23 5/8 / 24 7/8	1 3/16 / 1 1/4	15 7/8	11 7/16	1 1/2
BDB 355	25 3/4	25 3/4	15 1/16	17 13/16	10 1/4	13 11/16	3 15/16	17 7/8	19 3/8	20 15/16 / 20 13/16	21 9/16	26 7/16 / 28 1/4	1 9/16 / 1 1/2	17 13/16	12 5/8	1 1/4
BDB 400	29	25 5/8	17	19 15/16	11 7/16	16 1/4	3 15/16	21 1/8	21 1/2	23 1/6 / 22 15/16	24 1/8	28 9/16 / 30 3/8	1 9/16 / 1 1/2	19 15/16	13 15/16	1 9/16

Modelos del 450 al 710 Clase I y Clase II



Dimensiones en mm.

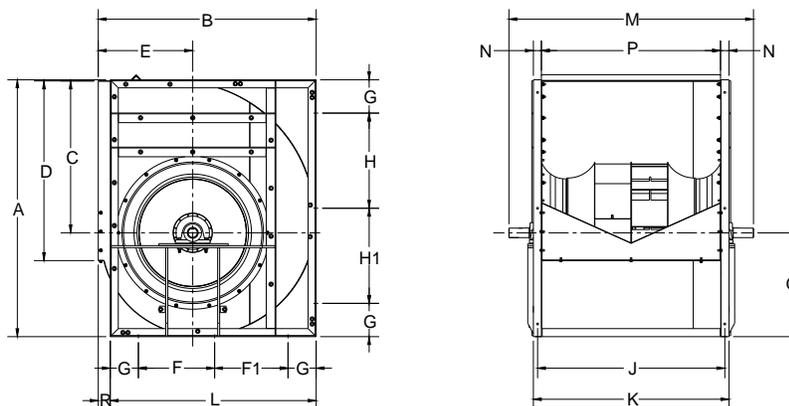
MODELO	A	B	C	D	E	F	F1	G	H	J	K	L	M	N	P	Q	R
BDB 450	827	726	486	569	322	276	206	100	314	608	648 / 645	681	814 / 878	40 / 38.1	568	391	45
BDB 500	918	800	538	637	352	325	225	100	359	678	718 / 715	750	924 / 956	40 / 38.1	638	430	50
BDB 560	1030	892	602	714	390	322	322	100	415	764	814 / 816	844	1000 / 1080	50 / 50.8	714	475	48
BDB 630	1157	998	677	800	434	423	323	100	479	850	900 / 902	945	1092 / 1166	50 / 50.8	800	529 / 575	53
BDB 710	1302	1120	767	898	485	429 / 479	429 / 379	100	551	948	998 / 1000	1057	1234 / 1280	50 / 50.8	898	585 / 630	63

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	F1	G	H	J	K	L	M	N	P	Q	R
BDB 450	32 9/16	28 9/16	19 1/8	22 3/8	12 11/16	10 7/8	8 1/8	3 15/16	12 3/8	23 15/16	25 1/2 / 25 3/8	26 13/16	32 1/16 / 34 9/16	1 9/16 / 1 1/2	22 3/8	15 3/8	1 3/4
BDB 500	36 1/8	31 1/2	21 3/16	25 1/16	13 7/8	12 13/16	8 7/8	3 15/16	14 1/8	26 11/16	28 1/4 / 28 1/8	29 1/2	36 3/8 / 37 5/8	1 9/16 / 1 1/2	25 1/8	16 15/16	1 15/16
BDB 560	40 9/16	35 1/8	23 11/16	28 1/8	15 3/8	12 11/16	12 11/16	3 15/16	16 5/16	30 1/16	32 1/16 / 32 1/8	33 1/4	39 3/8 / 42 1/2	1 15/16 / 2	28 1/8	18 11/16	1 7/8
BDB 630	45 9/16	39 5/16	26 5/8	31 1/2	17 1/16	16 5/8	12 11/16	3 15/16	18 7/8	33 7/16	35 7/16 / 35 1/2	37 3/16	43 / 45 7/8	1 15/16 / 2	31 1/2	20 13/16 / 22 5/8	2 1/16
BDB 710	51 1/4	44 1/8	30 3/16	35 3/8	19 1/8	16 7/8 / 18 7/8	16 7/8 / 14 15/16	3 15/16	21 11/16	37 5/16	39 5/16 / 39 3/8	41 5/8	48 9/16 / 50 3/8	1 15/16 / 2	35 3/8	23 1/16 / 24 13/16	2 1/2

DIMENSIONES

Modelos del 800 al 1120
Clase I y Clase II



Dimensiones en mm.

