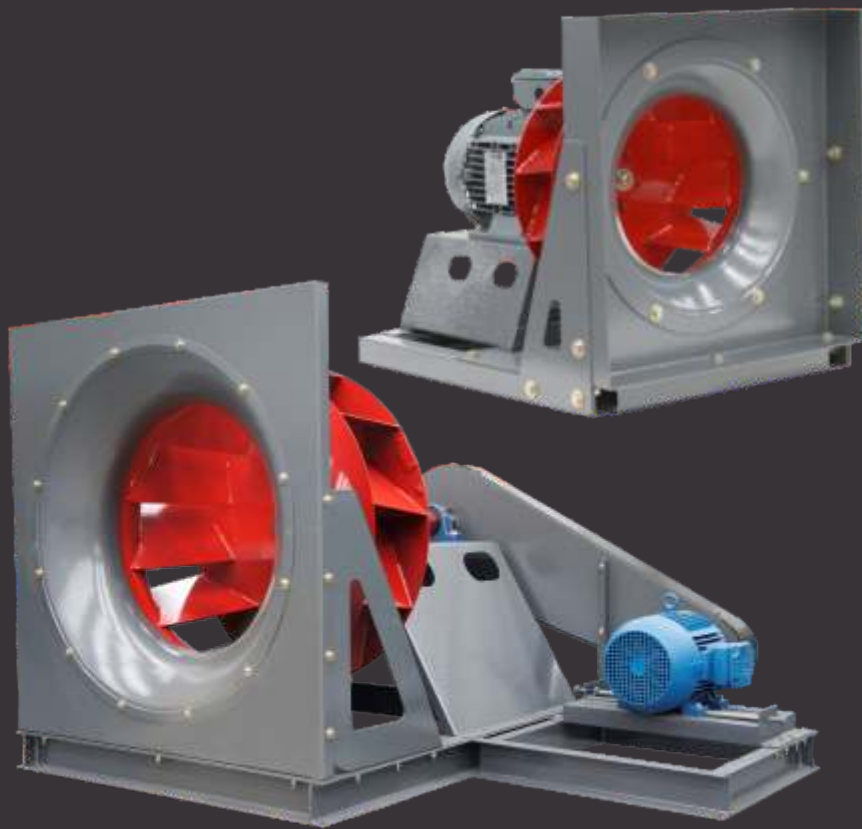




# Ventiladores Centrífugos Tipo Plenum BNA

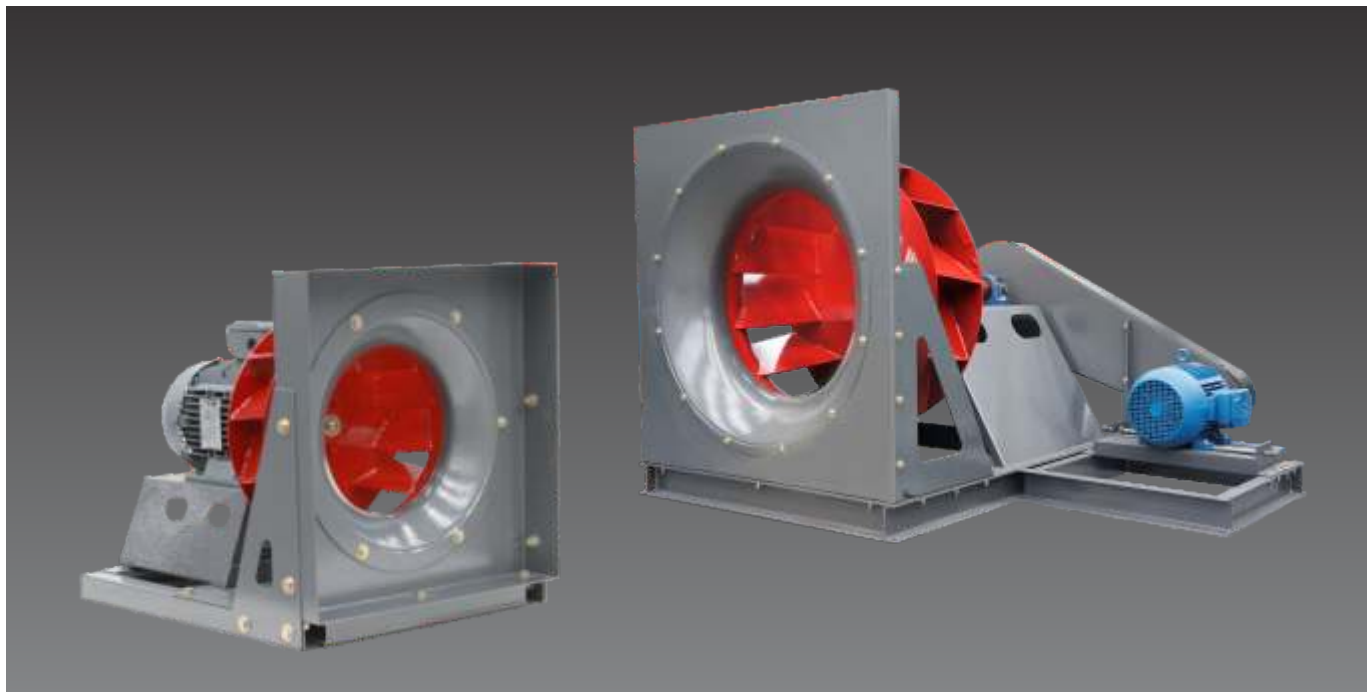




# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

### INFORMACIÓN GENERAL



La serie BNA de ventiladores centrífugos, ha sido diseñada con el objetivo de ofrecer equipos de excelentes prestaciones caudal-presión con bajo nivel sonoro, ideal para aplicaciones de cámara plena.

Equipos versátiles, de fácil instalación, con arreglos para distintas aplicaciones. Debido a su diseño sin envolvente, facilita su instalación en cámaras plenas, donde el espacio juega un papel primordial; además de su bajo nivel sonoro.

Modelos:	BNA-D 280 al BNA-D 710. BNA 280 al BNA 1400. Clase I : BNA 280 al BNA 1400. Clase II: BNA 315 al BNA 1400.
Caudal:	BNA-D: 2,155 m <sup>3</sup> /hr(1,268 CFM) hasta 26,500 m <sup>3</sup> /hr (15,597 CFM). BNA: Clase I: 860 m <sup>3</sup> /hr (506 CFM) hasta 106,000 m <sup>3</sup> /hr (62,390 CFM). Clase II: 2,450 m <sup>3</sup> /hr (1,442 CFM) hasta 140,000 m <sup>3</sup> /hr (82,400 CFM).
Presión estática:	BNA-D:Hasta 150 mmca (5.91 inwg). BNA: Clase I: hasta 120 mmca (4.72 inwg). Clase II: hasta 220 mmca (8.66 inwg).
Potencia:	BNA-D:Hasta 13 BHP. BNA: Hasta 93 BHP.

Entre las aplicaciones de manejo de aire limpio principales se encuentran: Clínicas, hospitales, estacionamientos, sistemas de acondicionamiento de aire, manejadoras, hoteles, edificios públicos, ventilación general, etc.

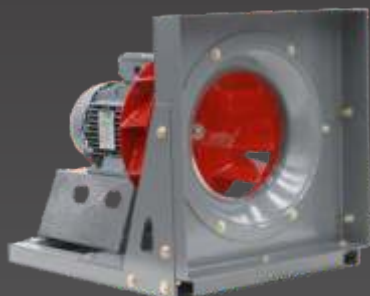
Accesorios: Malla de protección en succión y descarga, elementos antivibratorios, cubre bandas, graseras extendidas, cuello flexible y cubre chumaceras.



# BNA

VENTILADORES CENTRÍFUGOS TIPO PLENUM  
RODETE DE ÁLABES ATRASADOS

## BNA-D

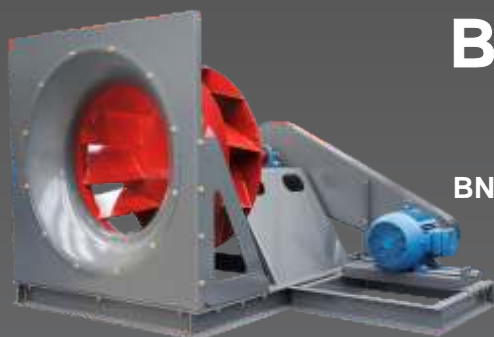


### BNA-D

 Transmisión Directa.

BNA-D ( 280, 315, 355, 400, 450, 500, 560, 630 y 710 )

## BNA



### BNA

 Transmisión Poleas-Bandas.

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

## NOMENCLATURA

### BNA-D II 560- 4P-CW-3H

Modelo  
Centrífugo tipo Plenum

Tipo de acoplamiento  
D: Directo

Clase  
I – Clase I (Modelo BNA 250 –1400)  
II – Clase II (Modelo BNA 315-1400)

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

Tipo de arreglo:  
1H, 3H: Horizontal.  
3V: Vertical.  
4: Directo.

Sentido de giro:  
CW  
CCW

4P: 1800 rpm  
6P: 1200 rpm  
8P: 850 rpm

# BNA

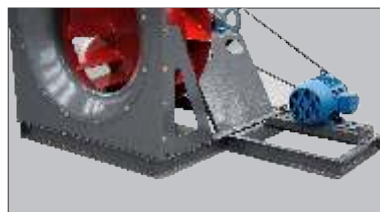
## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

### CARACTERÍSTICAS CONSTRUCTIVAS



#### RODETES

Rodetes de álabes atrasados, fabricados en lámina negra con soldadura del tipo continuo, aportando fuerza al conjunto y previniendo vibraciones futuras, además de ser balanceados dinámicamente a grado G. 2.5. Con acabado en pintura poliéster de aplicación electrostática en polvo. Su diseño minimiza las pérdidas de energía, dando como resultado un rodete de altos niveles de eficiencia.



#### CONJUNTO BASTIDOR

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



#### OÍDO DE ASPIRACIÓN

Oído de aspiración que debido a su diseño aerodinámico permite una mayor aspiración del flujo de aire con menor turbulencia.



#### BASE MOTOR

La base motor está fabricada con el mismo material, fuertemente sustentada con tornillos tensores que permiten una buena sujeción y evitan movimientos que generen desalineación entre el motor y la transmisión, su acabado es con el mismo recubrimiento del equipo.



#### MOTOR

Los motores empleados son fabricados bajo especificaciones NEMA y cuentan con alta eficiencia en su desempeño para cada operación. Están diseñados para ser arrancados directos en línea de alimentación y capaces de soportar variaciones de  $\pm 10\%$  en la tensión de alimentación (por periodos cortos de tiempo), y de  $\pm 5\%$  de forma constante, sin presentar variaciones en su operación. Protección IP 55, para protección de ambientes húmedos y polvo.



#### RODAMIENTOS

Los rodamientos seleccionados para este modelo han sido calculados para su óptimo desempeño en aplicaciones de servicio pesado; brindan larga durabilidad en todas las condiciones de operación soportando 40,000 horas L 10.

# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

### CARACTERÍSTICAS CONSTRUCTIVAS



#### TRANSMISIÓN

El sistema de transmisión de estos equipos es diseñado, para ser colocados a la distancia y posición específica de forma que permita la optimización del espacio.



#### 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.



#### SOPORTE

Los soportes del oído de aspiración, fueron diseñados para aportar rigidez al conjunto y son acoplados al bastidor y oído de aspiración, de forma que permitan el acoplamiento del equipo a las cámaras plenas, sin interferir entre ellas.

#### PINTURA

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

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

# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

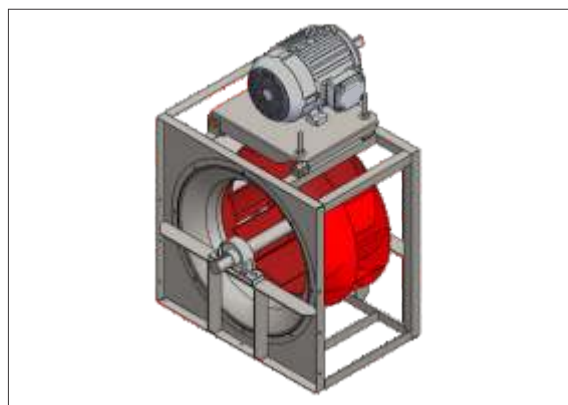
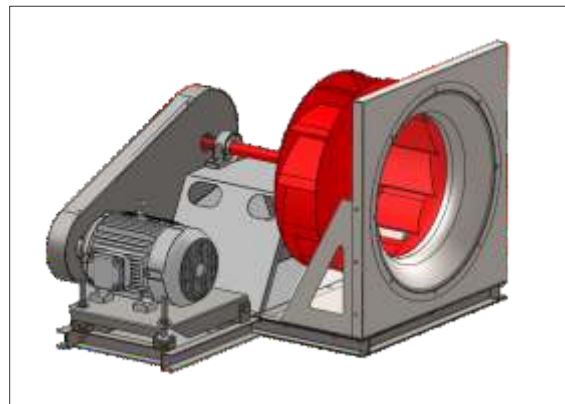
### TIPOS DE ARREGLOS

#### El arreglo 1 Horizontal,

Para aplicaciones donde se requieran bajas velocidades de operación.

Los rodamientos son localizados fuera del área de succión lo que permite una menor turbulencia.

La base motor es localizada de manera independiente, por lo que la capacidad del motor no es limitada.



#### Arreglo 3 Horizontal,

Reforzado para aplicaciones de mayor velocidad.

Los rodamientos al ser colocados al interior del oído de succión genera mayor rigidez, para soportar las velocidades altas.

Reduce el espacio del equipo al disminuir el ancho del mismo.

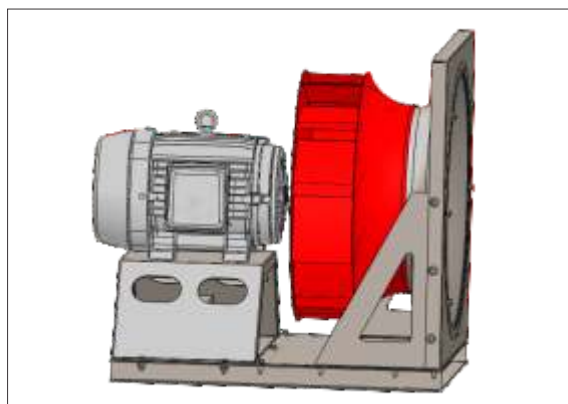
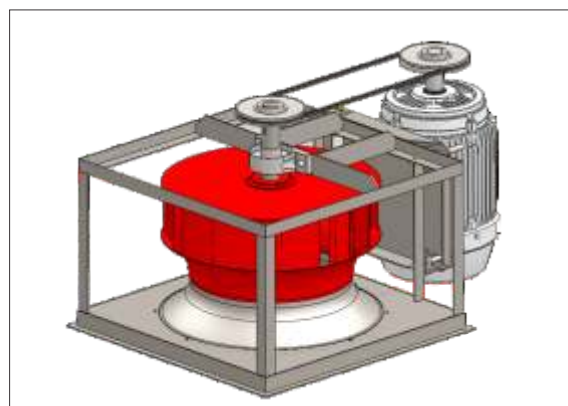
Generando estabilidad en el mismo.

#### Arreglo 3 Vertical,

Compacto, ideal para aplicaciones de espacio reducido.

La base del motor se encuentra integrada al equipo.

La capacidad del motor está limitada, por la posición del motor.



#### Arreglo 4 Horizontal

De transmisión directa.

Base motor independiente.

Fácil instalación y mantenimiento.

Reduce las vibraciones, generadas por las poleas y bandas.





# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS TRANSMISIÓN DIRECTA

Para asegurar el óptimo funcionamiento de un equipo Plenum, es necesario tomar en cuenta las siguientes características de selección:

- Factor de corrección por altitud y temperatura.
- Dimensiones de la cámara plena
- Pérdida de carga por tipo de descarga y ductería.

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

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

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

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

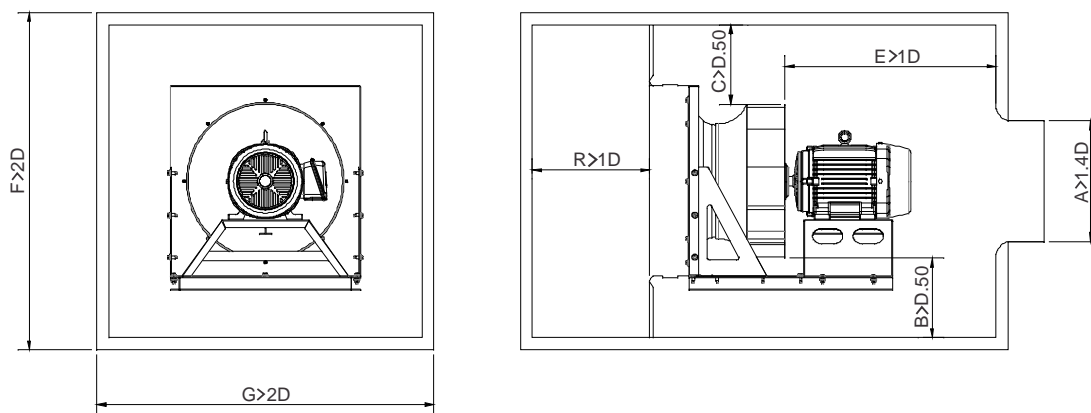
Para estos ventiladores, la temperatura máxima del flujo de aire a manejar es de 80°C. Para aplicaciones donde la temperatura sea mayor, favor de comunicarse al departamento técnico de Soler & Palau.



# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

### DISTANCIA MÍNIMA RECOMENDADA PARA EL DISEÑO DEL PLENUM

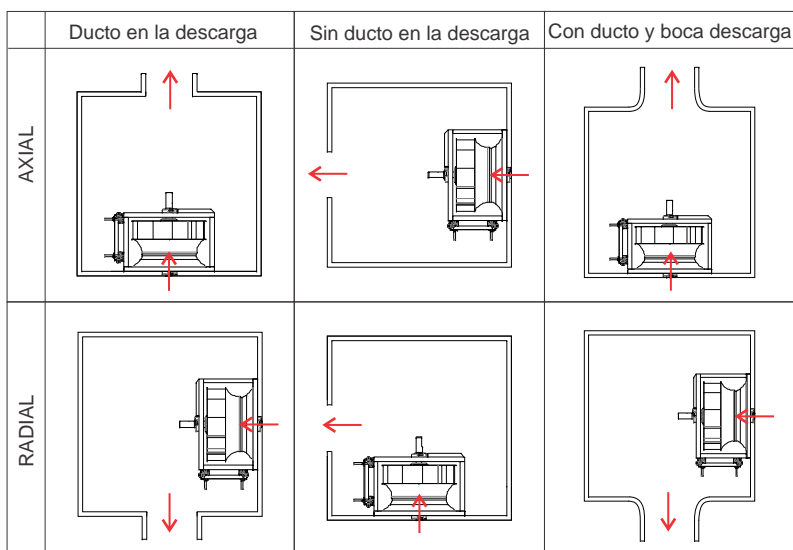


Donde, D es igual al diámetro del rodete.

Tabla 2

COEFICIENTES DE PÉRDIDA POR CONFIGURACIÓN DE DESCARGA			
TIPO DE DESCARGA	SIN DUCTO	CON DUCTO	DUCTO CON BOCA DE DESCARGA
RADIAL	2.0	1.4	1.1
AXIAL	2.4	1.8	1.6

### CONFIGURACIONES DE DESCARGA





# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

### Ejemplo de Selección:

Seleccionar un equipo tipo Plenum, del cual conocemos los siguientes datos:

Caudal: 6,000 m<sup>3</sup>/hr  
Presión Estática: 110 mmca  
Altitud: 1000 m.s.n.m.  
Temperatura de operación: 30°C  
Dimensiones del ducto: 0.5 x 0.75 m  
Tipo de descarga: Axial

Para poder seleccionar, debemos realizar la corrección de los datos, ya que se encuentran generadas a una altitud y temperatura específicas.

Como el caudal no sufre ninguna modificación, lo que se hará será la corrección de la presión a la temperatura y altitud correspondiente, en la tabla 2 obtenemos el siguiente dato 0.86.

$$P_s = \frac{P_s \text{ requerida}}{F. \text{ corrección}}$$

$$P_s = \frac{110 \text{ mmca}}{0.86} = 127.9 \text{ mmca}$$

Para calcular la pérdida de carga por el Plenum:

$$V = \frac{Q}{A} = \frac{6000 \text{ m}^3/\text{hr}}{0.375 \text{ m}^2}$$

$$V = 16000 \frac{\text{m}}{\text{hr}} = 4.44 \frac{\text{m}}{\text{seg}}$$

El factor de corrección para la pérdida por el tipo de descarga la tomamos de la tabla 2, donde, para un tipo de descarga axial con ducto, el factor de corrección es de 1.8.

Para calcular la pérdida de carga del plenum:

$$= F.C \times \left[ \frac{\text{Velocidad del ducto}}{4.043} \right]^2$$

$$= 1.8 \times \left[ \frac{4.44}{4.043} \right]^2 = 2.175 \text{ mmca}$$



# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS

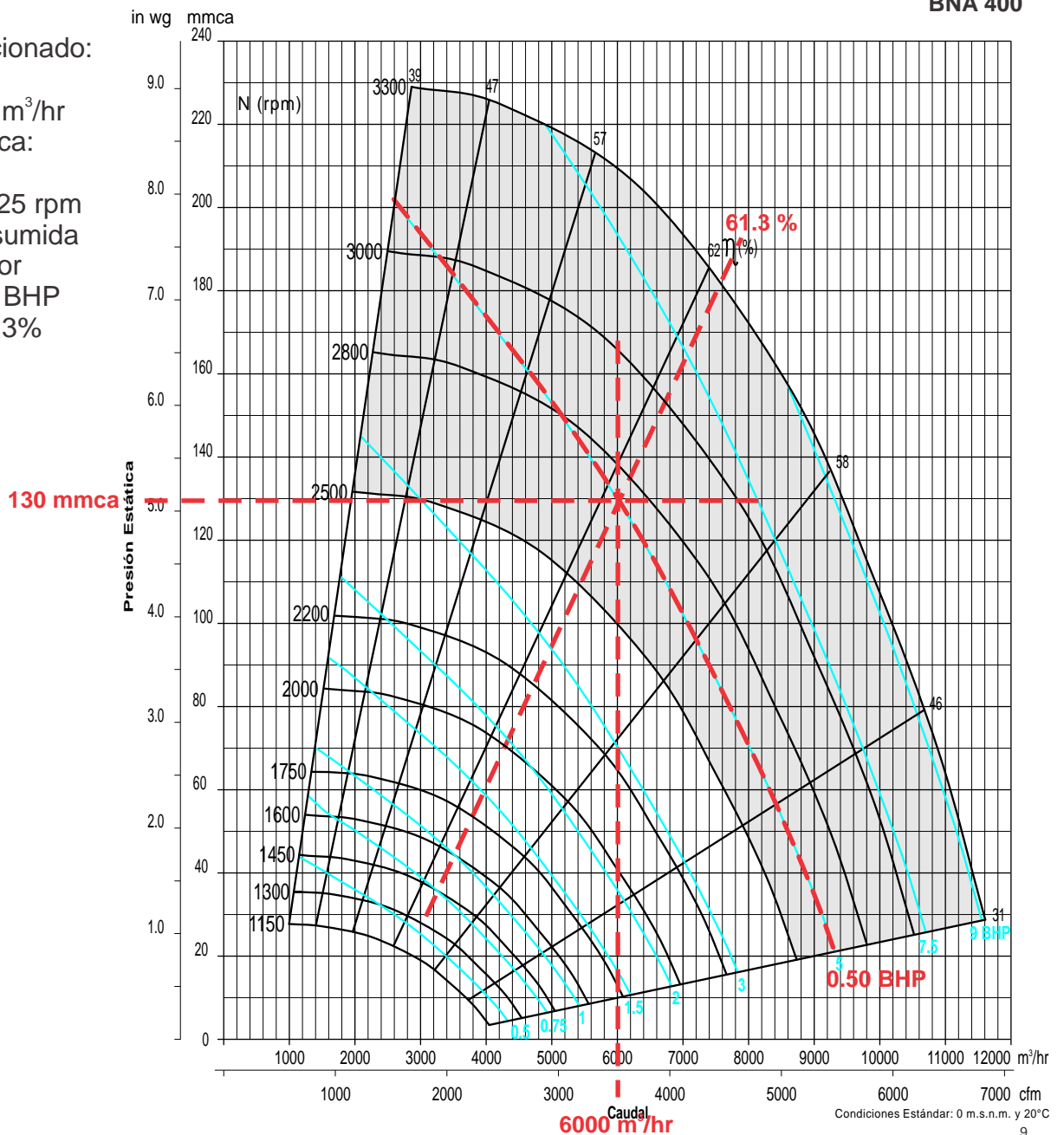
La presión estática para generar la selección es:

$$P_s = 127.9 + 2.175 = 130 \text{ mmca}$$

Teniendo los datos necesarios, realizamos la selección del equipo en las condiciones generadas, de forma que logramos obtener el resto de la información necesaria para el equipo.

### CURVA CARACTERÍSTICA BNA 400

Equipo seleccionado:  
BNA II 400  
Caudal: 6000 m<sup>3</sup>/hr  
Presión estática:  
130 mmca  
Velocidad: 2725 rpm  
Potencia consumida  
(sin pérdida por  
trasmisión): 5 BHP  
Eficiencia: 61.3%





# BNA-D

VENTILADORES CENTRÍFUGOS TIPO PLENUM  
RODETE DE ÁLABES ATRASADOS  
TRANSMISIÓN DIRECTA

## BNA-D 280

HP	RPM	PRESION ESTATICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1/3	1725	1268	0.27	1222	0.27	1169	0.26	1101	0.25	1015	0.25	972	0.25
		2155	72	2077	72	1986	71	1871	69	1725	68	1652	68

## BNA-D 315

HP	RPM	PRESION ESTATICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1/4	1200	1215	0.15	1131	0.15	1025	0.15	908	0.15				
		2064	66	1922	65	1742	64	1543	63				
1/2	1725	1802	0.43	1749	0.43	1695	0.43	1634	0.43	1537	0.43	1490	0.43
		3062	76	2972	75	2879	75	2777	74	2611	73	2532	73

## BNA-D 355

HP	RPM	PRESION ESTATICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1	1725	2572	0.75	2513	0.75	2453	0.76	2391	0.76	2294	0.76	2248	0.76
		4369	79	4269	79	4168	78	4063	78	3897	77	3819	77

## BNA-D 400

HP	RPM	PRESION ESTATICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1/2	1200	2493	0.44	2397	0.44	2294	0.46	2172	0.46				
		4235	74	4073	73	3897	73	3690	72				
2	1725	3652	1.31	3587	1.31	3521	1.33	3455	1.33	3357	1.34	3311	1.34
		6205	83	6095	83	5982	83	5870	82	5704	82	5625	82

## BNA-D 450

HP	RPM	PRESION ESTATICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1	1200	3604	0.80	3489	0.82	3387	0.83	3280	0.83	3115	0.84	3033	0.84
		6124	77	5927	77	5754	76	5572	75	5292	74	5153	74
3	1725	5290	2.40	5189	2.40	5102	2.41	5026	2.43	4923	2.45	4881	2.45
		8988	87	8816	87	8669	86	8539	86	8364	86	8293	85



# BNA-D

VENTILADORES CENTRÍFUGOS TIPO PLENUM  
RODETE DE ÁLABES ATRASADOS  
TRANSMISIÓN DIRECTA

## BNA-D 500

HP	RPM	PRESION ESTÁTICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1 1/2	1200	5144	1.43	5006	1.45	4885	1.46	4770	1.48	4604	1.49	4529	1.49
		8740	81	8505	80	8300	80	8105	79	7822	78	7694	78
5	1725	7519	4.25	7401	4.25	7295	4.25	7204	4.28	7086	4.30	7036	4.32
		12775	90	12575	90	12395	90	12239	89	12039	89	11954	89

## BNA-D 560

HP	RPM	PRESION ESTÁTICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
1	850	5003	0.89	4809	0.90	4623	0.91	4427	0.91	4085	0.91		
		8500	73	8170	72	7855	72	7521	71	6941	70		
3	1200	7228	2.47	7062	2.48	6915	2.49	6785	2.51	6607	2.55	6524	2.55
		12281	83	11998	82	11748	82	11527	81	11225	81	11084	81
7 1/2	1725	10541	7.32	10394	7.32	10271	7.32	10158	7.34	10017	7.38	9959	7.39
		17909	92	17659	92	17451	92	17259	92	17019	92	16921	92

## BNA-D 630

HP	RPM	PRESION ESTÁTICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
5	1200	10700	4.30	10544	4.33	10388	4.37	10227	4.40	9987	4.44	9881	4.45
		18180	87	17915	86	17649	86	17375	85	16968	85	16788	84
15	1725	15494	12.7	15386	12.8	15283	12.8	15171	12.9	15018	12.9	14949	13.0
		26325	96	26140	96	25965	96	25775	95	25515	95	25399	95

## BNA-D 710

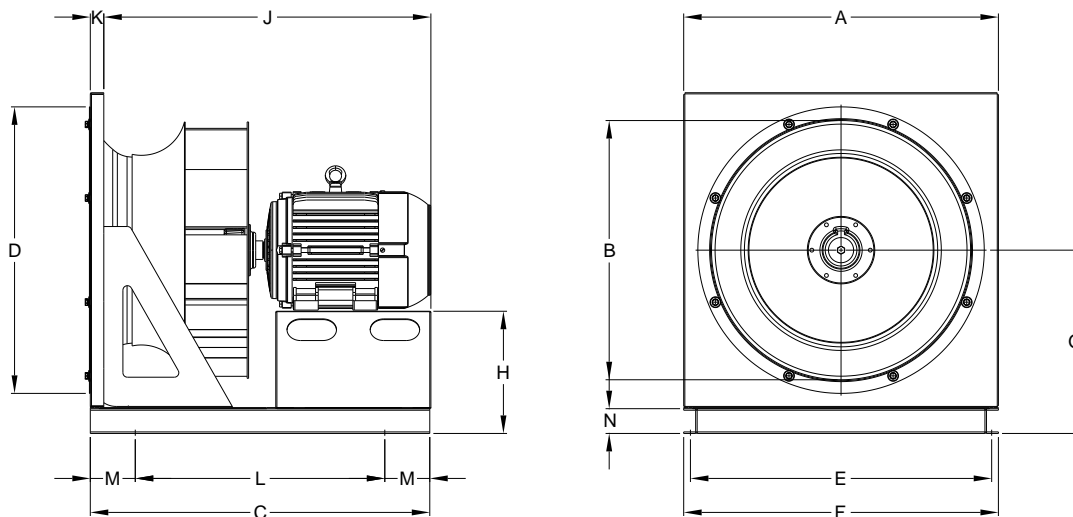
HP	RPM	PRESION ESTÁTICA mmca - inwg.											
		3.17mm/0.125"		6.35mm/0.25"		9.53mm/0.375"		12.70mm/0.50"		17.15mm/0.675"		19.05mm/0.75"	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA	m³/hr	LwA
10	1200	15144	7.62	14979	7.68	14797	7.71	14626	7.76	14370	7.83	14258	7.86
		25730	89	25450	88	25140	88	24850	88	24415	88	24225	88

# BNA-D

VENTILADORES CENTRÍFUGOS TIPO PLENUM  
RODETE DE ÁLABES ATRASADOS  
TRANSMISIÓN DIRECTA

## DIMENSIONES

Modelos del 280 al 710



Dimensiones en mm.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
BNA-D 280	400	288	425	348	370	400	257	164	393	32	325	50	55
BNA-D 315	450	332	455	382	420	450	282	194	422	32	355	50	55
BNA-D 355	490	371	505	422	460	490	302	211	475	32	405	50	55
BNA-D 400	530	415	560	464	500	530	322	233	531	32	460	50	55
BNA-D 450	580	465	585	514	550	580	347	230	555	32	385	100	55
BNA-D 500	630	524	655	564	600	630	372	256	628	30	455	100	55
BNA-D 560	700	585	755	637	670	700	407	272	727	30	555	100	55
BNA-D 630	790	657	845	710	760	790	452	291	805	40	645	100	55
BNA-D 710	890	735	1000	784	850	890	503	342	960	38	800	100	55

Dimensiones en pulg.

