



# BOX BSTB

Box centrifugal fan with backward impeller and belt transmission  
Centrifugo a reacción a transmisión en caja insonorizada 400°C/2h



EN

ES

### MANUFACTURING FEATURES

- BSTB range fans assembled in soundproof cabinets with insulated panels.
- Fan assembled on antivibration mountings.
- Simple inlet backward curved impeller.
- Supplied with motor, pulleys and belts.
- Interchangeable panels to allow different fan positions.
- Gland connection included.
- Standard asynchronous squirrel-cage motor with IP-55 protection and Class F insulation. Manufactured with standard voltages: 230/400V 50Hz in three phase motors up to 4kW and 400/690V 50Hz for higher powers.

### APPLICATIONS

- Designed for inline installation, indoor or outdoor assembly, they are suitable for:
- Smoke emergency exhaust with motor outside the hazardous area.
  - Maximum working temperature: carried air: 130°C, ambient: 60°C.

### UNDER REQUEST

- 2 speed motors.
- Orientation:
  - LG90 (horizontal).
  - LG0 (vertical outlet).
- Sandwich insulation.
- 60Hz fans and special voltages.
- Industrial and professional kitchen hoods.

### CARACTERÍSTICAS CONSTRUCTIVAS

- Ventiladores serie BSTB montados en cajas de reunión aisladas acústicamente.
- Ventilador montado sobre amortiguadores de goma.
- El ventilador se suministra con motor montado en base, con poleas y correas.
- Salida de cables por prensaestopas.
- Motor asíncrono normalizado de jaula de ardilla con protección IP-55 y aislamiento clase F. Voltajes estándar 230/400V 50Hz para motores trifásicos hasta 4kW y 400/690V 50Hz para potencias superiores.

### APLICACIONES

- Diseñados para la instalación en conducto, en interior o intemperie, son indicados para:
- Extracción de humo en caso de incendio estando el motor fuera de la zona de riesgo.
  - Campanas de cocina industriales y profesionales.
  - Temperatura máxima de trabajo en continuo: aire transportado: 130°C, ambiente: 60°C.

### BAJO DEMANDA

- Motores 2 velocidades.
- Orientación:
  - LG90 (horizontal).
  - LG0 (salida vertical)
- Ventiladores para trabajar a 60Hz y voltajes especiales.
- Aislamiento con panel sandwich.

## ACCESSORIES

accesorios



## THREE PHASE RANGE / serie trifásica

4 POLES / 4 polos

Code	Model	R.P.M min	R.P.M máx	Rated Power kW	Air flow m³/h	Sound dB (A)	Weight Kg	Connection diagram
244350110R	BOX BSTB 355 0,37kW	1300	1500	0,37	3.350	53	122	1
244350111R	BOX BSTB 355 0,55kW	1500	1700	0,55	3.830	55	125	1
244350112R	BOX BSTB 355 0,75kW	1700	1900	0,75	4.310	58	126	1
244350113R	BOX BSTB 355 1,1kW	1900	2100	1,1	4.780	60	128	1
244350114R	BOX BSTB 355 1,5kW	2100	2300	1,5	5.260	62	131	1
244350115R	BOX BSTB 355 2,2kW	2300	2600	2,2	6.130	65	137	1
244350116R	BOX BSTB 355 3kW	2600	3300	3	6.690	70	141	1
244400110R	BOX BSTB 400 0,55kW	1200	1400	0,55	4.750	58	161	1
244400111R	BOX BSTB 400 0,75kW	1400	1500	0,75	5.120	60	162	1
244400112R	BOX BSTB 400 1,1kW	1500	1700	1,1	5.850	62	164	1
244400113R	BOX BSTB 400 1,5kW	1700	1900	1,5	6.580	65	167	1
244400114R	BOX BSTB 400 2,2kW	1900	2100	2,2	7.310	67	173	1
244400115R	BOX BSTB 400 3kW	2100	2400	3	8.400	70	177	1
244400116R	BOX BSTB 400 4kW	2400	3200	4	9.130	77	183	1
244450110R	BOX BSTB 450 0,75kW	1200	1200	0,75	5.950	59	190	1

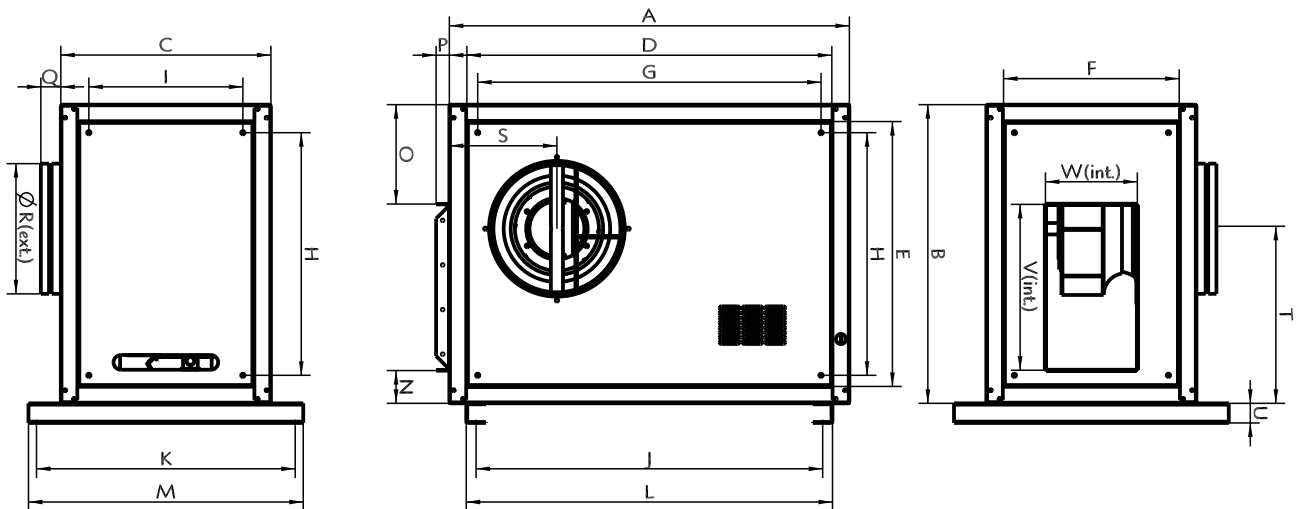
# INLINE FANS



## Ventiladores inline

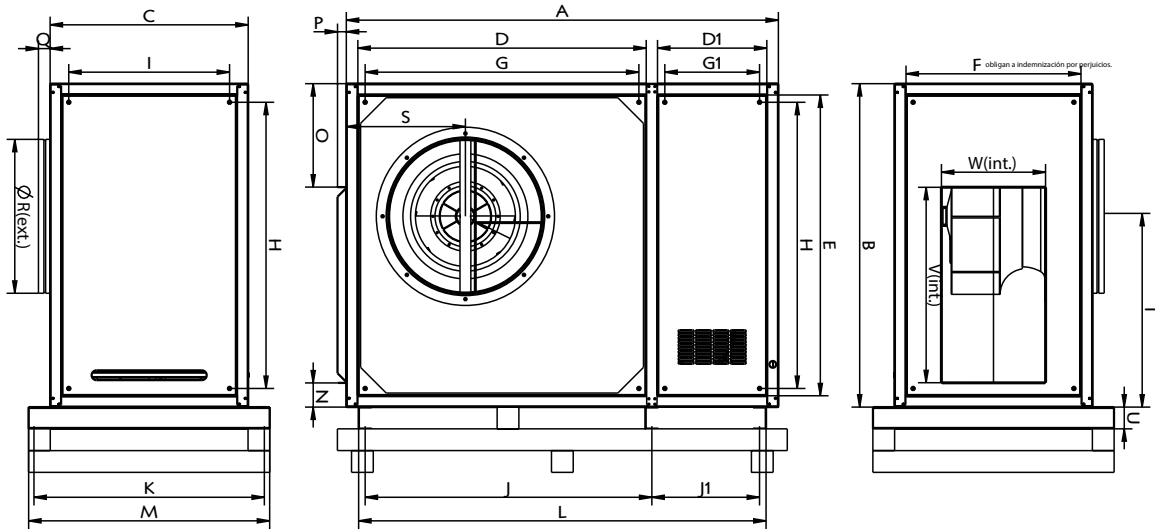
Code	Model	R.P.M min	R.P.M máx	Rated Power kW	Air flow m³/h	Sound dB (A)	Weight Kg	Connection diagram
244450111R	BOX BSTB 450 1,1kW	1200	1400	1,1	6.520	63	192	1
244450112R	BOX BSTB 450 1,5kW	1400	1600	1,5	7.520	66	195	1
244450113R	BOX BSTB 450 2,2kW	1600	1800	2,2	8.520	69	201	1
244450114R	BOX BSTB 450 3kW	1800	2000	3	9.520	71	205	1
244450115R	BOX BSTB 450 4kW	2000	2100	4	10.310	72	211	1
244450116R	BOX BSTB 450 5,5kW	2100	2400	5,5	11.520	75	220	1
244450117R	BOX BSTB 450 7,5kW	2400	2900	7,5	12.520	79	230	1
244500110R	BOX BSTB 500 1,1kW	900	1200	1,1	7.500	61	219	1
244500111R	BOX BSTB 500 1,5kW	1200	1300	1,5	8.180	63	222	1
244500112R	BOX BSTB 500 2,2kW	1300	1500	2,2	9.540	66	228	1
244500113R	BOX BSTB 500 3kW	1500	1700	3	10.900	69	232	1
244500114R	BOX BSTB 500 4kW	1700	1800	4	11.580	70	238	1
244500115R	BOX BSTB 500 5,5kW	1800	2000	5,5	12.950	72	247	1
244500116R	BOX BSTB 500 7,5kW	2000	2600	7,5	19.750	78	257	1
244560110R	BOX BSTB 560 1,5kW	800	1200	1,5	9.610	65	250	1
244560111R	BOX BSTB 560 2,2kW	1200	1300	2,2	10.480	67	256	1
244560112R	BOX BSTB 560 3kW	1300	1500	3	12.230	70	260	1
244560113R	BOX BSTB 560 4kW	1500	1600	4	13.100	72	266	1
244560114R	BOX BSTB 560 5,5kW	1600	1800	5,5	14.850	74	275	1
244560115R	BOX BSTB 560 7,5kW	1800	2000	7,5	16.590	77	285	1
244560116R	BOX BSTB 560 11kW	2000	2200	11	18.340	79	299	1
244630110R	BOX BSTB 630 2,2kW	800	1000	2,2	11.510	63	296	1
244630111R	BOX BSTB 630 3kW	1000	1100	3	12.900	66	300	1
244630112R	BOX BSTB 630 4kW	1100	1200	4	15.010	68	306	1
244630113R	BOX BSTB 630 5,5kW	1200	1400	5,5	16.630	71	315	1
244630114R	BOX BSTB 630 7,5kW	1400	1500	7,5	17.900	73	325	1
244630115R	BOX BSTB 630 11kW	1500	1700	11	20.460	76	339	1
244630116R	BOX BSTB 630 15kW	1700	1900	15	23.020	78	417	1
244710110R	BOX BSTB 710 3kW	600	900	3	14.700	63	330	1
244710111R	BOX BSTB 710 4kW	900	1000	4	16.520	65	336	1
244710112R	BOX BSTB 710 5,5kW	1000	1100	5,5	18.360	68	345	1
244710113R	BOX BSTB 710 7,5kW	1100	1300	7,5	22.030	71	355	1
244710114R	BOX BSTB 710 11kW	1300	1400	11	23.860	73	369	1
244710115R	BOX BSTB 710 15kW	1400	1600	15	27.530	76	447	1
244710116R	BOX BSTB 710 18,5kW	1600	1800	18,5	29.370	79	479	1

## DIMENSIONS / dimensiones (mm)



MODEL	A	B	C	D	E	F	G	H	I	J	K
BOX BSTB 355	1068	824	612	960,5	721	506	894,5	652,5	440	904,5	760
BOX BSTB 400	1223	913	642	1117	809	536	1049,5	741,5	471	1059,5	791
BOX BSTB 450	1323	1003	692	1215,7	900	587	1149,5	831,5	521	1159,5	841
BOX BSTB 500	1423	1100	732	1315,7	997	627	1249,5	928,5	561	1259,5	881

MODEL	L	M	N	O	P	Q	ØR	S	T	U	V	W
BOX BSTB 355	964,5	809	101	268	40,5	60	353	307	492,5	60	453	253
BOX BSTB 400	1119,5	840	100	304	40,5	60	398	329	541,25	60	507	281
BOX BSTB 450	1219,5	890	100	328	40,5	60	448	375	596	60	573	310
BOX BSTB 500	1319,5	930	104	355	40,5	60	498	399	653	60	639	341



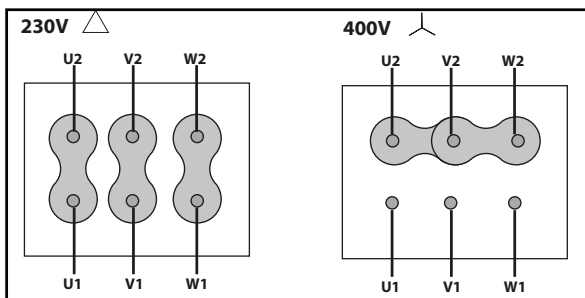
MODEL	A	B	C	D	D1	E	F	G	G1	H	I	J	J1
BOX BSTB 560	1691,5	1216	801,5	1071	461,3	1112,8	696	1004,4	394,6	1044,7	630	1064	454
BOX BSTB 630	1821,5	1343	851	1204,5	458,8	1238,7	745	1137,4	391,6	1171,7	680	1197	451
BOX BSTB 710	1988	1488	912	1326,8	503	1383,7	805	1259,7	435,9	1316,7	740	1319	495,5

Model	K	L	M	N	O	P	Q	ØR	S	T	U	V	W
BOX BSTB 560	950	1578	999	111	387,8	40,5	60	558	511	715	100	715	383
BOX BSTB 630	1000	1708	1049	110	430	40,5	60	628	523	790	100	801	426
BOX BSTB 710	1060	1874,5	1109	111	475,8	40,5	60	708	545	878	100	899	479

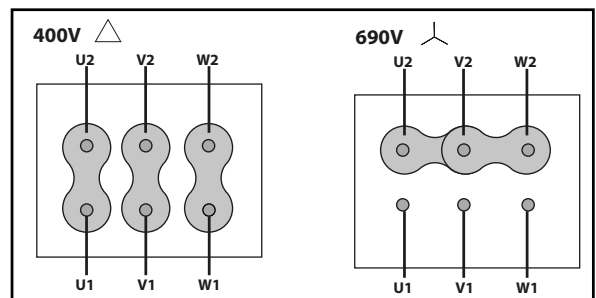
## CONNECTION DIAGRAMS / esquema de conexiones

### 1 THREE PHASE MOTORS 1 SPEED / motores trifásicos 1 velocidad

230/400V



400/690V

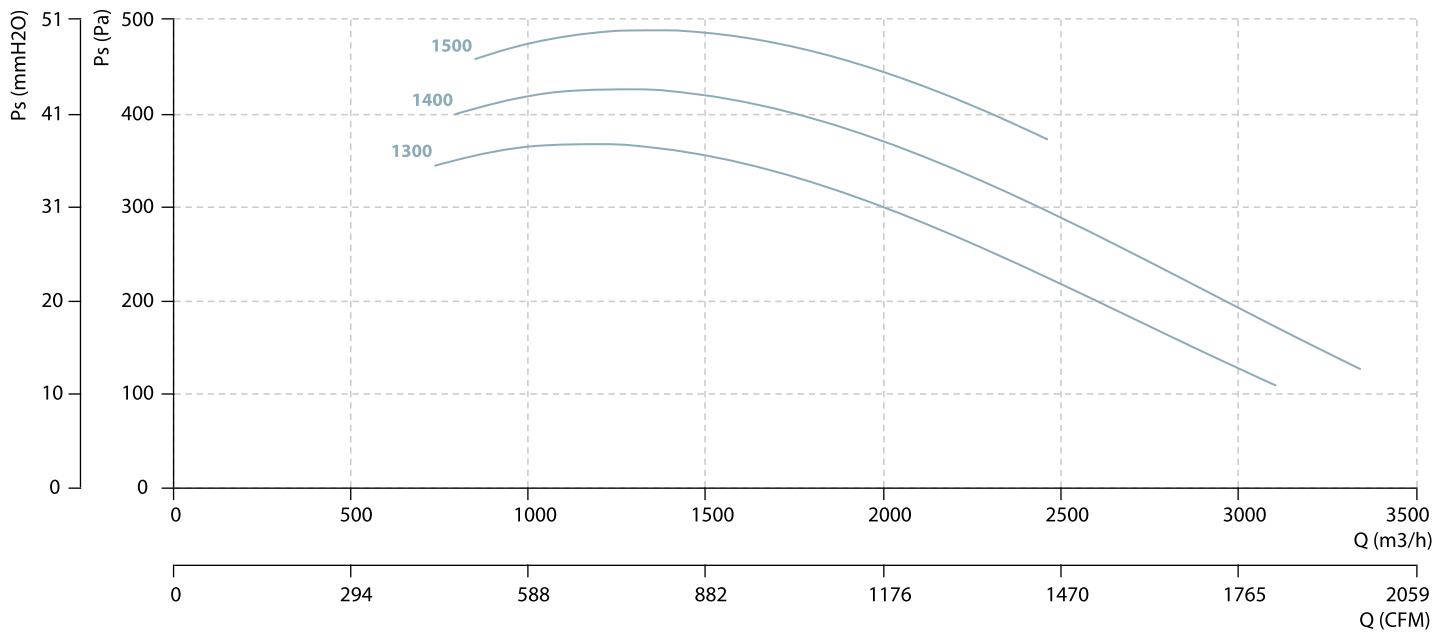




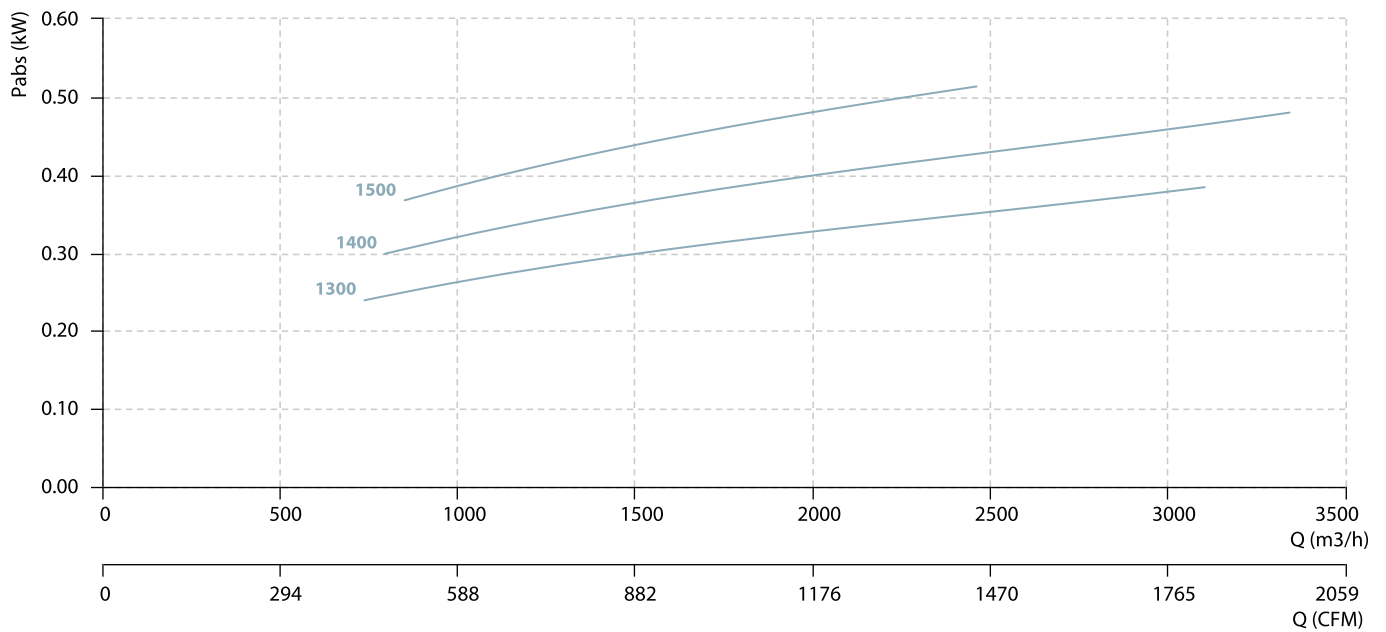
CHARACTERISTIC CURVES / curvas características

1 BOX BSTB 355 0,37KW

AIR FLOW- PRESSURE / caudal - presión



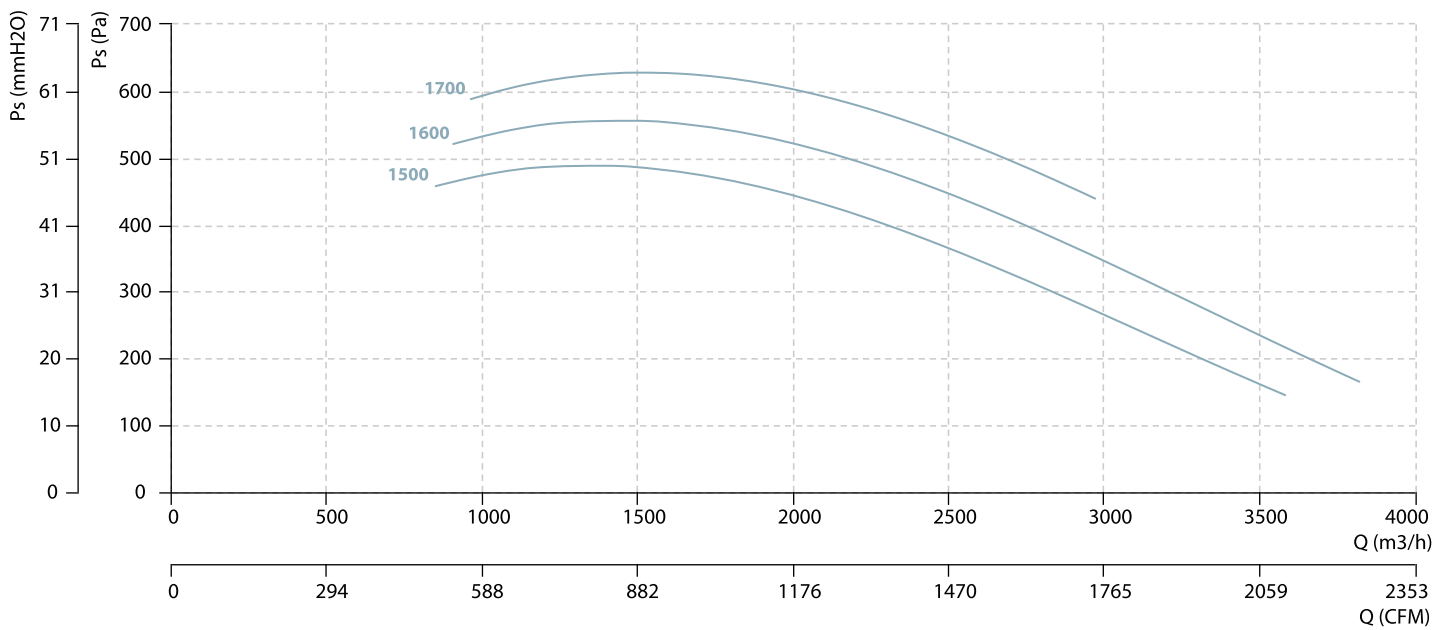
AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