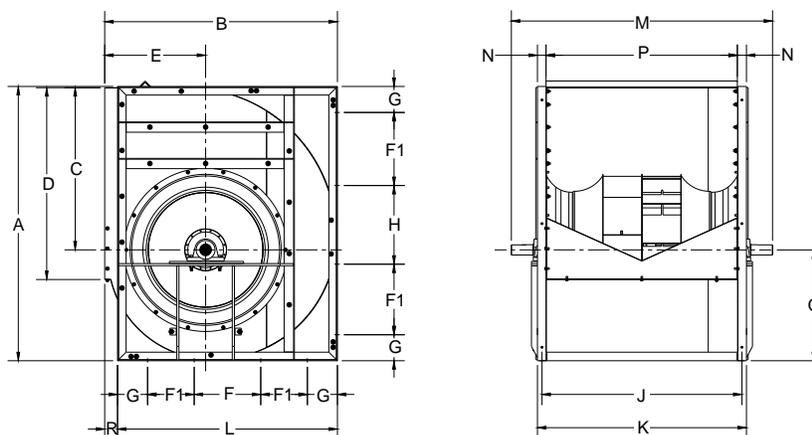
MODELO	A	B	C	D	E	F	F1	G	H	H1	J	K	L	M	N	P	Q	R
BDB 800	1468	1254	860	1006	540	540	440	100	634	634	1056	1108	1180	1388	50.8	1006	702	74
BDB 900	1643	1408	969	1128	604	610	510	100	722	722	1180	1232	1319	1566	50.8	1126	768	89
BDB 1000	1810	1540	1065	1265	657	675	575	100	805	805	1316	1368	1450	1724	50.8	1262	837	90
BDB 1120	2033	1725	1202	1422	748	715	715	100	1017	817	1482	1549	1630	1800	64	1418	923	95

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	F1	G	H	H1	J	K	L	M	N	P	Q	R
BDB 800	57 13/16	49 3/8	33 7/8	39 5/8	21 1/4	21 1/4	17 5/16	3 15/16	24 15/16	24 15/16	41 9/16	43 5/8	46 7/16	54 5/8	2	39 5/8	27 5/8	2 15/16
BDB 900	64 11/16	55 7/16	38 1/8	44 3/8	23 3/4	24	20 1/16	3 15/16	28 7/16	28 7/16	46 7/16	48 1/2	51 15/16	61 5/8	2	44 5/16	30 1/4	3 1/2
BDB 1000	71 1/4	60 5/8	41 15/16	49 13/16	25 7/8	26 9/16	22 5/8	3 15/16	31 11/16	31 11/16	51 13/16	53 7/8	57 1/16	67 7/8	2	49 11/16	32 15/16	3 9/16
BDB 1120	80 1/16	67 15/16	47 5/16	56	29 7/16	28 1/8	28 1/8	3 15/16	40 1/16	32 3/16	58 3/8	61	64 3/16	70 7/8	2 1/2	55 13/16	36 5/16	3 3/4

Modelos del 1250 al 1400

Clase I y Clase II



Dimensiones en mm.

MODELO	A	B	C	D	E	F	F1	G	H	J	K	L	M	N	P	Q	R
BDB 1250	2285	1930	1363	1524	830	631	500	100	1085	1636	1676	1831	1975	76	1519	1068	99
BDB 1400	2568	2170	1505	1794	963	857	500	100	1368	1906	1946	2057	2260	76	1794	1202	113

Dimensiones en pulg.