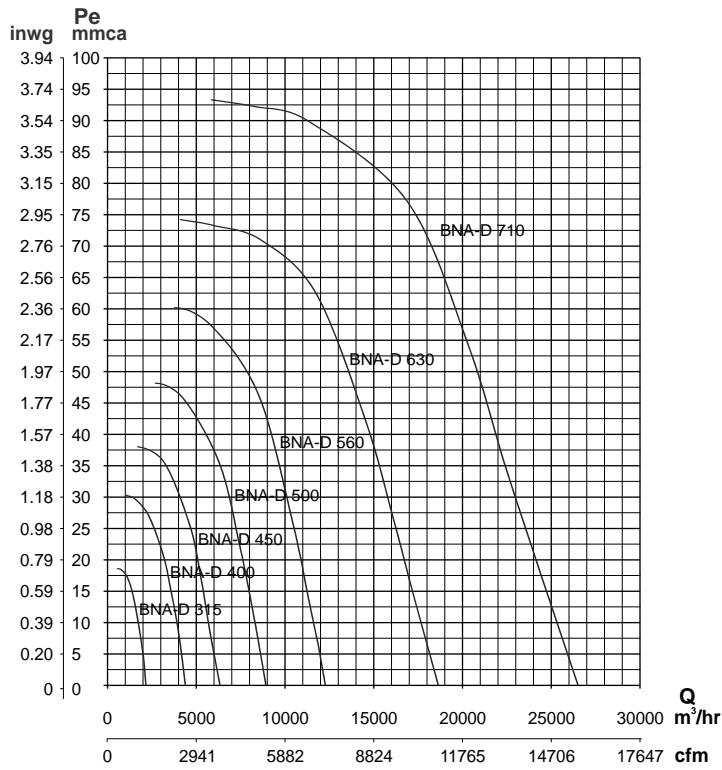
MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
BNA-D 280	15 3/4	11 5/16	16 3/4	13 11/16	14 9/16	15 3/4	10 1/8	6 7/16	15 1/2	1 1/4	12 13/16	1 15/16	2 3/16
BNA-D 315	17 11/16	13 1/16	17 15/16	15 1/16	16 9/16	17 11/16	11 1/8	7 5/8	16 5/8	1 1/4	14	1 15/16	2 3/16
BNA-D 355	19 5/16	14 5/8	19 7/8	16 5/8	18 1/8	19 5/16	11 7/8	8 5/16	18 11/16	1 1/4	15 15/16	1 15/16	2 3/16
BNA-D 400	20 7/8	16 5/16	22 1/16	18 1/4	19 11/16	20 7/8	12 11/16	9 3/16	20 7/8	1 1/4	18 1/8	1 15/16	2 3/16
BNA-D 450	22 13/16	18 5/16	23 1/16	20 1/4	21 5/8	22 13/16	13 11/16	9 1/16	21 7/8	1 1/4	15 3/16	3 15/16	2 3/16
BNA-D 500	24 13/16	20 5/8	25 13/16	22 3/16	23 5/8	24 13/16	14 5/8	10 1/16	24 3/4	1 3/16	17 15/16	3 15/16	2 3/16
BNA-D 560	27 9/16	23 1/16	29 3/4	25 1/16	26 3/8	27 9/16	16	10 11/16	28 5/8	1 3/16	21 7/8	3 15/16	2 3/16
BNA-D 630	31 1/8	25 7/8	33 1/4	27 15/16	29 15/16	31 1/8	17 13/16	11 7/16	31 11/16	1 9/16	25 3/8	3 15/16	2 3/16
BNA-D 710	35 1/16	28 15/16	39 3/8	30 7/8	33 7/16	35 1/16	19 13/16	13 7/16	37 13/16	1 1/2	31 1/2	3 15/16	2 3/16



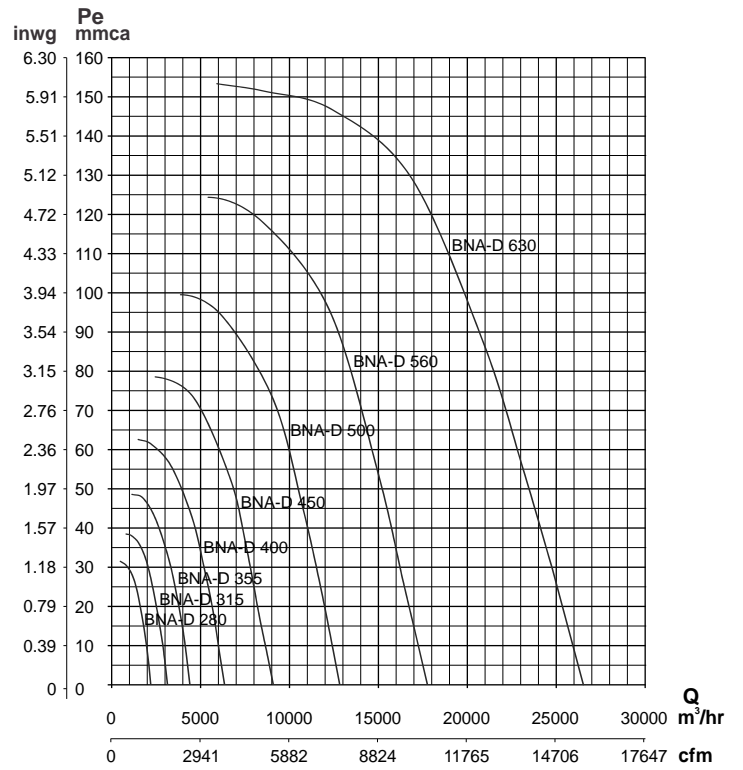
# BNA-D

VENTILADORES CENTRÍFUGOS TIPO PLENUM  
RODETE DE ÁLABES ATRASADOS  
TRANSMISIÓN DIRECTA

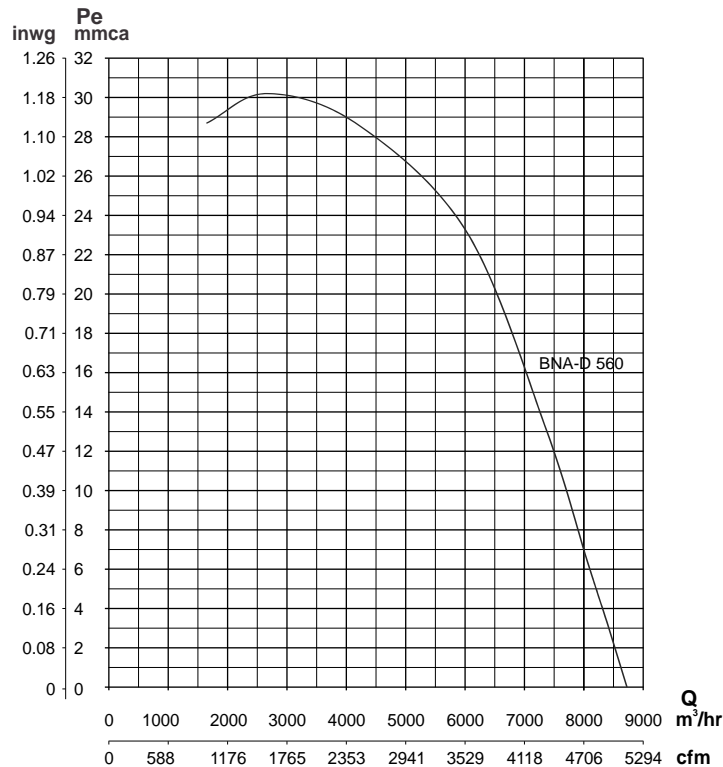
## BNA-D 1200 rpm



## BNA-D 1725 rpm



## BNA-D 850 rpm





# BNA 280

## CARACTERÍSTICAS PRINCIPALES



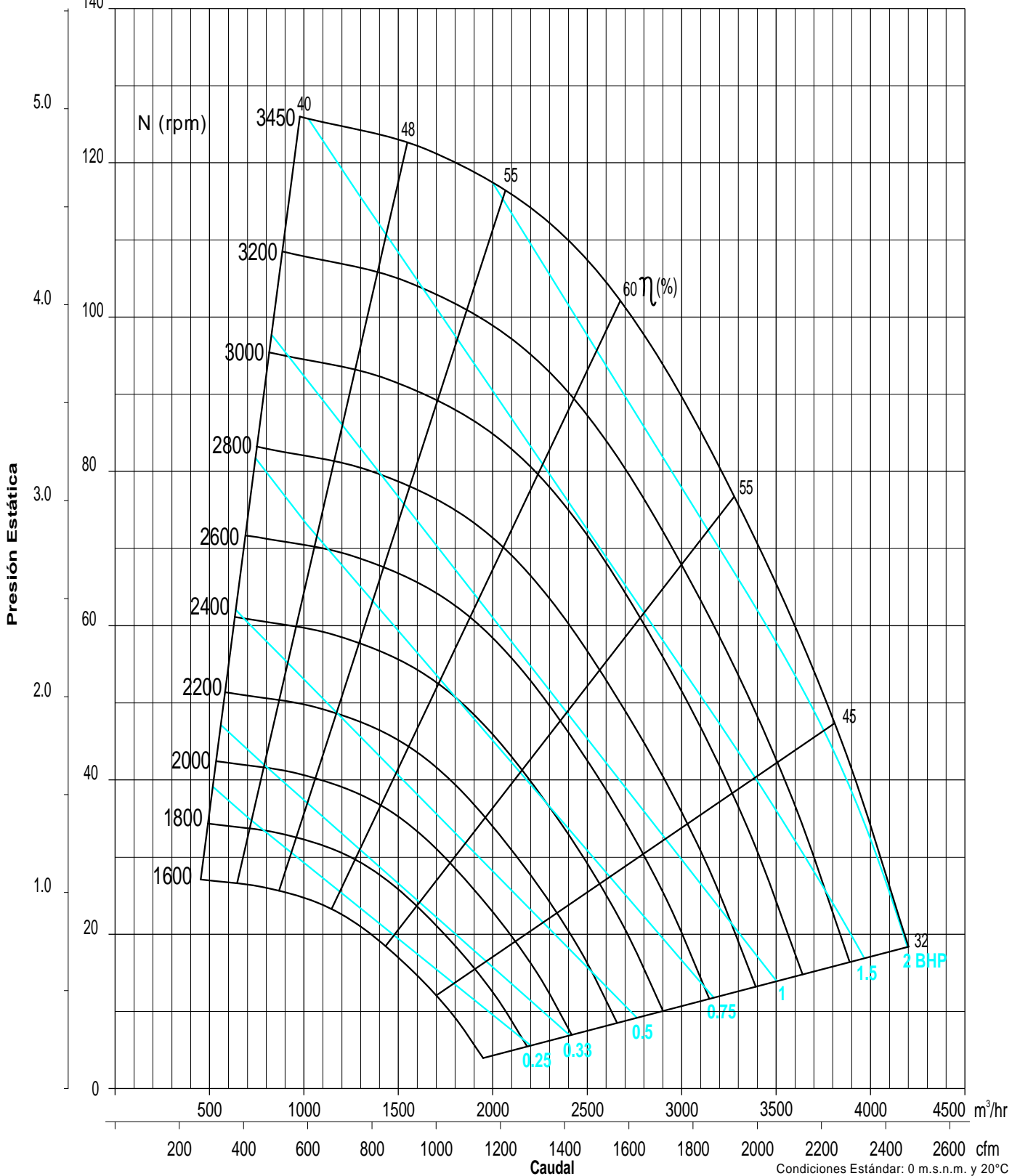
Diámetro del rodete: 288 mm (11 5/16 inch)  
 Diámetro del eje: Clase I 19.05 mm (3/4 inch)  
 BHP máximos: Clase I 1.98  
 Armazón máximo de motor: Clase I 145T  
 RPM máximas: Clase I 3450  
 Peso del equipo: 25 Kg (55 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																	
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		101.6mm/4.0"		114.3mm/4.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
		LwA		LwA		LwA		LwA		LwA		LwA		LwA		LwA		LwA	
600	900	1246	0.11	1623	0.23	1944	0.36	2228	0.49	2482	0.71	2712	0.81	2924	1.07	3121	1.26	3306	1.39
1019		58		64		71		77		80		84		86		88		90	
667	1000	1298	0.12	1654	0.24	1961	0.38	2239	0.55	2491	0.72	2720	0.87	2932	1.13	3129	1.34	3314	1.44
1133		60		66		71		76		80		84		86		88		89	
734	1100	1355	0.12	1687	0.25	1987	0.41	2254	0.59	2501	0.74	2729	0.90	2940	1.17	3137	1.30	3322	1.49
1247		62		67		71		76		80		84		86		88		89	
801	1200	1416	0.14	1729	0.26	2018	0.42	2275	0.59	2515	0.76	2740	0.97	2949	1.23	3145	1.46	3330	1.67
1361		67		68		71		76		80		84		86		87		89	
867	1300	1481	0.17	1777	0.29	2050	0.45	2304	0.63	2533	0.77	2753	0.98	2959	1.26	3154	1.41	3338	1.76
1473		67		69		72		76		79		82		85		87		89	
934	1400	1550	0.18	1829	0.32	2087	0.48	2335	0.65	2559	0.81	2770	1.07	2973	1.31	3165	1.47	3348	1.69
1587		67		70		73		77		79		82		85		87		89	
1001	1500	1620	0.20	1884	0.35	2132	0.51	2367	0.70	2590	0.89	2794	1.11	2990	1.35	3178	1.50	3359	1.75
1701		69		71		75		77		80		82		85		87		88	
1067	1600	1689	0.23	1942	0.36	2180	0.55	2403	0.73	2621	0.93	2824	1.14	3012	1.37	3195	1.64	3372	1.78
1813		71		72		76		78		80		82		84		86		88	
1134	1700	1759	0.25	2004	0.41	2232	0.58	2446	0.77	2654	0.98	2855	1.19	3057	1.46	3218	1.67	3390	1.95
1927		72		73		76		79		81		82		85		86		88	
1201	1800	1829	0.29	2069	0.42	2286	0.62	2494	0.81	2691	1.02	2886	1.25	3073	1.47	3246	1.73	3412	1.96
2040		75		75		77		79		81		84		85		86		88	
1268	1900	1902	0.30	2137	0.49	2344	0.73	2544	0.84	2735	1.07	2921	1.31	3104	1.53	3277	1.79		
2154		76		77		78		80		82		84		85		87			
1334	2000	1977	0.35	2205	0.53	2403	0.74	2596	0.94	2781	1.20	2960	1.35	3136	1.61	3308	1.85		
2266		77		78		79		81		82		84		86		87			
1401	2100	2055	0.38	2275	0.58	2466	0.80	2652	1.00	2832	1.25	3004	1.49	3172	1.67	3340	1.98		
2380		78		79		80		81		84		85		86		87			
1468	2200	2136	0.42	2346	0.62	2531	0.86	2710	1.11	2884	1.30	3052	1.56	3214	1.81				
2494		80		80		81		82		84		85		87					
1534	2300			2414	0.69	2598	0.90	2769	1.18	2938	1.40	3102	1.55	3259	1.94				
2606				81		82		84		85		86		87					
1601	2400			2484	0.74	2667	0.97	2832	1.24	2994	1.47	3154	1.71	3308	1.98				
2720				82		82		84		85		86		87					
1668	2500			2554	0.80	2737	1.07	2896	1.30	3053	1.57	3208	1.78						
2834				84		84		85		86		87							
1735	2600					2807	1.16	2963	1.39	3114	1.63	3264	1.87						
2948						85		86		87		87							
1801	2700					2876	1.24	3026	1.44	3176	1.68	3321	1.96						
3060						86		86		87		88							
1868	2800					2946	1.33	3100	1.53	3241	1.82								
3174						86		87		88									

# BNA 280

## CURVA CARACTERÍSTICA

in wg mmca  
140



# BNA 315



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 323 mm (12 11/16 inch)

Diámetro del eje: Clase I 25.4 mm (1 inch)

Clase II 25.0 mm (62/63 inch)

BHP máximos: Clase I 2.97, Clase II 6.70

Armazón máximo de motor: Clase I 182T, Clase II 213T

RPM máximas: Clase I 3200, Clase II 4200

Peso del equipo: 30 Kg (66 Lb)

CFM m³/hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																																			
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		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"		127.0mm/5.0"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
923	1100	LwA	1209	0.15	LwA	1524	0.27	LwA	1791	0.42	LwA	1912	0.50	LwA	2028	0.59	LwA	2249	0.76	LwA	2456	0.95	LwA	2650	1.15	LwA	2742	1.26	LwA	2831	1.37	LwA	3002	1.60	LwA	3164	1.82
1568		BHP	64		BHP	68		BHP	72		BHP	74		BHP	75		BHP	78		BHP	80		BHP	83		BHP	85		BHP	86		BHP	87		BHP	88	
1091	1300	LwA	1321	0.19	LwA	1591	0.32	LwA	1852	0.48	LwA	1968	0.56	LwA	2076	0.66	LwA	2282	0.84	LwA	2476	1.05	LwA	2661	1.26	LwA	2751	1.38	LwA	2838	1.49	LwA	3006	1.73	LwA	3166	1.97
1854		BHP	66		BHP	70		BHP	73		BHP	74		BHP	76		BHP	78		BHP	81		BHP	83		BHP	85		BHP	86		BHP	87		BHP	88	
1259	1500	LwA	1439	0.25	LwA	1682	0.39	LwA	1916	0.55	LwA	2031	0.64	LwA	2138	0.74	LwA	2335	0.94	LwA	2518	1.15	LwA	2691	1.38	LwA	2776	1.50	LwA	2859	1.62	LwA	3020	1.86	LwA	3176	2.12
2139		BHP	68		BHP	71		BHP	74		BHP	75		BHP	77		BHP	79		BHP	81		BHP	84		BHP	85		BHP	86		BHP	87		BHP	88	
1427	1700	LwA	1563	0.32	LwA	1790	0.48	LwA	1993	0.64	LwA	2098	0.74	LwA	2201	0.83	LwA	2398	1.05	LwA	2575	1.26	LwA	2741	1.50	LwA	2821	1.62	LwA	2899	1.76	LwA	3052	2.01	LwA	3200	2.28
2424		BHP	71		BHP	73		BHP	76		BHP	77		BHP	78		BHP	80		BHP	82		BHP	85		BHP	86		BHP	87		BHP	88		BHP	89	
1595	1900	LwA	1694	0.40	LwA	1904	0.58	LwA	2093	0.75	LwA	2184	0.86	LwA	2275	0.95	LwA	2461	1.17	LwA	2639	1.39	LwA	2802	1.64	LwA	2880	1.77	LwA	2955	1.90	LwA	3101	2.17	LwA	3241	2.44
2710		BHP	73		BHP	75		BHP	77		BHP	78		BHP	79		BHP	81		BHP	83		BHP	84		BHP	85		BHP	86		BHP	87		BHP	88	
1762	2100	LwA	1829	0.51	LwA	2022	0.70	LwA	2202	0.89	LwA	2286	0.99	LwA	2367	1.09	LwA	2533	1.31	LwA	2702	1.56	LwA	2865	1.80	LwA	2943	1.93	LwA	3017	2.07	LwA	3160	2.35	LwA	3296	2.63
2994		BHP	76		BHP	77		BHP	79		BHP	80		BHP	81		BHP	83		BHP	83		BHP	85		BHP	85		BHP	86		BHP	87		BHP	88	
1930	2300	LwA	1969	0.64	LwA	2144	0.83	LwA	2316	1.05	LwA	2397	1.14	LwA	2473	1.25	LwA	2623	1.48	LwA	2775	1.73	LwA	2929	1.98	LwA	3006	2.12	LwA	3080	2.25	LwA	3223	2.53	LwA	3358	2.83
3279		BHP	78		BHP	79		BHP	81		BHP	81		BHP	82		BHP	84		BHP	84		BHP	85		BHP	86		BHP	86		BHP	87		BHP	88	
2014	2400	LwA	2041	0.71	LwA	2207	0.91	LwA	2374	1.13	LwA	2454	1.23	LwA	2529	1.34	LwA	2673	1.57	LwA	2817	1.82	LwA	2965	2.08	LwA	3039	2.23	LwA	3112	2.36	LwA	3254	2.64	LwA	3389	2.95
3422		BHP	79		BHP	80		BHP	82		BHP	82		BHP	83		BHP	84		BHP	84		BHP	85		BHP	86		BHP	86		BHP	87		BHP	88	
2098	2500	LwA	2113	0.79	LwA	2272	0.99	LwA	2433	1.22	LwA	2511	1.33	LwA	2585	1.43	LwA	2726	1.68	LwA	2864	1.93	LwA	3004	2.19	LwA	3075	2.33	LwA	3146	2.47	LwA	3286	2.76	LwA	3421	3.06
3565		BHP	80		BHP	81		BHP	82		BHP	83		BHP	84		BHP	84		BHP	85		BHP	86		BHP	86		BHP	87		BHP	88		BHP	89	
2182	2600	LwA	2185	0.87	LwA	2337	1.07	LwA	2493	1.31	LwA	2569	1.42	LwA	2642	1.54	LwA	2781	1.78	LwA	2913	2.04	LwA	3046	2.31	LwA	3115	2.44	LwA	3182	2.59	LwA	3319	2.88	LwA	3452	3.19
3707		BHP	81		BHP	82		BHP	83		BHP	84		BHP	84		BHP	84		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	89	
2266	2700	LwA	2258	0.97	LwA	2403	1.17	LwA	2554	1.41	LwA	2628	1.53	LwA	2700	1.65	LwA	2837	1.89	LwA	2966	2.16	LwA	3093	2.43	LwA	3158	2.57	LwA	3222	2.71	LwA	3354	3.00	LwA	3485	3.33
3850		BHP	82		BHP	83		BHP	84		BHP	84		BHP	84		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	88		BHP	89	
2350	2800	LwA			LwA	2471	1.26	LwA	2616	1.52	LwA	2688	1.65	LwA	2759	1.77	LwA	2893	2.01	LwA	3020	2.28	LwA	3143	2.56	LwA	3205	2.70	LwA	3266	2.84	LwA	3392	3.15	LwA	3519	3.46
3993		BHP			BHP	84		BHP	85		BHP	84		BHP	84		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	89		BHP	89	
2518	3000	LwA			LwA	2608	1.49	LwA	2742	1.74	LwA	2811	1.88	LwA	2877	2.01	LwA	3008	2.28	LwA	3132	2.55	LwA	3249	2.84	LwA	3307	2.99	LwA	3363	3.14	LwA	3478	3.45	LwA	3595	3.77
4278		BHP			BHP	86		BHP	85		BHP	85		BHP	86		BHP	86		BHP	87		BHP	88		BHP	88		BHP	89		BHP	89		BHP	90	
2686	3200	LwA			LwA	2749	1.73	LwA	2873	2.00	LwA	2937	2.15	LwA	3000	2.29	LwA	3125	2.57	LwA	3246	2.86	LwA	3360	3.15	LwA	3416	3.30	LwA	3469	3.46	LwA	3577	3.77	LwA	3684	4.10
4564		BHP			BHP	86		BHP	86		BHP	87		BHP	87		BHP	87		BHP	88		BHP	89		BHP	89		BHP	90		BHP	90		BHP	91	
2854	3400	LwA			LwA			LwA	3007	2.28	LwA	3066	2.43	LwA	3126	2.59	LwA	3245	2.90	LwA	3361	3.19	LwA	3473	3.50	LwA	3528	3.66	LwA	3580	3.81	LwA	3683	4.13	LwA	3784	4.47
4849		BHP			BHP			BHP	88		BHP	88		BHP	88		BHP	89		BHP	89		BHP	90		BHP	90		BHP	90		BHP	91		BHP	92	
3021	3600	LwA			LwA			LwA	3143	2.60	LwA	3199	2.75	LwA	3254	2.91	LwA	3367	3.23	LwA	3479	3.57	LwA	3588	3.88	LwA	3641	4.04	LwA	3693	4.20	LwA	3793	4.53	LwA	3891	4.87
5133		BHP			BHP			BHP	89		BHP	89		BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	91		BHP	92		BHP	93	
3189	3800	LwA			LwA			LwA			LwA	3334	3.11	LwA	3386	3.27	LwA	3493	3.61	LwA	3600	3.96	LwA	3705	4.29	LwA	3757	4.47	LwA	3808	4.63	LwA	3906	4.98	LwA	4001	5.32
5418		BHP			BHP			BHP			BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92		BHP	92		BHP	93		BHP	93	
3273	3900	LwA			LwA			LwA			LwA	3403	3.30	LwA	3454	3.46	LwA	3558	3.81	LwA	3662	4.16	LwA	3765	4.52	LwA	3816	4.69	LwA	3866	4.85	LwA	3964	5.20	LwA	4058	5.57
5561		BHP			BHP			BHP			BHP	91		BHP	91		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93		BHP	93		BHP	94	

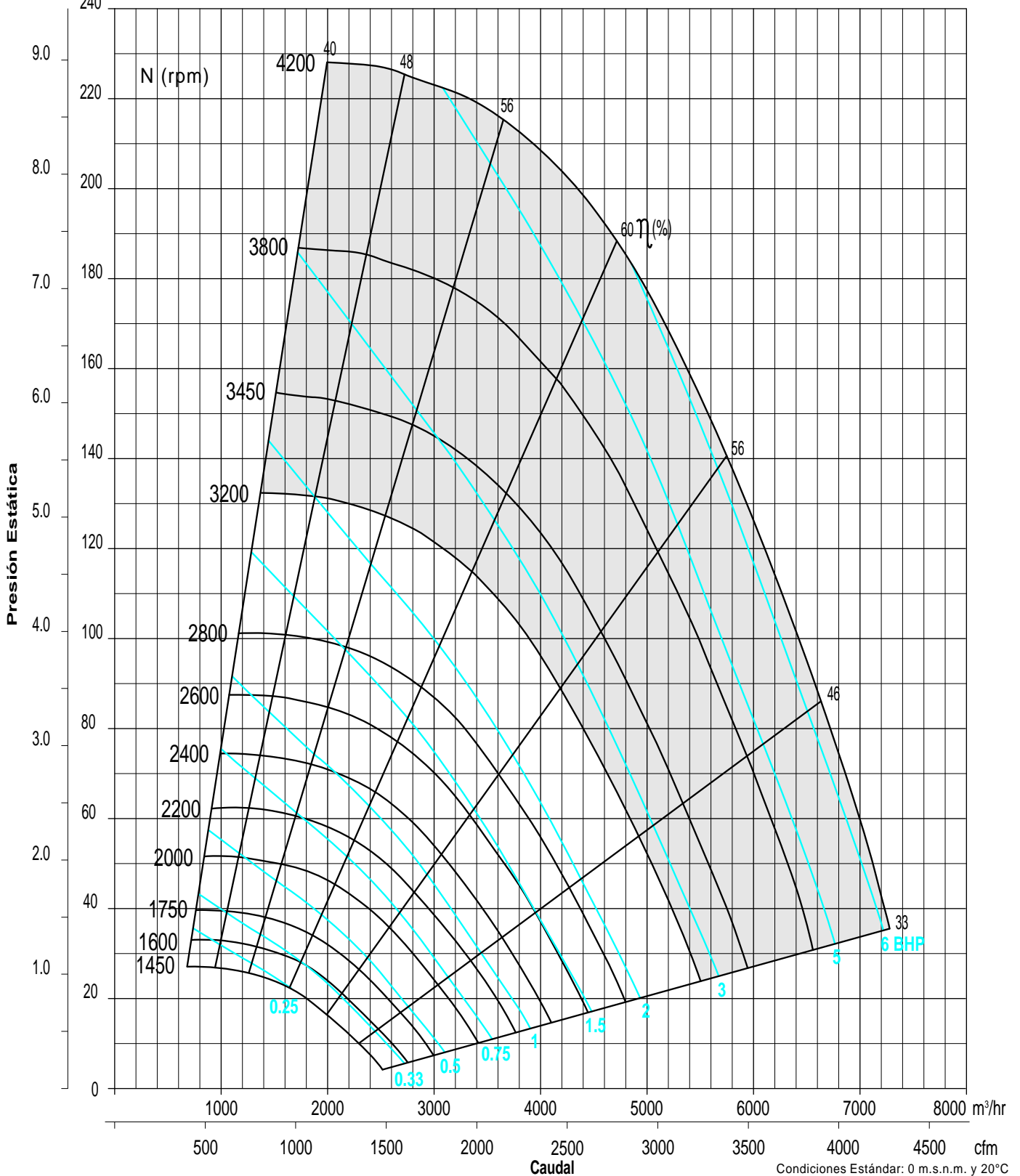
CFM m³/hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																																			
		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		209.6mm/8.25"		215.9mm/8.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP										
1175	1400	LwA	3247	2.17	LwA	3322	2.31	LwA	3396	2.43	LwA	3468	2.56	LwA	3609	2.84	LwA	3678	2.98	LwA	3734	3.12	LwA	3875	3.42	LwA	3940	3.57	LwA	4002	3.71	LwA	4065	3.86	LwA	4125	4.02
1996		BHP	89		BHP	89		BHP	90		BHP	90		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93		BHP	93		BHP	94		BHP	94	
1343	1600	LwA	3261	2.33	LwA	3334	2.47	LwA	3406	2.60	LwA	3476	2.75	LwA	3615	3.03	LwA	3683	3.18	LwA	3742	3.33	LwA	3878	3.62	LwA	3942	3.78	LwA	4004	3.93	LwA	4067	4.09	LwA	4127	4.25
2282		BHP	89		BHP	89		BHP	90		BHP	90		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93		BHP	93		BHP	94		BHP	94	
1511	1800	LwA	3290	2.51	LwA	3359	2.64	LwA	3428	2.79	LwA	3496	2.94	LwA	3630	3.23	LwA	3696																			