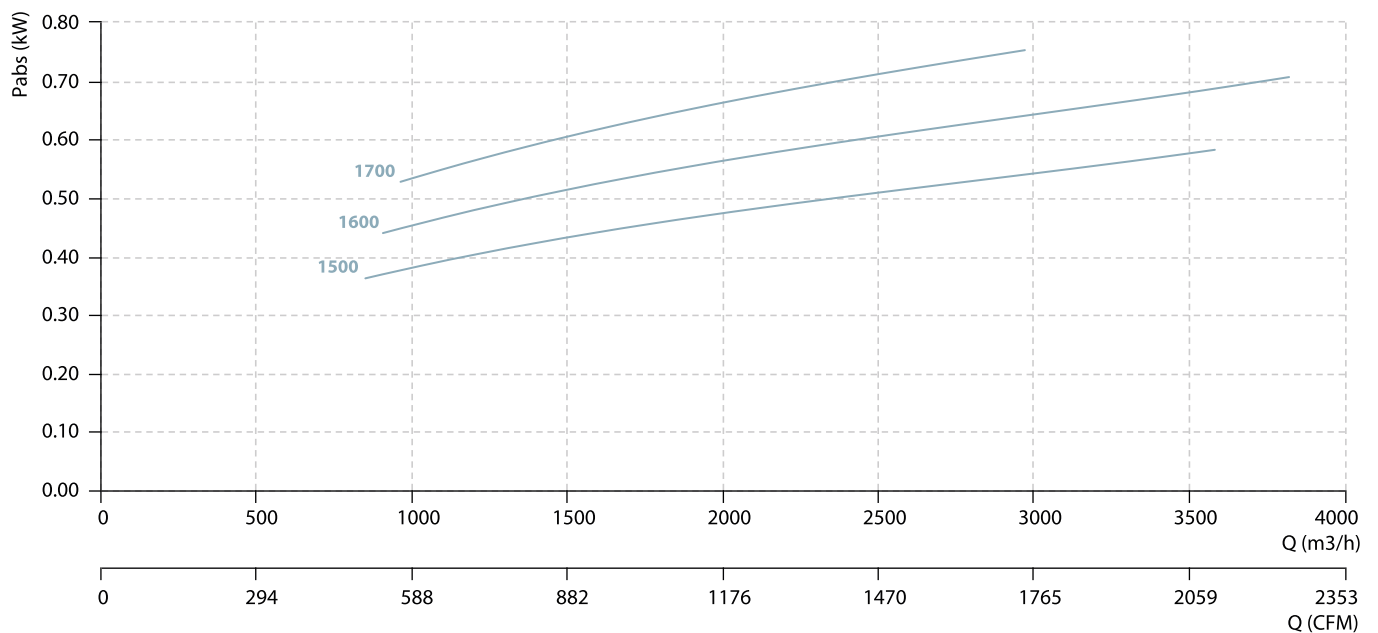


1 BOX BSTB 355 0,55KW

### AIR FLOW- PRESSURE / caudal - presión



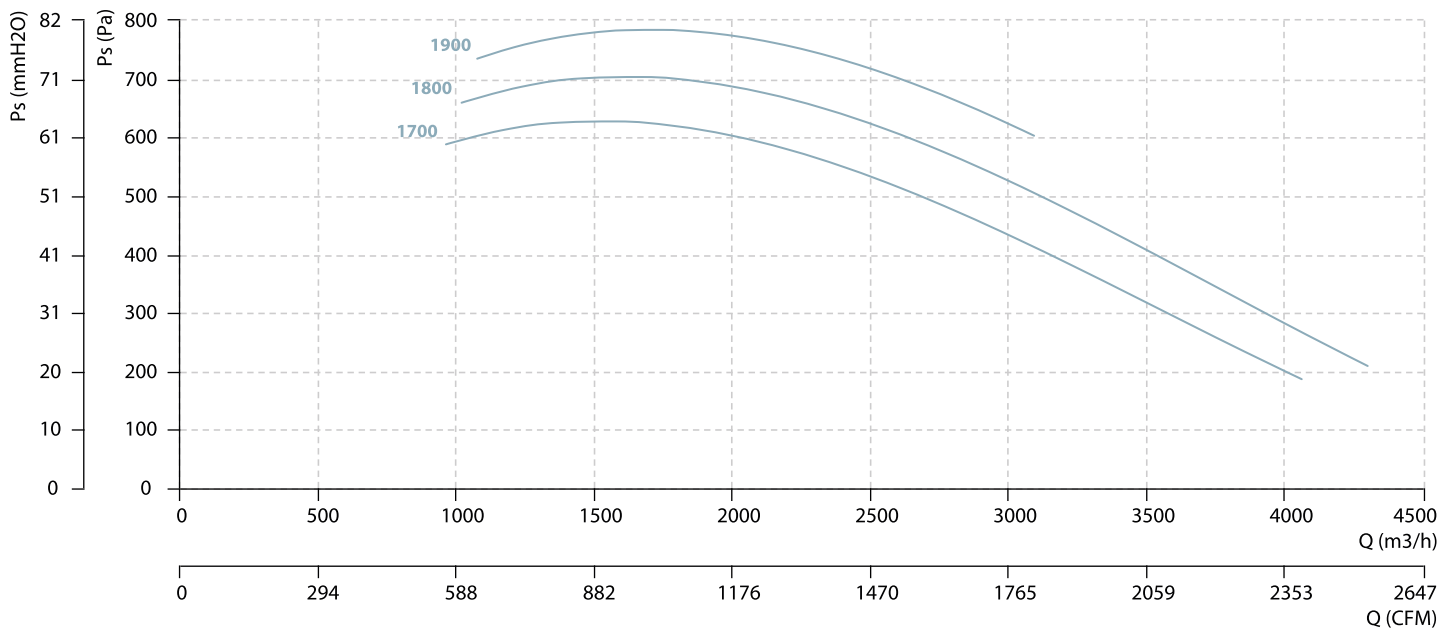
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



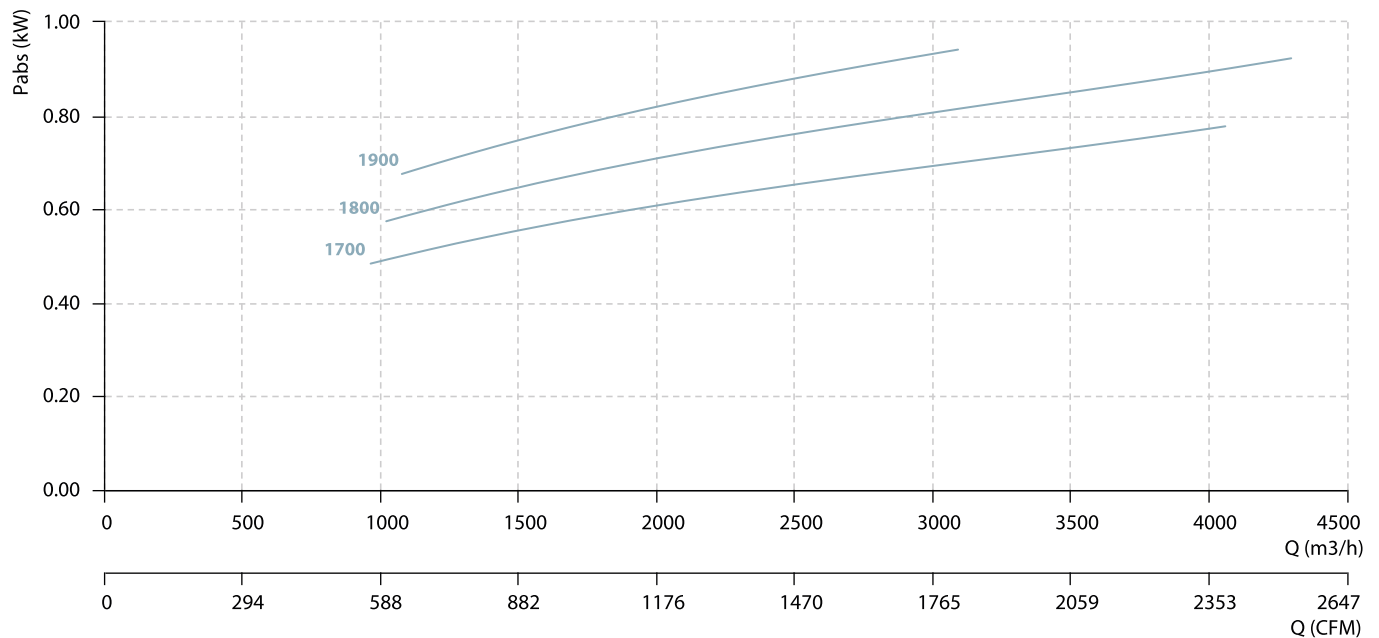


1 BOX BSTB 355 0,75KW

### AIR FLOW- PRESSURE / caudal - presión



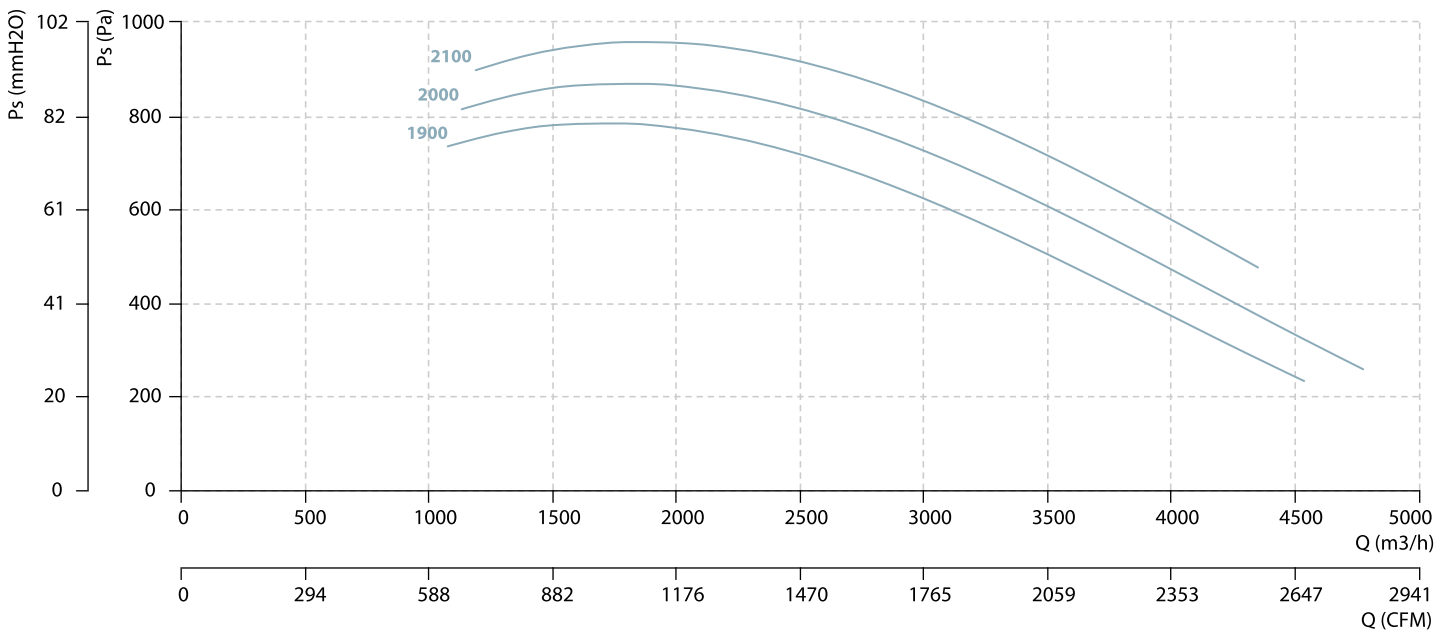
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



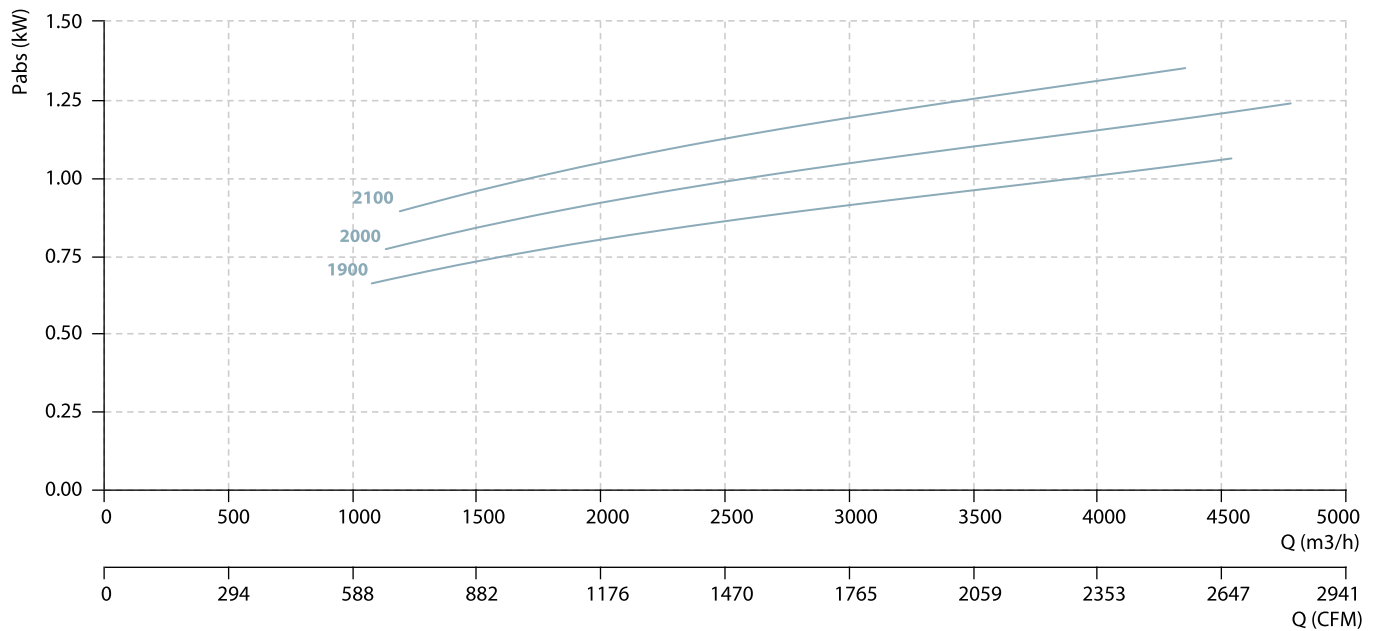


### 1 BOX BSTB 355 1,1KW

#### AIR FLOW- PRESSURE / caudal - presión



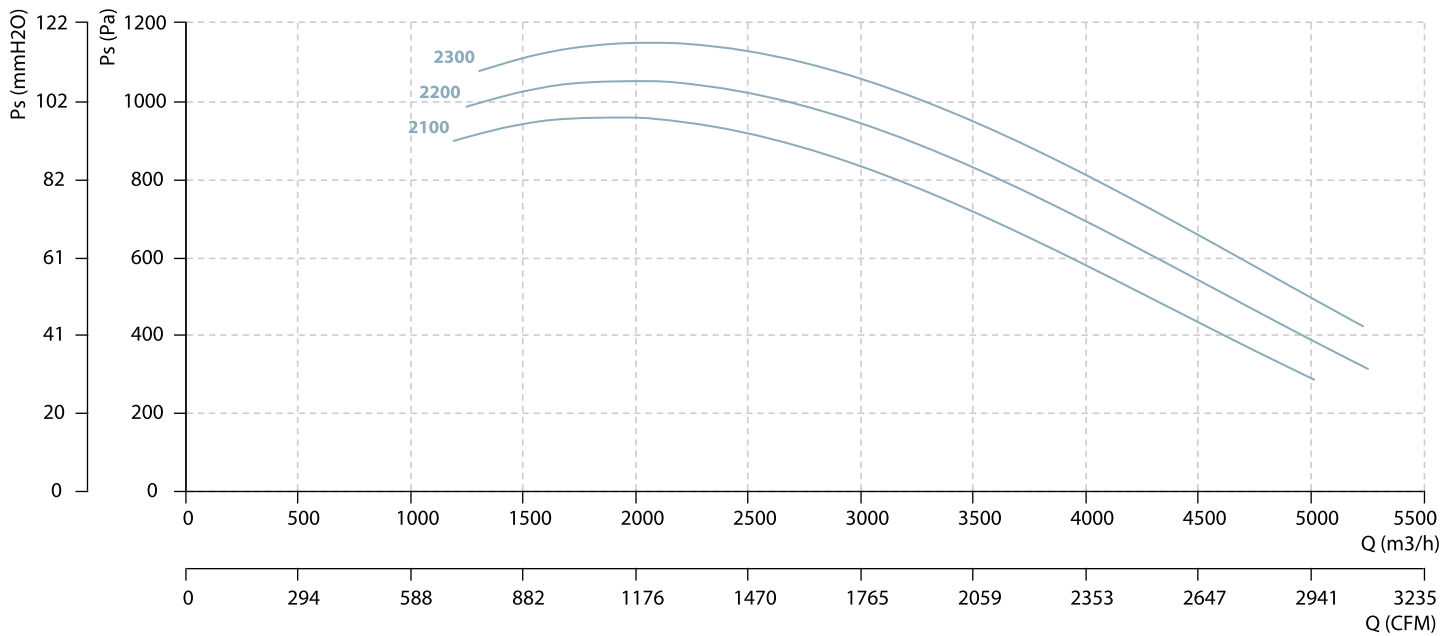
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