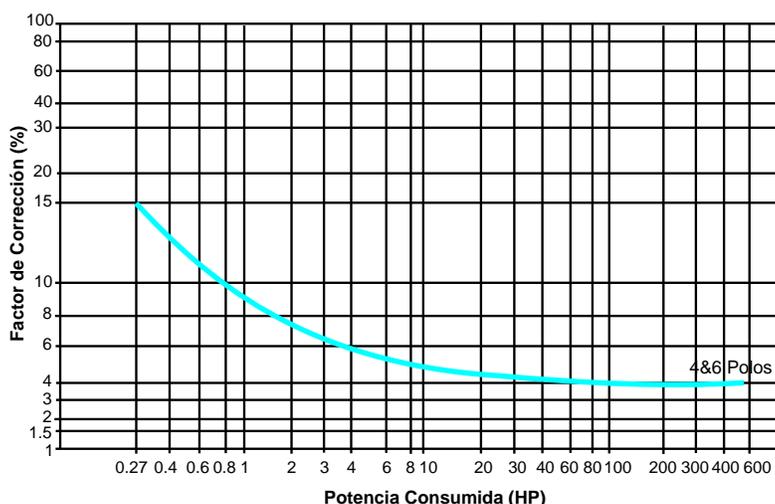
MODELO	A	B	C	D	E	F	F1	G	H	J	K	L	M	N	P	Q	R
BDB 1250	89 15/16	76	53 11/16	60	32 11/16	24 13/16	19 11/16	3 15/16	42 11/16	64 7/16	66	72 1/16	77 3/4	3	59 13/16	42 1/16	3 7/8
BDB 1400	101 1/8	85 7/16	59 1/4	70 5/8	37 15/16	33 3/4	19 11/16	3 15/16	53 7/8	75 1/16	76 5/8	81	89	3	70 5/8	47 5/16	4 7/16

*Para posiciones de acoplamiento del motor, consultar página 38.

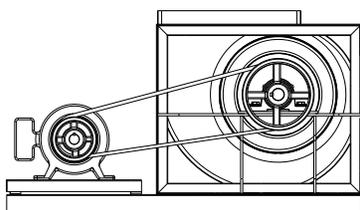
SELECCIÓN DE MOTOR

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

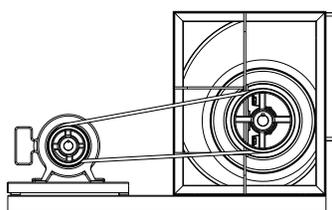
Para determinar la potencia instalada del motor, se deberá aplicar el factor de corrección para compensar las pérdidas por transmisión.



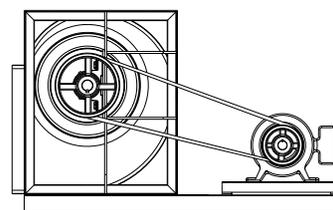
OPCIONES DE ROTACIÓN Y DESCARGA



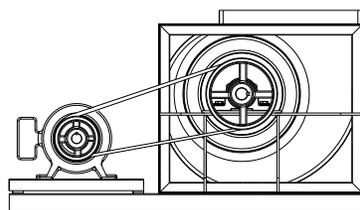
CW 0°
[UB]



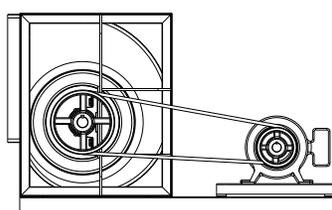
CW 90°
[TH]



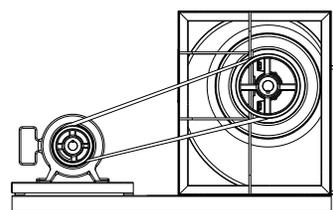
CW 270°
[BH]



CCW 0°
[UB]



CCW 90°
[TH]



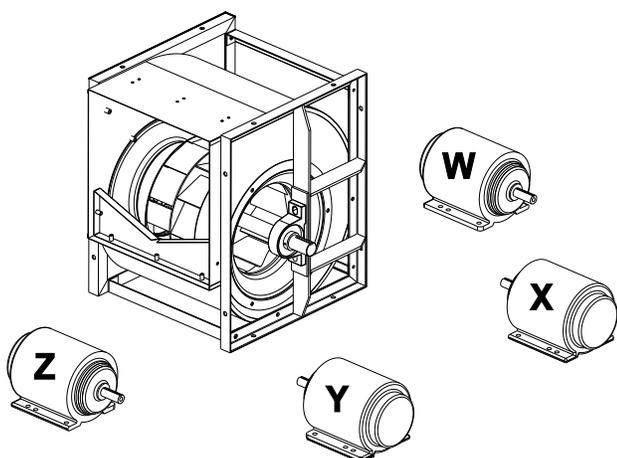
CCW 270°
[BH]

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.