# BNA 315



## CURVA CARACTERÍSTICA

in wg mmca  
240



# BNA 355



## CARACTERÍSTICAS PRINCIPALES

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

Diámetro del eje: Clase I 25.4 mm (1 inch)

Clase II 30.0 mm (1 1/8 inch)

BHP máximos: Clase I 4.02, Clase II 8.04

Armazón máximo de motor: Clase I 184T, Clase II 215T

RPM máximas: Clase I 2800, Clase II 3700

Peso del equipo: 35 Kg (77 Lb)

CFM m³/hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		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"		127.0mm/5.0"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
1065	1000	LWA	1033	0.16	LWA	1329	0.31	LWA	1572	0.50	LWA	1685	0.59	LWA	1792	0.70	LWA	1995	0.91	LWA	2183	1.14	LWA	2356	1.39	LWA	2439	1.52	LWA	2518	1.65	LWA	2671	1.92	LWA	2814	2.21
1809		61	65	68	70	71	74	77	79	80	81	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	
1278	1200	LWA	1128	0.21	LWA	1386	0.38	LWA	1621	0.56	LWA	1726	0.67	LWA	1825	0.78	LWA	2014	1.01	LWA	2193	1.26	LWA	2362	1.52	LWA	2443	1.65	LWA	2521	1.80	LWA	2673	2.08	LWA	2816	2.37
2171		64	67	70	71	72	75	77	79	80	81	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	
1491	1400	LWA	1230	0.28	LWA	1456	0.44	LWA	1677	0.64	LWA	1781	0.75	LWA	1876	0.87	LWA	2054	1.11	LWA	2220	1.38	LWA	2380	1.65	LWA	2458	1.80	LWA	2532	1.94	LWA	2680	2.24	LWA	2821	2.56
2533		67	69	71	72	74	76	77	78	80	81	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	
1704	1600	LWA	1339	0.36	LWA	1547	0.55	LWA	1739	0.75	LWA	1838	0.86	LWA	1932	0.98	LWA	2107	1.23	LWA	2266	1.52	LWA	2417	1.80	LWA	2490	1.96	LWA	2561	2.11	LWA	2700	2.43	LWA	2836	2.75
2895		70	72	73	74	75	77	77	78	80	81	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	
1917	1800	LWA	1453	0.46	LWA	1647	0.66	LWA	1820	0.89	LWA	1906	0.99	LWA	1992	1.11	LWA	2163	1.38	LWA	2321	1.66	LWA	2467	1.97	LWA	2537	2.13	LWA	2605	2.28	LWA	2737	2.61	LWA	2865	2.96
3257		73	74	75	76	77	78	79	80	81	82	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	
2130	2000	LWA	1573	0.58	LWA	1751	0.80	LWA	1914	1.03	LWA	1991	1.15	LWA	2067	1.29	LWA	2223	1.56	LWA	2378	1.85	LWA	2523	2.16	LWA	2592	2.32	LWA	2658	2.48	LWA	2786	2.83	LWA	2909	3.18
3619		75	76	77	77	78	79	79	80	81	82	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	
2344	2200	LWA	1697	0.72	LWA	1859	0.97	LWA	2015	1.22	LWA	2088	1.34	LWA	2158	1.48	LWA	2296	1.76	LWA	2439	2.05	LWA	2580	2.37	LWA	2649	2.53	LWA	2715	2.71	LWA	2842	3.06	LWA	2962	3.42
3982		77	78	79	79	80	81	81	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	108	109	110
2450	2300	LWA	1761	0.80	LWA	1914	1.06	LWA	2067	1.31	LWA	2138	1.45	LWA	2206	1.58	LWA	2339	1.86	LWA	2473	2.17	LWA	2610	2.49	LWA	2678	2.66	LWA	2743	2.83	LWA	2870	3.18	LWA	2990	3.55
4163		78	79	80	80	81	82	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	108	109	110	
2557	2400	LWA	1824	0.90	LWA	1971	1.15	LWA	2119	1.42	LWA	2189	1.56	LWA	2256	1.69	LWA	2384	1.98	LWA	2512	2.29	LWA	2642	2.61	LWA	2708	2.79	LWA	2772	2.96	LWA	2899	3.33	LWA	3019	3.69
4344		79	80	81	81	82	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	108	109	110		
2663	2500	LWA	1889	0.99	LWA	2028	1.25	LWA	2171	1.53	LWA	2240	1.68	LWA	2306	1.81	LWA	2431	2.11	LWA	2553	2.43	LWA	2677	2.75	LWA	2741	2.92	LWA	2803	3.10	LWA	2927	3.46	LWA	3047	3.84
4524		80	81	82	82	83	83	84	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110		
2770	2600	LWA	1954	1.10	LWA	2087	1.35	LWA	2225	1.65	LWA	2293	1.80	LWA	2357	1.94	LWA	2481	2.25	LWA	2598	2.56	LWA	2716	2.90	LWA	2776	3.07	LWA	2836	3.25	LWA	2957	3.62	LWA	3075	4.00
4706		81	82	83	83	84	84	85	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110			
2983	2800	LWA	2207	1.61	LWA	2335	1.92	LWA	2399	2.08	LWA	2461	2.23	LWA	2581	2.55	LWA	2694	2.88	LWA	2803	3.22	LWA	2858	3.39	LWA	2912	3.58	LWA	3023	3.96	LWA	3136	4.34			
5068		82	83	84	84	85	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	110				
3196	3000	LWA	2330	1.88	LWA	2449	2.20	LWA	2509	2.37	LWA	2568	2.55	LWA	2684	2.88	LWA	2793	3.22	LWA	2898	3.58	LWA	2949	3.77	LWA	2999	3.94	LWA	3101	4.33	LWA	3205	4.72			
5430		85	86	86	86	87	87	88	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110						
3409	3200	LWA	2456	2.20	LWA	2565	2.52	LWA	2622	2.71	LWA	2678	2.88	LWA	2789	3.25	LWA	2895	3.61	LWA	2997	3.98	LWA	3046	4.17	LWA	3094	4.36	LWA	3190	4.75	LWA	3285	4.67			
5792		87	87	87	87	88	88	89	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110							
3622	3400	LWA	2685	2.88	LWA	2738	3.07	LWA	2791	3.26	LWA	2896	3.65	LWA	2999	4.04	LWA	3098	4.41	LWA	3147	4.61	LWA	3193	4.81	LWA	3285	5.22	LWA	3375	5.63						
6154		88	88	88	88	89	89	90	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110								
3835	3600	LWA	2857	3.49	LWA	2906	3.67	LWA	3006	4.08	LWA	3105	4.49	LWA	3202	4.89	LWA	3249	5.11	LWA	3295	5.31	LWA	3384	5.73	LWA	3470	6.16									
6516		89	89	89	89	90	90	91	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110									
4048	3800	LWA	2979	3.94	LWA	3025	4.13	LWA	3119	4.56	LWA	3214	4.99	LWA	3307	5.42	LWA	3353	5.63	LWA	3397	5.85	LWA	3485	6.28	LWA	3570	6.72									
6878		91	91	91	91	92	92	93	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110											
4154	3900	LWA	3040	4.18	LWA	3085	4.37	LWA	3176	4.80	LWA	3269	5.24	LWA	3360	5.69	LWA	3405	5.91	LWA	3449	6.13	LWA	3536	6.57	LWA	3620	7.01									
7058		91	91	91	91	92	92	93	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110											

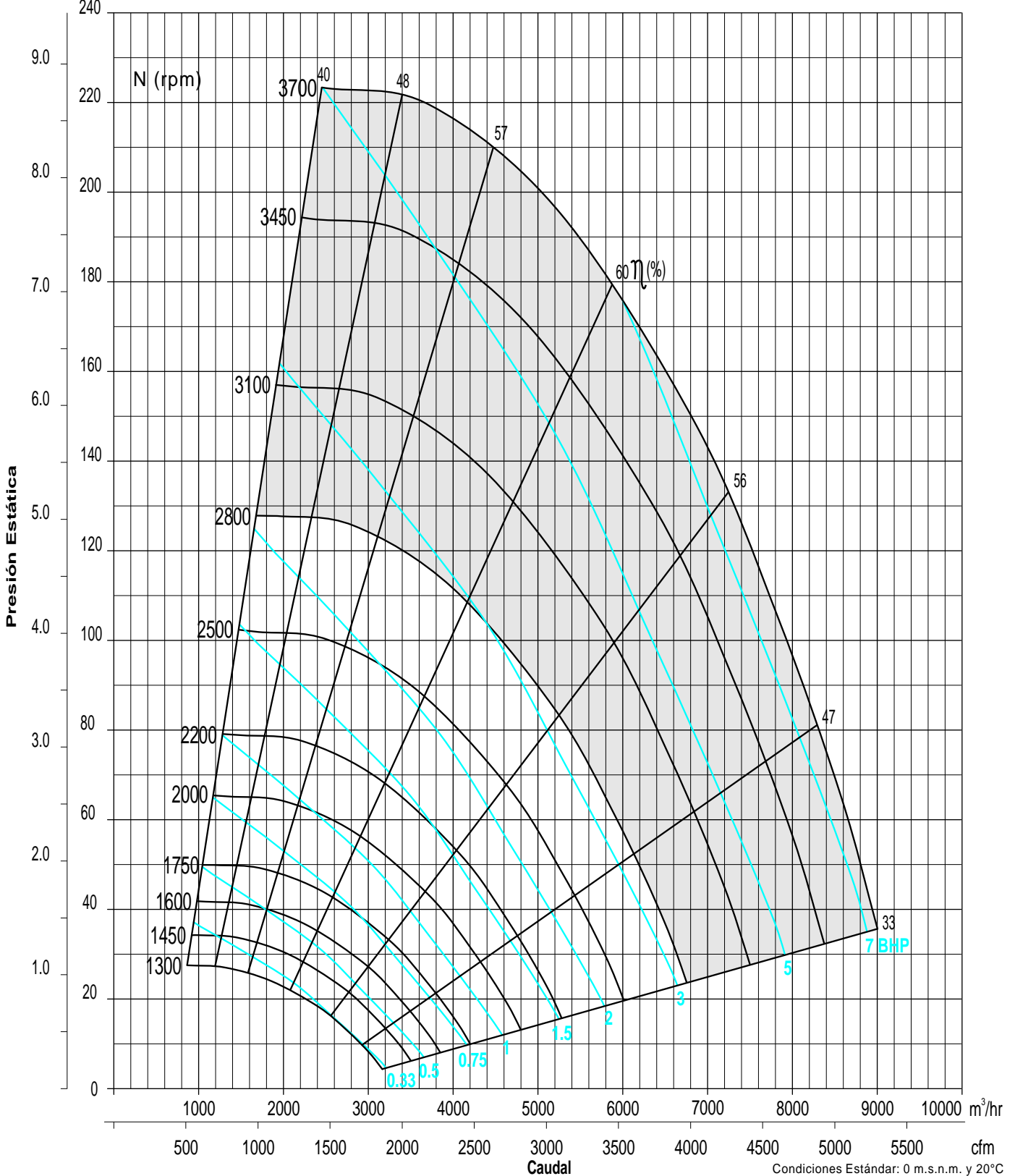
CFM m³/hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		209.6mm/8.25"		215.9mm/8.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
1491	1400	LWA	2890	2.72	LWA	2956	2.88	LWA	3023	3.04	LWA	3086	3.22	LWA	3211	3.55	LWA	3273	3.73	LWA	3332	3.92	LWA	3449	4.28	LWA	3506	4.47	LWA	3561	4.65	LWA	3617	4.84	LWA	3671	5.03
2533		84	85	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101
1704	1600	LWA	2902	2.92	LWA	2967	3.08	LWA	3031	3.26	LWA	3094	3.43	LWA	3217	3.80	LWA	3277	3.98	LWA	3336	4.16	LWA	3451	4.55	LWA	3508	4.73	LWA	3564	4.92	LWA	3619	5.12	LWA	3672	5.32
2895		84	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	101	101	
1917	1800	LWA	2928	3.14	LWA	2990	3.31	L																													

# BNA 355



## CURVA CARACTERÍSTICA

in wg mmca





# BNA 400



## CARACTERÍSTICAS PRINCIPALES

Diámetro rodete: 406 mm (16 inch)  
 Diámetro del eje: Clase I 25.4 mm (1 inch)  
 Clase II 30.0 mm (1 3/16 inch)

BHP máximas: Clase I 4.69, Clase II 9.38  
 Armazón máximo de motor: Clase I 184T, Clase II 215T

RPM máximas: Clase I 2500, Clase II 3300  
 Peso del equipo: 40 Kg (88 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																																			
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		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"		127.0mm/5.0"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
1220	900	LwA	887	0.17	LwA	1157	0.35	LwA	1380	0.56	LwA	1484	0.68	LwA	1581	0.80	LwA	1764	1.06	LwA	1931	1.33	LwA	2086	1.62	LwA	2159	1.78	LwA	2229	1.93	LwA	2364	2.27	LwA	2491	2.60
2073		BHP	60	65	BHP	69	71	BHP	72	75	BHP	77	79	BHP	80	81	BHP	82	83	BHP	84	85	BHP	86	87	BHP	88	89	BHP	90	91	BHP	92	93	BHP	94	95
1491	1100	RPM	963	0.23	RPM	1207	0.42	RPM	1416	0.64	RPM	1511	0.76	RPM	1601	0.90	RPM	1774	1.18	RPM	1937	1.46	RPM	2088	1.78	RPM	2161	1.94	RPM	2231	2.11	RPM	2366	2.44	RPM	2493	2.80
2533		BHP	63	67	BHP	70	71	BHP	73	75	BHP	77	79	BHP	80	81	BHP	82	83	BHP	84	85	BHP	86	87	BHP	88	89	BHP	90	91	BHP	92	93	BHP	94	95
1762	1300	RPM	1054	0.31	RPM	1263	0.51	RPM	1466	0.74	RPM	1558	0.87	RPM	1642	1.01	RPM	1803	1.30	RPM	1955	1.62	RPM	2099	1.94	RPM	2170	2.12	RPM	2238	2.29	RPM	2370	2.64	RPM	2496	3.02
2994		BHP	67	69	BHP	72	73	BHP	74	76	BHP	77	79	BHP	80	81	BHP	82	83	BHP	84	85	BHP	86	87	BHP	88	89	BHP	90	91	BHP	92	93	BHP	94	95
2034	1500	RPM	1150	0.40	RPM	1339	0.62	RPM	1519	0.86	RPM	1609	1.01	RPM	1693	1.14	RPM	1848	1.45	RPM	1991	1.77	RPM	2126	2.12	RPM	2193	2.31	RPM	2257	2.49	RPM	2383	2.87	RPM	2505	3.26
3456		BHP	70	72	BHP	74	75	BHP	76	77	BHP	79	80	BHP	81	82	BHP	83	84	BHP	85	86	BHP	87	88	BHP	89	90	BHP	91	92	BHP	93	94	BHP	95	
2305	1700	RPM	1251	0.51	RPM	1427	0.75	RPM	1585	1.01	RPM	1665	1.15	RPM	1745	1.30	RPM	1898	1.62	RPM	2038	1.96	RPM	2168	2.32	RPM	2231	2.51	RPM	2292	2.70	RPM	2411	3.10	RPM	2526	3.50
3916		BHP	73	74	BHP	76	77	BHP	77	79	BHP	80	81	BHP	82	83	BHP	83	84	BHP	85	86	BHP	86	87	BHP	88	89	BHP	90	91	BHP	92	93	BHP	94	95
2576	1900	RPM	1357	0.66	RPM	1519	0.91	RPM	1666	1.19	RPM	1737	1.34	RPM	1807	1.49	RPM	1950	1.82	RPM	2089	2.17	RPM	2218	2.53	RPM	2279	2.74	RPM	2338	2.94	RPM	2452	3.34	RPM	2562	3.77
4377		BHP	76	77	BHP	78	78	BHP	79	80	BHP	81	82	BHP	82	83	BHP	83	84	BHP	84	85	BHP	85	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	90	91
2847	2100	RPM	1467	0.82	RPM	1615	1.11	RPM	1756	1.39	RPM	1821	1.56	RPM	1884	1.72	RPM	2012	2.05	RPM	2142	2.41	RPM	2268	2.79	RPM	2330	2.99	RPM	2388	3.21	RPM	2501	3.62	RPM	2608	4.06
4837		BHP	78	79	BHP	80	80	BHP	80	81	BHP	81	82	BHP	82	83	BHP	83	84	BHP	84	85	BHP	85	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	90	91
3118	2300	RPM	1581	1.02	RPM	1715	1.33	RPM	1848	1.65	RPM	1911	1.81	RPM	1971	1.97	RPM	2087	2.32	RPM	2203	2.70	RPM	2322	3.08	RPM	2382	3.30	RPM	2439	3.50	RPM	2551	3.93	RPM	2658	4.39
5297		BHP	80	81	BHP	82	82	BHP	82	83	BHP	83	84	BHP	84	85	BHP	85	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	89	90	BHP	90	91	BHP	92	93
3254	2400	RPM	1639	1.14	RPM	1766	1.45	RPM	1895	1.78	RPM	1957	1.94	RPM	2016	2.12	RPM	2129	2.48	RPM	2239	2.86	RPM	2353	3.26	RPM	2410	3.46	RPM	2466	3.67	RPM	2577	4.12	RPM	2683	4.56
5529		BHP	81	82	BHP	82	83	BHP	83	84	BHP	84	85	BHP	85	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	89	90	BHP	90	91	BHP	91	92	BHP	92	93
3389	2500	RPM	1697	1.26	RPM	1818	1.57	RPM	1943	1.93	RPM	2004	2.11	RPM	2062	2.27	RPM	2172	2.63	RPM	2278	3.02	RPM	2385	3.43	RPM	2440	3.63	RPM	2495	3.85	RPM	2603	4.29	RPM	2709	4.75
5758		BHP	82	83	BHP	83	84	BHP	84	85	BHP	85	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	89	90	BHP	90	91	BHP	91	92	BHP	92	93	BHP	93	94
3525	2600	RPM	1756	1.39	RPM	1872	1.72	RPM	1992	2.08	RPM	2051	2.27	RPM	2108	2.44	RPM	2216	2.80	RPM	2319	3.21	RPM	2422	3.61	RPM	2474	3.82	RPM	2526	4.04	RPM	2631	4.49	RPM	2735	4.96
5989		BHP	83	84	BHP	84	84	BHP	84	85	BHP	85	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	89	90	BHP	90	91	BHP	91	92	BHP	92	93	BHP	93	94
3796	2800	RPM	1980	2.02	RPM	2092	2.40	RPM	2148	2.60	RPM	2202	2.80	RPM	2307	3.19	RPM	2406	3.59	RPM	2502	4.01	RPM	2549	4.24	RPM	2596	4.45	RPM	2693	4.92	RPM	2791	5.39			
6449		BHP	85	86	BHP	86	86	BHP	86	87	BHP	87	88	BHP	88	89	BHP	89	90	BHP	90	91	BHP	91	92	BHP	92	93	BHP	93	94	BHP	94	95	BHP	95	96
4067	3000	RPM	2092	2.37	RPM	2195	2.78	RPM	2247	2.99	RPM	2299	3.19	RPM	2400	3.61	RPM	2497	4.02	RPM	2588	4.47	RPM	2633	4.69	RPM	2677	4.92	RPM	2766	5.39	RPM	2855	5.89			
6910		BHP	87	87	BHP	88	88	BHP	88	89	BHP	89	90	BHP	90	91	BHP	91	92	BHP	92	93	BHP	93	94	BHP	94	95	BHP	95	96	BHP	96	97	BHP	97	98
4338	3200	RPM	2206	2.79	RPM	2301	3.18	RPM	2350	3.41	RPM	2398	3.63	RPM	2495	4.08	RPM	2589	4.52	RPM	2678	4.96	RPM	2722	5.20	RPM	2764	5.43	RPM	2847	5.91	RPM	2930	6.42			
7370		BHP	88	89	BHP	89	89	BHP	89	90	BHP	90	91	BHP	91	92	BHP	92	93	BHP	93	94	BHP	94	95	BHP	95	96	BHP	96	97	BHP	97	98	BHP	98	99
4610	3400	RPM			RPM	2410	3.65	RPM	2455	3.88	RPM	2501	4.10	RPM	2593	4.59	RPM	2683	5.06	RPM	2770	5.53	RPM	2813	5.77	RPM	2854	6.01	RPM	2934	6.50	RPM	3013	7.01			
7832		BHP			BHP	90	90	BHP	91	91	BHP	91	91	BHP	91	92	BHP	92	92	BHP	92	93	BHP	93	94	BHP	94	95	BHP	95	96	BHP	96	97	BHP	97	98
4881	3600	RPM						RPM	2563	4.40	RPM	2606	4.63	RPM	2693	5.14	RPM	2779	5.65	RPM	2864	6.14	RPM	2905	6.40	RPM	2945	6.64	RPM	3024	7.15	RPM	3100	7.67			
8293		BHP						BHP	92	92	BHP	92	92	BHP	92	93	BHP	93	93	BHP	93	94	BHP	94	95	BHP	95	96	BHP	96	97	BHP	97	98	BHP	98	99
5152	3800	RPM						RPM	2673	4.98	RPM	2713	5.22	RPM	2795	5.74	RPM	2878	6.28	RPM	2959	6.80	RPM	2999	7.07	RPM	3038	7.32	RPM	3115	7.84	RPM	3190	8.39			
8753		BHP						BHP	93	93	BHP	93	93	BHP	93	94	BHP	94	94	BHP	94	95	BHP	95	96	BHP	96	97	BHP	97	98	BHP	98	99	BHP	99	100
5287	3900	RPM						RPM	2729	5.28	RPM	2768	5.53	RPM	2847	6.05	RPM	2928	6.60	RPM	3008	7.15	RPM	3047	7.43	RPM	3086	7.68	RPM	3162	8.23	RPM	3235	8.77			
8983		BHP						BHP	93	94	BHP	94	94	BHP	94	94	BHP	94	94	BHP	94	95	BHP	95	96	BHP	96	97	BHP	97	98	BHP	98	99	BHP	99	100

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																																			
		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		209.6mm/8.25"		215.9mm/8.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP										
1762	1300	LwA	2557	3.21	LwA	2616	3.41	LwA	2675	3.61	LwA	2732	3.81	LwA	2843	4.21	LwA	2897	4.43	LwA	2950	4.64	LwA	3053	5.07	LwA	3104	5.30	LwA	3153	5.51	LwA	3202	5.74	LwA	3249	5.97
2994		BHP	84	85	BHP	86	86	BHP	87	87	BHP	87	88	BHP	88	88	BHP	88	89	BHP	89	89	BHP	89	90	BHP	90	90	BHP	90	90	BHP	90	91	BHP	91	91
2034	1500	RPM	2565	3.46	RPM	2623	3.66	RPM	2680	3.86	RPM	2736	4.08	RPM	2846	4.51	RPM	2900	4.72	RPM	2952	4.93	RPM	3055	5.39	RPM	3105	5.62	RPM	3154	5.85	RPM	3203	6.09	RPM	3251	6.33
3456		BHP	84	85																																	

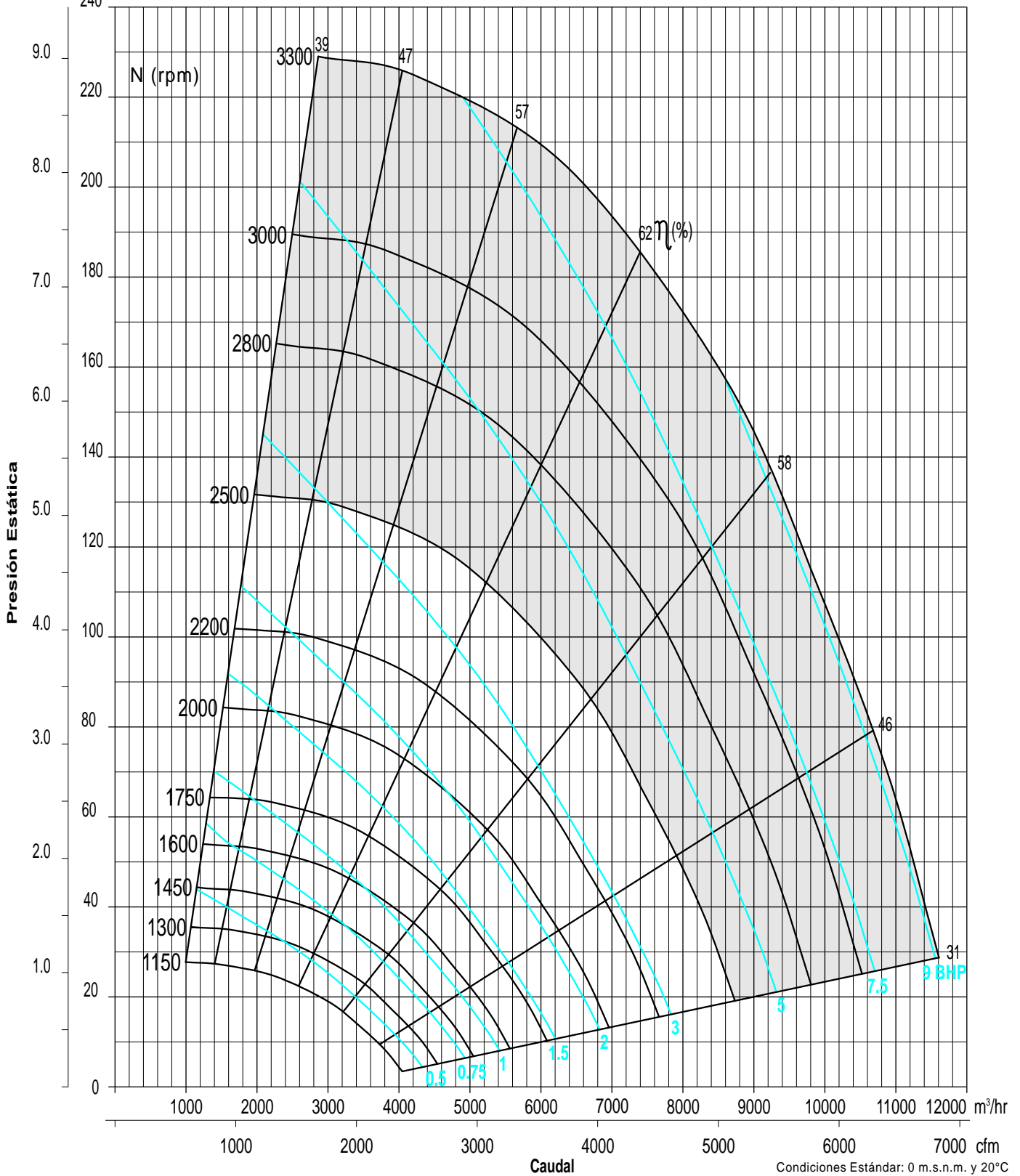


# BNA 400



## CURVA CARACTERÍSTICA

in wg mmca  
240



# BNA 450



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 455 mm (17 15/16 inch)  
 Diámetro del eje: Clase I 38.1 mm (1 1/2 inch)  
 Clase II 35.0 mm (1 3/8 inch)

BHP máximas: Clase I 5.36, Clase II 13.4  
 Armazón máximo de motor: Clase I 213T, Clase II 254T

RPM máximas: Clase I 2200, Clase II 2900  
 Peso del equipo: 60 Kg (132 Lb)