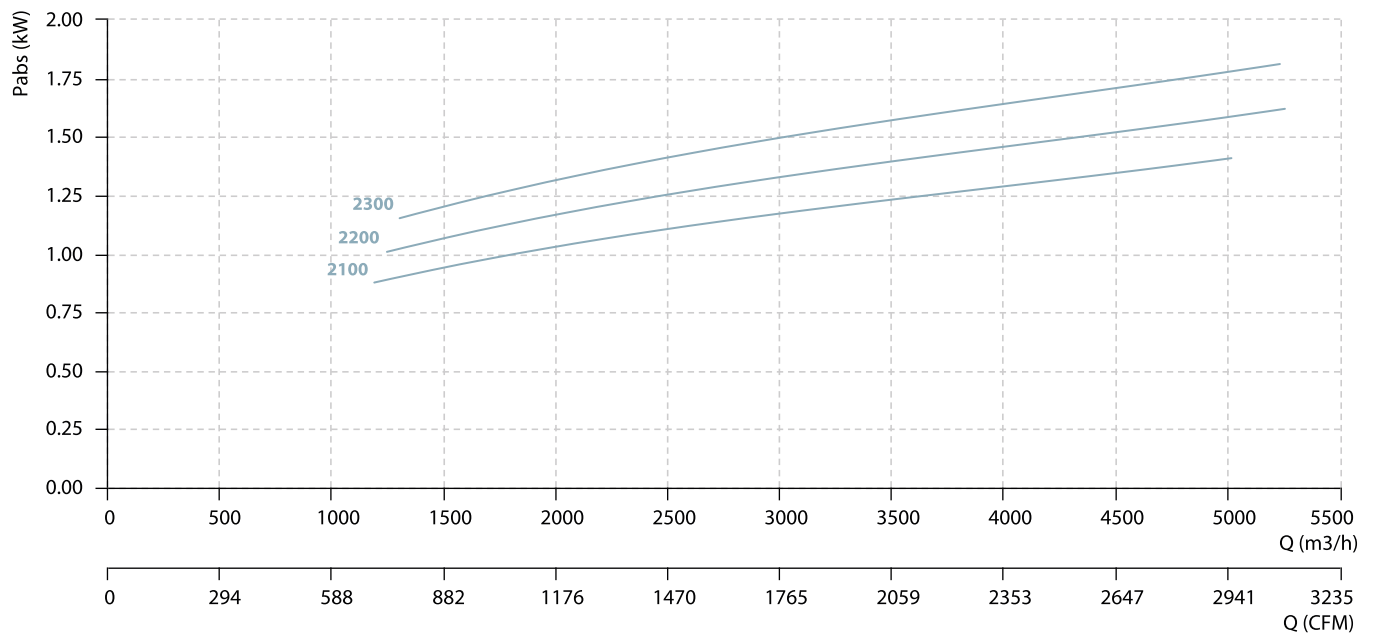


### 1 BOX BSTB 355 1,5KW

#### AIR FLOW- PRESSURE / caudal - presión



#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

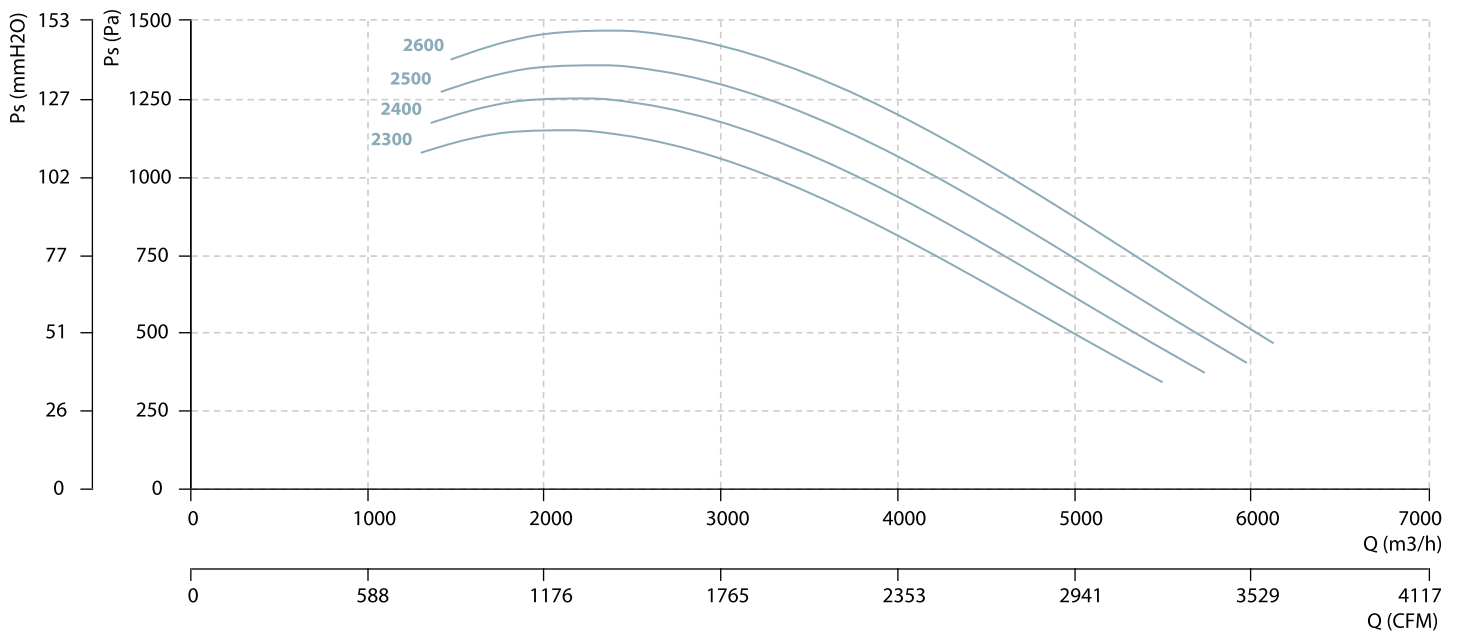




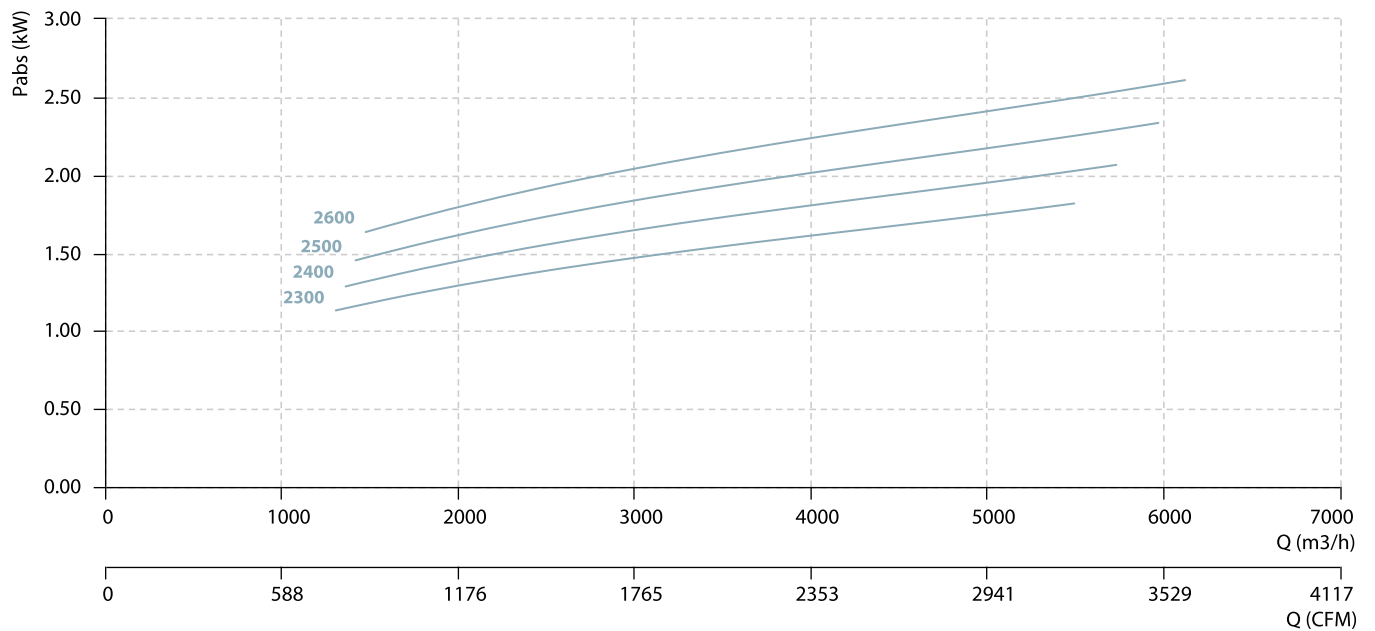


1 BOX BSTB 355 2,2KW

### AIR FLOW- PRESSURE / caudal - presión



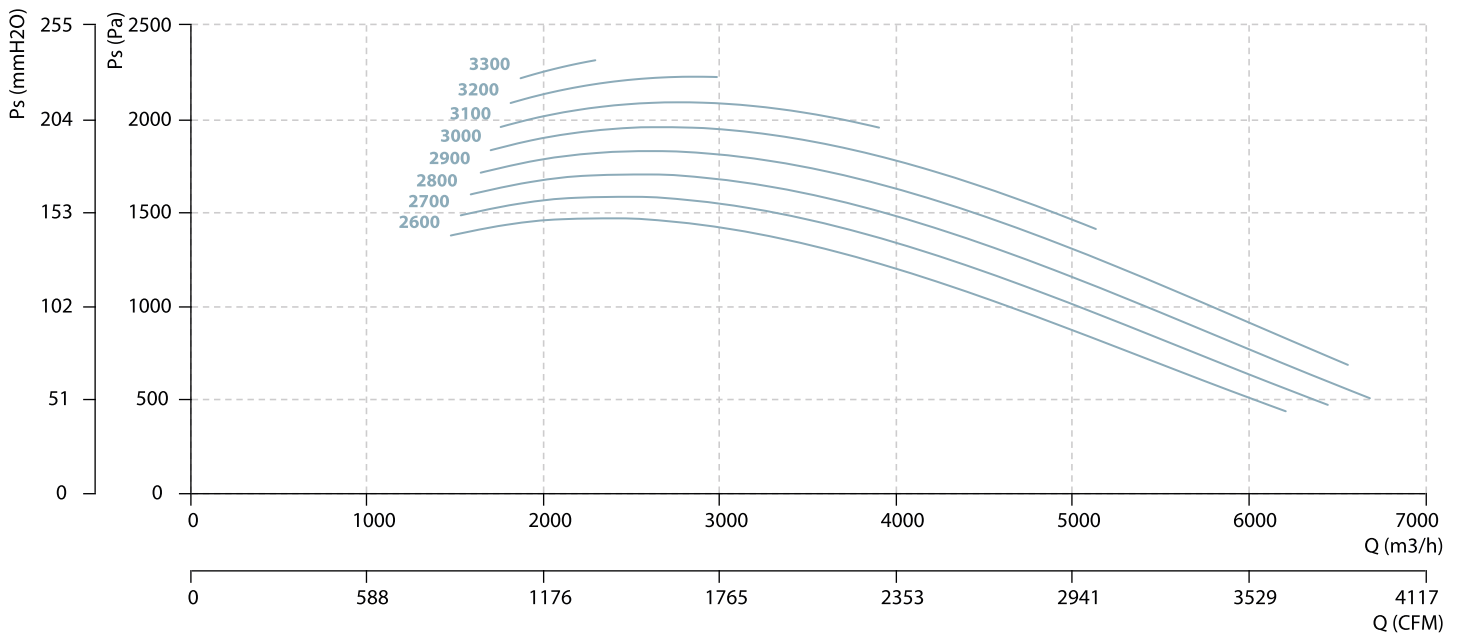
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



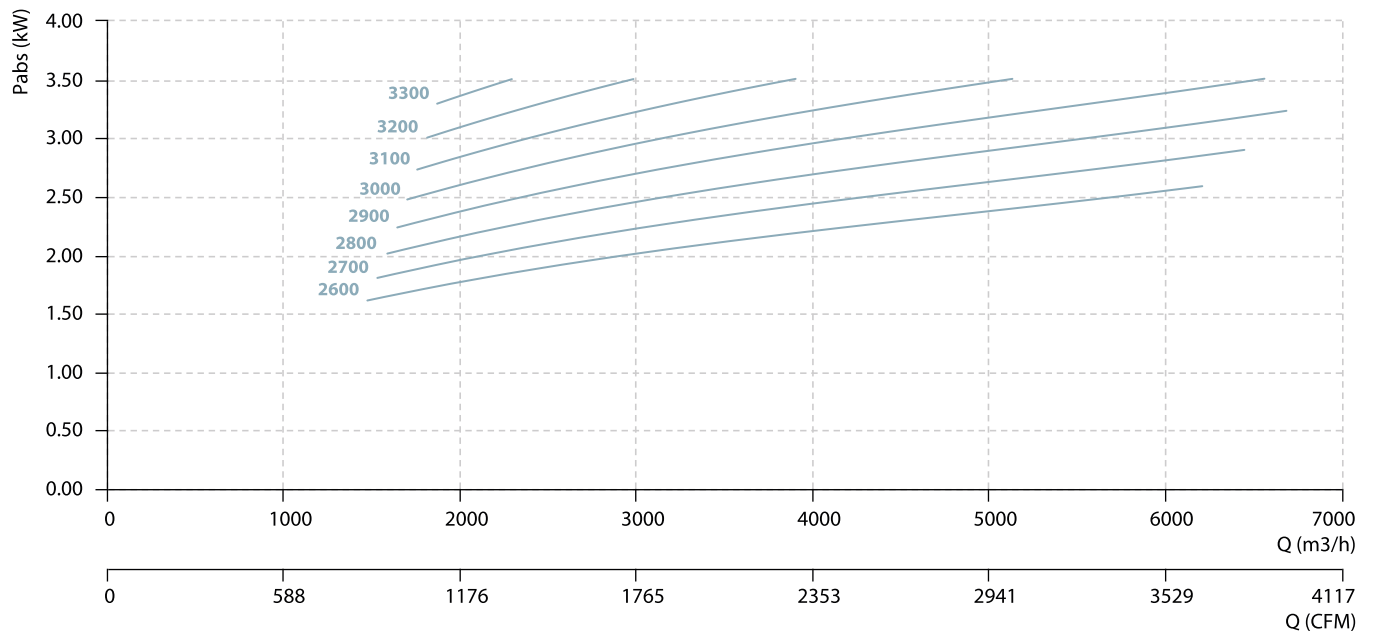


1 BOX BSTB 355 3KW

### AIR FLOW- PRESSURE / caudal - presión



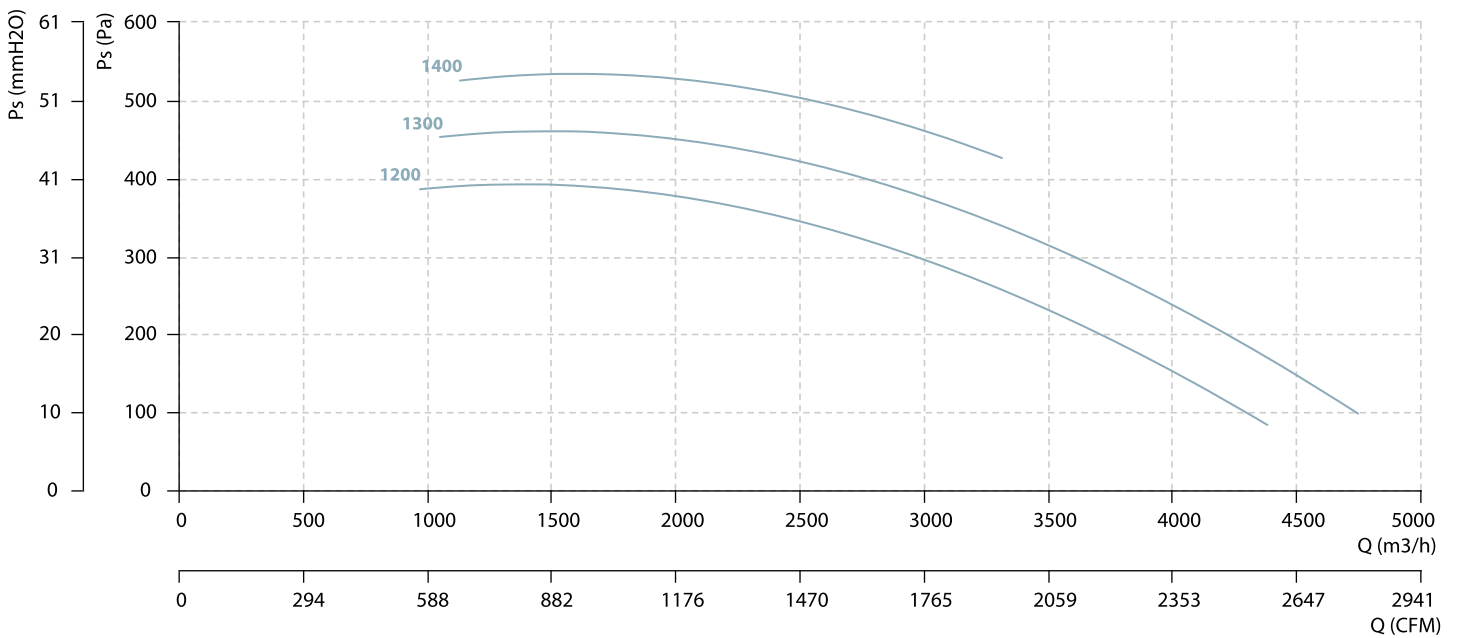
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



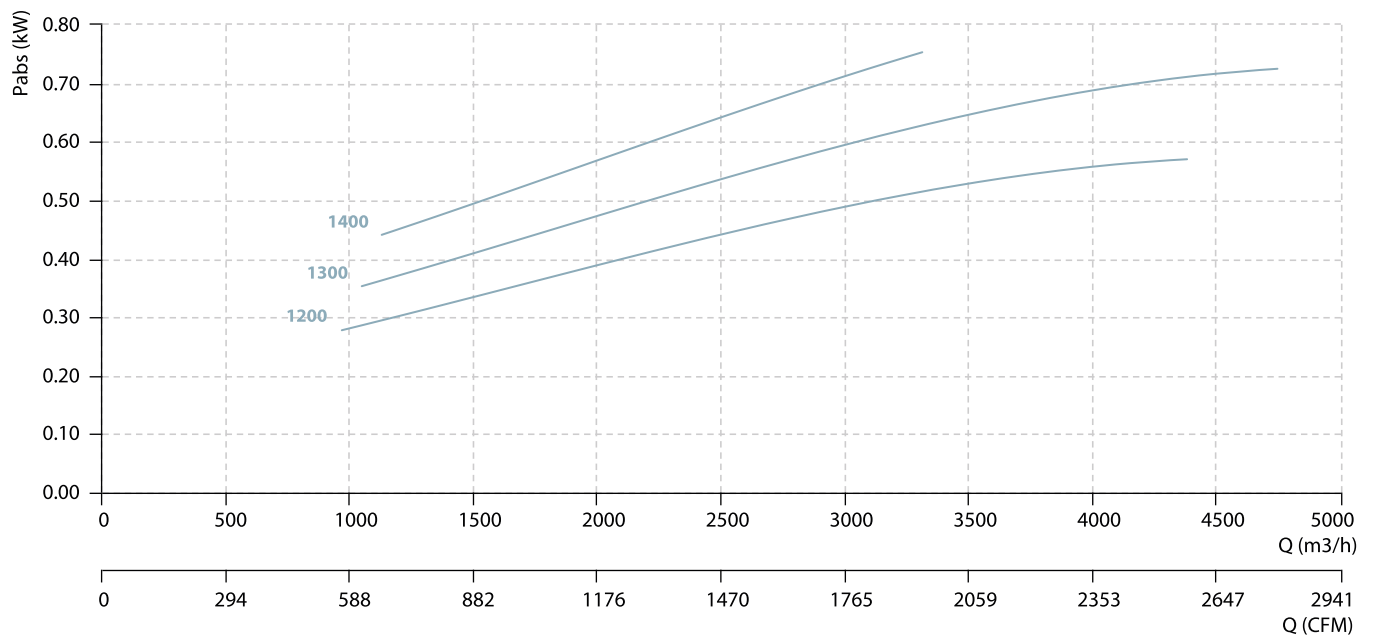


### 1 BOX BSTB 400 0,55KW

#### AIR FLOW- PRESSURE / caudal - presión



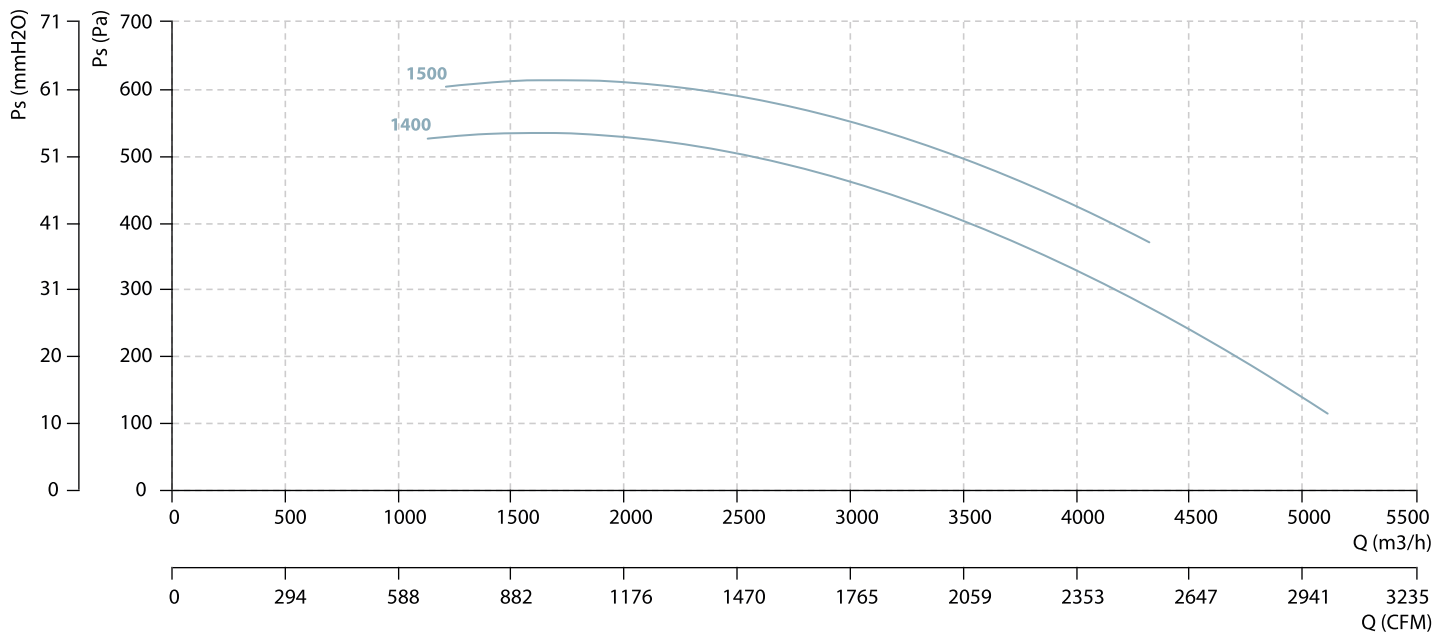
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



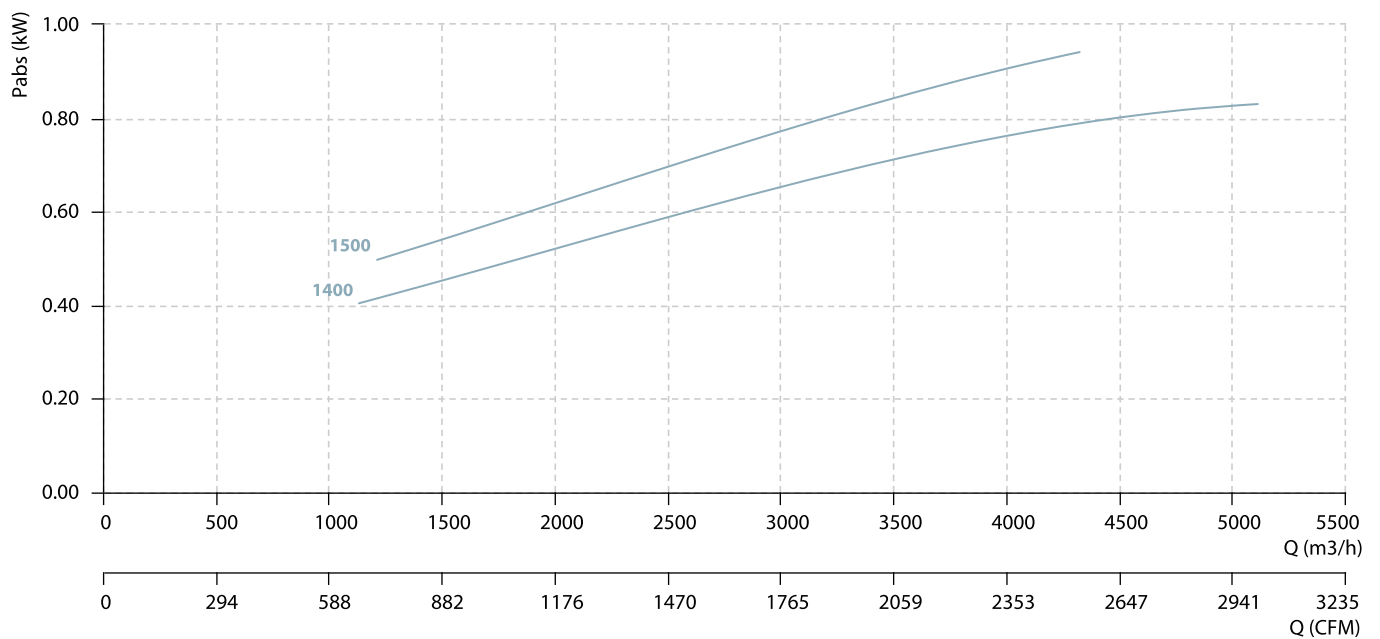


1 BOX BSTB 400 0,75KW

**AIR FLOW- PRESSURE / caudal - presión**



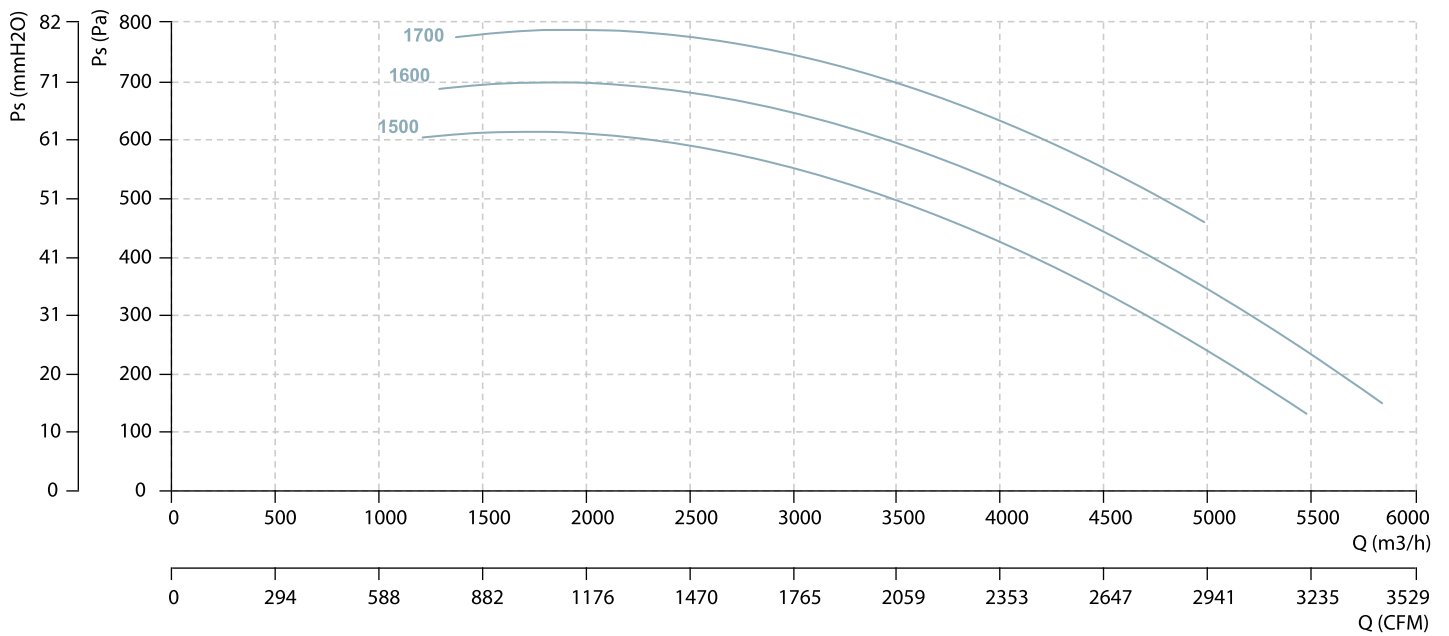
**AIR FLOW- ABSORBED POWER / caudal - potencia absorbida**