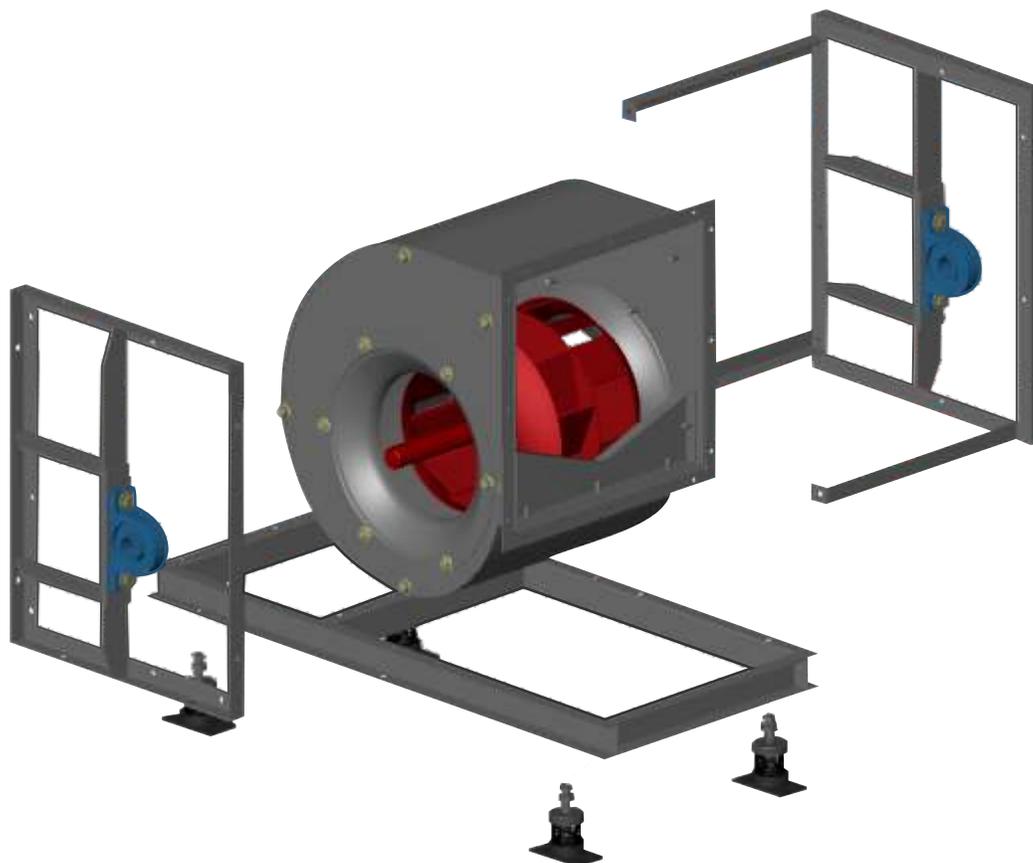
POSICIONES ESTÁNDAR DEL MOTOR

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



Puerta de inspección

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

Brida descarga

Accesorio especial para facilitar el acoplamiento al sistema de ductos, cuentan con barrenos para su fijación.

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.

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.

Tubo de drene

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

Este accesorio es fundamental para un óptimo mantenimiento y depende de la aplicación del ventilador (material, temperaturas, etc.) para determinar la importancia de su uso.

Bastidor

La línea BDB puede suministrarse con un bastidor, el cual permite un montaje del ventilador y motor como una unidad integral. Este accesorio está fabricado con barras angulares galvanizadas hasta el tamaño 560. Para los tamaños 630 al 1400, se suministran con canal estructural y se terminan con revestimiento de polvo poliéster.

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. Temperaturas de operación hasta 70° C.



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 que sobrepasan los 150° C color Aluminio.

Uso recomendado: Sólo para interiores

Soler & Palau México

Bld. A-15 Apdo. Postal F-23
Parque Industrial Puebla 2000
Puebla, Pue. México C.P. 72310
Tel. 52 (222) 2 233 911, 2 233 900
Fax. 52 (222) 2 233 914, (800) 2 291 500
[http:// www.soler-palau.com.mx](http://www.soler-palau.com.mx)
e-mail: comercial@soler-palau.com.mx

Soler & Palau Colombia

Carrera 71 A BIS # 64 - 46,
Bogotá, Colombia
Tel. (57 + 1) 695 21 46, 695 20 35
e-mail: comercial@solerpalau.com.co

Soler & Palau Centroamérica

Km. 30.5 Carretera CA-9 Sur
Amatitlan Int. Parque Industrial
Zona Franca Z La Unión
Bodega 31-C
Guatemala, Guatemala
e-mail: servicioalcliente@soler-palau.com.gt