CFM m³/hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		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"		127.0mm/5.0"	
		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
1198	700	730	0.16	990	0.34	1207	0.55	1311	0.67	1398	0.79	1518	1.05	1695	1.33	1798	1.62	1868	1.77	1926	1.93	2036	2.24	2121	2.43
2035		56		63		69		71		73		75		78		80		81		82		83		84	
1711	1000	801	0.24	1034	0.46	1235	0.70	1322	0.82	1401	0.95	1556	1.25	1707	1.56	1822	1.89	1882	2.07	1949	2.24	2058	2.60	2149	2.98
2907		61		65		69		71		73		75		78		80		81		82		83		85	
2053	1200	877	0.32	1069	0.55	1263	0.82	1352	0.95	1433	1.10	1580	1.41	1713	1.73	1841	2.08	1905	2.27	1968	2.45	2072	2.84	2179	3.25
3488		64		67		70		72		73		76		78		80		81		82		83		85	
2395	1400	959	0.43	1128	0.67	1294	0.95	1379	1.11	1460	1.26	1610	1.60	1745	1.93	1866	2.31	1924	2.49	1980	2.68	2090	3.08	2200	3.51
4069		68		69		71		72		73		76		78		80		81		82		83		85	
2737	1600	1048	0.56	1201	0.83	1344	1.13	1418	1.29	1491	1.46	1637	1.81	1773	2.17	1897	2.56	1956	2.76	2012	2.96	2118	3.38	2218	3.81
4650		71		72		73		74		75		76		78		80		81		82		83		85	
3080	1800	1143	0.72	1282	1.02	1412	1.34	1475	1.50	1538	1.68	1670	2.05	1800	2.44	1925	2.86	1984	3.06	2041	3.27	2149	3.70	2251	4.16
5233		74		75		76		76		77		78		79		80		81		82		83		85	
3422	2000	1241	0.93	1365	1.25	1488	1.58	1546	1.76	1602	1.94	1716	2.33	1835	2.74	1953	3.18	2011	3.39	2068	3.62	2177	4.08	2280	4.55
5814		76		77		78		78		78		79		80		81		82		82		84		85	
3764	2200	1342	1.17	1454	1.50	1568	1.86	1623	2.05	1675	2.25	1779	2.66	1883	3.07	1990	3.53	2044	3.75	2098	4.00	2204	4.48	2307	4.98
6395		79		79		80		80		80		81		82		82		83		83		84		85	
3935	2300	1394	1.30	1499	1.65	1609	2.02	1663	2.23	1714	2.41	1814	2.83	1912	3.26	2013	3.71	2065	3.96	2117	4.20	2220	4.69	2321	5.20
6686		80		80		81		81		81		82		82		83		83		84		84		85	
4106	2400	1445	1.43	1546	1.80	1651	2.19	1703	2.40	1753	2.60	1850	3.02	1945	3.46	2040	3.93	2089	4.17	2138	4.41	2237	4.92	2336	5.44
6976		81		81		82		82		82		83		83		84		84		84		84		85	
4448	2600	1548	1.77	1642	2.16	1738	2.56	1787	2.78	1835	2.99	1927	3.45	2016	3.90	2103	4.39	2147	4.63	2191	4.88	2281	5.40	2372	5.94
7557		83		83		83		84		84		85		85		85		85		86		86		87	
4790	2800	1653	2.13	1741	2.55	1828	2.99	1874	3.22	1919	3.45	2007	3.92	2092	4.40	2174	4.89	2215	5.15	2255	5.42	2337	5.94	2420	6.49
8138		85		85		85		86		86		86		86		87		87		87		87		88	
5133	3000			1842	3.00	1922	3.46	1964	3.70	2006	3.94	2090	4.44	2172	4.95	2251	5.47	2289	5.74	2327	6.01	2403	6.56	2479	7.12
8721				87		87		87		87		87		88		88		88		89		89		89	
5475	3200			1944	3.53	2019	4.00	2057	4.25	2096	4.49	2175	5.02	2253	5.55	2330	6.10	2367	6.38	2403	6.66	2475	7.23	2546	7.82
9302				88		88		88		89		89		89		90		90		90		90		90	
5817	3400					2118	4.60	2153	4.85	2189	5.12	2263	5.66	2337	6.22	2411	6.80	2447	7.08	2482	7.38	2551	7.97	2619	8.57
9883						90		90		90		90		91		91		91		91		91		92	
6159	3600							2251	5.54	2285	5.81	2354	6.37	2424	6.95	2494	7.55	2529	7.86	2563	8.15	2630	8.77	2695	9.40
10464									92		92		92		92		92		92		93		93		93
6672	3900							2402	6.68	2432	6.97	2494	7.56	2558	8.18	2623	8.81	2656	9.13	2688	9.45	2752	10.1	2815	10.8
11336									94		94		94		94		94		94		95		95		95
6843	4000							2452	7.11	2482	7.40	2542	8.01	2604	8.62	2667	9.27	2699	9.60	2730	9.92	2793	10.6	2855	11.3
11626									94		94		95		95		95		95		95		95		95

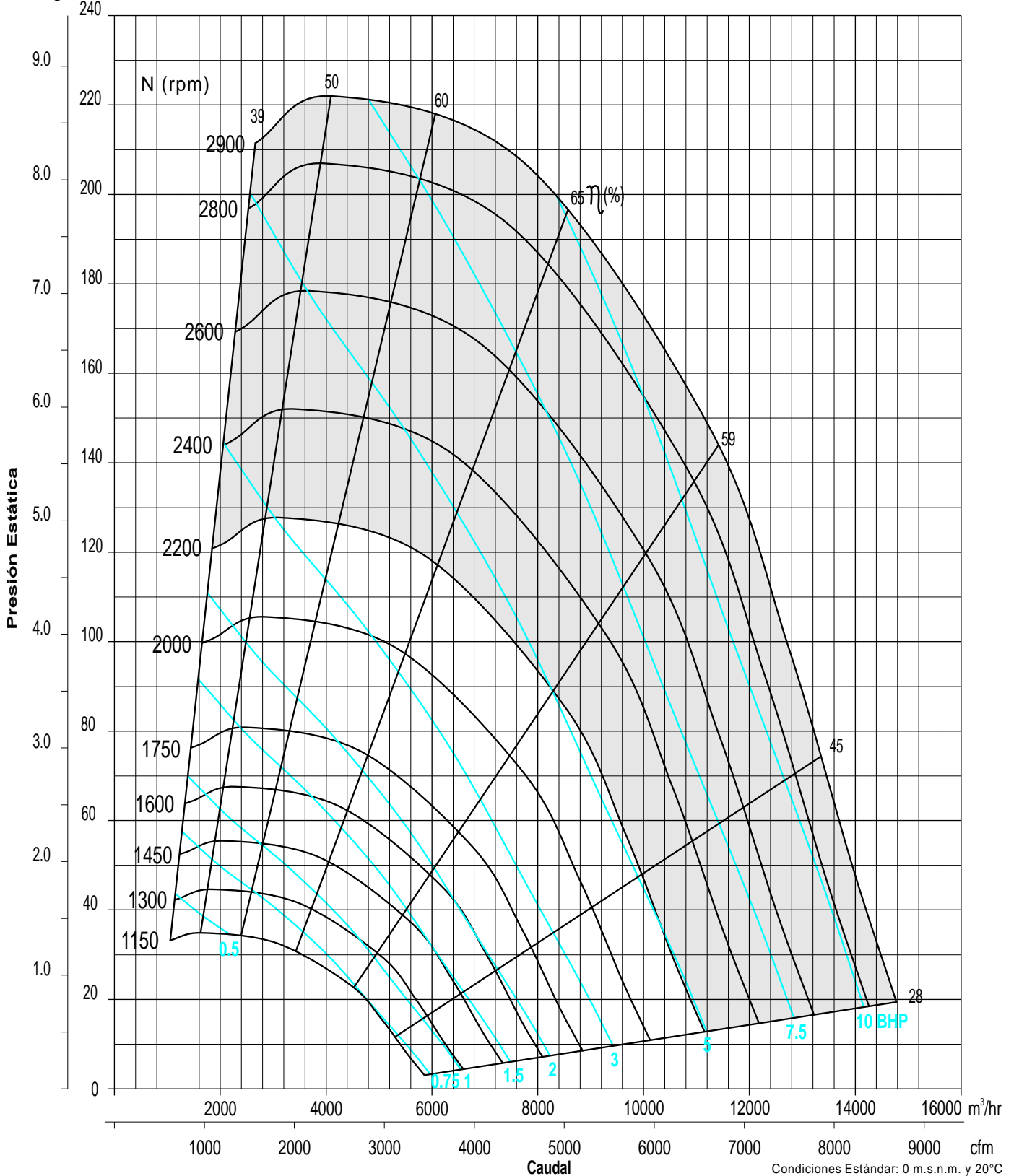
CFM m³/hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		203.2mm/8.0"		209.6mm/8.25"	
		RPM LwA	BHP	RPM LwA	BHP	RPM LwA	BHP	RPM LwA	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
2566	1500	2257	3.88	2308	4.10	2359	4.33	2410	4.56	2461	4.80	2510	5.03	2536	5.27	2581	5.51	2626	5.77	2672	6.01	2759	6.52	2798	6.79
4360		85		86		87		87		88		89		89		90		90		91		91		92	
2908	1700	2283	4.21	2330	4.44	2377	4.67	2422	4.91	2468	5.15	2513	5.40	2559	5.65	2604	5.90	2649	6.16	2694	6.42	2783	6.95	2828	7.21
4941		85		86		87		87		88		89		89		90		90		91		91		92	
3251	1900	2316	4.59	2363	4.81	2410	5.06	2454	5.31	2499	5.55	2542	5.81	2584	6.06	2626	6.33	2668	6.60	2708	6.85	2790	7.40	2831	7.68
5523		85		86		87		87		88		88		89		90		90		91		91		92	
3422	2000	2330	4.79	2378	5.03	2425	5.28	2470	5.53	2515	5.78	2558	6.03	2601	6.30	2642	6.56	2683	6.83	2723	7.09	2803	7.66	2842	7.94
5814		85		86		87		87		88		88		89		90		90		91		91		92	
3593	2100	2344	5.00	2392	5.26	2439	5.50	2485	5.75	2530	6.02	2574	6.28	2617	6.54	2659	6.81	2700	7.08	2740	7.35	2818	7.91	2857	8.19
6105		86		86		87		87		88		88		89		89		90		91		91		92	
3764	2200	2357	5.23	2405	5.48	2453	5.74	2499	5.99	2544	6.26	2588	6.53	2632	6.80	2674	7.07	2716	7.35	2756	7.62	2835	8.18	2874	8.48
6395		86		86		87		87		88		88		89		89		90		90		91		92	
3935	2300	2370	5.47	2418	5.73	2466	5.99	2512	6.25	2558	6.52	2602	6.79	2646	7.07	2689	7.35	2731	7.63	2771	7.90	2851	8.48	2890	8.77
6686		86		86		87		87		88		88		89		89		90		90		91		92	
4106	2400	2385	5.71	2432	5.97	2480	6.25	2526	6.52	2571	6.79	2616	7.07	2660	7.35	2702	7.63	2745	7.91	2786	8.21	2866	8.78		
6976		86		86		87		87		88		88		89		89		90		90		91		92	
4277	2500	2401	5.95	2447	6.24	2494	6.50	2539	6.79	2585	7.07	2629	7.35	2673	7.64	2716	7.93	2758	8.22	2799	8.52	2880	9.11		
7267		87		87		87		88		88		88		89		89		90		90		91		92	
4448	2600	2418	6.22	2464	6.49	2509	6.79	2554	7.07	2599	7.36	2643	7.64	2687	7.94	2729	8.23	2771	8.53	2813	8.82	2893	9.44		
7557		87		87		88		88		88		89		89		89		90		90		91		92	
4619	2700	2439	6.49	2482	6.77	2527	7.07	2570	7.36	2614	7.66	2658	7.95	2701	8.25	2743	8.56	2785	8.8						

# BNA 450



## CURVA CARACTERÍSTICA

in wg mmca



# BNA 500



## CARACTERÍSTICAS PRINCIPALES

Diámetro de la turbina: 510 mm (20 1/16 inch)  
 Diámetro del eje: Clase I 38.1 mm (1 1/2 inch)  
 Clase II 35.0 mm (1 3/8 inch)

BHP máximas: Clase I 6.70, Clase II 14.7  
 Armazón máximo de motor: Clase I 213T, Clase II 254T

RPM máximas: Clase I 1950, Clase II 2550  
 Peso del equipo: 65 Kg (143 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		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"		127.0mm/5.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1898	900	LwA	0.25	LwA	0.50	LwA	0.78	LwA	0.94	LwA	1.10	LwA	1.45	LwA	1.81	LwA	2.21	LwA	2.41	LwA	2.61	LwA	3.04	LwA	3.49
3225		BHP	0.25	BHP	0.50	BHP	0.78	BHP	0.94	BHP	1.10	BHP	1.45	BHP	1.81	BHP	2.21	BHP	2.41	BHP	2.61	BHP	3.04	BHP	3.49
2320	1100	LwA	0.34	LwA	0.60	LwA	0.91	LwA	1.07	LwA	1.25	LwA	1.62	LwA	2.01	LwA	2.43	LwA	2.66	LwA	2.87	LwA	3.34	LwA	3.81
3942		BHP	0.34	BHP	0.60	BHP	0.91	BHP	1.07	BHP	1.25	BHP	1.62	BHP	2.01	BHP	2.43	BHP	2.66	BHP	2.87	BHP	3.34	BHP	3.81
2742	1300	LwA	0.44	LwA	0.74	LwA	1.07	LwA	1.25	LwA	1.43	LwA	1.82	LwA	2.24	LwA	2.68	LwA	2.91	LwA	3.14	LwA	3.62	LwA	4.13
4659		BHP	0.44	BHP	0.74	BHP	1.07	BHP	1.25	BHP	1.43	BHP	1.82	BHP	2.24	BHP	2.68	BHP	2.91	BHP	3.14	BHP	3.62	BHP	4.13
3163	1500	LwA	0.59	LwA	0.90	LwA	1.26	LwA	1.45	LwA	1.65	LwA	2.07	LwA	2.51	LwA	2.96	LwA	3.21	LwA	3.45	LwA	3.94	LwA	4.47
5374		BHP	0.59	BHP	0.90	BHP	1.26	BHP	1.45	BHP	1.65	BHP	2.07	BHP	2.51	BHP	2.96	BHP	3.21	BHP	3.45	BHP	3.94	BHP	4.47
3585	1700	LwA	0.76	LwA	1.10	LwA	1.48	LwA	1.69	LwA	1.99	LwA	2.33	LwA	2.80	LwA	3.29	LwA	3.54	LwA	3.80	LwA	4.32	LwA	4.85
6091		BHP	0.76	BHP	1.10	BHP	1.48	BHP	1.69	BHP	1.99	BHP	2.33	BHP	2.80	BHP	3.29	BHP	3.54	BHP	3.80	BHP	4.32	BHP	4.85
4007	1900	LwA	0.98	LwA	1.34	LwA	1.74	LwA	1.96	LwA	2.19	LwA	2.64	LwA	3.14	LwA	3.66	LwA	3.92	LwA	4.18	LwA	4.73	LwA	5.30
6808		BHP	0.98	BHP	1.34	BHP	1.74	BHP	1.96	BHP	2.19	BHP	2.64	BHP	3.14	BHP	3.66	BHP	3.92	BHP	4.18	BHP	4.73	BHP	5.30
4429	2100	LwA	1.23	LwA	1.62	LwA	2.07	LwA	2.29	LwA	2.52	LwA	3.00	LwA	3.51	LwA	4.05	LwA	4.33	LwA	4.61	LwA	5.20	LwA	5.79
7525		BHP	1.23	BHP	1.62	BHP	2.07	BHP	2.29	BHP	2.52	BHP	3.00	BHP	3.51	BHP	4.05	BHP	4.33	BHP	4.61	BHP	5.20	BHP	5.79
4851	2300	LwA	1.53	LwA	1.96	LwA	2.41	LwA	2.67	LwA	2.91	LwA	3.41	LwA	3.94	LwA	4.51	LwA	4.80	LwA	5.10	LwA	5.70	LwA	6.32
8242		BHP	1.53	BHP	1.96	BHP	2.41	BHP	2.67	BHP	2.91	BHP	3.41	BHP	3.94	BHP	4.51	BHP	4.80	BHP	5.10	BHP	5.70	BHP	6.32
5062	2400	LwA	1.70	LwA	2.15	LwA	2.61	LwA	2.87	LwA	3.12	LwA	3.63	LwA	4.18	LwA	4.75	LwA	5.04	LwA	5.35	LwA	5.97	LwA	6.60
8600		BHP	1.70	BHP	2.15	BHP	2.61	BHP	2.87	BHP	3.12	BHP	3.63	BHP	4.18	BHP	4.75	BHP	5.04	BHP	5.35	BHP	5.97	BHP	6.60
5272	2500	LwA	1.89	LwA	2.35	LwA	2.83	LwA	3.08	LwA	3.34	LwA	3.88	LwA	4.44	LwA	5.02	LwA	5.31	LwA	5.62	LwA	6.25	LwA	6.89
8957		BHP	1.89	BHP	2.35	BHP	2.83	BHP	3.08	BHP	3.34	BHP	3.88	BHP	4.44	BHP	5.02	BHP	5.31	BHP	5.62	BHP	6.25	BHP	6.89
5483	2600	LwA	2.08	LwA	2.55	LwA	3.06	LwA	3.33	LwA	3.58	LwA	4.13	LwA	4.71	LwA	5.28	LwA	5.59	LwA	5.93	LwA	6.54	LwA	7.20
9316		BHP	2.08	BHP	2.55	BHP	3.06	BHP	3.33	BHP	3.58	BHP	4.13	BHP	4.71	BHP	5.28	BHP	5.59	BHP	5.93	BHP	6.54	BHP	7.20
5905	2800	LwA	2.52	LwA	3.03	LwA	3.55	LwA	3.84	LwA	4.10	LwA	4.69	LwA	5.28	LwA	5.89	LwA	6.21	LwA	6.53	LwA	7.19	LwA	7.87
10033		BHP	2.52	BHP	3.03	BHP	3.55	BHP	3.84	BHP	4.10	BHP	4.69	BHP	5.28	BHP	5.89	BHP	6.21	BHP	6.53	BHP	7.19	BHP	7.87
6327	3000	LwA		LwA	3.57	LwA	4.12	LwA	4.40	LwA	4.69	LwA	5.31	LwA	5.93	LwA	6.57	LwA	6.91	LwA	7.23	LwA	7.91	LwA	8.60
10750		BHP		3.57	BHP	4.12	BHP	4.40	BHP	4.69	BHP	5.31	BHP	5.93	BHP	6.57	BHP	6.91	BHP	7.23	BHP	7.91	BHP	8.60	
6749	3200	LwA		LwA	4.17	LwA	4.75	LwA	5.04	LwA	5.35	LwA	5.99	LwA	6.65	LwA	7.32	LwA	7.66	LwA	8.01	LwA	8.70	LwA	9.41
11467		BHP		4.17	BHP	4.75	BHP	5.04	BHP	5.35	BHP	5.99	BHP	6.65	BHP	7.32	BHP	7.66	BHP	8.01	BHP	8.70	BHP	9.41	
7170	3400	LwA		LwA	5.44	LwA	5.77	LwA	6.09	LwA	6.49	LwA	7.15	LwA	7.83	LwA	8.53	LwA	8.85	LwA	9.21	LwA	9.97	LwA	10.3
12182		BHP		5.44	BHP	5.77	BHP	6.09	BHP	6.49	BHP	7.15	BHP	7.83	BHP	8.53	BHP	8.85	BHP	9.21	BHP	9.97	BHP	10.3	
7592	3600	LwA		LwA	6.24	LwA	6.56	LwA	6.89	LwA	7.32	LwA	7.99	LwA	8.69	LwA	9.40	LwA	9.76	LwA	10.13	LwA	10.97	LwA	11.3
12899		BHP		6.24	BHP	6.56	BHP	6.89	BHP	7.32	BHP	7.99	BHP	8.69	BHP	9.40	BHP	9.76	BHP	10.13	BHP	10.97	BHP	11.3	
8014	3800	LwA		LwA		LwA	7.44	LwA	7.78	LwA	8.14	LwA	8.82	LwA	9.53	LwA	10.26	LwA	10.63	LwA	11.01	LwA	11.85	LwA	12.3
13616		BHP			BHP	7.44	BHP	7.78	BHP	8.14	BHP	8.82	BHP	9.53	BHP	10.26	BHP	10.63	BHP	11.01	BHP	11.85	BHP	12.3	
8225	3900	LwA		LwA		LwA	7.91	LwA	8.26	LwA	8.64	LwA	9.34	LwA	10.06	LwA	10.80	LwA	11.17	LwA	11.55	LwA	12.41	LwA	12.9
13974		BHP			BHP	7.91	BHP	8.26	BHP	8.64	BHP	9.34	BHP	10.06	BHP	10.80	BHP	11.17	BHP	11.55	BHP	12.41	BHP	12.9	

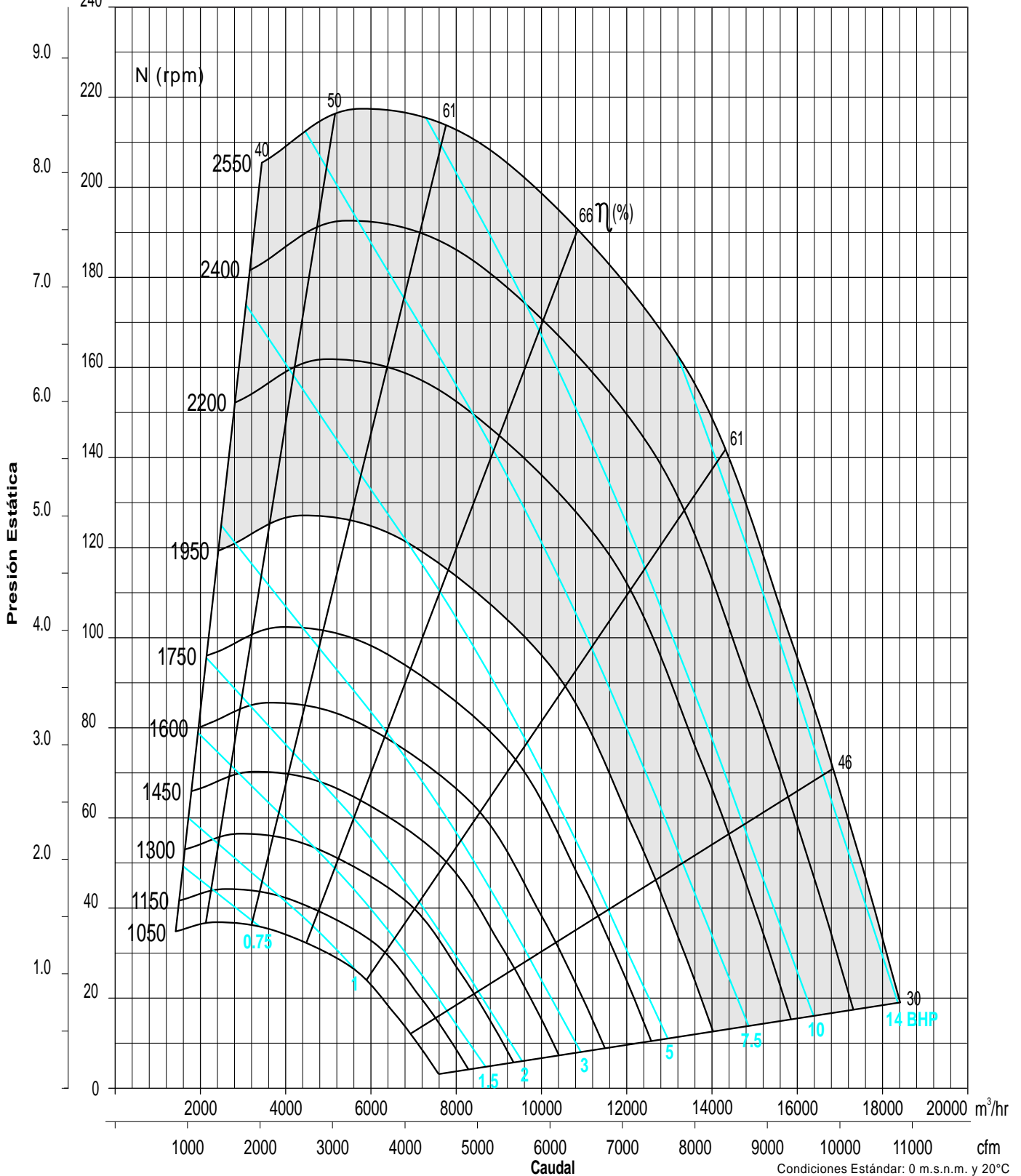
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3374	1600	LwA	4.93	LwA	5.22	LwA	5.50	LwA	5.78	LwA	6.07	LwA	6.37	LwA	6.68	LwA	6.99	LwA	7.30	LwA	7.60	LwA	7.93	LwA	8.25
5732		BHP	4.93	BHP	5.22	BHP	5.50	BHP	5.78	BHP	6.07	BHP	6.37	BHP	6.68	BHP	6.99	BHP	7.30	BHP	7.60	BHP	7.93	BHP	8.25
3796	1800	LwA	5.35	LwA	5.65	LwA	5.94	LwA	6.24	LwA	6.54	LwA	6.84	LwA	7.16	LwA	7.47	LwA	7.79	LwA	8.11	LwA	8.45	LwA	8.77
6449		BHP	5.35	BHP	5.65	BHP	5.94	BHP	6.24	BHP	6.54	BHP	6.84	BHP	7.16	BHP	7.47	BHP	7.79	BHP	8.11	BHP	8.45	BHP	8.77
4218	2000	LwA	5.83	LwA	6.13	LwA	6.44	LwA	6.75	LwA	7.05	LwA	7.36	LwA	7.70	LwA	8.02	LwA	8.34	LwA	8.68	LwA	9.01	LwA	9.35
7166		BHP	5.83	BHP	6.13	BHP	6.44	BHP	6.75	BHP	7.05	BHP	7.36	BHP	7.70	BHP	8.02	BHP	8.34	BHP	8.68	BHP	9.01	BHP	9.35
4429	2100	LwA	6.09	LwA	6.40	LwA	6.71	LwA	7.01	LwA	7.34	LwA	7.66	LwA	7.98	LwA	8.31	LwA	8.65	LwA	8.98	LwA	9.32	LwA	9.67
7525		BHP	6.09	BHP	6.40	BHP	6.71	BHP	7.01	BHP	7.34	BHP	7.66	BHP	7.98	BHP	8.31	BHP	8.65	BHP	8.98	BHP	9.32	BHP	9.67
4640	2200	LwA	6.36	LwA	6.66	LwA	6.97	LwA	7.31	LwA	7.63	LwA	7.95	LwA	8.29	LwA	8.62	LwA	8.96	LwA	9.31	LwA	9.66	LwA	10.0
7883		BHP	6.36	BHP	6.66	BHP	6.97	BHP	7.31	BHP	7.63	BHP	7.95	BHP	8.29	BHP	8.62	BHP	8.96	BHP	9.31	BHP	9.66	BHP	10.0
4851	2300	LwA	6.64	LwA	6.96	LwA	7.28	LwA	7.60	LwA	7.94	LwA	8.27	LwA	8.61	LwA	8.94	LwA	9.29	LwA	9.64	LwA	9.99	LwA	10.3
8242		BHP	6.64	BHP	6.96	BHP	7.28	BHP	7.60	BHP	7.94	BHP	8.27	BHP	8.61	BHP	8.94	BHP	9.29	BHP	9.64	BHP	9.99	BHP	10.3
5062	2400	LwA	6.93	LwA	7.25	LwA	7.59	LwA	7.93	LwA	8.26	LwA	8.60	LwA	8.94	LwA	9.29	LwA	9.64	LwA	9.99	LwA	10.3	LwA	10.7
8600		BHP	6.93	BHP	7.25	BHP	7.59	BHP	7.93	BHP	8.26	BHP	8.60	BHP	8.94	BHP	9.29	BHP	9.64	BHP	9.99	BHP	10.3	BHP	10.7
5272	2500	LwA	7.23	LwA	7.56	LwA	7.90	LwA	8.25	LwA	8.60	LwA	8.93	LwA	9.27	LwA	9.64	LwA	10.0	LwA	10.4	LwA	10.7	LwA	
8957		BHP	7.23	BHP	7.56	BHP	7.90	BHP	8.25	BHP	8.60	BHP	8.93	BHP	9.27	BHP	9.64	BHP	10.0	BHP	10.4	BHP	10.7	BHP	
5483	2600	LwA	7.55	LwA	7.89	LwA	8.23	LwA	8.58	LwA	8.93	LwA	9.29	LwA	9.66	LwA	10.0	LwA	10.4	LwA	10.7	LwA	11.1	LwA	
9316		BHP	7.55	BHP	7.89	BHP	8.23	BHP	8.58	BHP	8.93	BHP	9.29	BHP	9.66	BHP	10.0	BHP	10.4	BHP	10				

# BNA 500



## CURVA CARACTERÍSTICA

in wg mmca  
240



# BNA 560



## CARACTERÍSTICAS PRINCIPALES

Diámetro de la turbina: 570 mm (22 7/16 inch)  
 Diámetro del eje: Clase I 38.1 mm (1 1/2 inch)  
 Clase II 40.0 mm (1 9/16 inch)

BHP máximas: Clase I 8.14, Clase II 17.5  
 Armazón máximo de motor: Clase I 215T, Clase II 256T