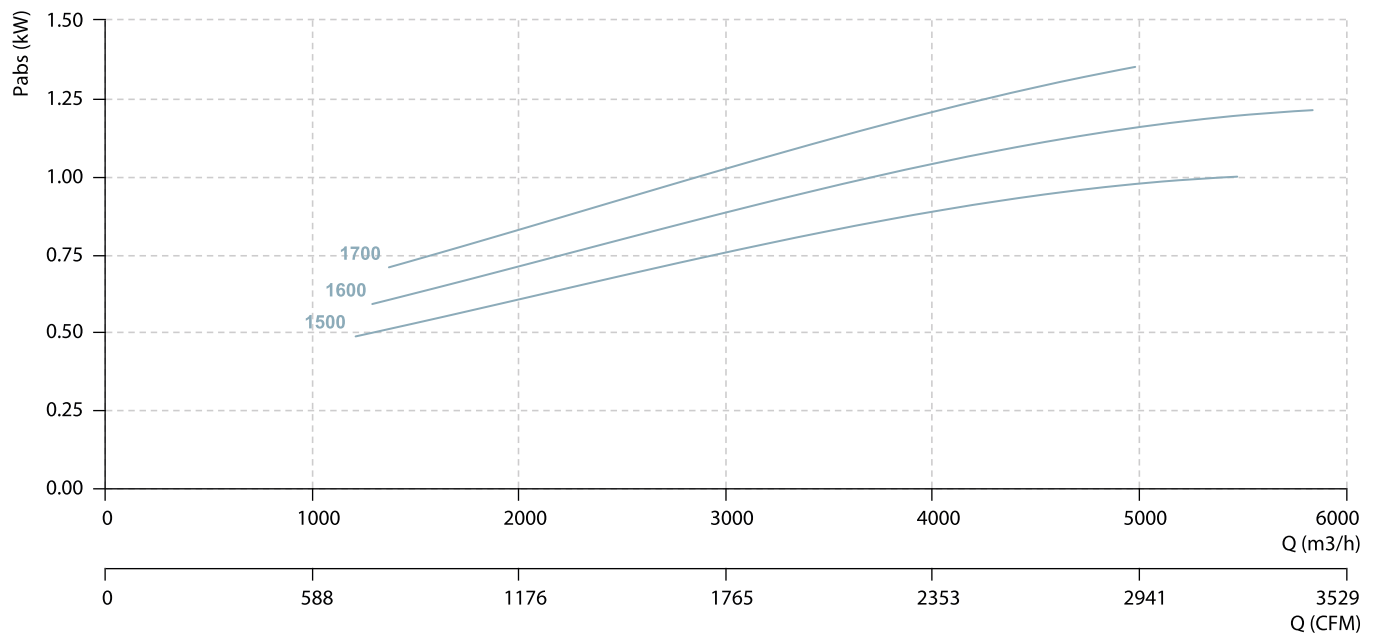


### 1 BOX BSTB 400 1,1KW

#### AIR FLOW- PRESSURE / caudal - presión



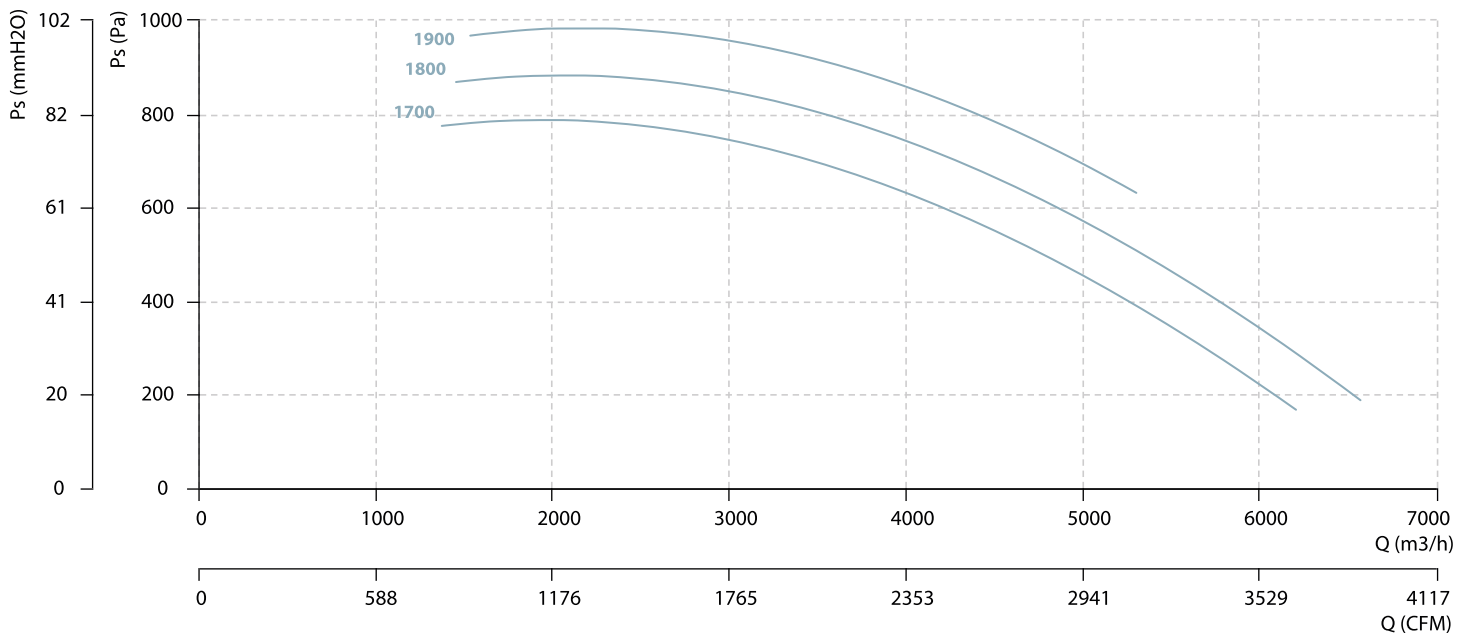
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



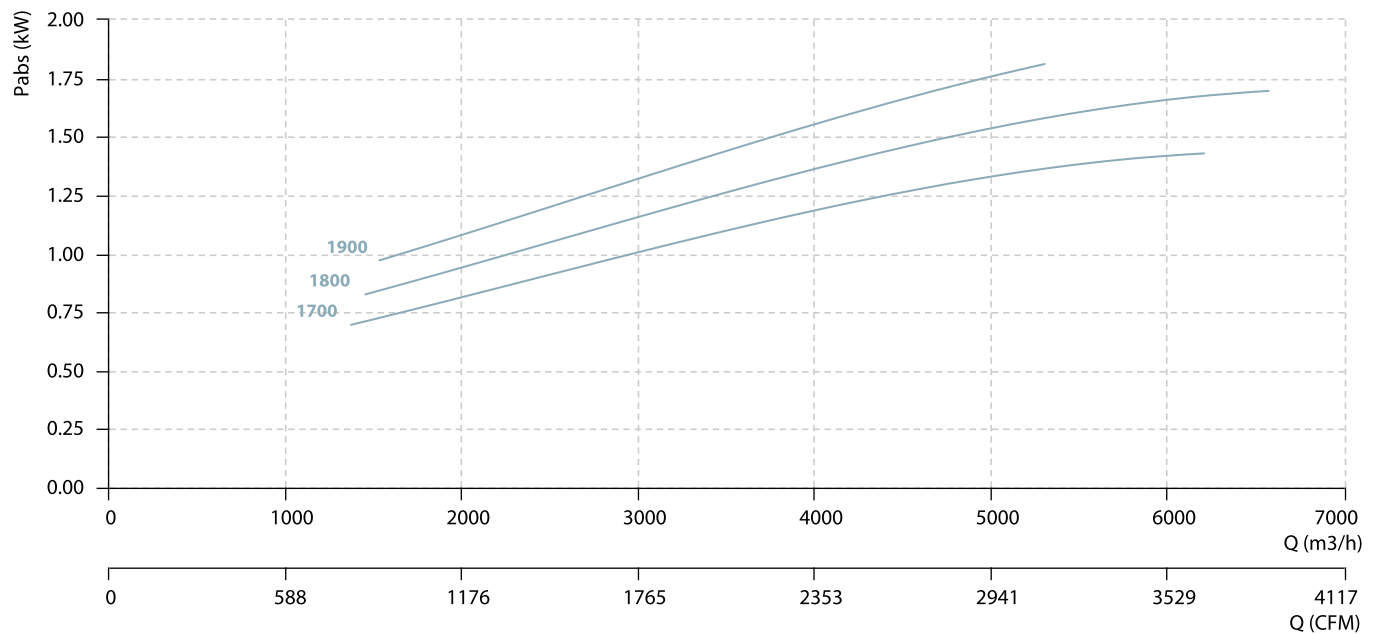


1 BOX BSTB 400 1,5KW

### AIR FLOW- PRESSURE / caudal - presión



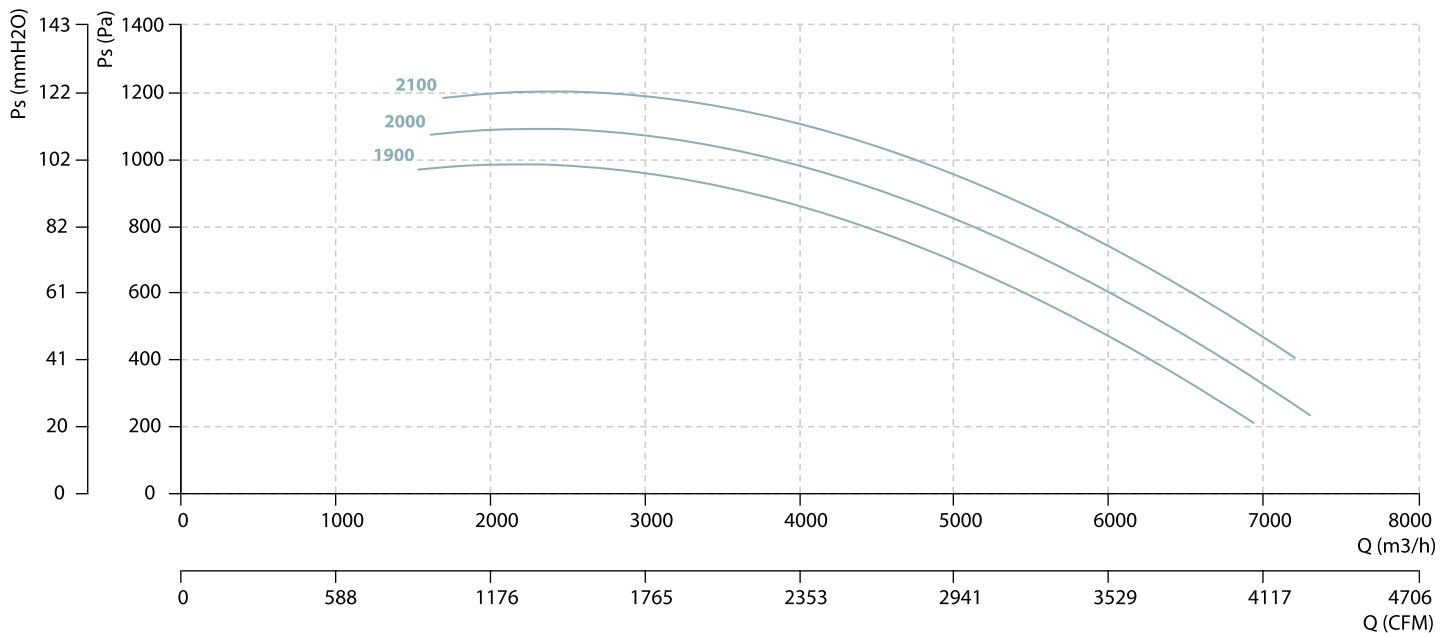
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



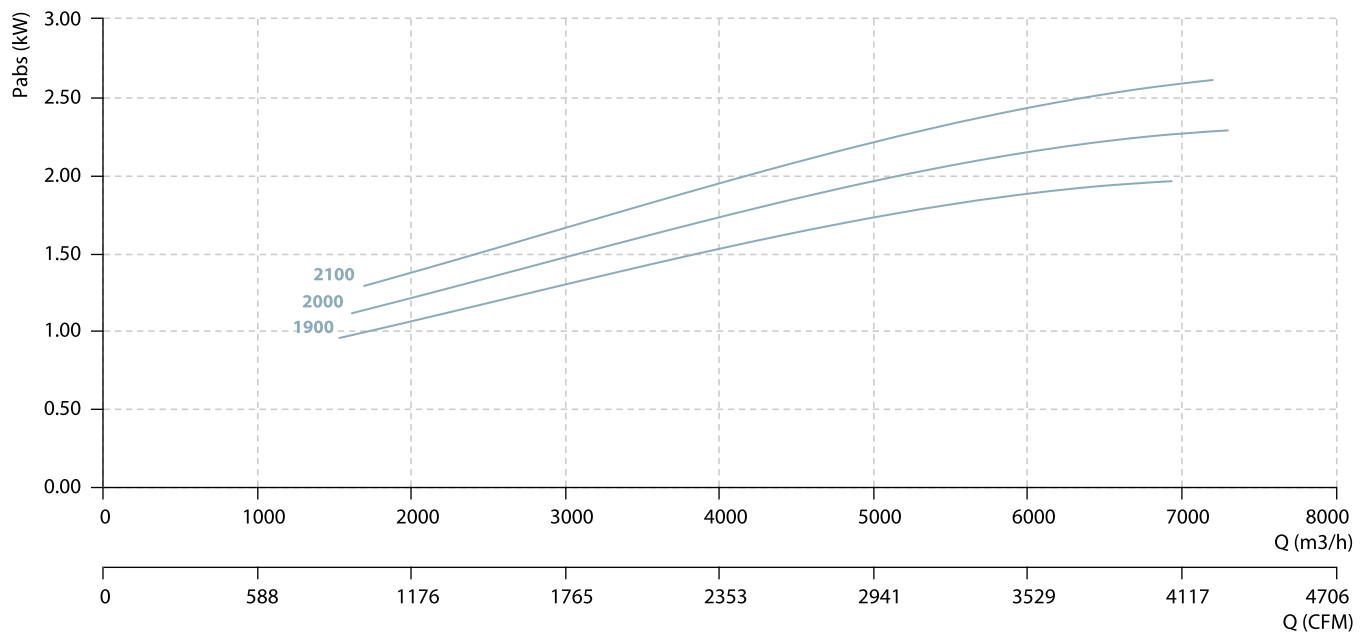


1 BOX BSTB 400 2,2KW

### AIR FLOW- PRESSURE / caudal - presión



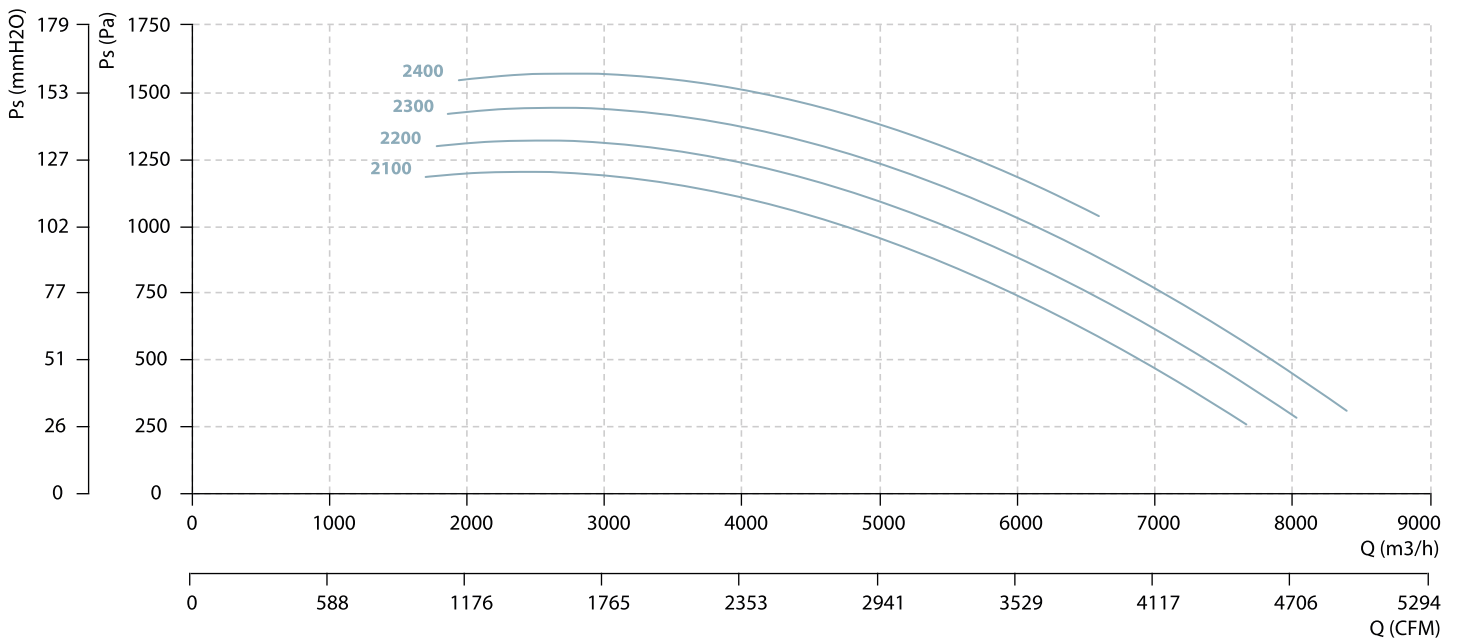
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



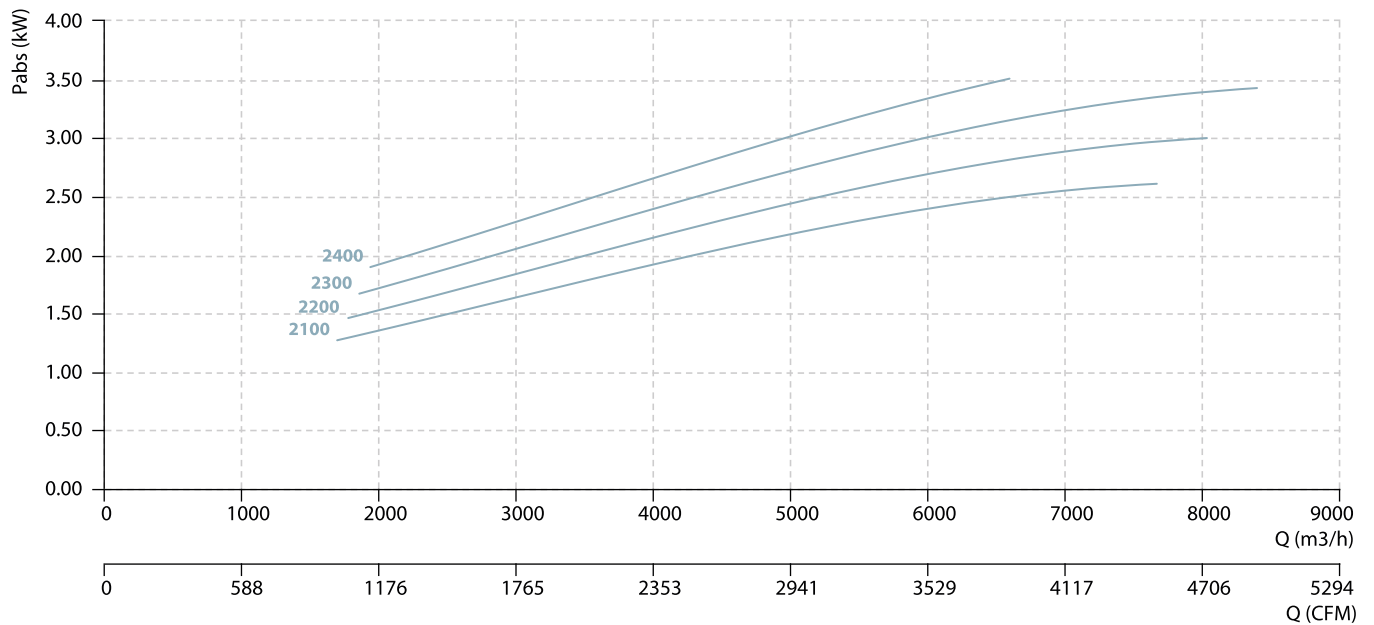


### 1 BOX BSTB 400 3KW

#### AIR FLOW- PRESSURE / caudal - presión



#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

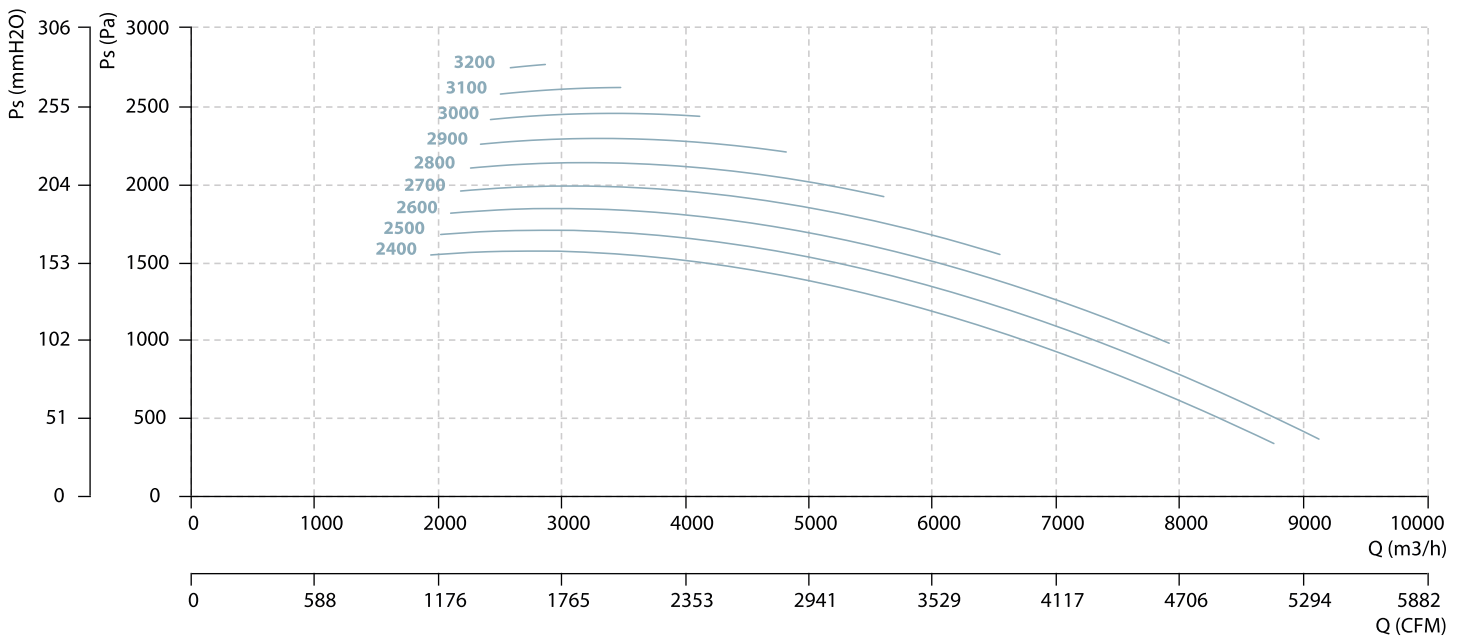




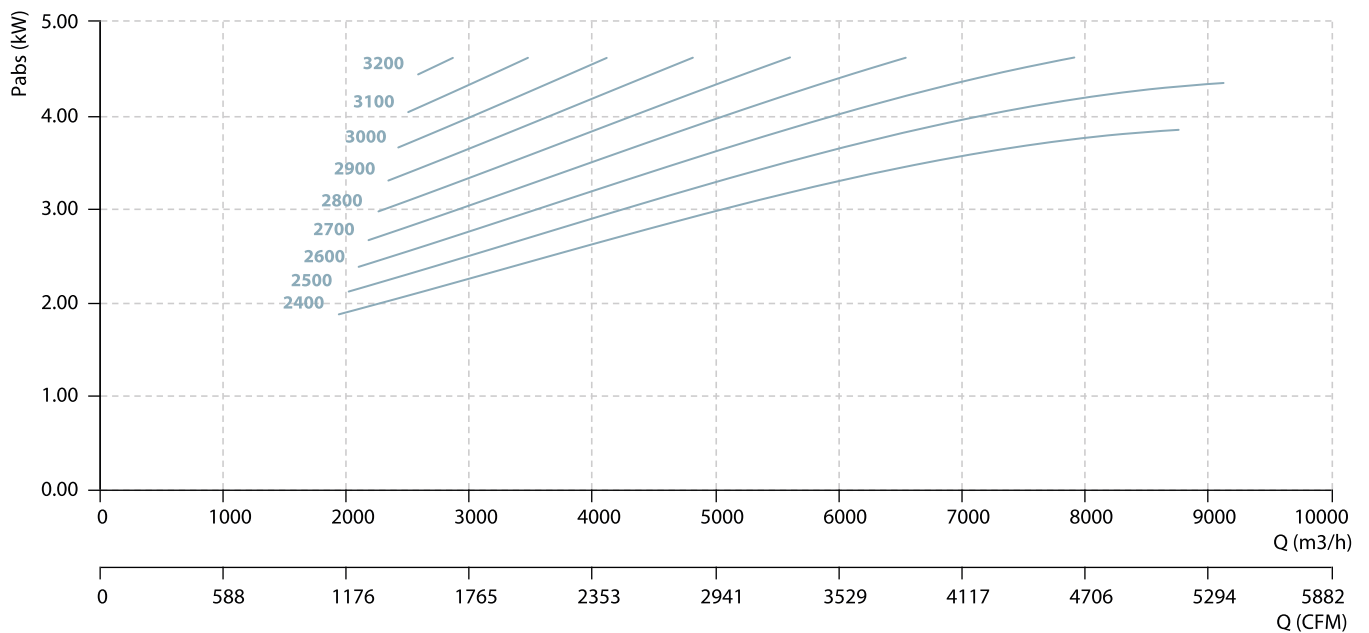


### 1 BOX BSTB 400 4KW

#### AIR FLOW- PRESSURE / caudal - presión



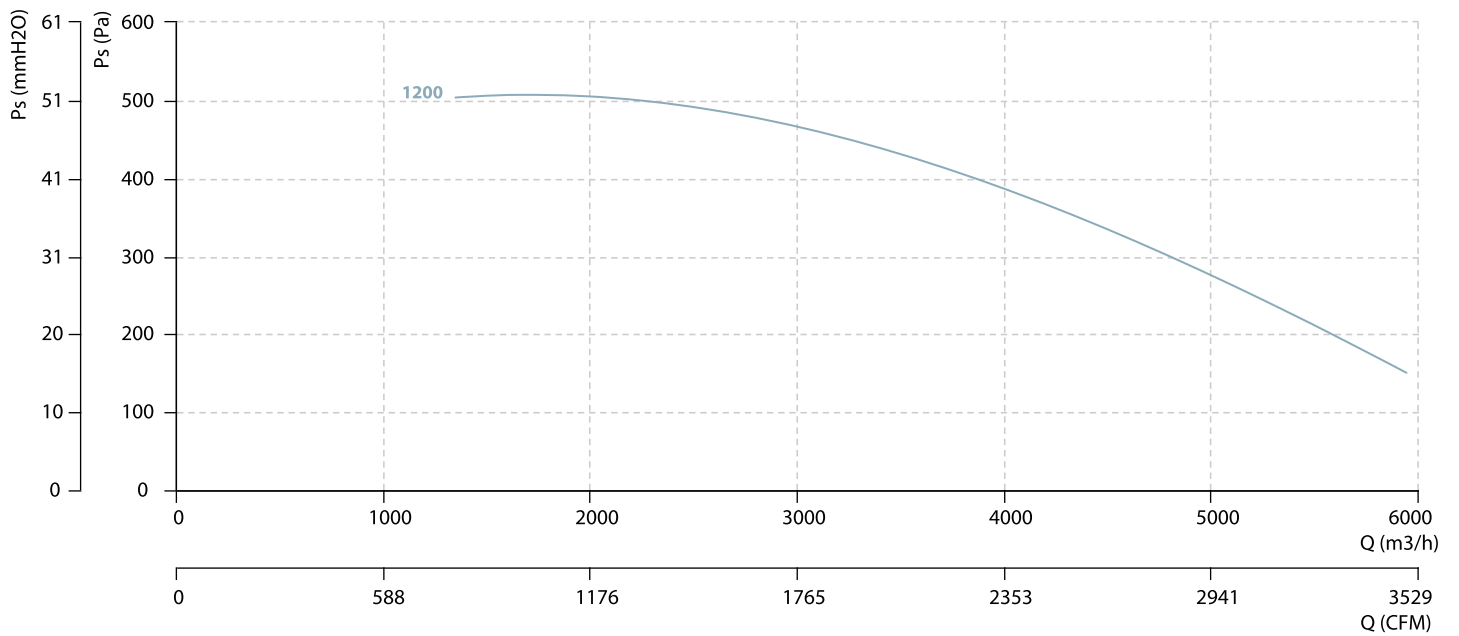
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



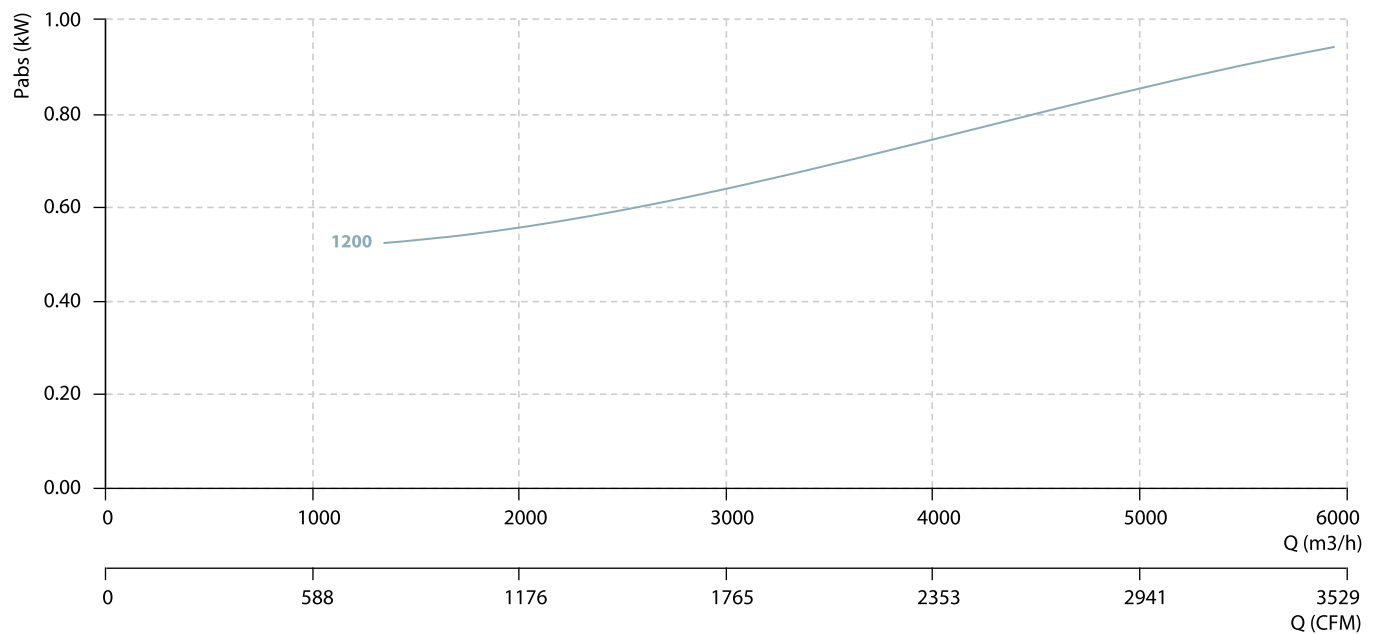


1 BOX BSTB 450 0,75KW

### AIR FLOW- PRESSURE / caudal - presión



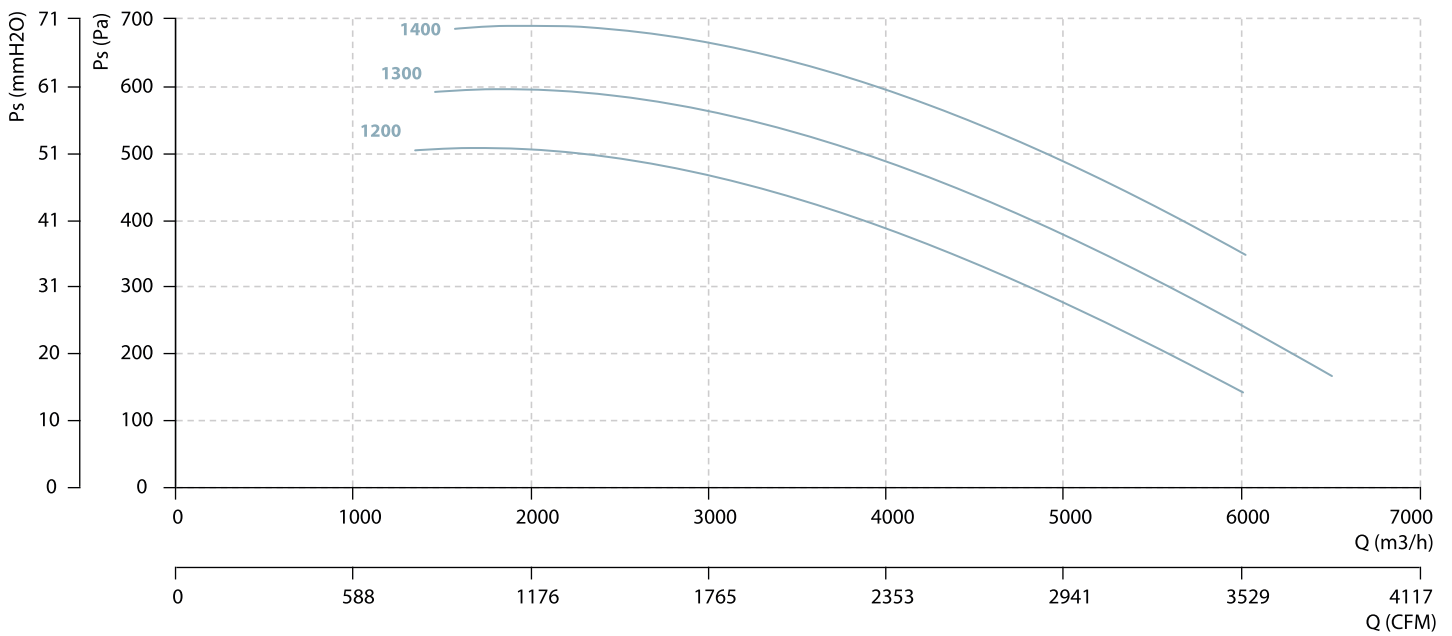
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



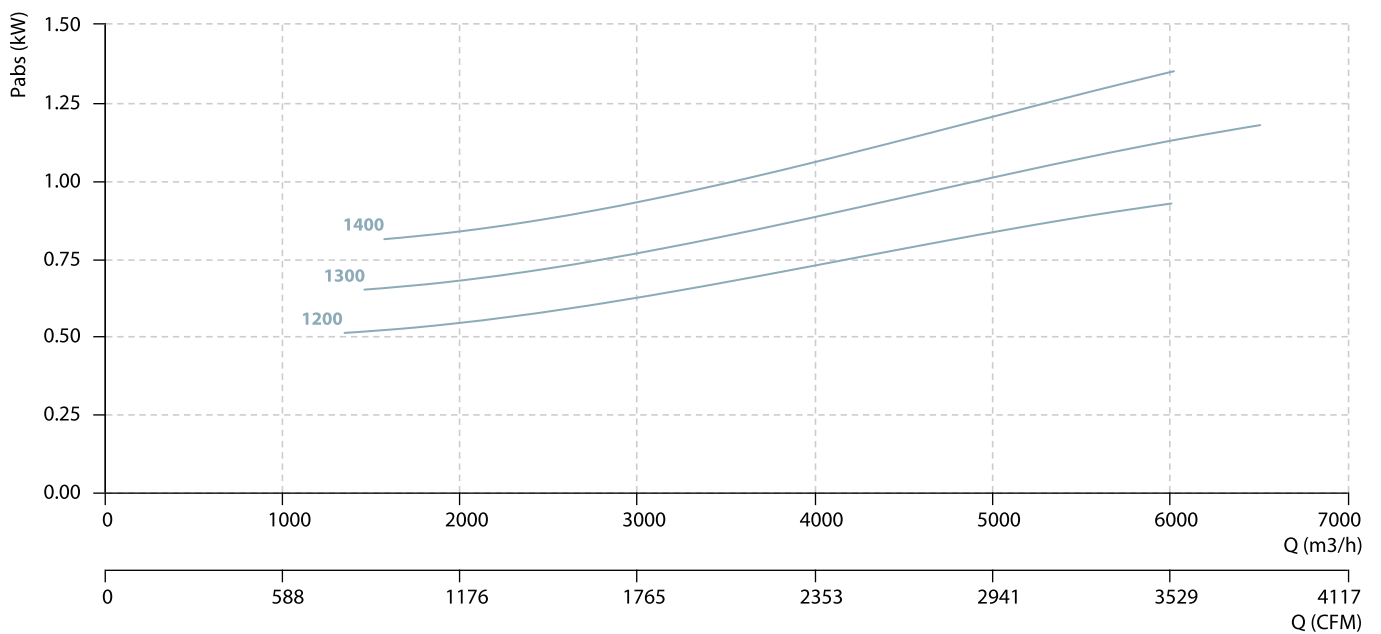


### 1 BOX BSTB 450 1,1KW

#### AIR FLOW- PRESSURE / caudal - presión



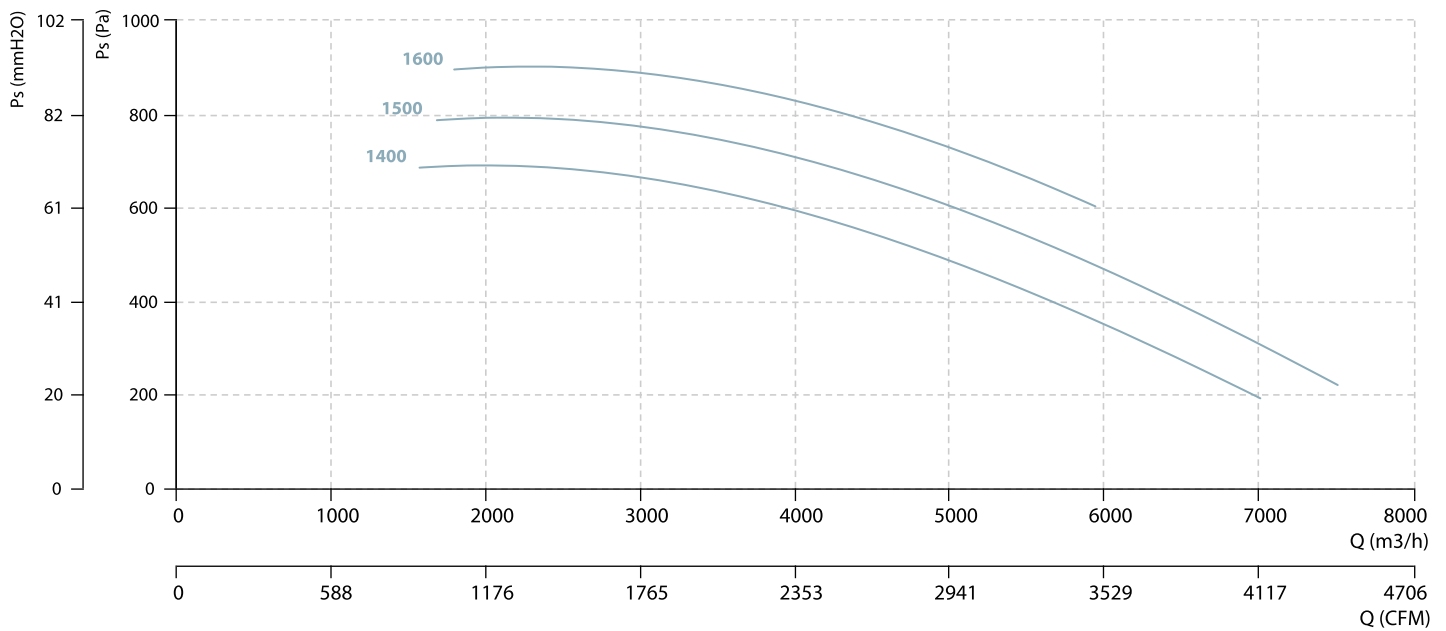
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



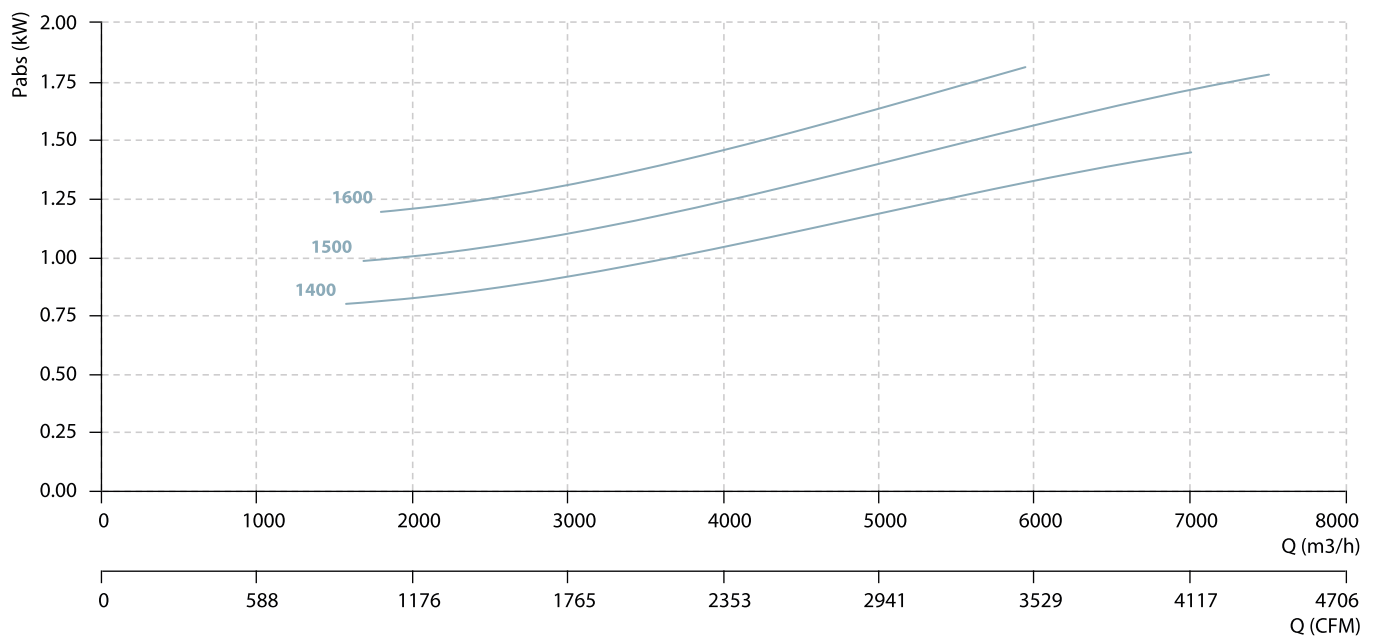


### 1 BOX BSTB 450 1,5KW

#### AIR FLOW- PRESSURE / caudal - presión



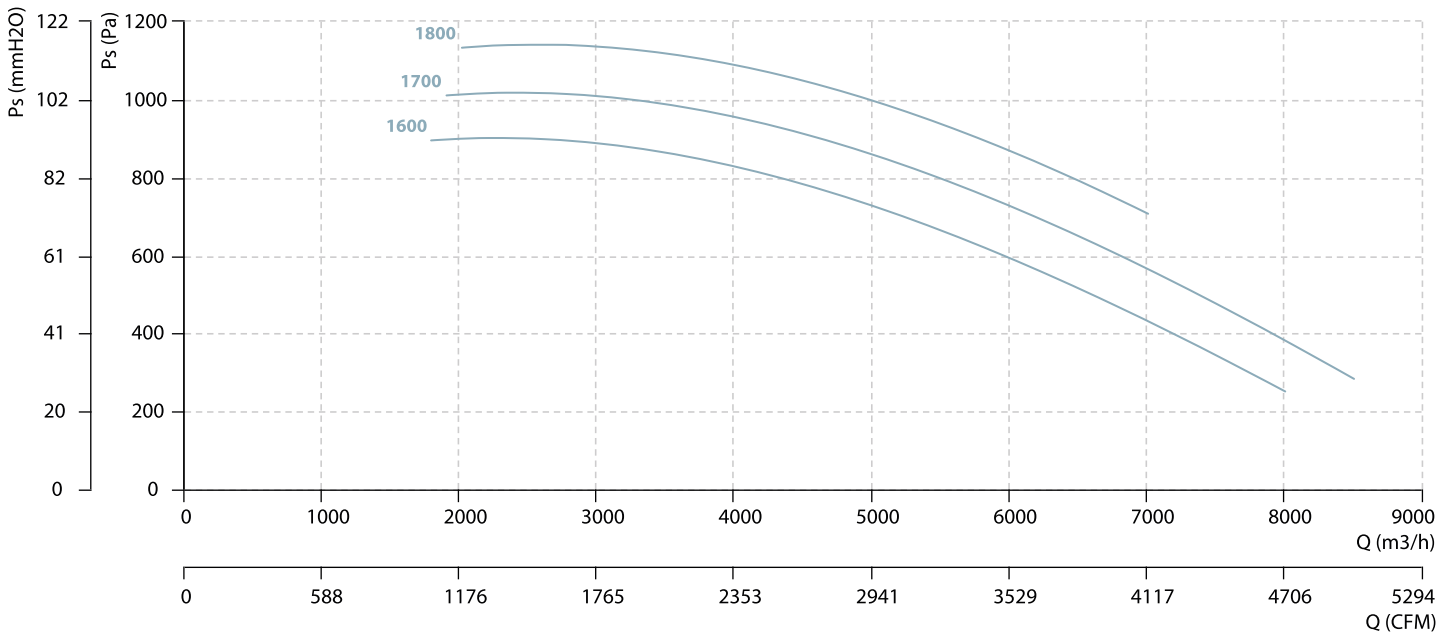
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



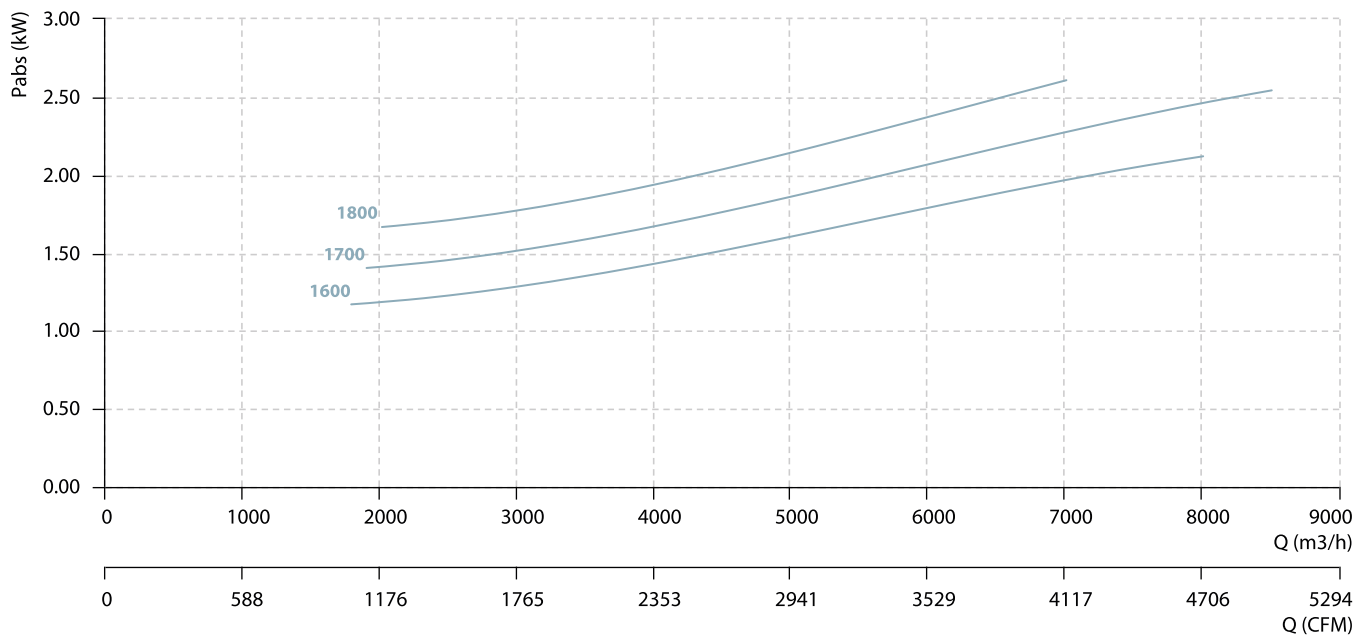


1 BOX BSTB 450 2,2KW

### AIR FLOW- PRESSURE / caudal - presión



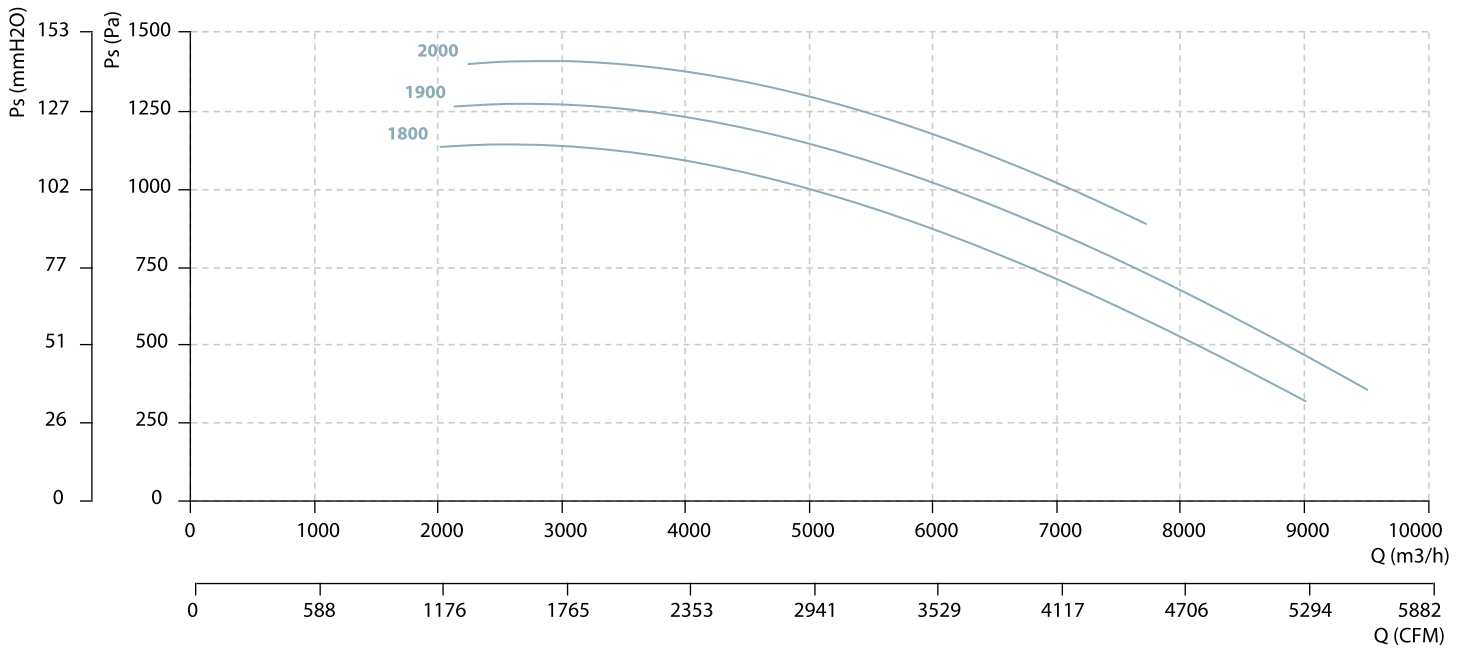
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