RPM máximas: Clase I 1800, Clase II 2300  
 Peso del equipo: 65 Kg (175 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																								
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		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"		127.0mm/5.0"		
		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
2382	900	LwA	608	0.32	809	0.62	967	0.97	1037	1.15	1105	1.35	1239	1.80	1337	2.25	1448	2.74	1476	2.99	1518	3.25	1616	3.78	1688	4.33
4047			59	66	70	72	74	77	79	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97
2912	1100	LwA	661	0.42	831	0.75	991	1.13	1061	1.34	1124	1.54	1241	2.00	1353	2.49	1464	3.02	1495	3.29	1542	3.57	1639	4.13	1706	4.72
4947			62	66	71	72	74	77	79	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97
3441	1300	LwA	723	0.56	866	0.91	1012	1.33	1082	1.56	1147	1.78	1265	2.25	1370	2.78	1468	3.31	1516	3.61	1563	3.89	1658	4.49	1729	5.12
5846			65	68	71	73	75	77	79	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97
3970	1500	LwA	789	0.74	918	1.13	1042	1.57	1106	1.81	1169	2.05	1287	2.56	1395	3.10	1493	3.66	1539	3.97	1582	4.26	1667	4.89	1750	5.54
6745			68	71	73	74	75	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
4500	1700	LwA	861	0.95	978	1.38	1087	1.84	1142	2.09	1197	2.36	1309	2.91	1416	3.49	1516	4.08	1563	4.39	1607	4.69	1692	5.34	1772	6.02
7646			71	73	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
5029	1900	LwA	936	1.22	1042	1.68	1143	2.17	1191	2.44	1239	2.71	1338	3.29	1439	3.90	1537	4.53	1584	4.87	1629	5.19	1715	5.86	1797	6.56
8544			74	75	77	77	78	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96
5559	2100	LwA	1014	1.54	1109	2.02	1204	2.56	1249	2.84	1292	3.12	1380	3.73	1469	4.37	1561	5.04	1606	5.39	1650	5.74	1737	6.45	1819	7.17
9445			76	77	79	79	80	80	81	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97
6088	2300	LwA	1094	1.92	1179	2.44	1267	3.02	1310	3.31	1351	3.62	1432	4.24	1511	4.89	1593	5.59	1635	5.95	1676	6.33	1759	7.08	1840	7.84
10344			79	79	80	81	82	82	83	83	84	84	85	85	86	87	88	89	90	91	92	93	94	95	96	97
6353	2400	LwA	1134	2.13	1215	2.67	1300	3.26	1342	3.57	1382	3.88	1460	4.52	1536	5.20	1613	5.90	1653	6.28	1692	6.64	1772	7.42	1851	8.21
10794			80	80	81	82	82	83	83	84	84	85	85	86	87	88	89	90	91	92	93	94	95	96	97	98
6617	2500	LwA	1174	2.36	1252	2.92	1333	3.53	1374	3.85	1413	4.17	1489	4.83	1563	5.51	1636	6.22	1673	6.60	1711	6.97	1787	7.76	1864	8.57
11242			81	81	82	83	83	84	84	85	85	86	86	87	87	88	89	90	91	92	93	94	95	96	97	98
7147	2700	LwA	1256	2.87	1328	3.47	1403	4.12	1441	4.45	1478	4.79	1551	5.48	1620	6.20	1688	6.95	1722	7.34	1756	7.71	1825	8.52	1895	9.35
12143			83	83	84	84	85	85	86	86	87	87	88	88	89	89	90	91	92	93	94	95	96	97	98	99
7676	2900	LwA	1338	3.46	1406	4.10	1474	4.77	1509	5.12	1544	5.48	1614	6.21	1681	6.97	1745	7.75	1777	8.14	1808	8.54	1871	9.37	1935	10.2
13042			85	85	85	86	86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96
8206	3100	LwA		1486	4.81	1548	5.53	1581	5.89	1613	6.26	1679	7.03	1743	7.82	1805	8.64	1836	9.05	1865	9.47	1925	10.3	1984	11.2	
13942			87	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98
8735	3300	LwA		1566	5.62	1624	6.36	1654	6.73	1685	7.12	1746	7.93	1808	8.76	1868	9.60	1897	10.0	1926	10.5	1982	11.3	2038	12.2	
14841			88	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99
9264	3500	LwA			1702	7.28	1730	7.68	1758	8.09	1816	8.92	1874	9.79	1932	10.7	1960	11.1	1988	11.6	2042	12.5	2096	13.4		
15740			90	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	
9794	3700	LwA				1807	8.73	1833	9.15	1887	10.0	1942	10.9	1997	11.8	2025	12.3	2052	12.8	2105	13.7	2156	14.7			
16640			91	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100
10323	3900	LwA				1886	9.88	1910	10.3	1961	11.2	2012	12.1	2064	13.1	2091	13.6	2117	14.1	2168	15.1	2218	16.1	2273	17.2	
17539			93	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100
10588	4000	LwA				1925	10.5	1949	10.9	1998	11.9	2048	12.8	2099	13.8	2125	14.3	2150	14.8	2200	15.8	2250	16.8			
17989			93	93	93	94	94	95	95	96	96	97	97	98	98	99	99	100	100	100	100	100	100	100	100	100

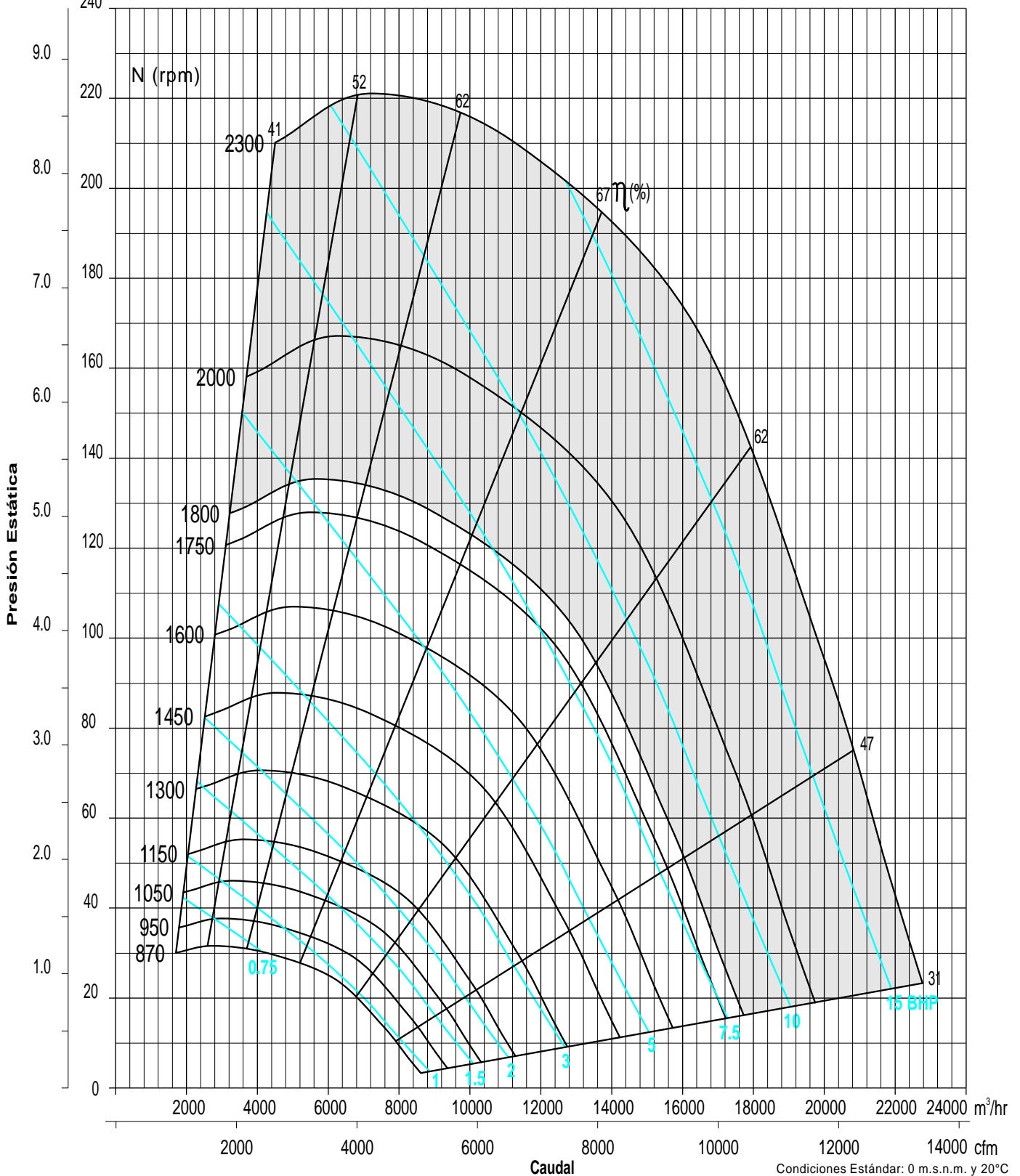
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																								
		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		196.9mm/7.75"		203.2mm/8.0"		209.6mm/8.25"		
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM
3706	1400	LwA	1791	5.66	1834	5.99	1858	6.33	1894	6.68	1974	7.38	2008	7.74	2047	8.10	2068	8.46	2101	8.84	2141	9.21	2168	9.59	2205	9.98
6296			86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98
4235	1600	LwA	1799	6.12	1838	6.46	1877	6.81	1915	7.17	1992	7.91	2031	8.29	2069	8.66	2086	9.05	2121	9.44	2162	9.83	2189	10.2	2226	10.6
7195			86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98
4765	1800	LwA	1824	6.64	1861	6.99	1898	7.36	1933	7.72	2003	8.49	2039	8.88	2073	9.27	2107	9.67	2142	10.1	2176	10.5	2210	10.9	2245	11.3
8096			86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98
5029	1900	LwA	1836	6.92	1874	7.28	1911	7.66	1946	8.02	2015	8.80	2049	9.19	2083	9.59	2116	9.99	2149	10.4	2182	10.8	2214	11.2	2247	11.6
8544			86	87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98
5294	2000	LwA	1848	7.23	1885	7.59	1923	7.97	1959	8.34	2028	9.12	2062	9.52	2095	9.92	2128	10.3	2160	10.7	2192	11.2	2223	11.6	2255	12.0
8995			87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98
5559	2100	LwA	1858	7.55	1897	6.96	1934	8.31	1971	8.69	2041	9.48	2075	9.88	2108	10.3	2141	10.7	2173	11.1	2204	11.5	2235	11.9	2266	12.4
9445			87	87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98
5823	2200	LwA	1869	7.89	1907	8.27	1945	8.66	1982	9.05	2053	9.86	2087	10.3	2121	10.7	2154	11.1	2186	11.5	2217	11.9	2248	12.4	2279	12.8
9893			87	88	88	89	89	90	90	91	91	92	92	93	93	94	94	95	95	96	96	97	97	98	98	99
6088	2300	LwA	1879	8.25	1918	8.64	1956	9.04	1992	9.44	2064	10.2	2098	10.7	2132	11.1	2165	11.5	2198	11.9	2230	12.4	2261	12.8	22	

# BNA 560



## CURVA CARACTERÍSTICA

in wg mmca  
240





# BNA 630



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 640 mm (25 3/16 inch)  
 Diámetro del eje: Clase I 38.1 mm (1 1/2 inch)  
 Clase II 40.0 mm (1 9/16 inch)

BHP máximas: Clase I 9.38, Clase II 21.4  
 Armazón máximo de motor: Clase I 215T, Clase II 284T

RPM máximas: Clase I 1500, Clase II 2000  
 Peso del equipo: 95 Kg (209 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		108.0mm/4.25"		114.3mm/4.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3031	900	539	0.39	719	0.78	876	1.21	946	1.43	1010	1.69	1128	2.21	1234	2.78	1331	3.38	1377	3.69	1421	4.01	1465	4.33	1506	4.65
5150		56		62		67		69		71		74		76		78		79		80		81		82	
4041	1200	609	0.59	750	1.03	887	1.53	952	1.80	1014	2.08	1131	2.66	1238	3.27	1336	3.92	1383	4.26	1427	4.61	1471	4.96	1513	5.32
6866		62		65		68		69		71		74		76		79		80		80		81		82	
5052	1500	692	0.86	811	1.38	923	1.93	979	2.24	1034	2.55	1141	3.19	1243	3.88	1340	4.59	1386	4.95	1430	5.32	1474	5.70	1516	6.09
8583		67		69		70		71		72		75		77		79		80		81		81		82	
5725	1700	752	1.11	862	1.66	962	2.27	1012	2.59	1061	2.92	1159	3.61	1254	4.33	1346	5.10	1391	5.48	1435	5.87	1478	6.28	1519	6.68
9727		70		71		73		73		74		76		78		79		80		81		81		82	
6399	1900	816	1.41	916	2.00	1009	2.66	1053	2.99	1097	3.34	1186	4.08	1273	4.85	1360	5.65	1402	6.06	1444	6.48	1485	6.91	1525	7.34
10872		73		74		75		76		76		77		79		80		81		81		81		82	
7073	2100	881	1.77	972	2.40	1061	3.10	1102	3.46	1142	3.84	1222	4.60	1302	5.42	1381	6.26	1421	6.69	1460	7.13	1499	7.59	1537	8.03
12017		75		76		77		78		78		79		80		81		82		82		82		83	
7409	2200	915	1.97	1001	2.61	1087	3.34	1128	3.73	1167	4.10	1243	4.89	1319	5.73	1395	6.58	1434	7.04	1471	7.48	1509	7.95	1546	8.41
12588		76		78		78		79		79		81		81		82		82		82		83		83	
7746	2300	948	2.20	1032	2.86	1114	3.61	1154	4.00	1192	4.39	1265	5.20	1338	6.05	1411	6.93	1448	7.39	1484	7.86	1521	8.33	1556	8.80
13160		78		79		79		80		80		81		82		83		83		83		83		84	
8083	2400	981	2.44	1063	3.12	1142	3.88	1181	4.29	1218	4.69	1289	5.53	1359	6.40	1429	7.31	1464	7.76	1499	8.23	1534	8.72	1569	9.20
13733		79		80		80		81		81		82		83		83		84		84		84		84	
8420	2500	1015	2.70	1094	3.41	1170	4.17	1208	4.59	1245	5.02	1314	5.87	1382	6.76	1449	7.68	1483	8.17	1516	8.65	1550	9.13	1583	9.63
14306		80		80		81		82		82		83		84		84		84		84		84		85	
8756	2600	1049	2.96	1126	3.71	1199	4.49	1236	4.92	1272	5.35	1340	6.24	1405	7.15	1470	8.09	1502	8.58	1534	9.07	1567	9.57	1599	10.1
14876		81		81		82		83		83		84		84		85		85		85		85		86	
9093	2700			1158	4.04	1228	4.83	1264	5.26	1299	5.70	1366	6.62	1430	7.56	1492	8.52	1523	9.03	1554	9.52	1586	10.0	1617	10.5
15449					82		83		84		84		85		85		86		86		86		86		86
9767	2900			1223	4.75	1289	5.58	1322	6.02	1355	6.48	1420	7.44	1482	8.44	1541	9.44	1570	9.96	1598	10.5	1628	11.0	1656	11.5
16594					84		85		85		86		86		86		87		87		87		87		88
10440	3100			1290	5.55	1352	6.44	1383	6.88	1413	7.35	1475	8.35	1535	9.40	1592	10.5	1620	11.0	1647	11.5	1674	12.1	1701	12.6
17738					86		87		87		87		88		88		88		88		88		88		89
11114	3300					1416	7.39	1445	7.86	1473	8.34	1531	9.36	1589	10.4	1645	11.6	1672	12.1	1698	12.7	1724	13.3	1750	13.8
18883							88				88		89		89		89		89		90		90		90
12124	3600							1541	9.52	1568	10.0	1620	11.1	1673	12.2	1726	13.4	1752	14.0	1778	14.6	1803	15.2	1827	15.8
20599									90		90		91		91		91		91		91		92		92
13135	3900							1640	11.43	1664	11.9	1713	13.1	1761	14.2	1811	15.5	1835	16.1	1860	16.7	1884	17.4	1908	18.1
22316									92		92		92		93		93		93		93		93		93
13472	4000							1673	12.12	1697	12.7	1745	13.8	1792	14.9	1840	16.2	1864	16.9	1888	17.5	1911	18.2	1935	18.8
22889									92		92		93		93		94		94		94		94		94

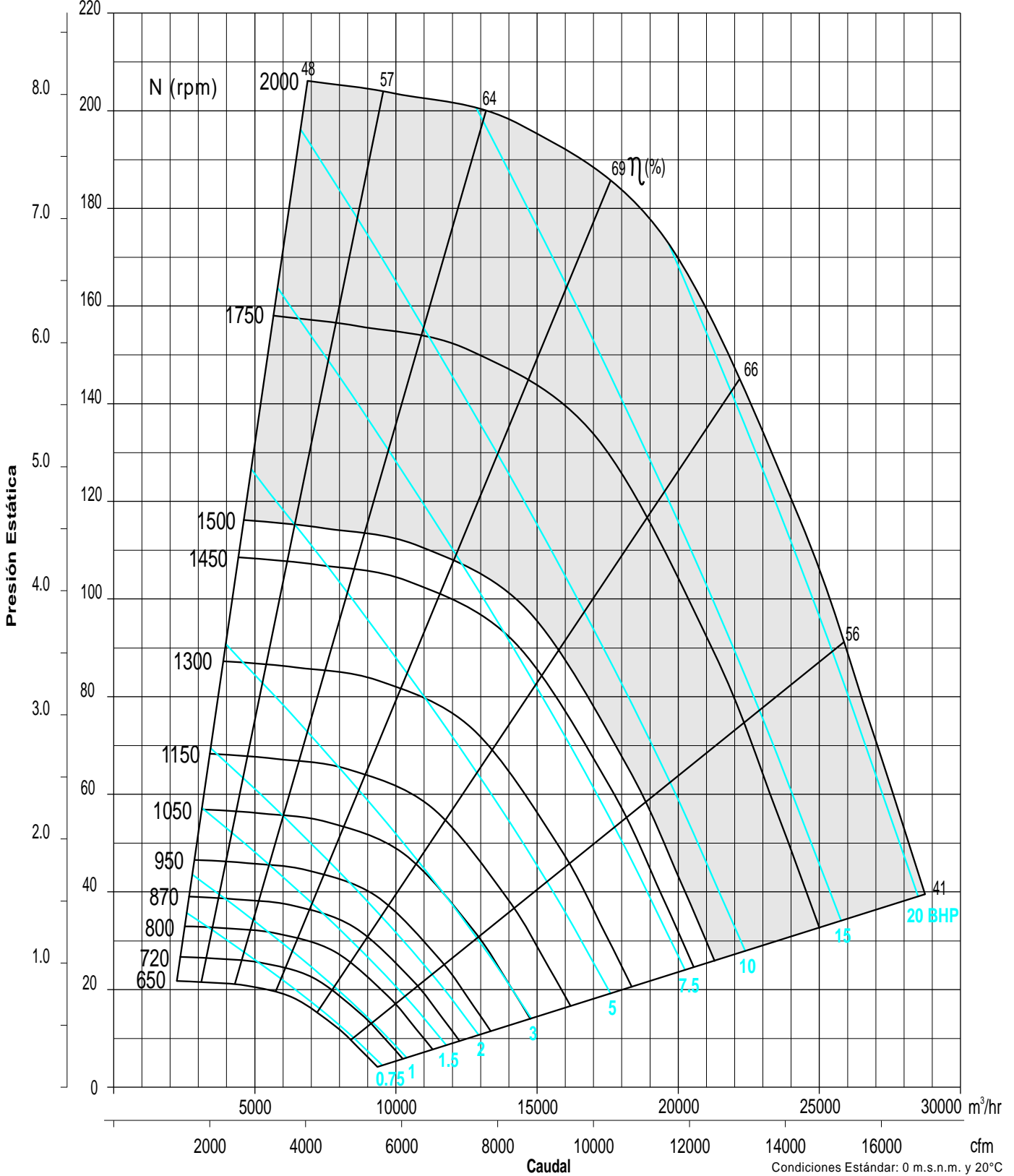
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																							
		120.7mm/4.75"		127.0mm/5.0"		133.4mm/5.25"		139.7mm/5.5"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		196.9mm/7.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4378	1300	1556	5.94	1595	6.33	1634	6.72	1672	7.12	1745	7.94	1781	8.35	1815	8.78	1850	9.21	1883	9.64	1916	10.1	1948	10.5	1980	10.9
7438			83		83		84		85		86		86		87		87		88		88		89		89
5052	1500	1558	6.49	1598	6.88	1637	7.30	1675	7.71	1749	8.56	1784	9.00	1819	9.44	1854	9.90	1887	10.3	1920	10.8	1952	11.3	1984	11.7
8583			83		83		84		85		86		86		87		87		88		88		89		89
5725	1700	1560	7.09	1600	7.51	1639	7.94	1677	8.37	1751	9.25	1787	9.71	1821	10.2	1856	10.6	1890	11.1	1923	11.6	1955	12.1	1987	12.5
9727			83		83		84		85		86		86		87		88		88		89		89		89
6399	1900	1565	7.76	1604	8.21	1642	8.66	1680	9.11	1753	10.0	1789	10.5	1823	10.9	1858	11.5	1891	11.9	1925	12.4	1957	12.9	1989	13.4
10872			83		84		84		85		86		87		87		88		88		89		89		89
6736	2000	1570	8.13	1608	8.57	1646	9.04	1682	9.49	1755	10.4	1790	10.9	1825	11.4	1859	11.9	1893	12.4	1926	12.9	1958	13.4	1990	13.9
11444			83		84		84		85		86		87		87		88		88		89		89		90
7073	2100	1576	8.50	1613	8.96	1650	9.43	1686	9.91	1758	10.9	1793	11.4	1827	11.8	1861	12.3	1894	12.9	1927	13.4	1959	13.9	1992	14.4
12017			84		84		85		85		86		87		87		88		88		89		89		90
7409	2200	1583	8.88	1619	9.36	1656	9.84	1691	10.3	1762	11.3	1796	11.8	1830	12.3	1864	12.8	1896	13.4	1929	13.9	1961	14.4	1993	14.9
12588			84		84		85		85		86		87		87		88		88		89		89		90
7746	2300	1593	9.28	1628	9.76	1663	10.3	1698	10.7	1767	11.8	1801	12.3	1834	12.8	1867	13.3	1900	13.8	1932	14.4	1964	14.9	1995	15.5
13160			84		85		85		86		86		87		87		88		88		89		89		90
8083	2400	1604	9.71	1638	10.2	1672	10.7	1706	11.2	1773	12.2	1807	12.8	1839	13.3	1872	13.8	1904	14.4	1936	14.9	1967	15.5	1998	16.0
13733			85		85		85		86		87		87		88		88		88		89		89		90
8420	2500	1617	10.1	1650	10.6	1683	11.2	1716	11.7	1781	12.7	1814	13.3	1846	13.8	1878	14.4	1909	14.9	1941	15.5	1971	16.0		
14306			85		86		86		86		87		87		88		88		89		89		89		
8756	2600	1632	10.6	1663	11.1	1696	11.6	1728	12.2	1791	13.2	1823	13.8	1854	14.3	1885	14.9	1916	15.5	1947	16.1	1977	16.6		
148																									

# BNA 630



## CURVA CARACTERÍSTICA

in wg mmca



# BNA 710



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 718 mm (28 1/4 inch)  
 Diámetro del eje: Clase I 44.4 mm (1 3/4 inch)  
 Clase II 50.0 mm (1 15/16 inch)

BHP máximas: Clase I 12.1, Clase II 26.8  
 Armazón máximo de motor: Clase I 254T, Clase II 286T

RPM máximas: Clase I 1350, Clase II 1800  
 Peso del equipo: 145 Kg (319 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		108.0mm/4.25"		114.3mm/4.5"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4272	1000	500	0.56	647	1.07	782	1.65	844	1.96	901	2.28	1006	2.96	1101	3.70	1188	4.48	1230	4.89	1269	5.31	1308	5.73	1345	6.16
7258		58		63		68		70		72		75		78		80		81		82		83		84	
5553	1300	569	0.86	686	1.43	799	2.11	855	2.45	908	2.82	1010	3.58	1104	4.39	1192	5.23	1234	5.66	1273	6.10	1313	6.57	1350	7.03
9435		64		66		69		71		72		75		78		80		81		82		83		84	
6408	1500	620	1.10	726	1.74	825	2.47	874	2.84	923	3.23	1018	4.05	1109	4.91	1194	5.81	1236	6.28	1275	6.75	1314	7.23	1352	7.71
10887		67		69		71		72		73		75		78		80		81		82		83		84	
7262	1700	674	1.42	772	2.12	860	2.88	904	3.29	947	3.71	1034	4.59	1119	5.50	1201	6.45	1241	6.95	1279	7.44	1317	7.95	1354	8.46
12338		70		72		73		74		74		76		78		80		81		82		83		84	
8116	1900	732	1.81	820	2.55	903	3.38	942	3.81	981	4.25	1059	5.18	1137	6.16	1213	7.16	1251	7.68	1288	8.21	1324	8.76	1360	9.29
13789		73		74		75		76		76		77		79		80		81		82		83		84	
8971	2100	790	2.28	871	3.06	949	3.94	986	4.41	1021	4.88	1092	5.86	1163	6.88	1233	7.95	1269	8.50	1303	9.05	1338	9.63	1371	10.2
15244		75		76		77		78		78		79		80		81		82		82		83		84	
9825	2300	850	2.82	924	3.66	998	4.60	1033	5.10	1067	5.59	1132	6.62	1196	7.70	1261	8.81	1293	9.40	1325	9.98	1358	10.6	1389	11.2
16693		78		79		79		80		80		81		81		82		83		83		84		84	
10252	2400	880	3.12	952	4.00	1023	4.95	1057	5.46	1090	5.98	1157	7.04	1215	8.14	1277	9.28	1308	9.87	1339	10.5	1370	11.1	1401	11.7
17418		79		80		80		81		81		82		82		83		83		84		84		85	
10679	2500	911	3.45	981	4.36	1048	5.32	1082	5.86	1114	6.38	1176	7.48	1236	8.61	1295	9.78	1325	10.4	1354	10.9	1384	11.6	1414	12.2
18144		80		81		81		82		82		82		83		84		84		84		85		85	
11106	2600	942	3.80	1009	4.76	1074	5.74	1107	6.28	1138	6.83	1199	7.94	1257	9.11	1314	10.3	1343	10.9	1371	11.5	1400	12.2	1428	12.8
18869		81		82		82		82		83		83		84		84		85		85		85		86	
11534	2700	972	4.18	1038	5.18	1100	6.17	1132	6.72	1163	7.28	1223	8.44	1279	9.63	1335	10.8	1362	11.5	1389	12.1	1417	12.7	1445	13.4
19596		82		82		83		83		84		84		85		85		85		86		86		86	
11961	2800			1068	5.62	1128	6.64	1158	7.19	1188	7.76	1247	8.96	1302	10.2	1356	11.4	1383	12.1	1409	12.7	1436	13.4	1462	14.0
20322				83		84		84		84		85		85		86		86		86		87		87	
12388	2900			1097	6.09	1155	7.15	1184	7.70	1213	8.27	1271	9.49	1326	10.7	1378	12.0	1404	12.7	1430	13.3	1455	14.0	1481	14.7
21047				84		85		85		85		86		86		87		87		87		87		87	
13242	3100			1157	7.11	1212	8.23	1239	8.81	1266	9.40	1321	10.6	1374	11.9	1424	13.3	1449	14.0	1473	14.7	1498	15.4	1521	16.1
22498				86		86		87		87		87		88		88		88		88		88		89	
14097	3300					1270	9.45	1295	10.1	1321	10.6	1372	11.9	1423	13.3	1472	14.7	1496	15.4	1520	16.2	1543	16.9	1566	17.6
23951						88		88		88		89		89		89		89		90		90		90	
14951	3500					1328	10.8	1353	11.4	1377	12.1	1425	13.4	1473	14.8	1521	16.3	1544	17.0	1567	17.8	1590	18.5	1612	19.3
25402						89		90		90		90		91		91		91		91		91		91	
16233	3800							1441	13.8	1463	14.4	1507	15.8	1551	17.3	1596	18.8	1618	19.6	1640	20.4	1662	21.2	1683	22.0
27580						92		92		92		92		92		92		93		93		93		93	
16660	3900							1470	14.6	1492	15.3	1535	16.8	1578	18.2	1622	19.7	1644	20.6	1665	21.4	1687	22.2	1708	23.0
28305						92		92		92		93		93		93		93		93		93		93	