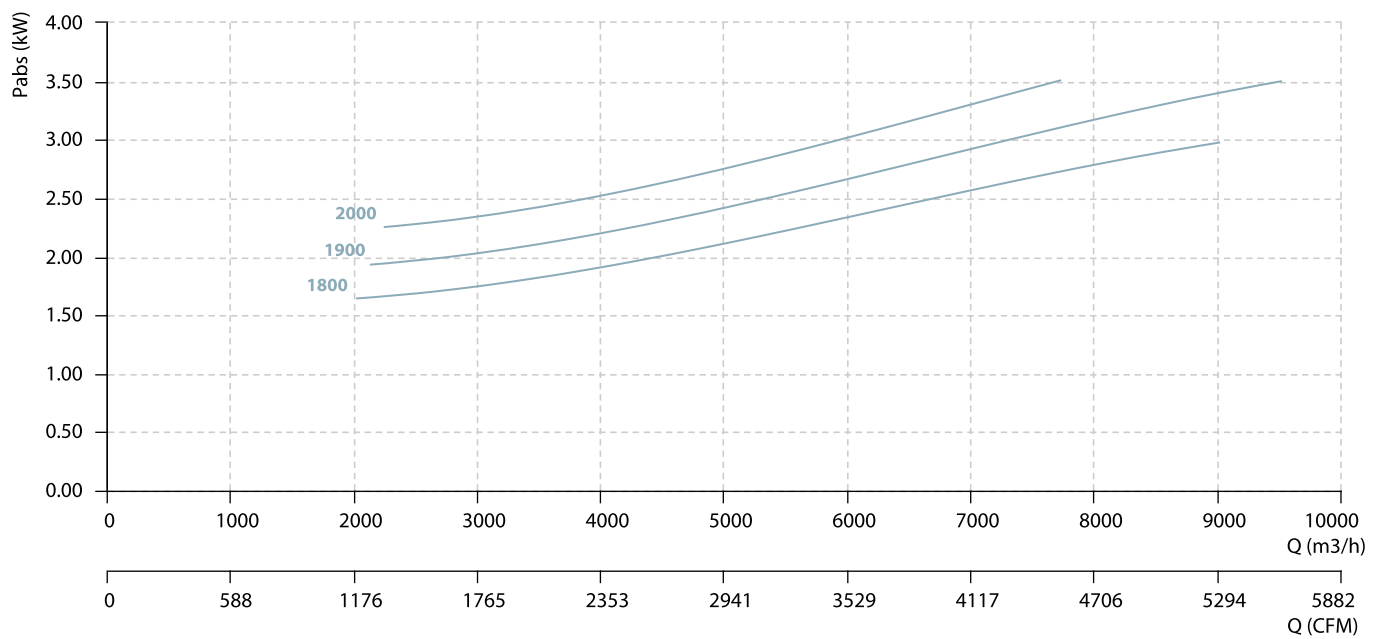


### 1 BOX BSTB 450 3KW

#### AIR FLOW- PRESSURE / caudal - presión



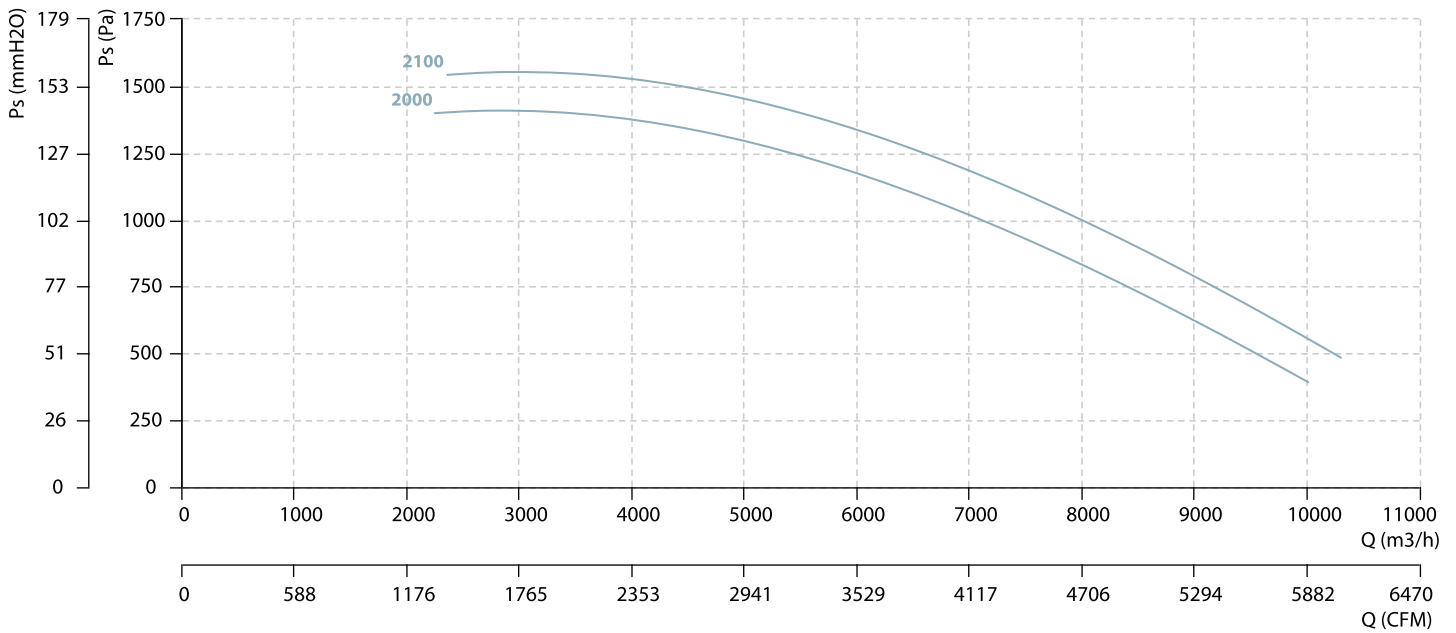
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



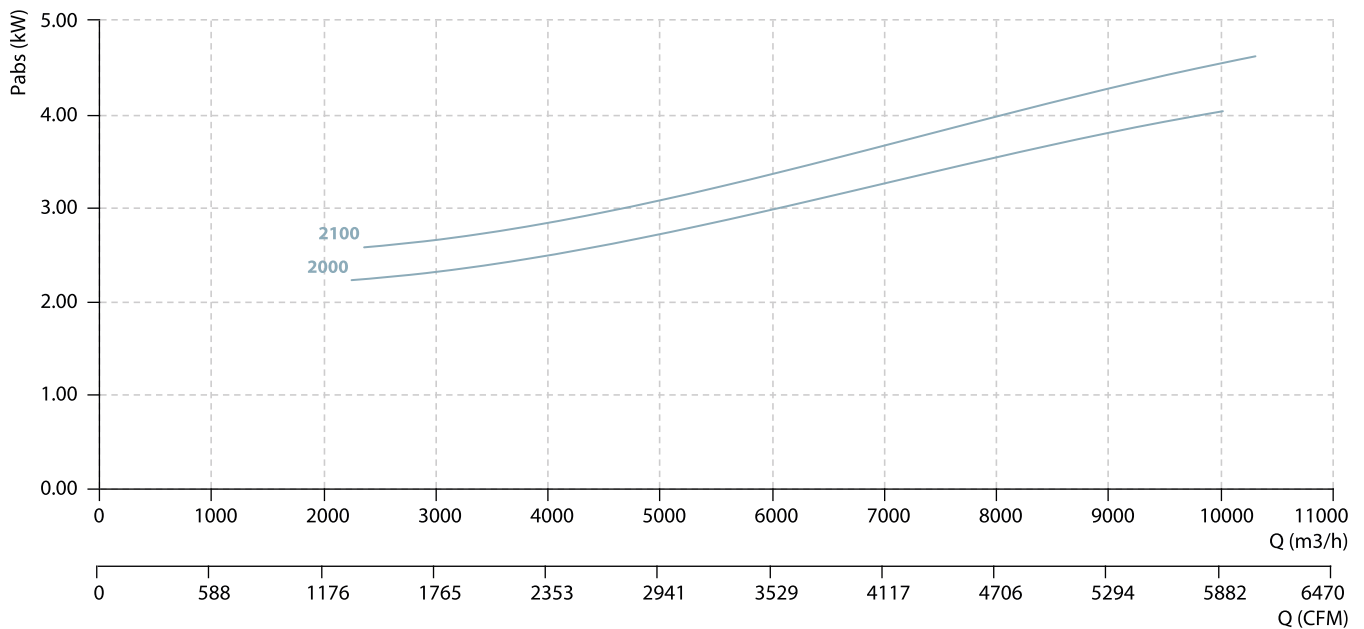


### 1 BOX BSTB 450 4KW

#### AIR FLOW- PRESSURE / caudal - presión



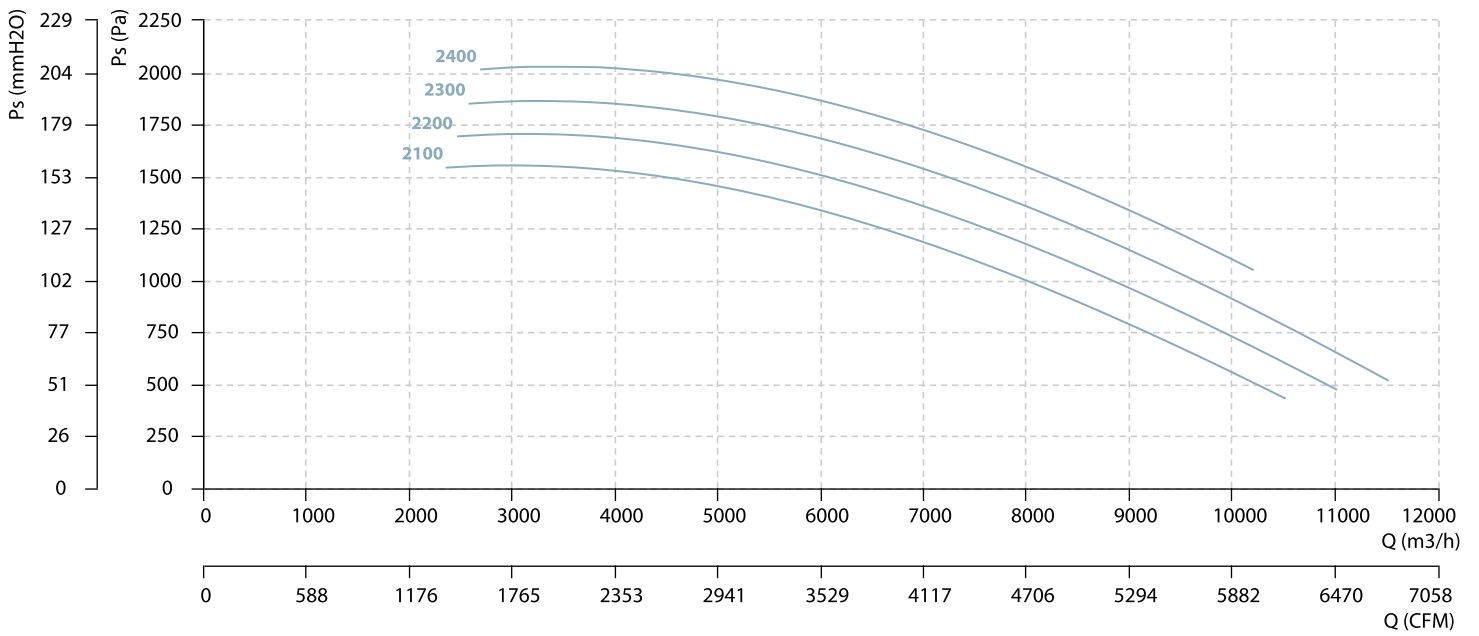
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



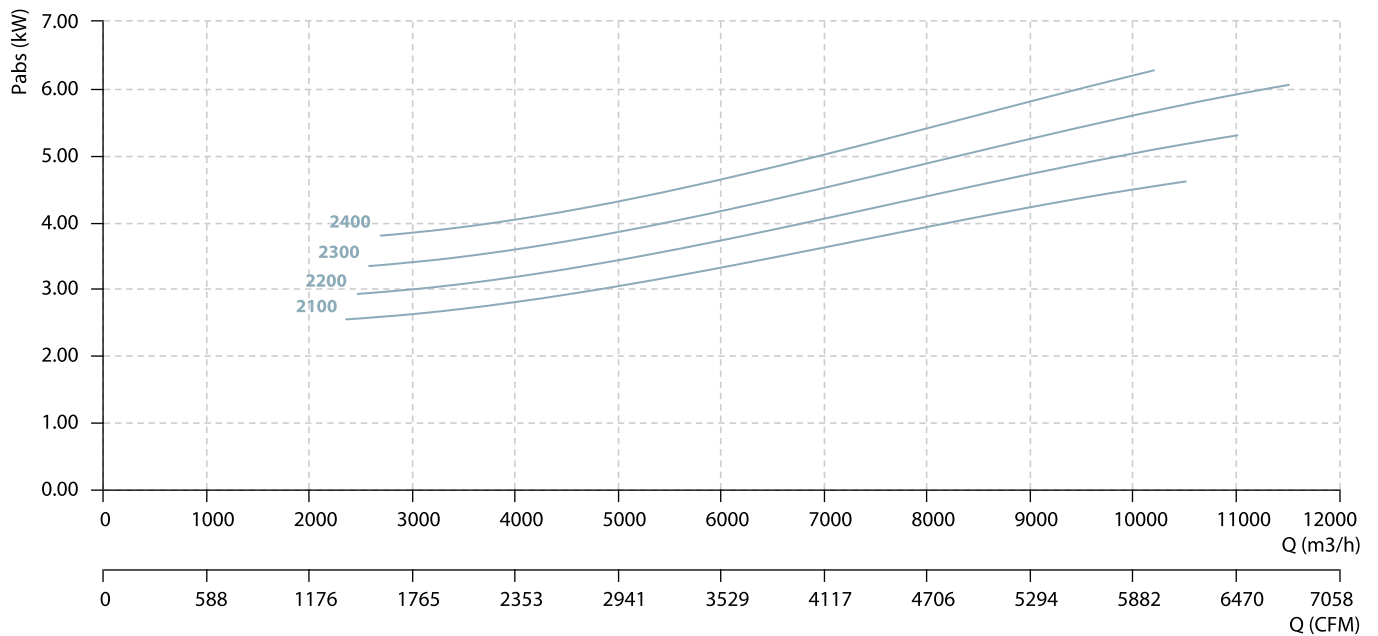


### 1 BOX BSTB 450 5,5KW

#### AIR FLOW- PRESSURE / caudal - presión



#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

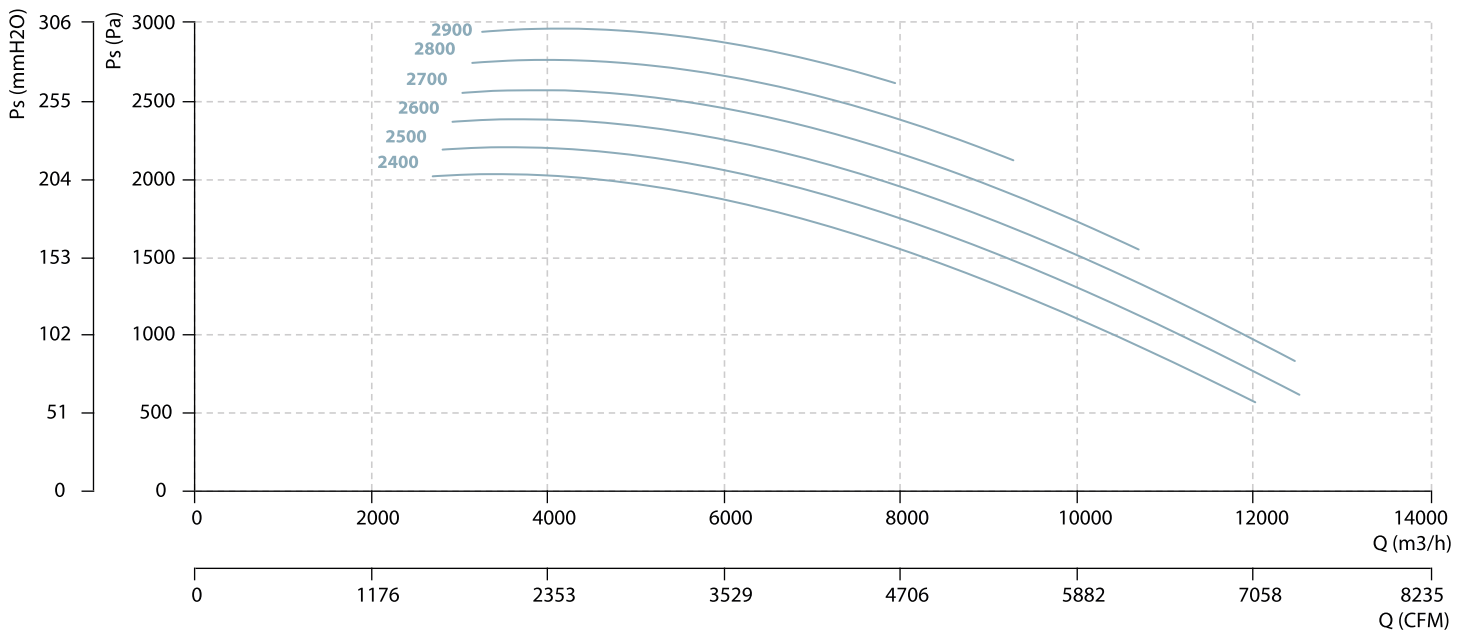




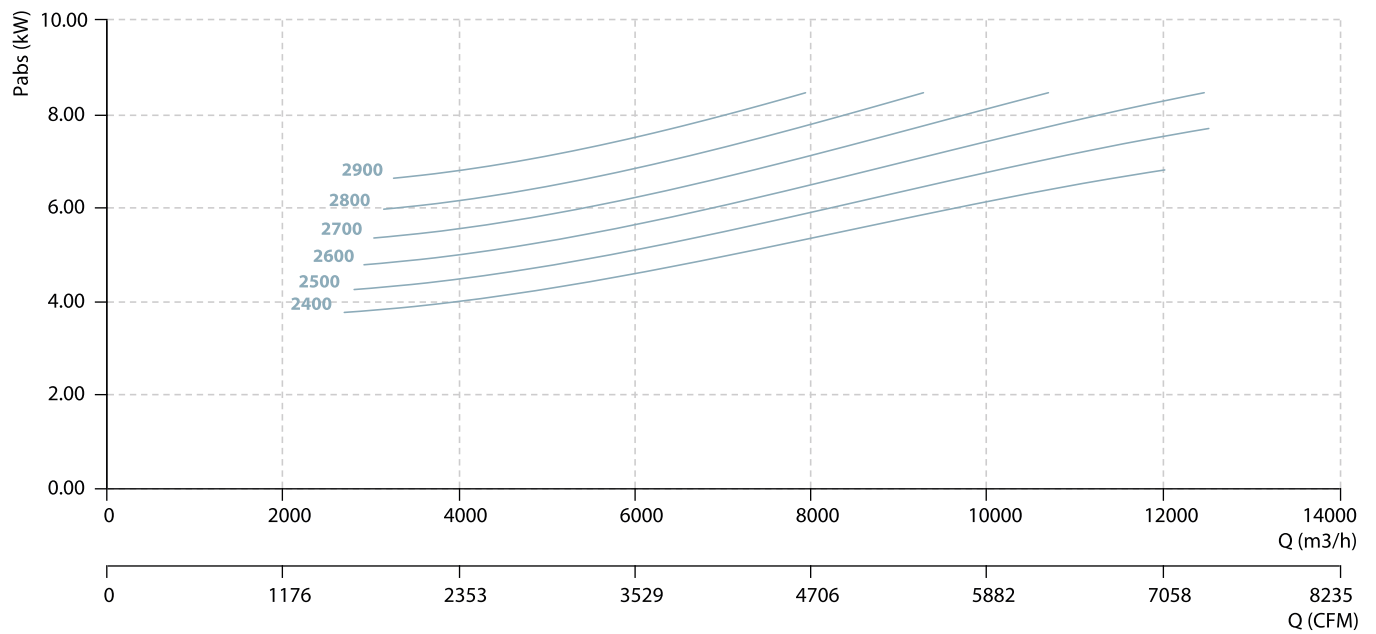


### 1 BOX BSTB 450 7,5KW

#### AIR FLOW- PRESSURE / caudal - presión



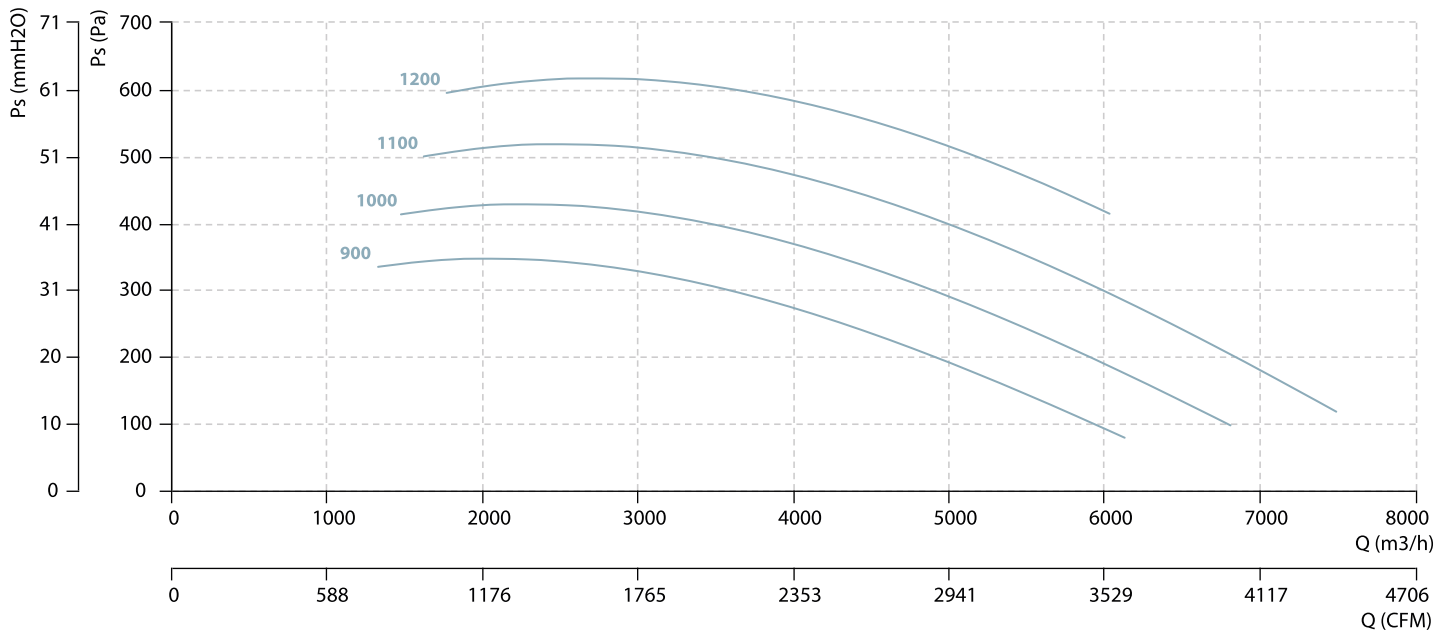
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