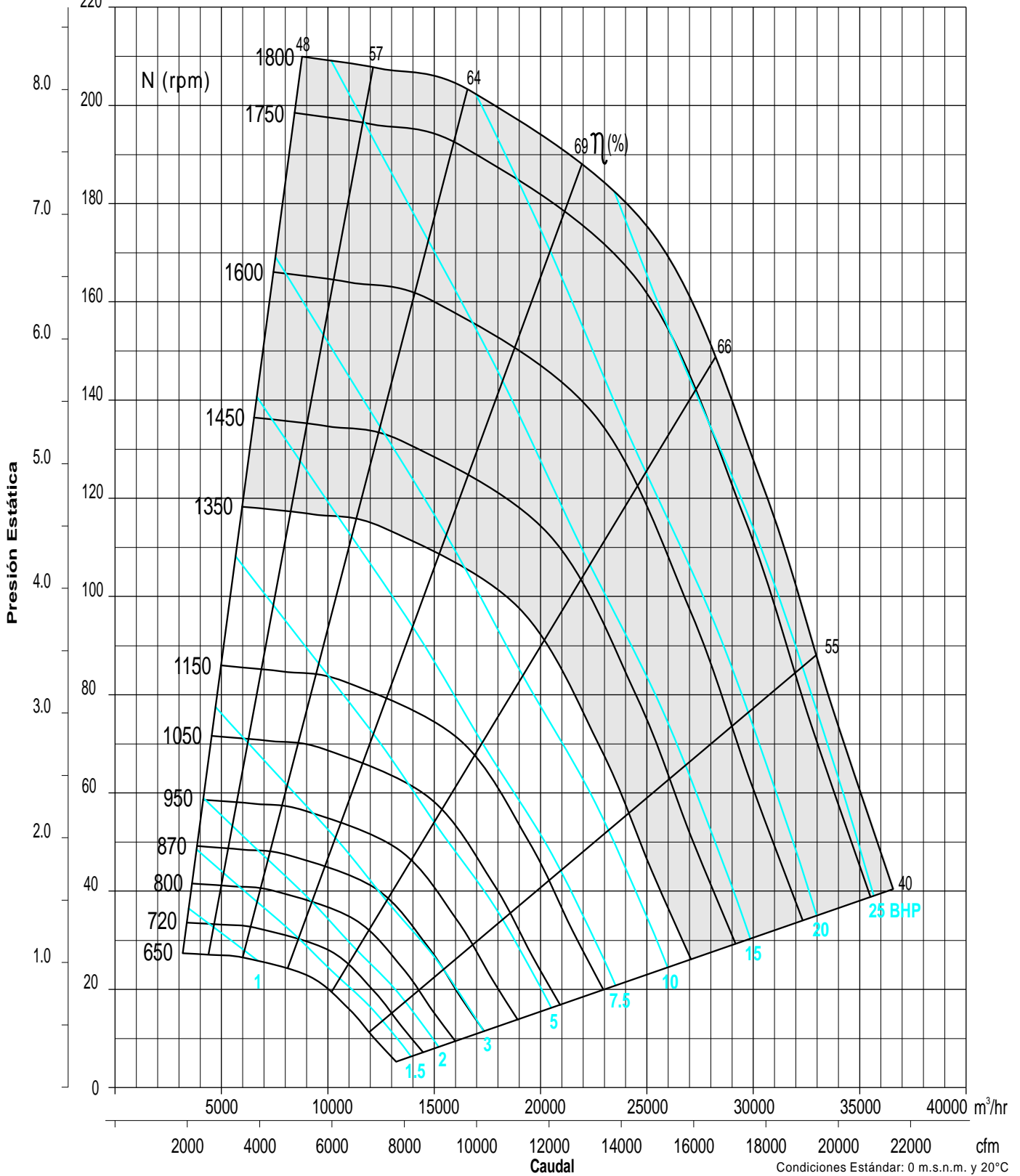
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																							
		120.7mm/4.75"		127.0mm/5.0"		133.4mm/5.25"		139.7mm/5.5"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		196.9mm/7.75"	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
5553	1300	1387	7.51	1422	7.99	1457	8.50	1490	9.00	1556	10.0	1588	10.6	1618	11.1	1649	11.6	1678	12.2	1708	12.7	1736	13.3	1765	13.9
9435		84		85		86		86		87		88		88		89		89		90		90		90	
6408	1500	1389	8.21	1424	8.72	1459	9.23	1493	9.75	1559	10.8	1591	11.4	1622	11.9	1652	12.5	1682	13.1	1712	13.6	1740	14.2	1769	14.8
10887		84		85		86		86		87		88		88		89		89		90		90		90	
7262	1700	1391	8.98	1426	9.51	1461	10.1	1495	10.6	1560	11.7	1593	12.3	1624	12.9	1655	13.4	1684	14.0	1714	14.6	1743	15.2	1772	15.8
12338		84		85		86		86		87		88		88		89		89		90		90		90	
8116	1900	1396	9.84	1430	10.4	1464	10.9	1497	11.5	1563	12.7	1594	13.3	1625	13.9	1656	14.5	1686	15.1	1716	15.7	1744	16.4	1773	17.0
13789		84		85		86		86		87		88		88		89		89		90		90		90	
8543	2000	1400	10.3	1434	10.9	1467	11.4	1500	12.0	1564	13.2	1596	13.8	1627	14.4	1657	15.1	1687	15.7	1717	16.3	1745	16.9	1774	17.6
14515		84		85		86		86		87		88		88		89		89		90		90		90	
8971	2100	1405	10.8	1438	11.4	1471	11.9	1504	12.5	1567	13.8	1598	14.4	1629	15.0	1659	15.7	1689	16.3	1718	16.9	1747	17.6	1775	18.3
15242		84		85		86		86		87		88		88		89		89		90		90		91	
9398	2200	1412	11.3	1445	11.9	1477	12.5	1508	13.1	1571	14.3	1602	14.9	1631	15.6	1662	16.3	1691	16.9	1720	17.6	1748	18.2	1777	18.9
15967		85		85		86		86		87		88		88		89		89		90		90		91	
9825	2300	1421	11.8	1452	12.4	1484	13.0	1515	13.6	1576	14.9	1606	15.6	1635	16.2	1665	16.9	1694	17.6	1723	18.2	1751	18.9	1779	19.6
16693		85		85		86		86		87		88		88		89		89		90		90		91	
10252	2400	1432	12.3	1462	12.9	1492	13.6	1522	14.2	1582	15.5	1611	16.2	1640	16.9	1669	17.5	1698	18.2	1726	18.9	1754	19.6	1784	20.3
17418		85		85		86		86		87		88		88		89		89		90		90		91	
10679	2500	1444	12.9	1473	13.5	1503	14.2	1532	14.8	1589	16.2	1618	16.9	1647	17.5	1675	18.2	1703	18.9	1731	19.6	1758	20.3	1785	21.0
18144		85		86		86		87		87		88		88		89		89		90		90		91	
11106	2600	1457	13.5	1486	14.1	1514	14.8	1542	15.4	1599	16.8	1627	17.5	1654	18.2	1682	18.9	1709	19.6	1736	20.4	1763	21.1	1790	21.8

# BNA 710



## CURVA CARACTERÍSTICA

in wg mmca  
220



# BNA 800



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 808 mm (31 13/16 inch)

Diámetro del eje: Clase I 44.45 mm (1 3/4 inch)

Clase II 50.0 mm (1 15/16 inch)

BHP máximas: Clase I 14.7, Clase II 33.9

Armazón máximo de motor: Clase I 254T, Clase II 324T

RPM máximas: Clase I 1200, Clase II 1600

Peso del equipo: 180 Kg (396 Lb)

CFM m³/hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																																						
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		108.0mm/4.25"		114.3mm/4.5"																
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP															
5434	1000	LwA	443	0.71	LwA	573	1.35	LwA	692	2.07	LwA	746	2.45	LwA	797	2.86	LwA	890	3.71	LwA	974	4.63	LwA	1051	5.61	LwA	1088	6.12	LwA	1122	6.64	LwA	1157	7.16	LwA	1189	7.70			
9232		BHP	58		BHP	64		BHP	69		BHP	71		BHP	73		BHP	76		BHP	79		BHP	81		BHP	82		BHP	83		BHP	84		BHP	85				
7064	1300	LwA	505	1.07	LwA	607	1.81	LwA	707	2.63	LwA	756	3.07	LwA	803	3.53	LwA	893	4.48	LwA	977	5.48	LwA	1054	6.53	LwA	1091	7.08	LwA	1126	7.64	LwA	1161	8.22	LwA	1194	8.77			
12002		BHP	64		BHP	66		BHP	70		BHP	72		BHP	73		BHP	76		BHP	79		BHP	81		BHP	82		BHP	83		BHP	84		BHP	85				
8694	1600	LwA	573	1.57	LwA	663	2.43	LwA	745	3.34	LwA	786	3.84	LwA	827	4.34	LwA	907	5.40	LwA	984	6.50	LwA	1058	7.66	LwA	1094	8.26	LwA	1129	8.86	LwA	1163	9.48	LwA	1196	10.1			
14771		BHP	69		BHP	71		BHP	72		BHP	73		BHP	74		BHP	77		BHP	79		BHP	81		BHP	82		BHP	83		BHP	84		BHP	85				
10324	1900	LwA	649	2.28	LwA	727	3.21	LwA	800	4.24	LwA	835	4.79	LwA	869	5.34	LwA	938	6.49	LwA	1006	7.71	LwA	1073	8.97	LwA	1107	9.63	LwA	1139	10.3	LwA	1172	10.9	LwA	1203	11.6			
17540		BHP	73		BHP	75		BHP	75		BHP	76		BHP	76		BHP	78		BHP	80		BHP	81		BHP	82		BHP	83		BHP	84		BHP	85				
11411	2100	LwA	701	2.87	LwA	772	3.85	LwA	841	4.96	LwA	874	5.54	LwA	905	6.13	LwA	967	7.35	LwA	1029	8.62	LwA	1090	9.92	LwA	1123	10.6	LwA	1153	11.3	LwA	1184	12.1	LwA	1213	12.8			
19387		BHP	76		BHP	77		BHP	78		BHP	78		BHP	78		BHP	79		BHP	81		BHP	82		BHP	83		BHP	83		BHP	84		BHP	85				
11954	2200	LwA	728	3.19	LwA	796	4.21	LwA	863	5.35	LwA	895	5.95	LwA	925	6.56	LwA	984	7.82	LwA	1044	9.12	LwA	1103	10.5	LwA	1133	11.2	LwA	1162	11.9	LwA	1192	12.6	LwA	1221	13.4			
20310		BHP	77		BHP	78		BHP	79		BHP	79		BHP	79		BHP	80		BHP	81		BHP	83		BHP	83		BHP	84		BHP	84		BHP	85				
12498	2300	LwA	755	3.55	LwA	820	4.61	LwA	885	5.78	LwA	916	6.40	LwA	945	7.03	LwA	1003	8.31	LwA	1059	9.66	LwA	1116	11.1	LwA	1145	11.8	LwA	1173	12.5	LwA	1202	13.2	LwA	1229	13.9			
21234		BHP	78		BHP	79		BHP	80		BHP	80		BHP	80		BHP	81		BHP	83		BHP	82		BHP	83		BHP	84		BHP	84		BHP	85				
13041	2400	LwA	781	3.94	LwA	845	5.03	LwA	907	6.22	LwA	937	6.87	LwA	966	7.51	LwA	1022	8.84	LwA	1076	10.2	LwA	1131	11.6	LwA	1158	12.4	LwA	1185	13.1	LwA	1213	13.9	LwA	1240	14.6			
22157		BHP	79		BHP	80		BHP	81		BHP	81		BHP	81		BHP	82		BHP	83		BHP	84		BHP	84		BHP	85		BHP	85		BHP	86				
13585	2500	LwA	808	4.36	LwA	870	5.50	LwA	929	6.71	LwA	959	7.36	LwA	988	8.03	LwA	1042	9.40	LwA	1095	10.8	LwA	1147	12.3	LwA	1173	13.0	LwA	1199	13.8	LwA	1226	14.5	LwA	1252	15.3			
23081		BHP	80		BHP	81		BHP	82		BHP	82		BHP	82		BHP	83		BHP	83		BHP	84		BHP	84		BHP	85		BHP	85		BHP	86				
14128	2600	LwA	836	4.80	LwA	895	5.99	LwA	952	7.21	LwA	981	7.89	LwA	1009	8.58	LwA	1063	9.99	LwA	1114	11.4	LwA	1164	12.9	LwA	1189	13.7	LwA	1214	14.5	LwA	1240	15.3	LwA	1265	16.1			
24003		BHP	81		BHP	82		BHP	83		BHP	83		BHP	83		BHP	84		BHP	84		BHP	85		BHP	85		BHP	86		BHP	86		BHP	87				
14671	2700	LwA	863	5.27	LwA	921	6.52	LwA	976	7.76	LwA	1004	8.45	LwA	1031	9.15	LwA	1084	10.6	LwA	1134	12.1	LwA	1182	13.6	LwA	1207	14.4	LwA	1231	15.2	LwA	1255	16.0	LwA	1279	16.8			
24926		BHP	82		BHP	83		BHP	84		BHP	84		BHP	84		BHP	85		BHP	85		BHP	86		BHP	86		BHP	86		BHP	87		BHP	87				
15215	2800	LwA			LwA	947	7.08	LwA	1000	8.35	LwA	1027	9.05	LwA	1053	9.76	LwA	1105	11.2	LwA	1154	12.8	LwA	1202	14.3	LwA	1225	15.1	LwA	1248	15.9	LwA	1272	16.8	LwA	1295	17.6			
25850		BHP			BHP	84		BHP	85		BHP	85		BHP	85		BHP	86		BHP	86		BHP	87		BHP	87		BHP	87		BHP	88		BHP	88				
15758	2900	LwA			LwA	974	7.67	LwA	1025	8.98	LwA	1050	9.68	LwA	1076	10.4	LwA	1127	11.9	LwA	1175	13.5	LwA	1221	15.1	LwA	1244	15.9	LwA	1266	16.7	LwA	1289	17.6	LwA	1311	18.4			
26773		BHP			BHP	85		BHP	85		BHP	86		BHP	86		BHP	86		BHP	87		BHP	87		BHP	87		BHP	88		BHP	88		BHP	88				
16845	3100	LwA			LwA	1026	8.97	LwA	1075	10.4	LwA	1099	11.1	LwA	1123	11.8	LwA	1171	13.4	LwA	1218	15.1	LwA	1263	16.7	LwA	1284	17.6	LwA	1306	18.4	LwA	1327	19.3	LwA	1348	20.2			
28620		BHP			BHP	87		BHP	87		BHP	88		BHP	88		BHP	88		BHP	88		BHP	89		BHP	89		BHP	89		BHP	89		BHP	89				
18475	3400	LwA			LwA			LwA	1153	12.7	LwA	1175	13.5	LwA	1196	14.3	LwA	1240	15.9	LwA	1283	17.7	LwA	1327	19.5	LwA	1348	20.4	LwA	1368	21.3	LwA	1388	22.2	LwA	1408	23.2			
31389		BHP			BHP			BHP	89		BHP	90		BHP	90		BHP	90		BHP	90		BHP	91		BHP	91		BHP	91		BHP	91		BHP	91				
20105	3700	LwA			LwA			LwA			LwA	1252	16.3	LwA	1272	17.2	LwA	1312	18.9	LwA	1352	20.7	LwA	1392	22.6	LwA	1413	23.5	LwA	1432	24.5	LwA	1452	25.5	LwA	1471	26.5			
34158		BHP			BHP			BHP			BHP	92		BHP	92		BHP	92		BHP	92		BHP	93		BHP	93		BHP	93		BHP	93		BHP	93				
21735	4000	LwA			LwA			LwA			LwA			LwA	1331	19.6	LwA	1350	20.5	LwA	1387	22.3	LwA	1424	24.1	LwA	1461	26.1	LwA	1480	27.1	LwA	1499	28.1	LwA	1517	29.2	LwA	1536	30.2
36928		BHP			BHP			BHP			BHP	94		BHP	94		BHP	94		BHP	94		BHP	94		BHP	95		BHP	95		BHP	95		BHP	95				
22279	4100	LwA			LwA			LwA			LwA			LwA			LwA		LwA			LwA			LwA		LwA		LwA		LwA		LwA		LwA		LwA			
37852		BHP			BHP			BHP			BHP			BHP			BHP		BHP			BHP			BHP		BHP		BHP		BHP		BHP		BHP		BHP			

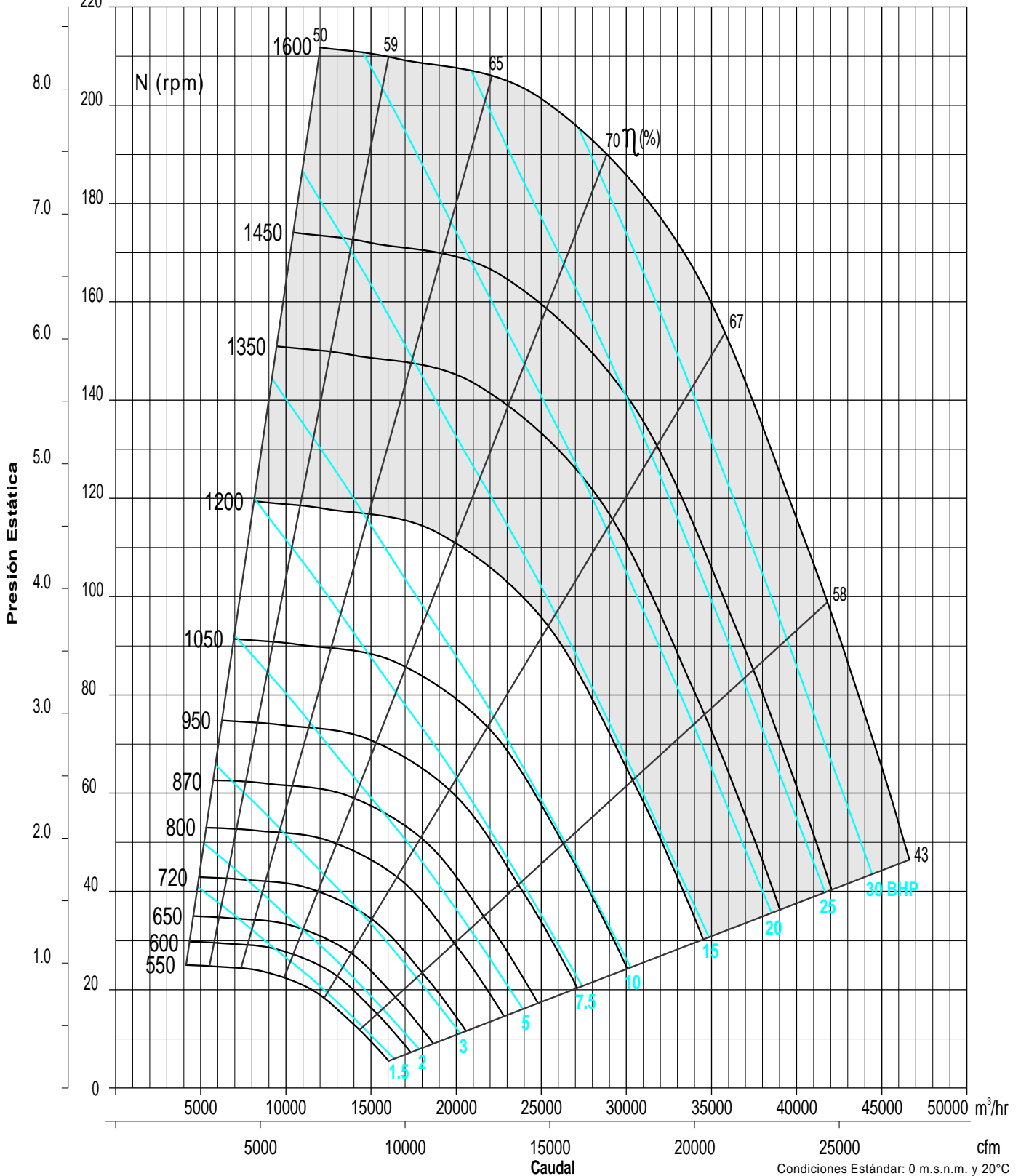
CFM m³/hr	Vel. salida PPM	PRESION ESTÁTICA mmca - inwg.																																			
		120.7mm/4.75"		127.0mm/5.0"		133.4mm/5.25"		139.7mm/5.5"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		196.9mm/7.75"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
8151	1500	LwA	1228	10.3	LwA	1259	10.9	LwA	1290	11.5	LwA	1320	12.2	LwA	1378	13.5	LwA	1391	14.2	LwA	1434	14.9	LwA	1461	15.6	LwA	1487	16.3	LwA	1514	17.1	LwA	1539	17.8	LwA	1564	18.6
13849		BHP	86		BHP	87		BHP	87		BHP	88		BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92		BHP	93	
9237	1700	LwA	1230	11.2	LwA	1261	11.9	LwA	1292	12.6	LwA	1322	13.2	LwA	1380	14.6	LwA	1400	15.4	LwA	1436	16.1	LwA	1463	16.8	LwA	1490	17.5	LwA	1516	18.3	LwA	1541	19.1	LwA	1567	19.8
15694		BHP	86		BHP	87		BHP	88		BHP	88		BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92		BHP	93	
10324	1900	LwA	1234	12.3	LwA	1265	13.0	LwA	1295	13.7	LwA	1324	14.4	LwA	1382	15.9	L																				

# BNA 800



## CURVA CARACTERÍSTICA

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# BNA 900



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 905 mm (35 5/8 inch)  
Diámetro del eje: Clase I 55.6 mm (2 3/16 inch)  
Clase II 60.0 mm (2 1/3 inch)

BHP máximas: Clase I 18.8, Clase II 40.2  
Armazón máximo de motor: Clase I 256T, Clase II 326T

RPM máximas: Clase I 1050, Clase II 1400  
Peso del equipo: 220 Kg (484 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		12.7mm/0.5"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		108.0mm/4.25"		114.3mm/4.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
6854	1000	LwA	396	0.90	LwA	512	1.70	LwA	618	2.60	LwA	666	3.10	LwA	711	3.59	LwA	795	4.68	LwA	870	5.83	LwA	938	7.05	LwA	971	7.70	LwA	1002	8.34	LwA	1033	9.01	LwA	1062	9.68
11645		LwA	59		LwA	64		LwA	70		LwA	72		LwA	74		LwA	77		LwA	79		LwA	82		LwA	83		LwA	84		LwA	84		LwA	85	
8910	1300	LwA	452	1.35	LwA	543	2.28	LwA	632	3.33	LwA	676	3.88	LwA	718	4.45	LwA	798	5.65	LwA	872	6.91	LwA	941	8.23	LwA	974	8.92	LwA	1005	9.62	LwA	1036	10.3	LwA	1066	11.1
15138		LwA	65		LwA	68		LwA	71		LwA	73		LwA	74		LwA	77		LwA	79		LwA	82		LwA	83		LwA	84		LwA	85		LwA	85	
10281	1500	LwA	492	1.76	LwA	575	2.78	LwA	653	3.90	LwA	692	4.51	LwA	730	5.11	LwA	804	6.40	LwA	876	7.75	LwA	943	9.16	LwA	976	9.88	LwA	1007	10.6	LwA	1038	11.4	LwA	1067	12.1
17467		LwA	68		LwA	71		LwA	73		LwA	74		LwA	75		LwA	77		LwA	80		LwA	82		LwA	83		LwA	84		LwA	85		LwA	86	
11652	1700	LwA	536	2.27	LwA	612	3.37	LwA	682	4.57	LwA	716	5.22	LwA	750	5.87	LwA	818	7.24	LwA	884	8.69	LwA	948	10.2	LwA	980	10.9	LwA	1010	11.7	LwA	1040	12.5	LwA	1069	13.3
19797		LwA	71		LwA	74		LwA	75		LwA	76		LwA	76		LwA	78		LwA	80		LwA	82		LwA	83		LwA	84		LwA	85		LwA	86	
13023	1900	LwA	582	2.90	LwA	651	4.06	LwA	716	5.36	LwA	744	6.05	LwA	777	6.75	LwA	838	8.21	LwA	899	9.74	LwA	959	11.3	LwA	989	12.1	LwA	1018	12.9	LwA	1046	13.8	LwA	1074	14.7
22126		LwA	75		LwA	76		LwA	77		LwA	78		LwA	79		LwA	80		LwA	81		LwA	82		LwA	83		LwA	84		LwA	85		LwA	86	
14394	2100	LwA	629	3.65	LwA	692	4.88	LwA	753	6.28	LwA	782	7.01	LwA	810	7.75	LwA	865	9.28	LwA	921	10.9	LwA	976	12.6	LwA	1003	13.4	LwA	1030	14.3	LwA	1057	15.2	LwA	1084	16.1
24455		LwA	77		LwA	78		LwA	80		LwA	80		LwA	80		LwA	81		LwA	82		LwA	83		LwA	84		LwA	85		LwA	85		LwA	86	
15079	2200	LwA	653	4.06	LwA	713	5.34	LwA	773	6.79	LwA	801	7.54	LwA	828	8.30	LwA	881	9.88	LwA	933	11.5	LwA	986	13.2	LwA	1013	14.1	LwA	1039	15.0	LwA	1065	15.9	LwA	1091	16.9
25619		LwA	79		LwA	79		LwA	80		LwA	81		LwA	81		LwA	82		LwA	83		LwA	84		LwA	85		LwA	85		LwA	86		LwA	86	
15764	2300	LwA	677	4.52	LwA	735	5.85	LwA	792	7.32	LwA	820	8.10	LwA	846	8.89	LwA	897	10.5	LwA	948	12.2	LwA	998	13.9	LwA	1024	14.9	LwA	1049	15.8	LwA	1074	16.7	LwA	1099	17.6
26783		LwA	80		LwA	80		LwA	81		LwA	82		LwA	82		LwA	83		LwA	84		LwA	85		LwA	85		LwA	86		LwA	86		LwA	87	
16450	2400	LwA	701	5.00	LwA	757	6.40	LwA	812	7.89	LwA	839	8.70	LwA	865	9.51	LwA	915	11.2	LwA	963	12.9	LwA	1012	14.7	LwA	1036	15.6	LwA	1060	16.6	LwA	1084	17.5	LwA	1108	18.5
27949		LwA	81		LwA	81		LwA	82		LwA	83		LwA	83		LwA	84		LwA	85		LwA	86		LwA	86		LwA	86		LwA	87		LwA	87	
17135	2500	LwA	725	5.54	LwA	780	6.97	LwA	832	8.50	LwA	859	9.33	LwA	884	10.2	LwA	933	11.9	LwA	980	13.7	LwA	1026	15.5	LwA	1049	16.4	LwA	1072	17.4	LwA	1096	18.4	LwA	1119	19.4
29112		LwA	82		LwA	82		LwA	83		LwA	84		LwA	84		LwA	85		LwA	86		LwA	87		LwA	87		LwA	87		LwA	88		LwA	88	
17821	2600	LwA	750	6.10	LwA	803	7.60	LwA	853	9.16	LwA	879	10.0	LwA	904	10.8	LwA	952	12.6	LwA	997	14.4	LwA	1042	16.3	LwA	1064	17.3	LwA	1086	18.3	LwA	1109	19.3	LwA	1131	20.3
30278		LwA	83		LwA	83		LwA	84		LwA	84		LwA	85		LwA	86		LwA	87		LwA	87		LwA	88		LwA	88		LwA	88		LwA	89	
18506	2700	LwA			LwA	826	8.27	LwA	875	9.86	LwA	899	10.7	LwA	923	11.6	LwA	971	13.4	LwA	1015	15.3	LwA	1058	17.2	LwA	1080	18.2	LwA	1101	19.2	LwA	1123	20.2	LwA	1144	21.2
31442		LwA			LwA	84		LwA	85		LwA	85		LwA	86		LwA	87		LwA	88		LwA	88		LwA	88		LwA	89		LwA	89		LwA	89	
19877	2900	LwA			LwA	873	9.75	LwA	918	11.4	LwA	941	12.3	LwA	964	13.2	LwA	1009	15.1	LwA	1052	17.1	LwA	1093	19.1	LwA	1114	20.1	LwA	1133	21.2	LwA	1154	22.2	LwA	1173	23.3
33771		LwA			LwA	86		LwA	87		LwA	87		LwA	88		LwA	88		LwA	89		LwA	90		LwA	90		LwA	90		LwA	91		LwA	91	
21248	3100	LwA			LwA	920	11.4	LwA	964	13.2	LwA	985	14.1	LwA	1006	15.0	LwA	1049	16.9	LwA	1091	19.1	LwA	1130	21.2	LwA	1150	22.3	LwA	1169	23.3	LwA	1188	24.4	LwA	1206	25.5
36100		LwA			LwA	88		LwA	88		LwA	89		LwA	89		LwA	90		LwA	90		LwA	91		LwA	91		LwA	92		LwA	92		LwA	92	
22619	3300	LwA			LwA			LwA	1010	15.1	LwA	1030	16.1	LwA	1050	17.0	LwA	1090	19.1	LwA	1130	21.2	LwA	1169	23.4	LwA	1188	24.6	LwA	1206	25.7	LwA	1224	26.9	LwA	1242	28.0
38430		LwA			LwA			LwA	90		LwA	90		LwA	90		LwA	91		LwA	92		LwA	93		LwA	93		LwA	93		LwA	93		LwA	94	
23989	3500	LwA			LwA			LwA	1076	18.3	LwA	1095	19.3	LwA	1132	21.4	LwA	1170	23.6	LwA	1207	25.9	LwA	1226	27.1	LwA	1244	28.3	LwA	1262	29.5	LwA	1279	30.7			
40757		LwA			LwA			LwA	92		LwA	92		LwA	93		LwA	93		LwA	94		LwA	94		LwA	95		LwA	95		LwA	95		LwA	95	
26046	3800	LwA			LwA			LwA	1146	22.1	LwA	1164	23.2	LwA	1198	25.3	LwA	1233	27.6	LwA	1268	30.0	LwA	1285	31.3	LwA	1302	32.5	LwA	1320	33.8	LwA	1336	35.1			
44252		LwA			LwA			LwA	94		LwA	94		LwA	95		LwA	95		LwA	96		LwA	96		LwA	96		LwA	96		LwA	97		LwA	97	
26731	3900	LwA			LwA			LwA	1170	23.4	LwA	1187	24.5	LwA	1221	26.8	LwA	1254	29.1	LwA	1288	31.5	LwA	1305	32.8	LwA	1322	34.0	LwA	1339	35.3	LwA	1359	36.6			
45416		LwA			LwA			LwA	95		LwA	95		LwA	96		LwA	96		LwA	96		LwA	97		LwA	97		LwA	97		LwA	98		LwA	98	