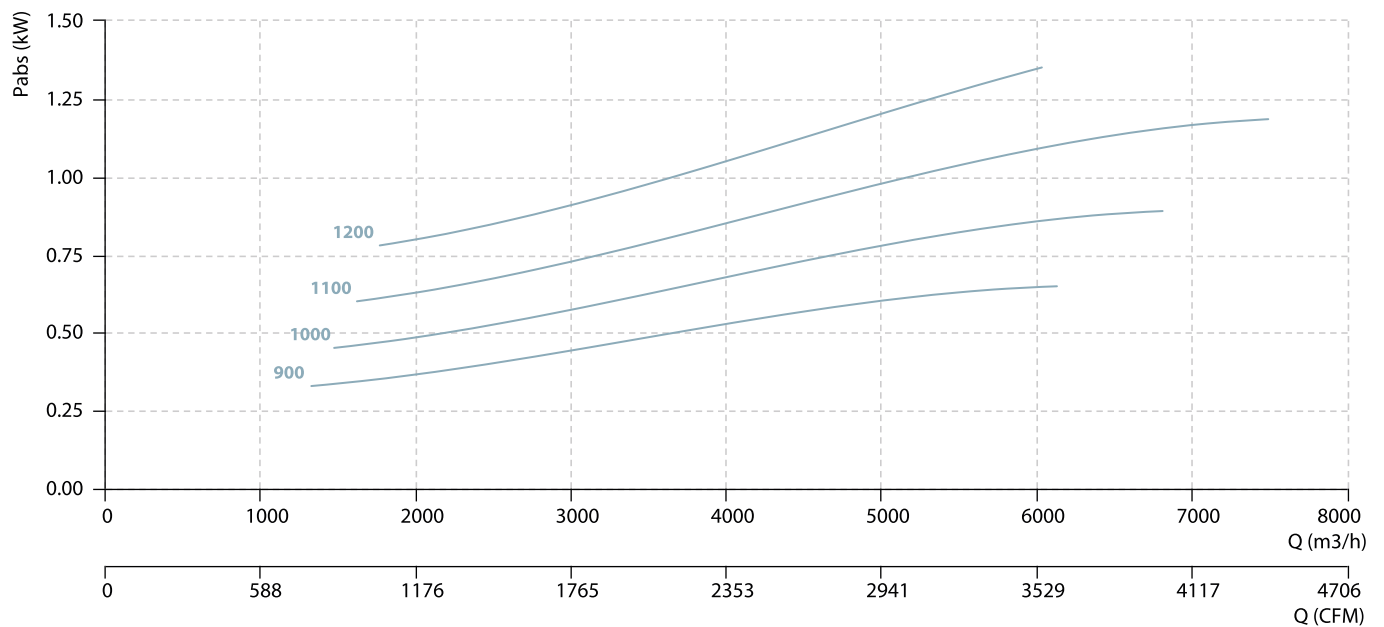


### 1 BOX BSTB 500 1,1KW

#### AIR FLOW- PRESSURE / caudal - presión



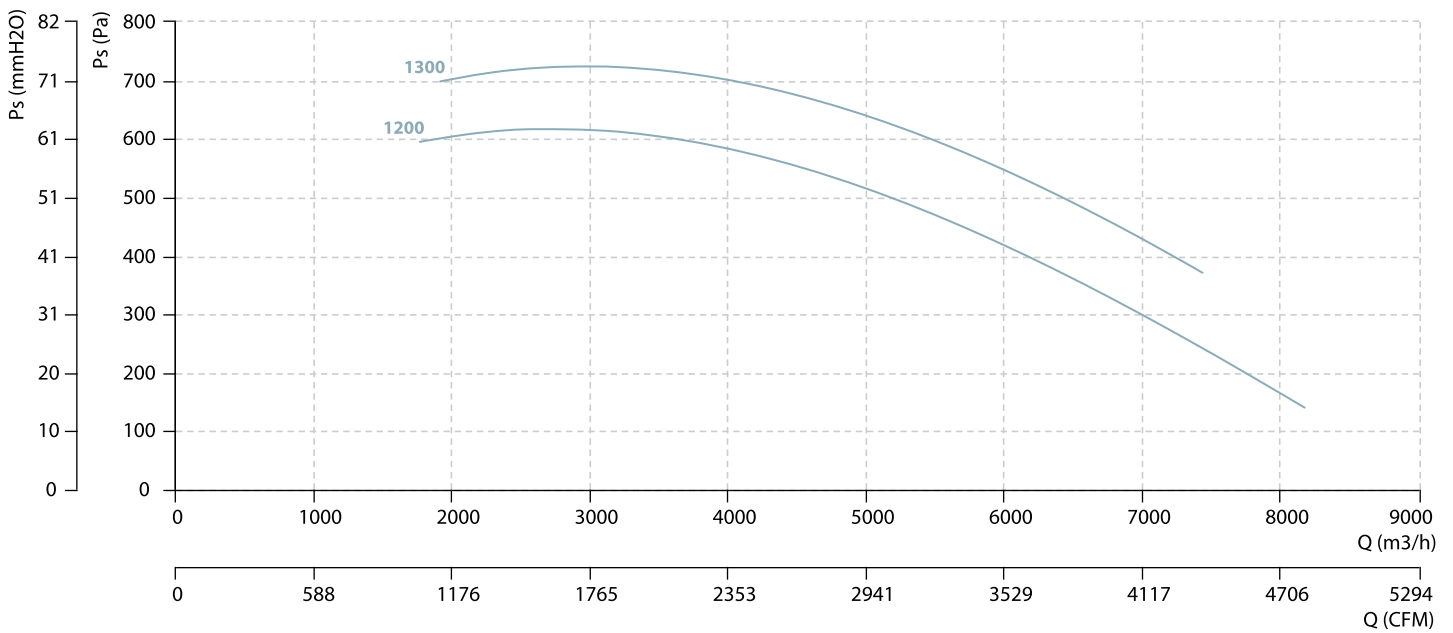
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



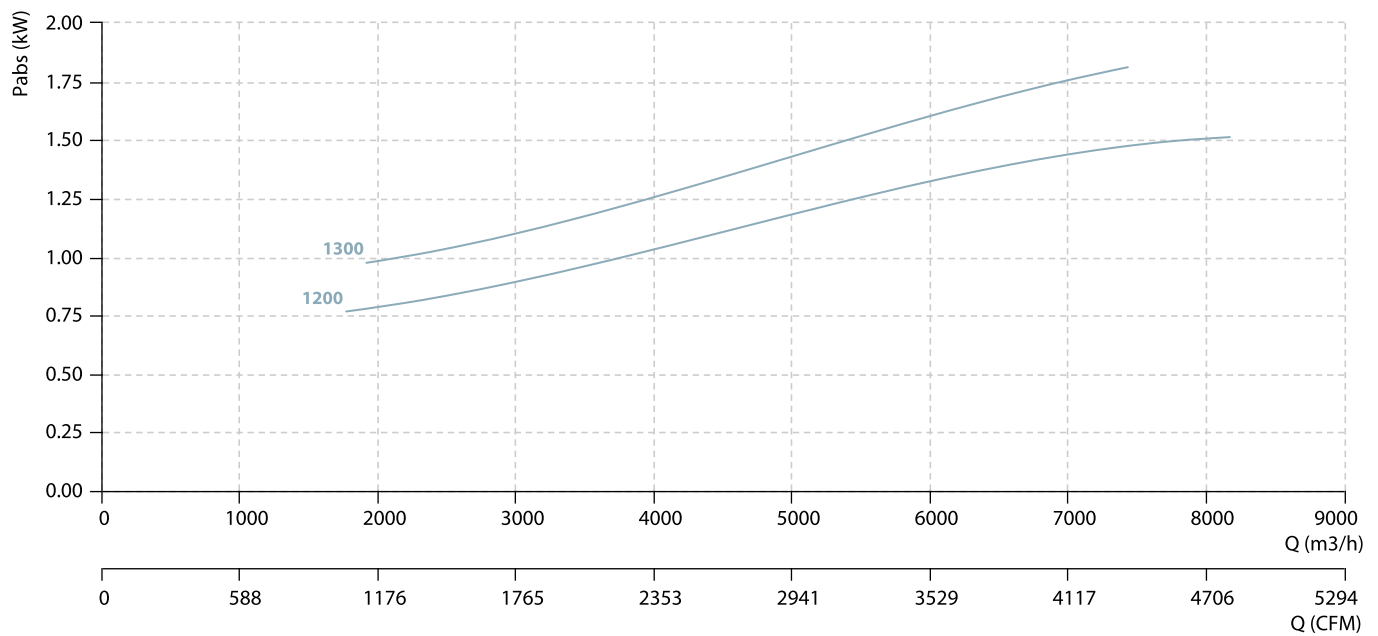


### 1 BOX BSTB 500 1,5KW

#### AIR FLOW- PRESSURE / caudal - presión



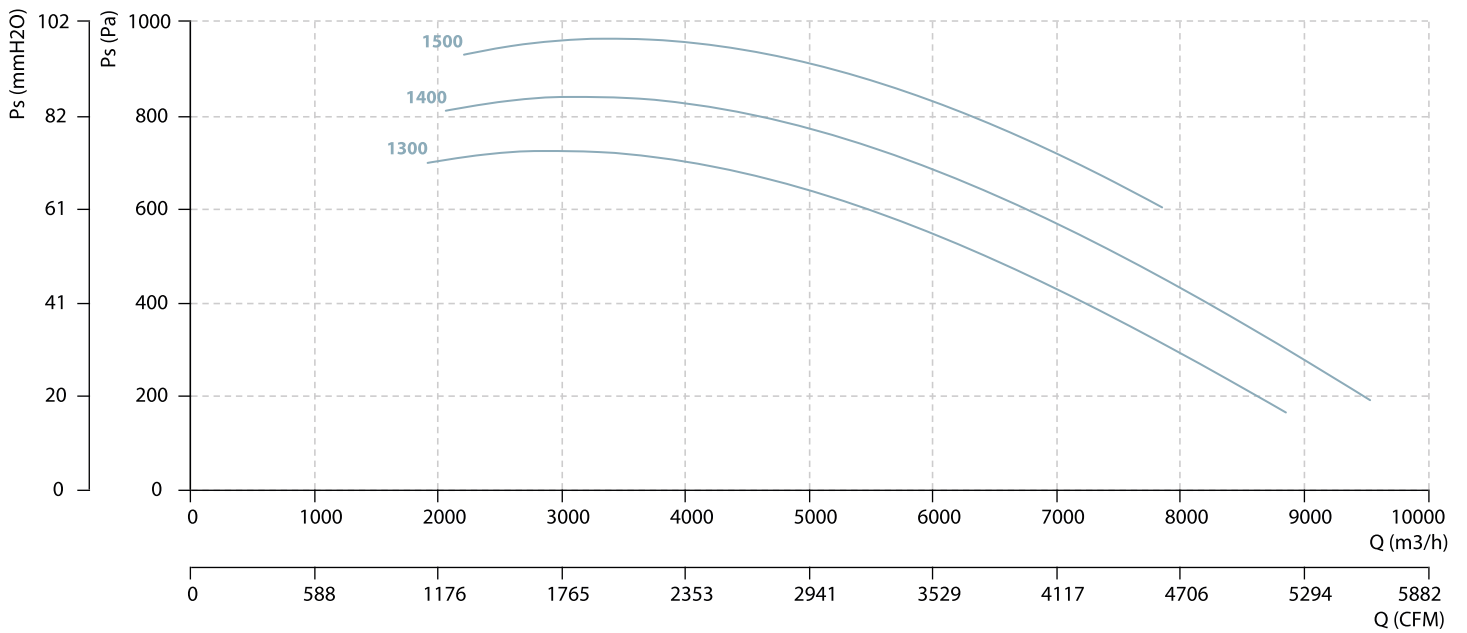
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



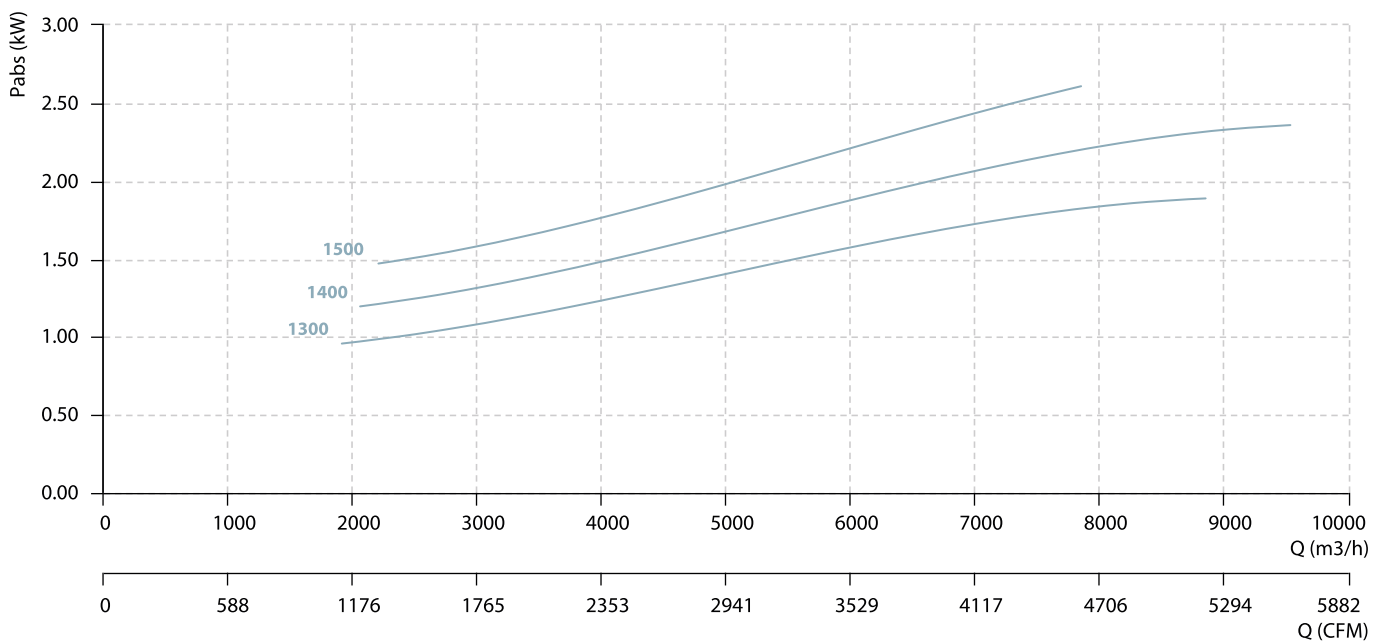


1 BOX BSTB 500 2,2KW

### AIR FLOW- PRESSURE / caudal - presión



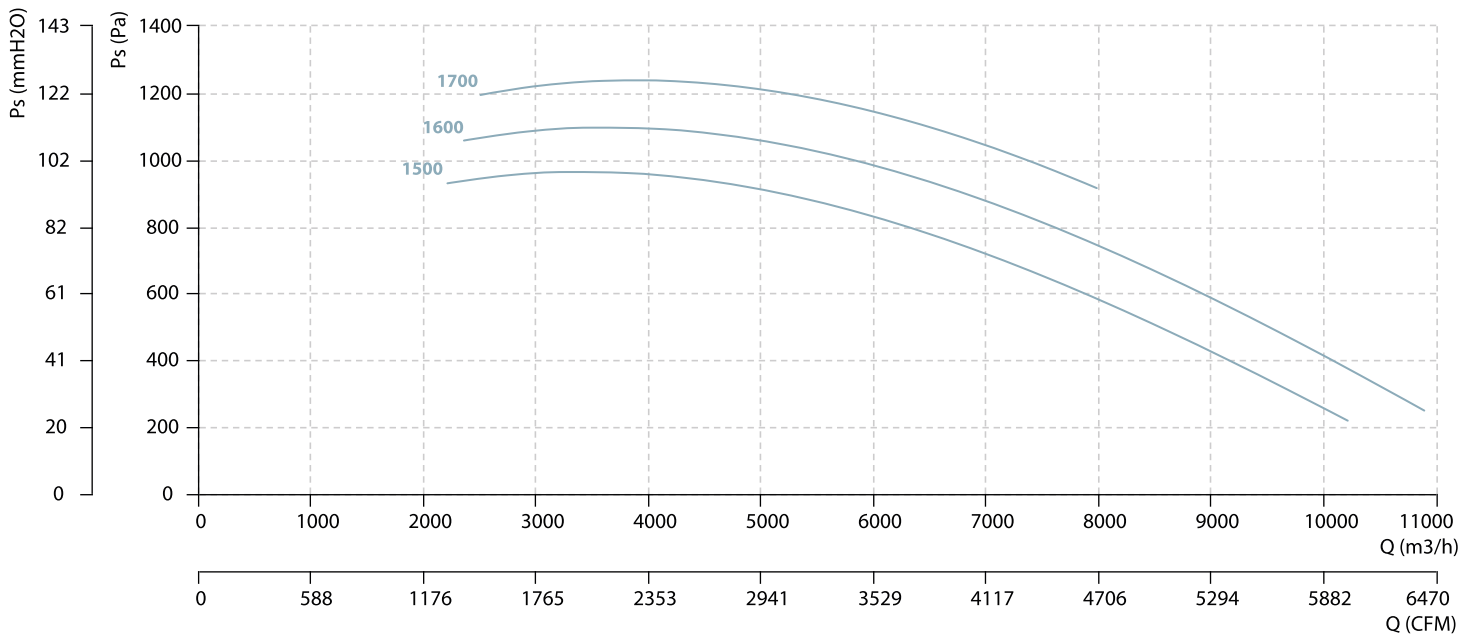
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



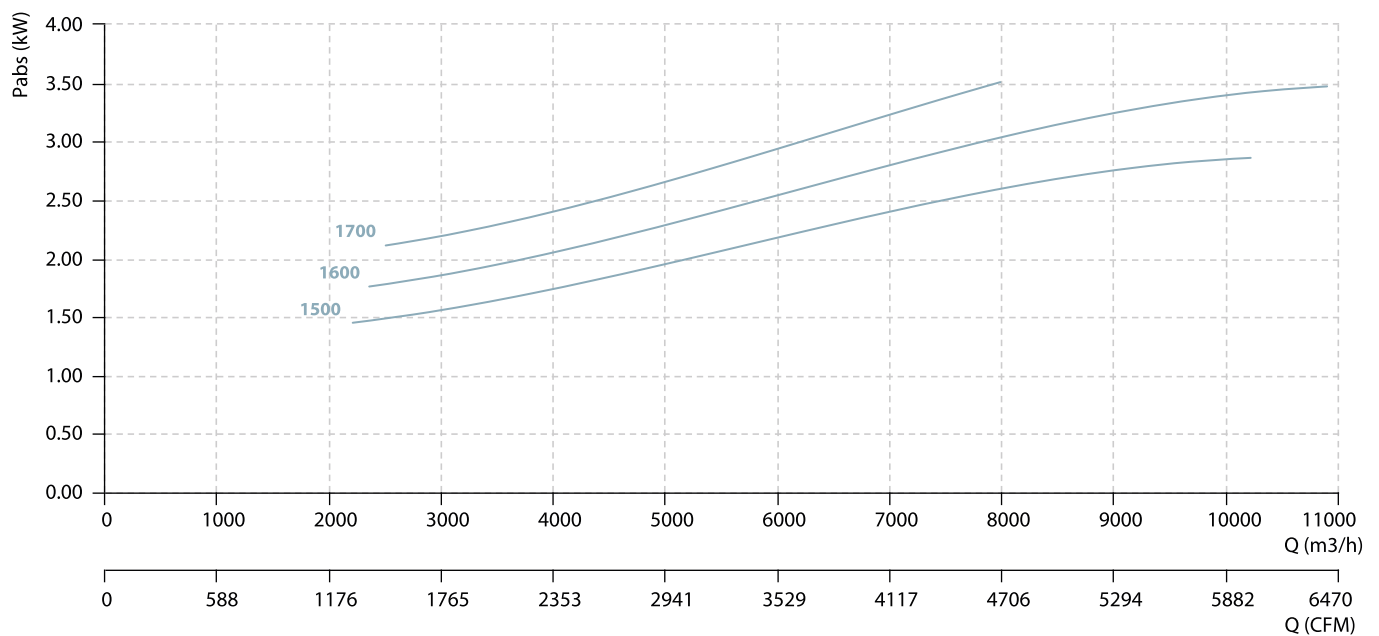


### 1 BOX BSTB 500 3KW

#### AIR FLOW- PRESSURE / caudal - presión



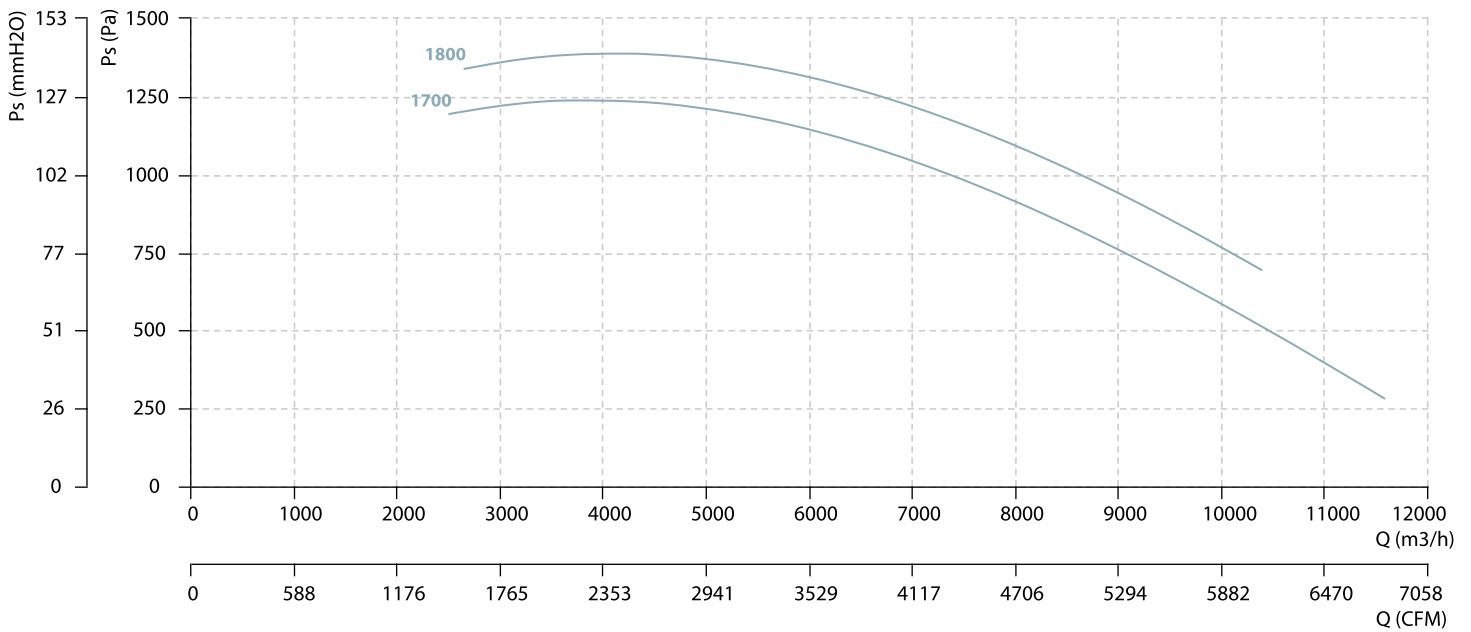
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