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		120.7mm/4.75"		127.0mm/5.0"		133.4mm/5.25"		139.7mm/5.5"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"		196.9mm/7.75"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
9596	1400	LwA	1096	12.4	LwA	1124	13.1	LwA	1151	13.9	LwA	1178	14.7	LwA	1230	16.4	LwA	1255	17.2	LwA	1279	18.1	LwA	1303	18.9	LwA	1327	19.8	LwA	1350	20.7	LwA	1373	21.6	LwA	1395	22.6
16304		LwA	86		LwA	87		LwA	88		LwA	89		LwA	90		LwA	91		LwA	92		LwA	92		LwA	93		LwA	94		LwA	94		LwA	94	
10967	1600	LwA	1097	13.5	LwA	1125	14.3	LwA	1153	15.2	LwA	1179	16.0	LwA	1231	17.7	LwA	1257	18.6	LwA	1281	19.5	LwA	1306	20.4	LwA	1329	21.3	LwA	1353	22.3	LwA	1375	23.2	LwA	1398	24.1
18633		LwA	86		LwA	87		LwA	88		LwA	89		LwA	90		LwA	91		LwA	92		LwA	92		LwA	93		LwA	94		LwA	94		LwA	94	
12337	1800	LwA	1100	14.8	LwA	1127	15.7	LwA	1155	16.6	LwA	1181	17.4	LwA	1233	19.2	LwA</																				

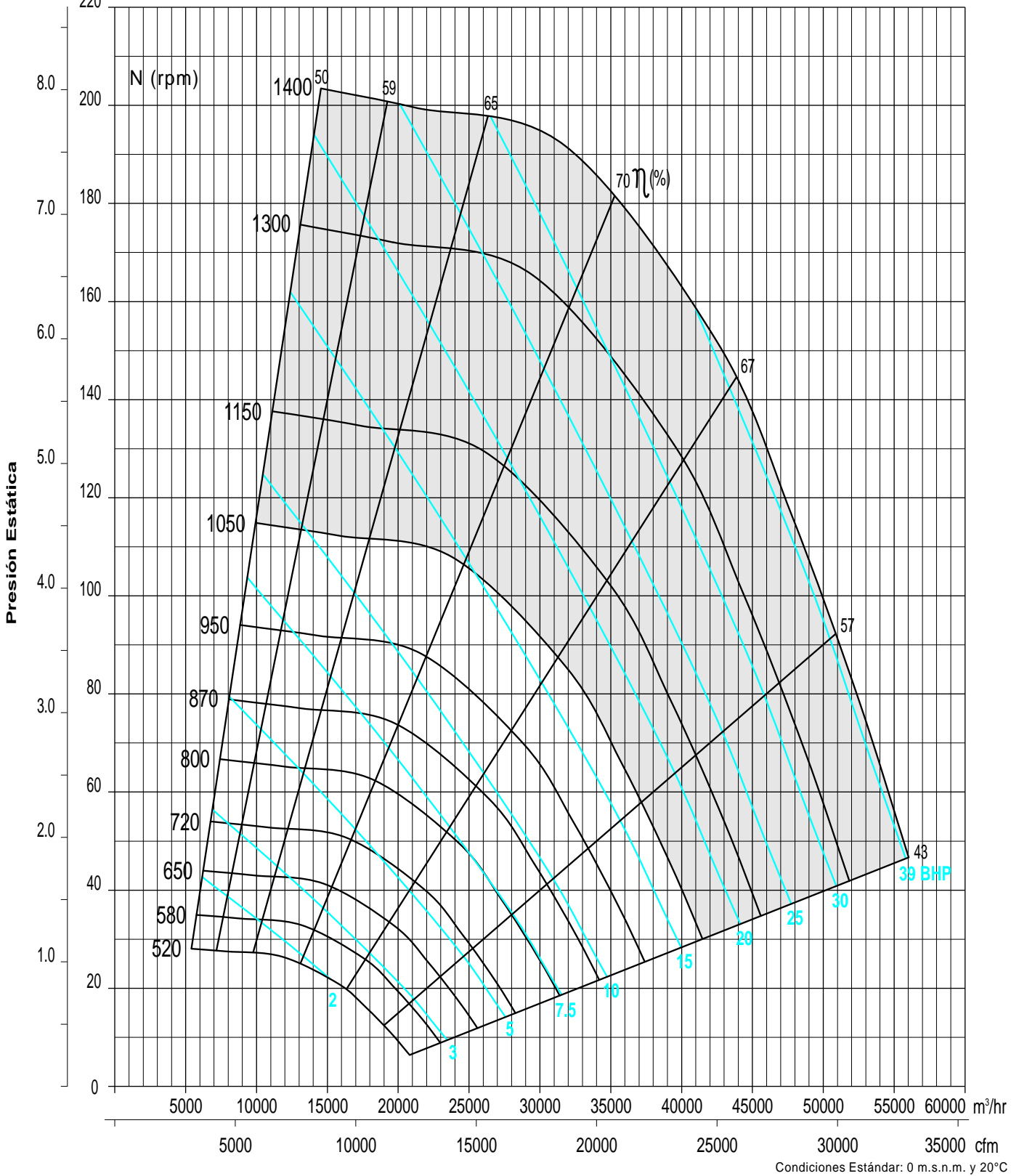


# BNA 900



## CURVA CARACTERÍSTICA

in wg mmca  
220



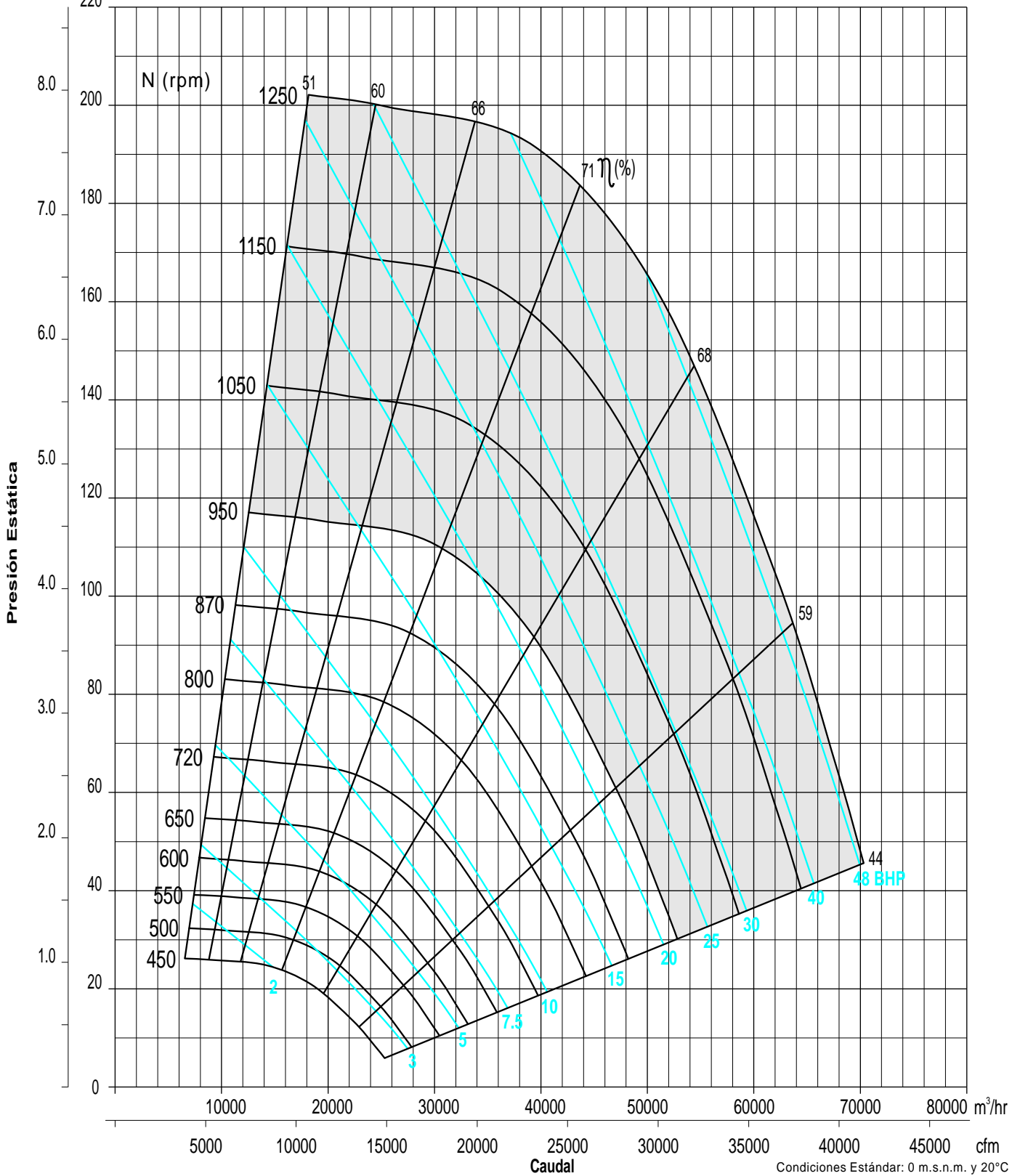


# BNA 1000



## CURVA CARACTERÍSTICA

in wg mmca  
220



# BNA 1120



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1120 mm (44 1/16 inch)  
 Diámetro del eje: Clase I 57.1 mm (2 1/4 inch)  
 Clase II XXX mm (XXX inch)

BHP máximas: Clase I 26.3, Clase II 67.0  
 Armazón máximo de motor: Clase I 286T, Clase II 365T

RPM máximas: Clase I 850, Clase II 1150  
 Peso del equipo: 325 Kg (715 Lb)

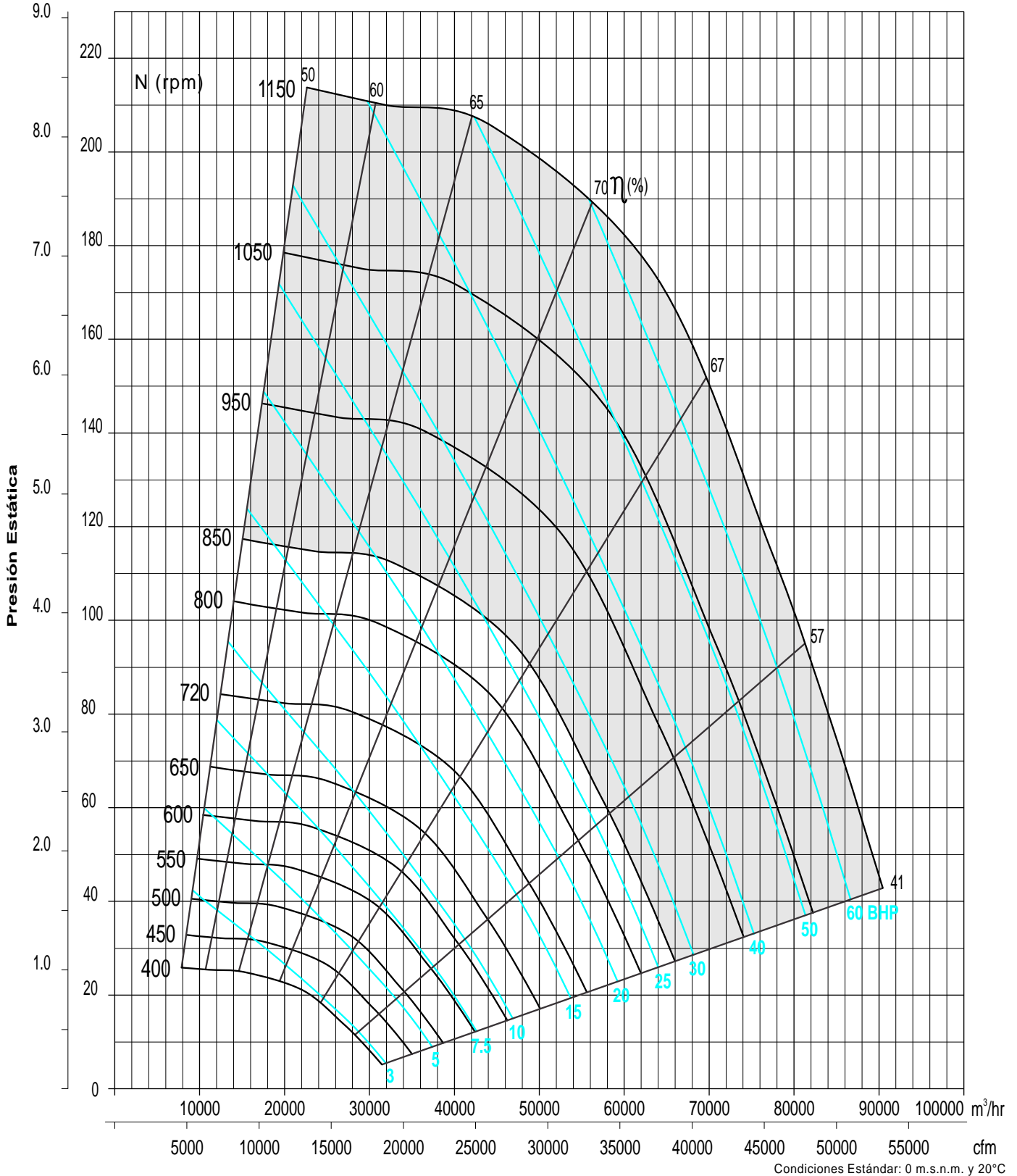
CFM m³/hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		19.1mm/0.75"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		69.9mm/2.75"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		114.3mm/4.5"																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
10599	1000	LwA	364	1.96	LwA	409	2.59	LwA	495	3.97	LwA	534	4.72	LwA	570	5.50	LwA	636	7.13	LwA	667	8.02	LwA	696	8.90	LwA	751	10.8	LwA	778	11.7	LwA	803	12.8	LwA	850	14.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
18008		BHP	63	65	71	73	75	79	80	82	84	85	86	88	89	90	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423

# BNA 1120



## CURVA CARACTERÍSTICA

in wg mmca



# BNA 1250



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1250 mm (49 3/16 inch)  
 Diámetro del eje: Clase I 69.8 mm (2 3/4 inch)  
 Clase II XXX mm (XXX inch)

BHP máximas: Clase I 33.5, Clase II 73.7  
 Armazón máximo de motor: Clase I 324T, Clase II 365T

RPM máximas: Clase I 780, Clase II 1000  
 Peso del equipo: 395 Kg (869 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		19.1mm/0.75"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		69.9mm/2.75"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		114.3mm/4.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP										
13192	1000	LwA	337	2.41	LwA	377	3.16	LwA	453	4.81	LwA	488	5.70	LwA	521	6.61	LwA	582	8.54	LwA	610	9.57	LwA	637	10.6	LwA	687	12.8	LwA	711	14.0	LwA	734	15.2	LwA	778	17.6
22413		BHP	65		BHP	67		BHP	72		BHP	74		BHP	76		BHP	80		BHP	82		BHP	83		BHP	86		BHP	87		BHP	87		BHP	89	
17149	1300	LwA	372	3.43	LwA	404	4.29	LwA	466	6.20	LwA	497	7.20	LwA	527	8.25	LwA	585	10.4	LwA	613	11.6	LwA	639	12.7	LwA	689	15.1	LwA	713	16.4	LwA	736	17.6	LwA	781	20.2
29136		BHP	70		BHP	71		BHP	73		BHP	75		BHP	77		BHP	80		BHP	82		BHP	83		BHP	86		BHP	87		BHP	87		BHP	89	
21107	1600	LwA	416	4.83	LwA	444	5.82	LwA	495	7.95	LwA	521	9.08	LwA	546	10.2	LwA	597	12.6	LwA	622	13.9	LwA	646	15.2	LwA	694	17.8	LwA	717	19.2	LwA	739	20.6	LwA	783	23.4
35861		BHP	74		BHP	76		BHP	77		BHP	78		BHP	79		BHP	81		BHP	82		BHP	83		BHP	86		BHP	87		BHP	87		BHP	89	
22426	1700	LwA	432	5.38	LwA	458	6.42	LwA	508	8.64	LwA	532	9.80	LwA	556	11.0	LwA	604	13.5	LwA	627	14.8	LwA	651	16.1	LwA	697	18.9	LwA	719	20.3	LwA	741	21.7	LwA	784	24.6
38102		BHP	76		BHP	77		BHP	78		BHP	79		BHP	80		BHP	82		BHP	83		BHP	84		BHP	86		BHP	87		BHP	87		BHP	89	
23745	1800	LwA	448	6.01	LwA	473	7.08	LwA	521	9.39	LwA	544	10.6	LwA	566	11.8	LwA	612	14.4	LwA	634	15.8	LwA	657	17.1	LwA	701	19.9	LwA	723	21.4	LwA	744	22.8	LwA	786	25.8
40343		BHP	77		BHP	78		BHP	80		BHP	80		BHP	81		BHP	83		BHP	83		BHP	84		BHP	86		BHP	87		BHP	87		BHP	89	
25064	1900	LwA	464	6.69	LwA	488	7.79	LwA	535	10.2	LwA	557	11.4	LwA	578	12.7	LwA	621	15.4	LwA	643	16.7	LwA	664	18.2	LwA	707	21.0	LwA	728	22.5	LwA	748	24.1	LwA	789	27.1
42584		BHP	79		BHP	79		BHP	81		BHP	82		BHP	82		BHP	84		BHP	84		BHP	85		BHP	86		BHP	87		BHP	87		BHP	89	
26384	2000	LwA	481	7.44	LwA	504	8.57	LwA	549	11.0	LwA	571	12.3	LwA	591	13.6	LwA	632	16.4	LwA	652	17.8	LwA	673	19.3	LwA	713	22.2	LwA	734	23.8	LwA	753	25.3	LwA	793	28.5
44826		BHP	80		BHP	81		BHP	82		BHP	83		BHP	83		BHP	85		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	88	
27703	2100	LwA	498	8.27	LwA	520	9.41	LwA	564	11.9	LwA	585	13.3	LwA	605	14.7	LwA	643	17.5	LwA	663	18.9	LwA	682	20.4	LwA	721	23.5	LwA	741	25.1	LwA	760	26.6	LwA	798	29.9
47067		BHP	81		BHP	82		BHP	83		BHP	84		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	88		BHP	88		BHP	89	
29022	2200	LwA	516	9.17	LwA	537	10.3	LwA	579	12.9	LwA	599	14.4	LwA	619	15.7	LwA	656	18.6	LwA	675	20.1	LwA	693	21.6	LwA	730	24.8	LwA	749	26.4	LwA	767	28.0	LwA	804	31.4
49308		BHP	83		BHP	83		BHP	84		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	88		BHP	88		BHP	89		BHP	89	
30341	2300	LwA	534	10.1	LwA	554	11.3	LwA	594	14.0	LwA	614	15.5	LwA	633	16.9	LwA	669	19.9	LwA	687	21.4	LwA	705	22.9	LwA	740	26.2	LwA	758	27.8	LwA	776	29.5	LwA	811	32.9
51549		BHP	84		BHP	84		BHP	86		BHP	86		BHP	87		BHP	88		BHP	88		BHP	89		BHP	89		BHP	89		BHP	89		BHP	90	
31660	2400	LwA	552	11.2	LwA	571	12.4	LwA	609	15.1	LwA	629	16.6	LwA	648	18.1	LwA	683	21.2	LwA	701	22.8	LwA	717	24.4	LwA	751	27.6	LwA	768	29.3	LwA	785	31.0	LwA	819	34.5
53790		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	89		BHP	89		BHP	89		BHP	90		BHP	90		BHP	90		BHP	91	
32979	2500	LwA			LwA	589	13.6	LwA	625	16.4	LwA	644	17.9	LwA	662	19.4	LwA	697	22.6	LwA	714	24.2	LwA	731	25.8	LwA	763	29.2	LwA	780	30.9	LwA	796	32.7	LwA	829	36.2
56031		BHP			BHP	87		BHP	88		BHP	88		BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	91		BHP	91		BHP	91	
34299	2600	LwA			LwA	606	14.9	LwA	642	17.7	LwA	660	19.2	LwA	677	20.8	LwA	712	24.1	LwA	728	25.7	LwA	744	27.4	LwA	776	30.8	LwA	792	32.6	LwA	807	34.4	LwA	839	38.0
58274		BHP			BHP	88		BHP	89		BHP	89		BHP	90		BHP	91		BHP	91		BHP	91		BHP	92		BHP	92		BHP	92		BHP	92	
35618	2700	LwA			LwA	624	16.2	LwA	658	19.1	LwA	676	20.6	LwA	693	22.2	LwA	727	25.6	LwA	743	27.3	LwA	758	29.1	LwA	789	32.5	LwA	804	34.4	LwA	819	36.2	LwA	850	39.9
60515		BHP			BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92		BHP	92		BHP	92		BHP	92		BHP	93	
38256	2900	LwA			LwA	693	22.2	LwA	708	23.8	LwA	724	25.4	LwA	756	28.9	LwA	772	30.7	LwA	787	32.6	LwA	817	36.3	LwA	831	38.2	LwA	845	40.1	LwA	874	43.9			
64997		BHP			BHP	92		BHP	92		BHP	92		BHP	93		BHP	93		BHP	93		BHP	93		BHP	94		BHP	94		BHP	94		BHP	94	
42214	3200	LwA			LwA	745	27.6	LwA	760	29.3	LwA	774	31.0	LwA	803	34.6	LwA	818	36.6	LwA	832	38.5	LwA	860	42.5	LwA	874	44.6	LwA	888	46.6	LwA	914	50.7			
71722		BHP			BHP	94		BHP	94		BHP	94		BHP	94		BHP	95		BHP	95		BHP	96		BHP	96		BHP	96		BHP	96		BHP	96	
46171	3500	LwA			LwA	813	35.8	LwA	826	37.6	LwA	852	41.4	LwA	866	43.4	LwA	879	45.4	LwA	905	49.6	LwA	919	51.8	LwA	931	53.9	LwA	931	53.9	LwA	957	58.4			
78445		BHP			BHP	96		BHP	96		BHP	96		BHP	97		BHP	97		BHP	97		BHP	97		BHP	98		BHP	98		BHP	98		BHP	99	
47490	3600	LwA			LwA	831	38.2	LwA	844	40.1	LwA	869	43.9	LwA	882	45.9	LwA	895	47.9	LwA	921	52.2	LwA	934	54.4	LwA	946	56.6	LwA	946	56.6	LwA	971	61.2			
80686		BHP			BHP	97		BHP	97		BHP	97		BHP	97		BHP	98		BHP	98		BHP	98		BHP	98		BHP	98		BHP	98		BHP	99	

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		120.7mm/4.75"		127.0mm/5.0"		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		187.3mm/7.38"													
		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										
17149	1300	LwA	802	21.6	LwA	823	22.9	LwA	843	24.4	LwA	862	25.8	LwA	881	27.2	LwA	900	28.7	LwA	918	30.2	LwA	936	31.7	LwA	954	33.3	LwA	971	34.8	LwA	988	36.4	LwA	996	37.2
29136		BHP	89		BHP	90		BHP	91		BHP	92		BHP	92		BHP	92		BHP	93		BHP	94		BHP	94		BHP	95		BHP	95		BHP	96	
19788	1500	LwA	803	23.7	LwA	824	25.2	LwA	844	26.6	LwA	863	28.1	LwA	883	29.6	LwA	901	31.1	LwA	920	32.7	LwA	938	34.3	LwA	955	35.9	LwA	972	37.5	LwA	989	39.2	LwA	998	39.9
33620		BHP	89		BHP	90		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93		BHP	94		BHP	94		BHP	95		BHP	95		BHP	96	
22426	1700	LwA	805	26.1	LwA	825	27.6	LwA	845	29.1	LwA	865	30.7	LwA	884	32.3	LwA	902	33.9	LwA	921	35.5	LwA	939	37.1	LwA	956	38.8	LwA	973	40.5	LwA	990	42.2	LwA	999	43.0
38102		BHP	89	</																																	

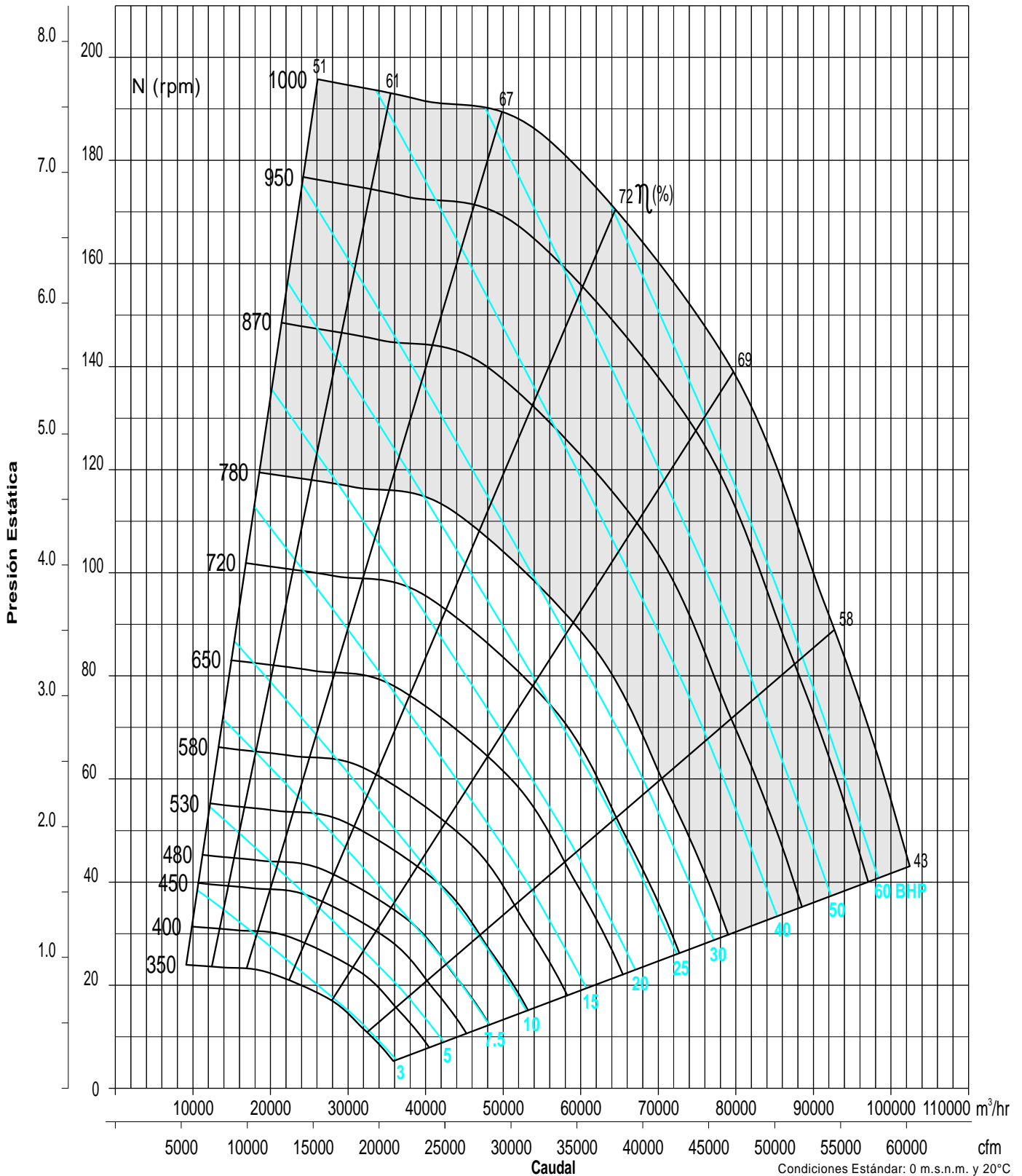


# BNA 1250



## CURVA CARACTERÍSTICA

in wg mmca





# BNA 1400



## CARACTERÍSTICAS PRINCIPALES

Diámetro de rodete: 1400 mm (55 1/8 inch)  
 Diámetro del eje: Clase I 76.2 mm (3 inch)  
 Clase II XXX mm (XXX inch)

BHP máximas: Clase I 46.9, Clase II 94.8  
 Armazón máximo de motor: Clase I 326T, Clase II 405T

RPM máximas: Clase I 680, Clase II 880  
 Peso del equipo: 420 Kg (924 Lb)

CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		19.1mm/0.75"		25.4mm/1.0"		38.1mm/1.5"		44.5mm/1.75"		50.8mm/2.0"		63.5mm/2.5"		69.9mm/2.75"		76.2mm/3.0"		88.9mm/3.5"		95.3mm/3.75"		101.6mm/4.0"		114.3mm/4.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
16560	1000	LwA	284	3.00	LwA	321	3.98	LwA	389	6.13	LwA	420	7.28	LwA	448	8.48	LwA	500	11.0	LwA	525	12.4	LwA	547	13.8	LwA	591	16.7	LwA	611	18.2	LwA	631	19.8	LwA	668	23.0
28135		BHP	65		BHP	68		BHP	73		BHP	75		BHP	77		BHP	80		BHP	82		BHP	83		BHP	86		BHP	87		BHP	88		BHP	90	
21528	1300	RPM	310	4.16	RPM	338	5.28	RPM	396	7.75	RPM	424	9.07	RPM	451	10.4	RPM	502	13.2	RPM	526	14.7	RPM	549	16.2	RPM	593	19.4	RPM	613	21.1	RPM	633	22.7	RPM	671	26.2
36576		BHP	69		BHP	71		BHP	74		BHP	75		BHP	77		BHP	80		BHP	82		BHP	83		BHP	86		BHP	87		BHP	88		BHP	90	
26495	1600	RPM	343	5.74	RPM	368	7.03	RPM	415	9.76	RPM	439	11.2	RPM	462	12.7	RPM	508	15.9	RPM	531	17.5	RPM	552	19.2	RPM	595	22.6	RPM	615	24.4	RPM	635	26.2	RPM	672	29.9
45015		BHP	74		BHP	75		BHP	76		BHP	77		BHP	79		BHP	81		BHP	82		BHP	84		BHP	86		BHP	87		BHP	88		BHP	90	
31463	1900	RPM	380	7.80	RPM	403	9.25	RPM	444	12.3	RPM	464	13.9	RPM	484	15.6	RPM	523	19.0	RPM	543	20.8	RPM	563	22.6	RPM	602	26.4	RPM	621	28.4	RPM	639	30.3	RPM	675	34.3
53456		BHP	78		BHP	79		BHP	80		BHP	81		BHP	83		BHP	84		BHP	85		BHP	86		BHP	87		BHP	88		BHP	89		BHP	90	
34775	2100	RPM	407	9.55	RPM	427	11.1	RPM	466	14.4	RPM	485	16.1	RPM	503	17.8	RPM	539	21.4	RPM	557	23.3	RPM	575	25.3	RPM	610	29.2	RPM	628	31.3	RPM	646	33.4	RPM	680	37.6
59083		BHP	81		BHP	81		BHP	82		BHP	83		BHP	85		BHP	85		BHP	86		BHP	86		BHP	87		BHP	88		BHP	89		BHP	91	
36431	2200	RPM	420	10.5	RPM	439	12.1	RPM	478	15.5	RPM	496	17.3	RPM	513	19.0	RPM	548	22.8	RPM	565	24.7	RPM	582	26.7	RPM	616	30.8	RPM	633	32.9	RPM	650	34.9	RPM	684	39.3
61896		BHP	82		BHP	82		BHP	83		BHP	84		BHP	86		BHP	86		BHP	87		BHP	87		BHP	88		BHP	89		BHP	90		BHP	91	
38087	2300	RPM	434	11.6	RPM	453	13.2	RPM	490	16.7	RPM	508	18.5	RPM	524	20.4	RPM	557	24.2	RPM	574	26.2	RPM	590	28.2	RPM	623	32.4	RPM	640	34.5	RPM	656	36.7	RPM	688	41.1
64710		BHP	83		BHP	83		BHP	84		BHP	85		BHP	85		BHP	86		BHP	87		BHP	87		BHP	89		BHP	89		BHP	90		BHP	91	
39743	2400	RPM	448	12.8	RPM	466	14.4	RPM	502	17.9	RPM	519	19.8	RPM	536	21.7	RPM	568	25.7	RPM	583	27.7	RPM	599	29.8	RPM	630	34.0	RPM	646	36.2	RPM	662	38.4	RPM	693	42.9
67523		BHP	84		BHP	84		BHP	85		BHP	86		BHP	87		BHP	88		BHP	88		BHP	89		BHP	89		BHP	90		BHP	90		BHP	91	
41399	2500	RPM	463	14.0	RPM	480	15.6	RPM	514	19.3	RPM	531	21.2	RPM	547	23.2	RPM	578	27.3	RPM	594	29.3	RPM	608	31.4	RPM	639	35.8	RPM	654	38.0	RPM	669	40.3	RPM	699	44.9
70337		BHP	85		BHP	86		BHP	87		BHP	87		BHP	88		BHP	88		BHP	89		BHP	89		BHP	90		BHP	91		BHP	91		BHP	92	
43055	2600	RPM	477	15.3	RPM	493	17.0	RPM	526	20.7	RPM	543	22.7	RPM	559	24.8	RPM	589	28.9	RPM	604	31.1	RPM	619	33.2	RPM	648	37.6	RPM	662	39.9	RPM	677	42.3	RPM	706	47.0
73150		BHP	87		BHP	87		BHP	88		BHP	88		BHP	89		BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92	
44711	2700	RPM	491	16.7	RPM	507	18.5	RPM	539	22.3	RPM	555	24.3	RPM	571	26.4	RPM	601	30.7	RPM	615	32.9	RPM	629	35.1	RPM	657	39.6	RPM	671	41.9	RPM	685	44.3	RPM	713	49.1
75964		BHP	88		BHP	88		BHP	88		BHP	89		BHP	89		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93	
46367	2800	RPM			RPM	522	20.1	RPM	552	23.9	RPM	568	25.9	RPM	583	28.1	RPM	612	32.5	RPM	627	34.8	RPM	640	37.0	RPM	667	41.7	RPM	681	44.1	RPM	694	46.5	RPM	721	51.4
78778		BHP			BHP	89		BHP	89		BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	93		BHP	93		BHP	93		BHP	94	
48023	2900	RPM			RPM	536	21.8	RPM	565	25.7	RPM	580	27.8	RPM	595	29.9	RPM	624	34.5	RPM	638	36.8	RPM	652	39.1	RPM	678	43.8	RPM	691	46.3	RPM	704	48.7	RPM	730	53.7
81591		BHP			BHP	90		BHP	90		BHP	91		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93		BHP	94		BHP	94		BHP	94	
49679	3000	RPM			RPM	550	23.5	RPM	579	27.6	RPM	593	29.7	RPM	607	31.8	RPM	636	36.5	RPM	650	38.9	RPM	663	41.3	RPM	689	46.1	RPM	702	48.6	RPM	714	51.1	RPM	739	56.2
84405		BHP			BHP	91		BHP	91		BHP	92		BHP	92		BHP	93		BHP	93		BHP	94		BHP	94		BHP	94		BHP	94		BHP	95	
54647	3300	RPM			RPM	621	33.9	RPM	633	36.1	RPM	646	38.3	RPM	672	43.2	RPM	685	45.7	RPM	698	48.3	RPM	723	53.6	RPM	735	56.2	RPM	747	58.9	RPM	770	64.3			
92845		BHP			BHP	94		BHP	94		BHP	95		BHP	95		BHP	96		BHP	96		BHP	96		BHP	96		BHP	96		BHP	96		BHP	97	
59615	3600	RPM			RPM	663	41.3	RPM	675	43.7	RPM	687	46.1	RPM	711	51.0	RPM	723	53.6	RPM	735	56.3	RPM	758	61.9	RPM	770	64.8	RPM	781	67.6	RPM	804	73.4			
101286		BHP			BHP	97		BHP	97		BHP	97		BHP	97		BHP	97		BHP	98		BHP	98		BHP	98		BHP	98		BHP	98		BHP	98	
64583	3900	RPM			RPM			RPM	718	52.4	RPM	729	54.9	RPM	751	60.2	RPM	762	62.9	RPM	773	65.6	RPM	795	71.4	RPM	806	74.4	RPM	817	77.4	RPM	838	83.6			
109727		BHP			BHP			BHP	99		BHP	99		BHP	99		BHP	99		BHP	99		BHP	99		BHP	100		BHP	100		BHP	100		BHP	100	
66239	4000	RPM			RPM			RPM	733	55.5	RPM	743	58.2	RPM	765	63.5	RPM	775	66.2	RPM	786	69.0	RPM	807	74.8	RPM	818	77.9	RPM	829	80.9	RPM	850	87.2			
112540		BHP			BHP			BHP	100		BHP	100		BHP	100		BHP	100		BHP	100		BHP	100		BHP	100		BHP	100		BHP	101		BHP	101	

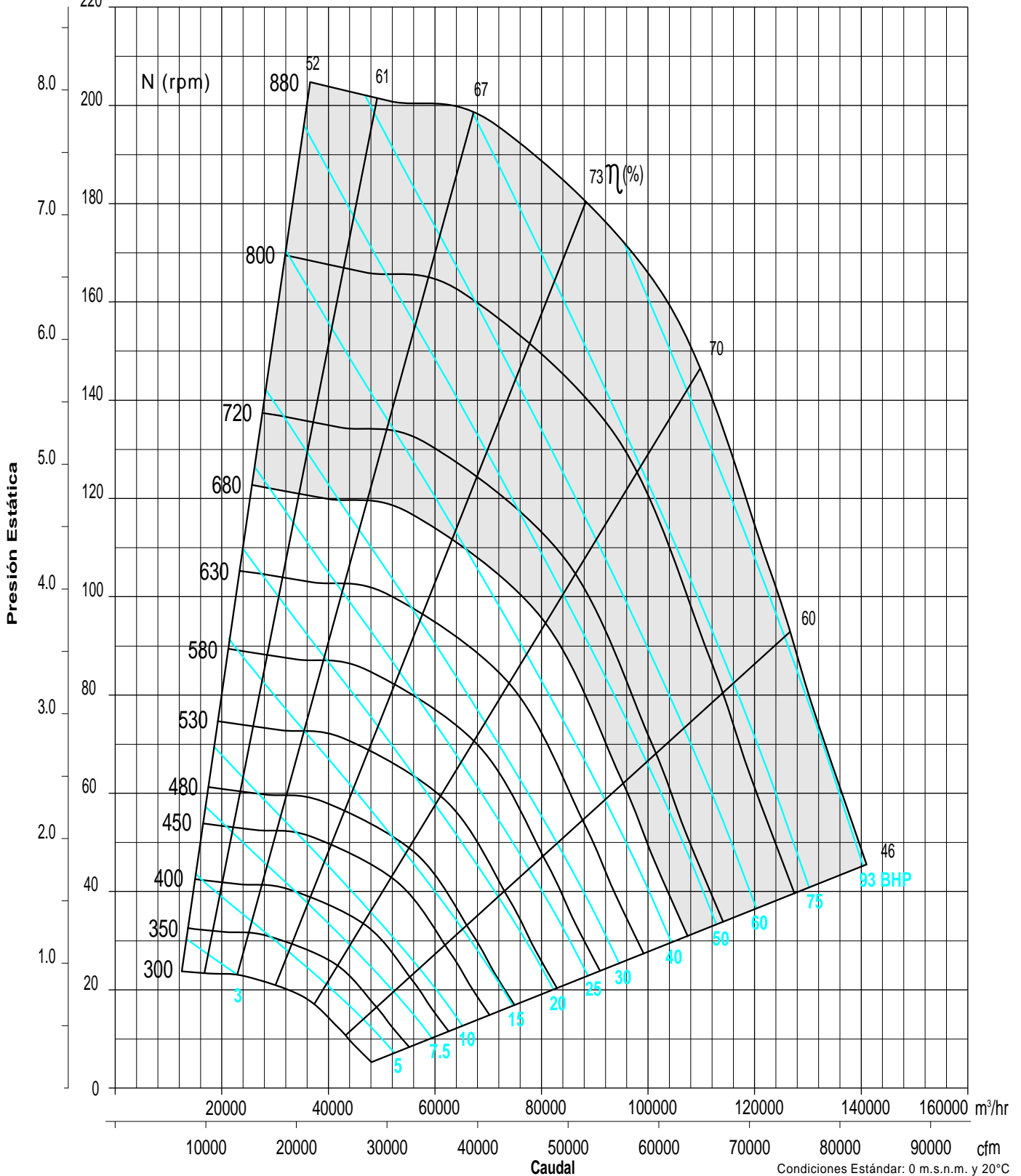
CFM m <sup>3</sup> /hr	Vel. salida PPM	PRESION ESTATICA mmca - inwg.																																			
		120.7mm/4.75"		127.0mm/5.0"		133.4mm/5.25"		139.7mm/5.5"		146.1mm/5.75"		152.4mm/6.0"		158.8mm/6.25"		165.1mm/6.5"		171.5mm/6.75"		177.8mm/7.0"		184.2mm/7.25"		190.5mm/7.5"													
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP												
23183	1400	LwA	690	29.2	LwA	707	31.0	LwA	725	32.9	LwA	742	34.9	LwA	758	36.8	LwA	774	38.8	LwA	790	40.8	LwA	805	42.9	LwA	821	44.9	LwA	835	47.1	LwA	850	49.2	LwA	864	51.3
39388		BHP	91		BHP	92		BHP	93		BHP	93		BHP	94		BHP	94		BHP	94		BHP	95		BHP	95		BHP	96		BHP	96		BHP	97	
26495	1600	RPM	691	31.8	RPM	708	33.8	RPM	726	35.8	RPM	743	37.7	RPM	759	39.8	RPM	775	41.8	RPM	791	43.9	RPM	807	46.1	RPM	822	48.2	RPM	836	50.4	RPM	851	52.6	RPM	865	54.9
45015		BHP	91		BHP	92		BHP	93		BHP	93		BHP	94		BHP	94		BHP	94		BHP	95		BHP	95		BHP	96		BHP	96		BHP	97	
29807	1800	RPM	692	34.8	RPM	709	36.8	RPM	727	38.9	RPM	744	41.0	RPM	760	43.1	RPM	776	45.2	RPM	792	47.4	RPM	808	49.6	RPM	823	51.9	RPM	837	54.1	RPM	852	56.4	RPM	866	58.7
50642		BHP	91		BHP	92		BHP	93		BHP	93		BHP	94		BHP	94		BHP	94		BHP	95		BHP	95		BHP	96		BHP	96		BHP	97	
33119	2000	RPM	695	38.1	RPM	712	40.2	RPM	729	42.4	RPM	745	44.5	RPM	762	46.8	RPM	777	48.9	RPM	793	51.2	RPM	8													

# BNA 1400



## CURVA CARACTERÍSTICA

in wg mmca  
220



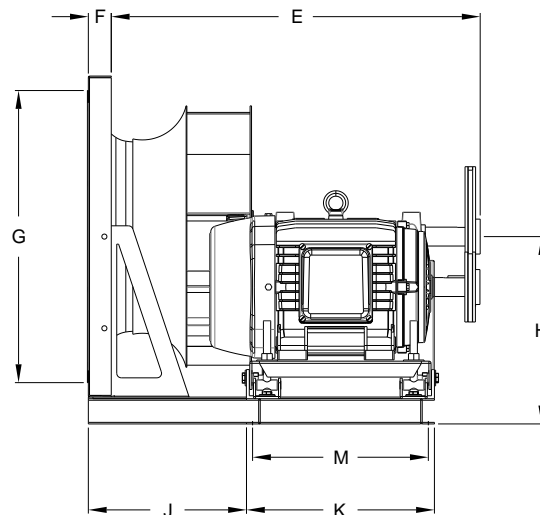
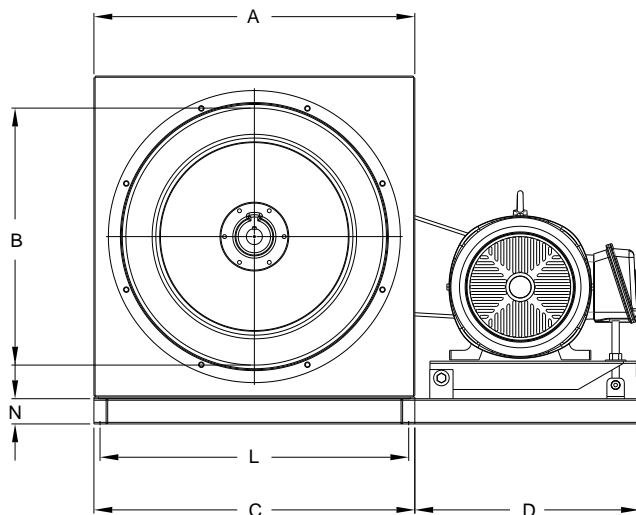
# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS TRANSMISIÓN POLEAS-BANDAS

### DIMENSIONES

Modelos del 280 al 630

Clase I y Clase II



Dimensiones en mm.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
BNA 280	400	288	400	350	445	32	348	257	108	317	370	289	55
BNA 315	450	332	450	430	489 509	32	382	282	145	310	420	283	55
BNA 355	490	371	490	430	539 559	32	422	302	195	310	460	283	55
BNA 400	530	415	530	430	597 625	32	464	322	250	310	500	283	55
BNA 450	580	465	580	505	640 643	32	514	347	175	410	550	384	55
BNA 500	630	524	630	490	724 728	30	564	372	245	410	600	383	55
BNA 560	700	585	700	490	825 824	30	637	408	345	410	670	383	55
BNA 630	790	657	790	490 710	908	40	710	452 474	395 309	450 536	760	413 500	55 76

Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
BNA 280	15 3/4	11 5/16	15 3/4	13 3/4	17 1/2	1 1/4	13 11/16	10 1/8	4 1/4	12 1/2	14 9/16	11 3/8	2 3/16
BNA 315	17 11/16	13 1/16	17 11/16	16 15/16	19 1/4 20 1/16	1 1/4	15 1/16	11 1/8	5 11/16	12 3/16	16 9/16	11 1/8	2 3/16
BNA 355	19 5/16	14 5/8	19 5/16	16 15/16	21 1/4 22	1 1/4	16 5/8	11 7/8	7 11/16	12 3/16	18 1/8	11 1/8	2 3/16
BNA 400	20 7/8	16 5/16	20 7/8	16 15/16	23 1/2 24 5/8	1 1/4	18 1/4	12 11/16	9 13/16	12 3/16	19 11/16	11 1/8	2 3/16
BNA 450	22 13/16	18 5/16	22 13/16	19 7/8	25 3/16 25 5/16	1 1/4	20 1/4	13 11/16	6 7/8	16 1/8	21 5/8	15 1/8	2 3/16
BNA 500	24 13/16	20 5/8	24 13/16	19 5/16	28 1/2 28 11/16	1 3/16	22 3/16	14 5/8	9 5/8	16 1/8	23 5/8	15 1/16	2 3/16
BNA 560	27 9/16	23 1/16	27 9/16	19 5/16	32 1/2 32 7/16	1 3/16	25 1/16	16 1/16	13 9/16	16 1/8	26 3/8	15 1/16	2 3/16
BNA 630	31 1/8	25 7/8	31 1/8	19 5/16 27 15/16	35 3/4	1 9/16	27 15/16	17 13/16 18 11/16	15 9/16 12 3/16	17 11/16 21 1/8	29 15/16	16 1/4 19 11/16	2 3/16 3

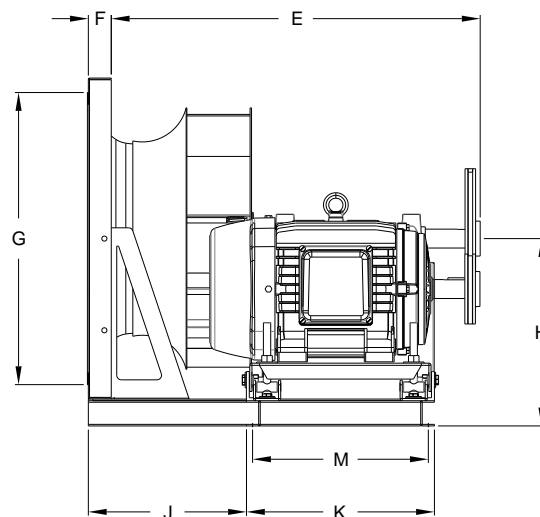
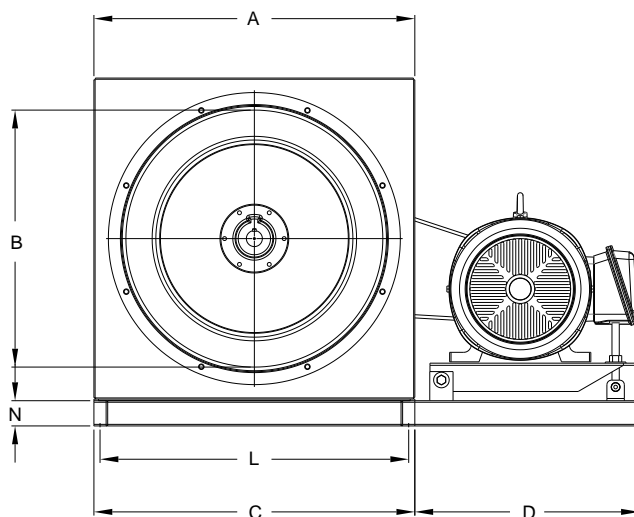
# BNA

## VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS TRANSMISIÓN POLEAS-BANDAS

### DIMENSIONES

Modelos del 710 al 1400

Clase I y Clase II



Dimensiones en mm.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
BNA 710	890	735	890	710	1080 1083	38	784	550	460	540	850	500	102
BNA 800	1000	824	1000	690	1233 1234	38	872	605	500	650	960	610	102
BNA 900	1120	912	1120	710	1333 1330	39	966	665	601	650	1090	610	102
BNA 1000	1240	1029	1240	710	1453	40	1077	725	702	650	1195	610	102
BNA 1120	1390	1120	1390	710	1528	40	1210	800	775	650	1350	610	102
BNA 1250	1550	1250	1550	710	1570	40	1353	880	840	650	1510	610	102
BNA 1400	1700	1400	1700	710	1701	50	1524	955	980	650	1660	610	102

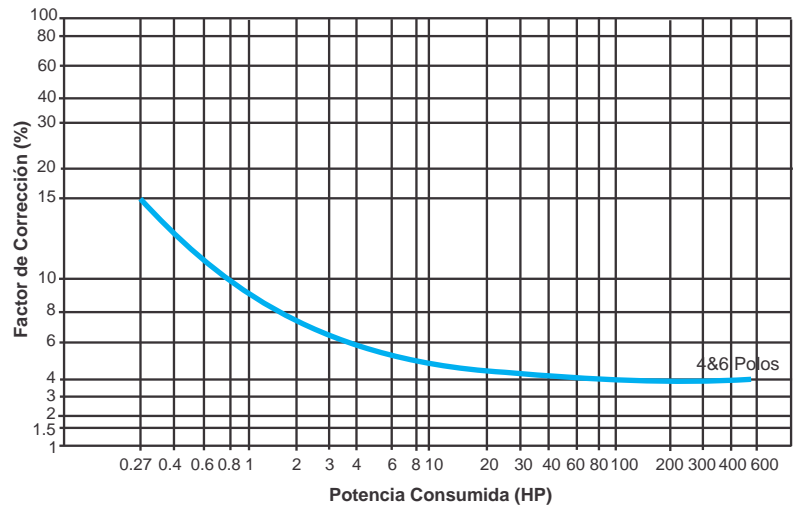
Dimensiones en pulg.

MODELO	A	B	C	D	E	F	G	H	J	K	L	M	N
BNA 710	35 1/16	28 15/16	35 1/16	27 15/16	42 1/2 42 5/8	1 1/2	30 7/8	21 5/8	18 1/8	21 1/4	33 7/16	19 11/16	4
BNA 800	39 3/8	32 7/16	39 3/8	27 3/16	48 9/16 48 9/16	1 1/2	34 5/16	23 13/16	19 11/16	25 9/16	37 13/16	24	4
BNA 900	44 1/8	35 7/8	44 1/8	27 15/16	52 1/2 52 3/8	1 9/16	38 1/16	26 3/16	23 11/16	25 9/16	42 15/16	24	4
BNA 1000	48 13/16	40 1/2	48 13/16	27 15/16	57 3/16	1 9/16	42 3/8	28 9/16	27 5/8	25 9/16	47 1/16	24	4
BNA 1120	54 3/4	44 1/8	54 3/4	27 15/16	60 3/16	1 9/16	47 5/8	31 1/2	30 1/2	25 9/16	53 1/8	24	4
BNA 1250	61	49 3/16	61	27 15/16	61 13/16	1 9/16	53 1/4	34 5/8	33 1/16	25 9/16	59 7/16	24	4
BNA 1400	66 15/16	55 1/8	66 15/16	27 15/16	66 15/16	1 15/16	60	37 5/8	38 9/16	25 9/16	65 3/8	24	4

## SELECCIÓN DE MOTOR

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

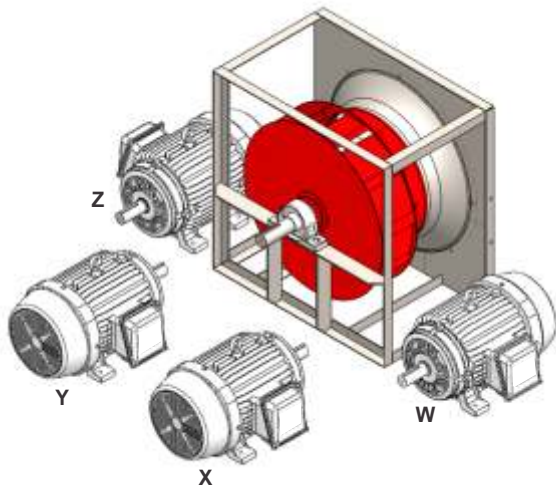
Para determinar la potencia instalada del motor, se deberá aplicar el factor de corrección para compensar las pérdidas por transmisión.



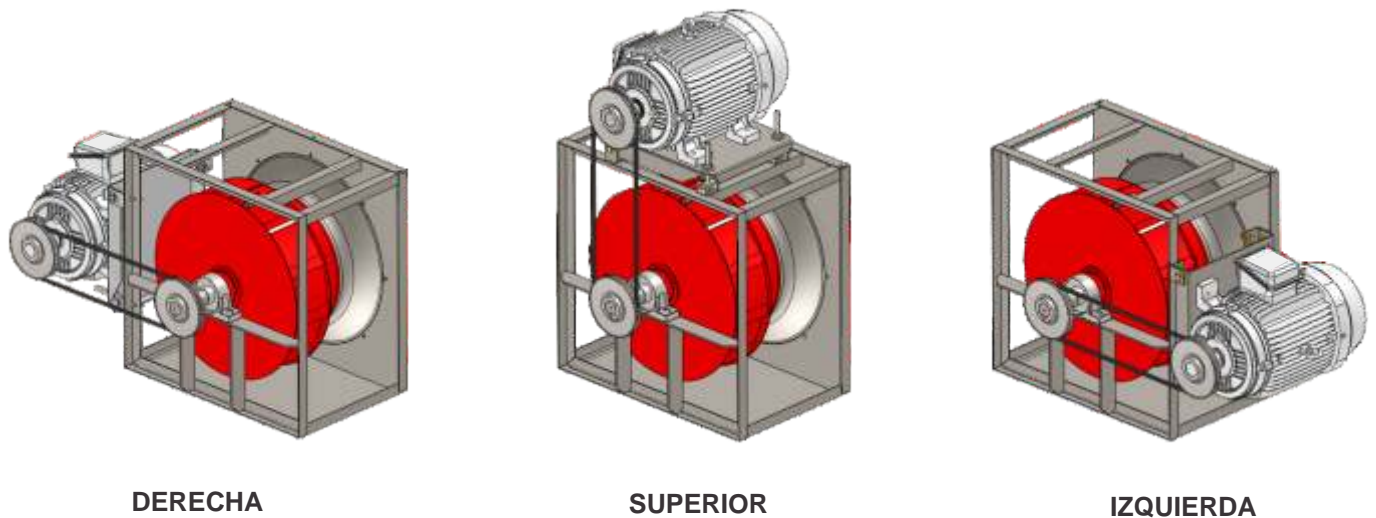
## POSICIONES ESTÁNDAR DEL MOTOR

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.



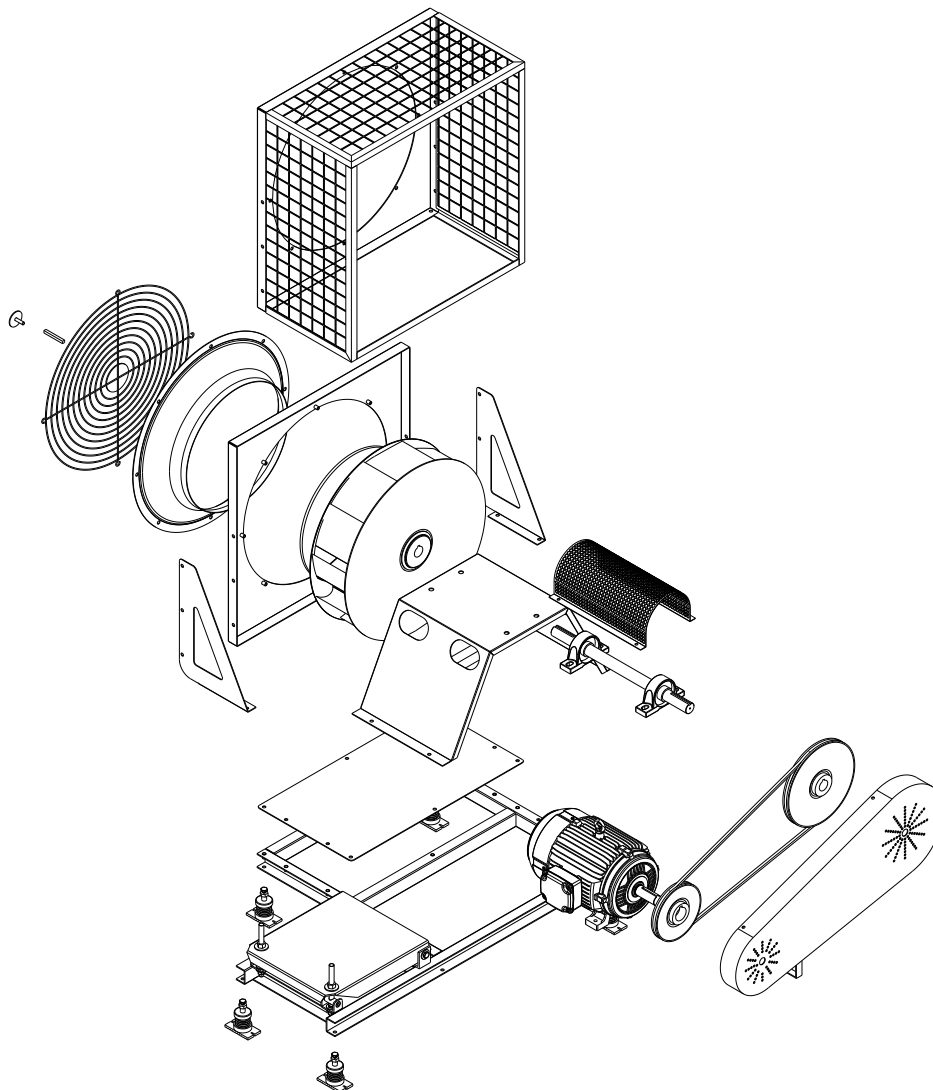
## POSICIONES DEL MOTOR SOBRE EL MARCO



# BNA

## ACCESORIOS

### VENTILADORES CENTRÍFUGOS TIPO PLENUM RODETE DE ÁLABES ATRASADOS



#### **Cubierta protección chumaceras y bandas.**

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.

#### **Malla de protección en succión y descarga**

Para prevenir la entrada de materiales al interior del equipo, y salvaguardar la integridad de las personas y equipos que se encuentran alrededor del ventilador.

#### **Graseras extendidas**

Tubo flexible colocado en los puntos de engrase de piezas en movimiento (rodamientos) para mantener

la lubricación adecuada de los mismos, ideal para uso en lugares estrechos y de difícil acceso.

#### **Chumacera bipartida**

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

#### **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.





## 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 poliéster 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.







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