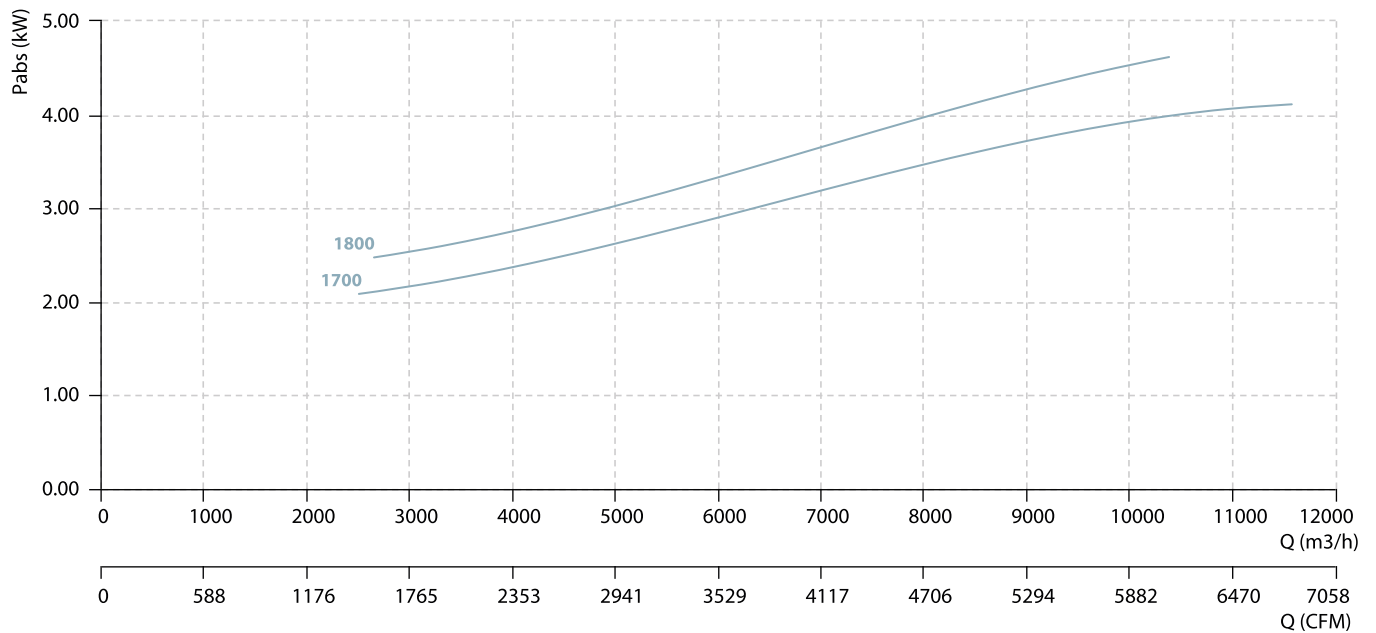


### 1 BOX BSTB 500 4KW

#### AIR FLOW- PRESSURE / caudal - presión



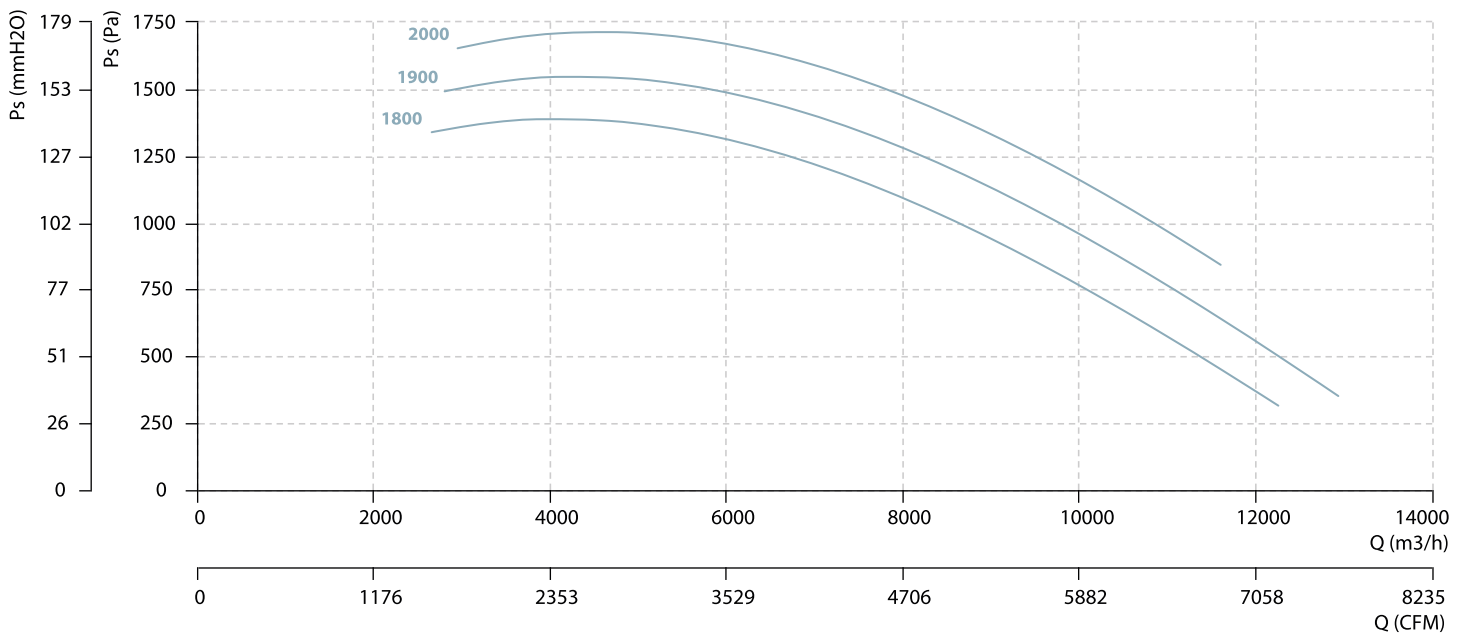
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



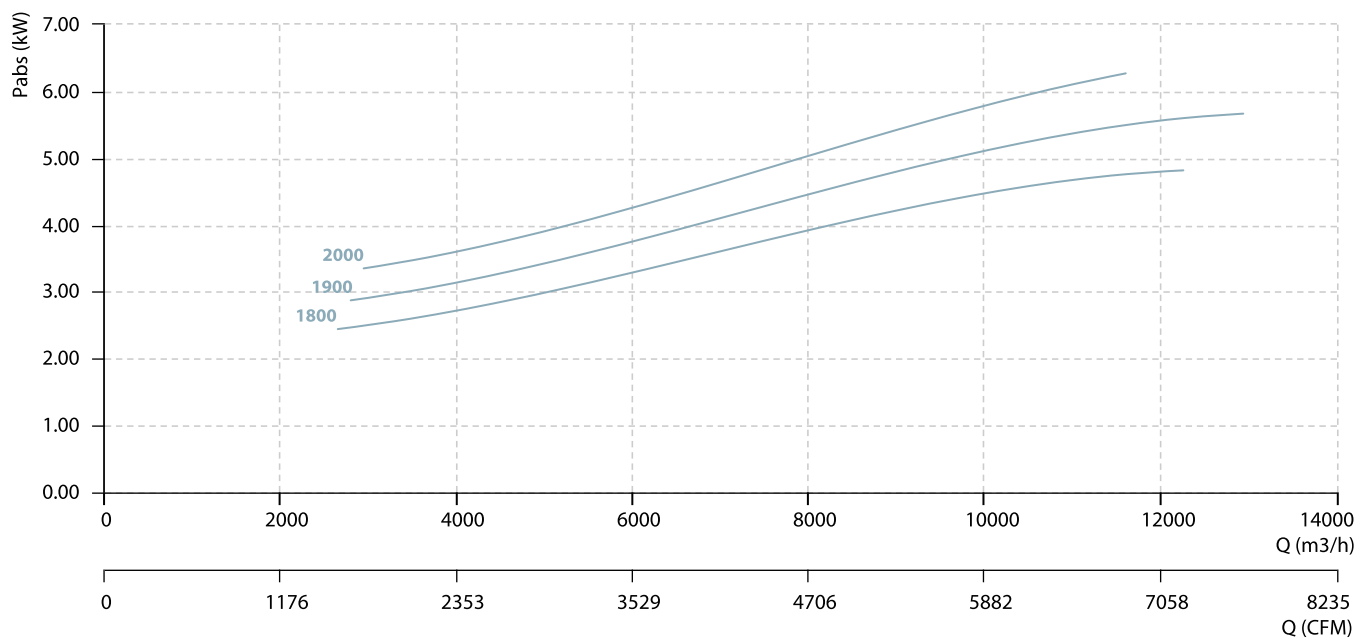


### 1 BOX BSTB 500 5,5KW

#### AIR FLOW- PRESSURE / caudal - presión



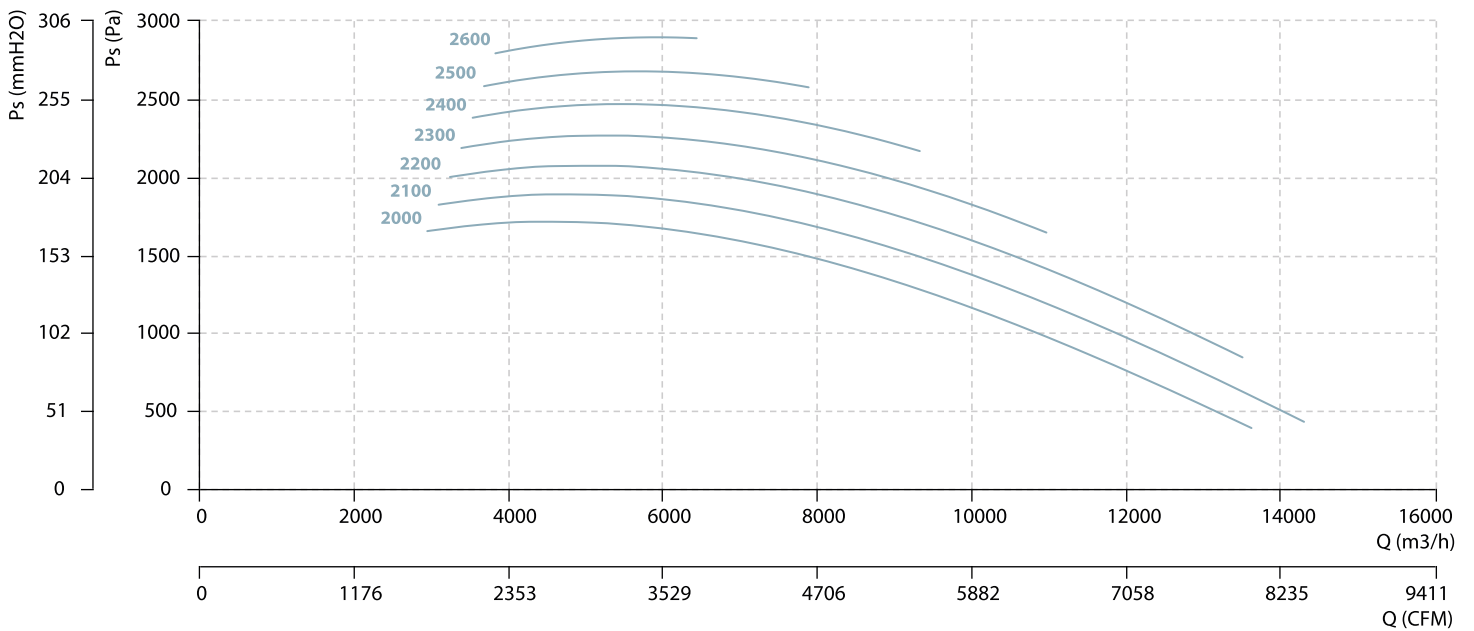
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



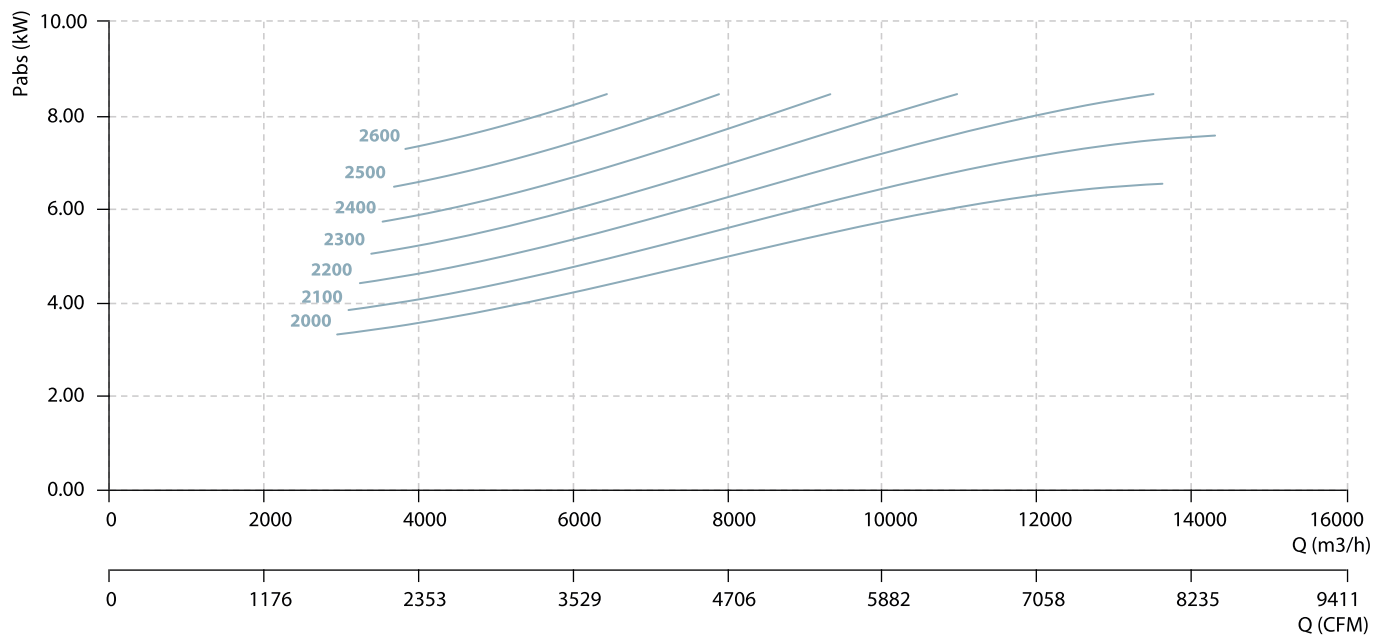


1 BOX BSTB 500 7,5KW

### AIR FLOW- PRESSURE / caudal - presión



### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

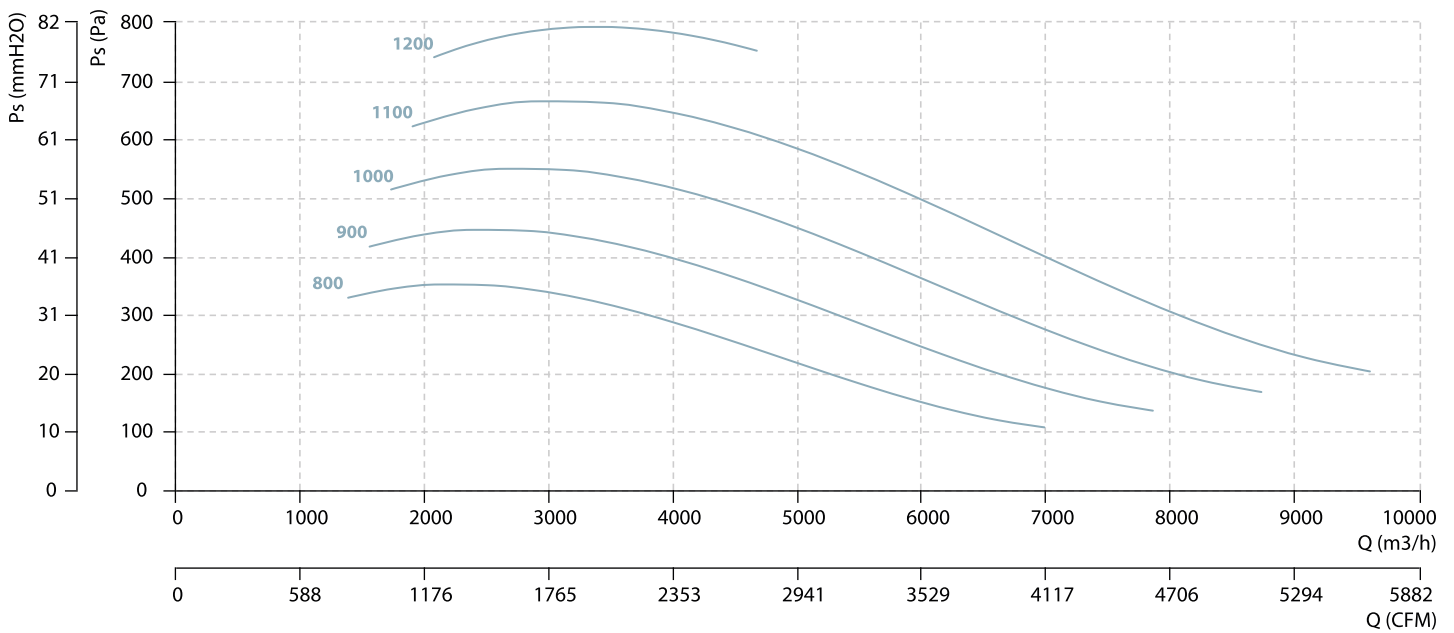




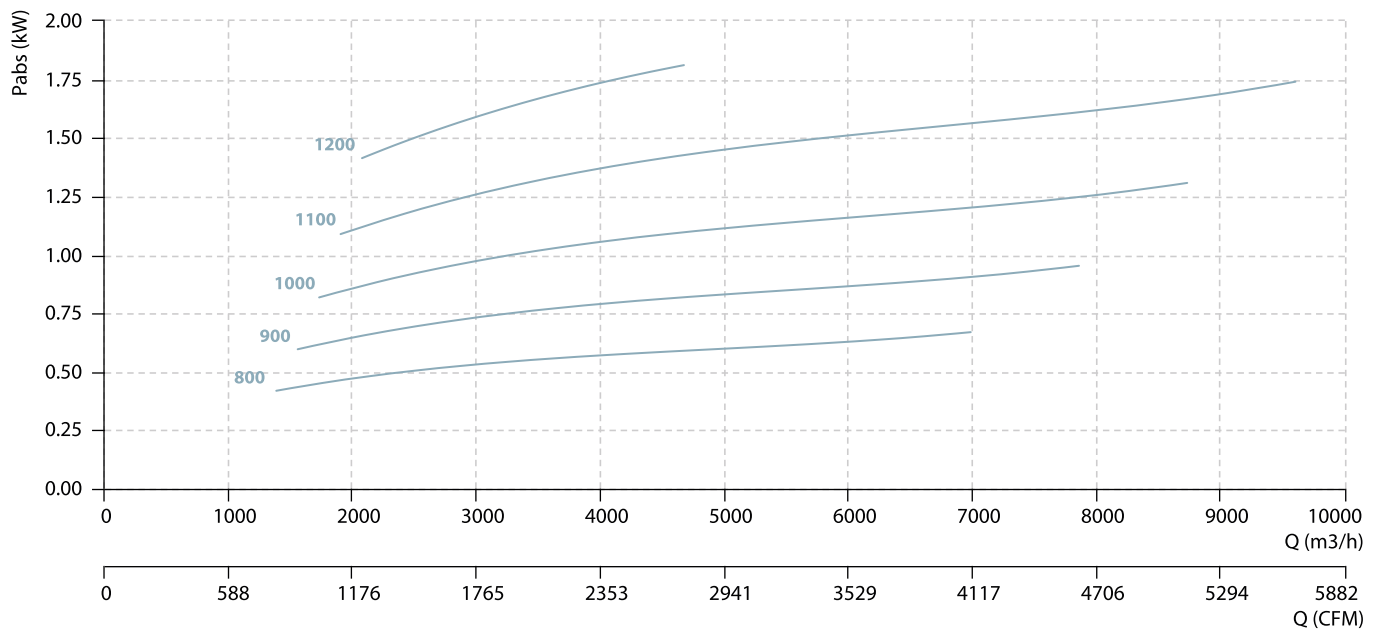


1 BOX BSTB 560 1,5KW

### AIR FLOW- PRESSURE / caudal - presión



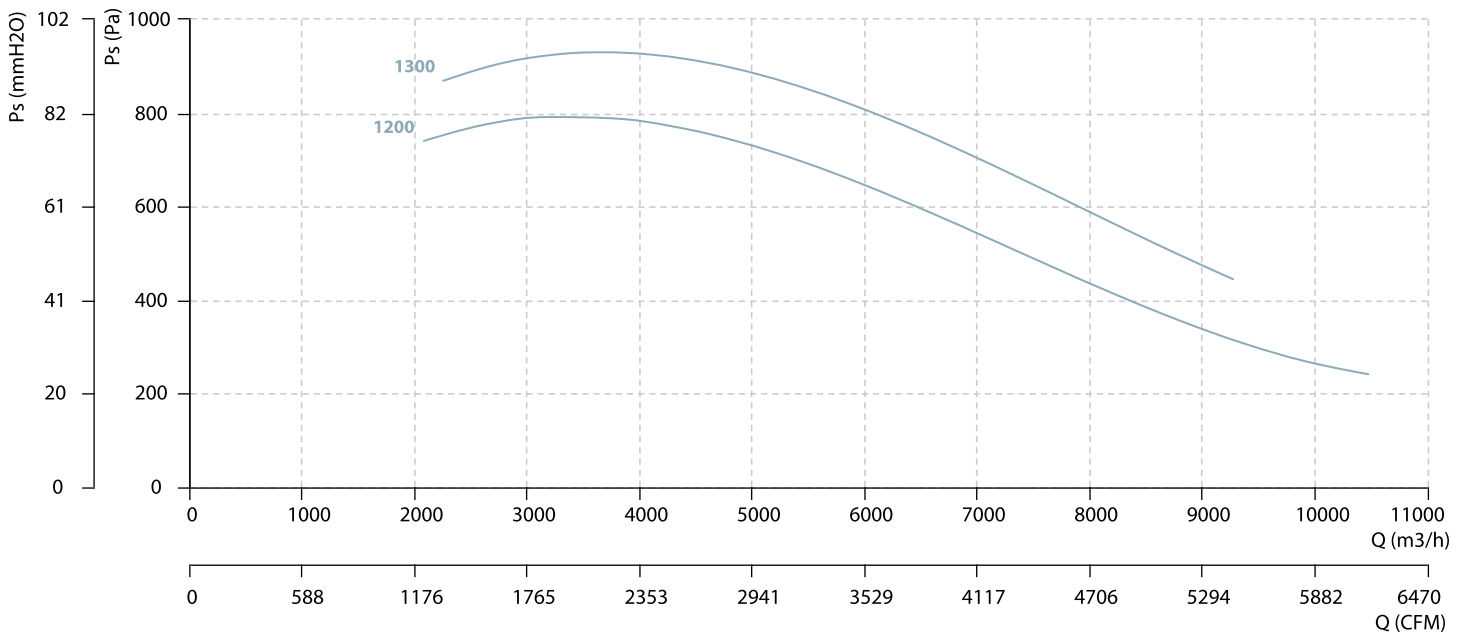
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



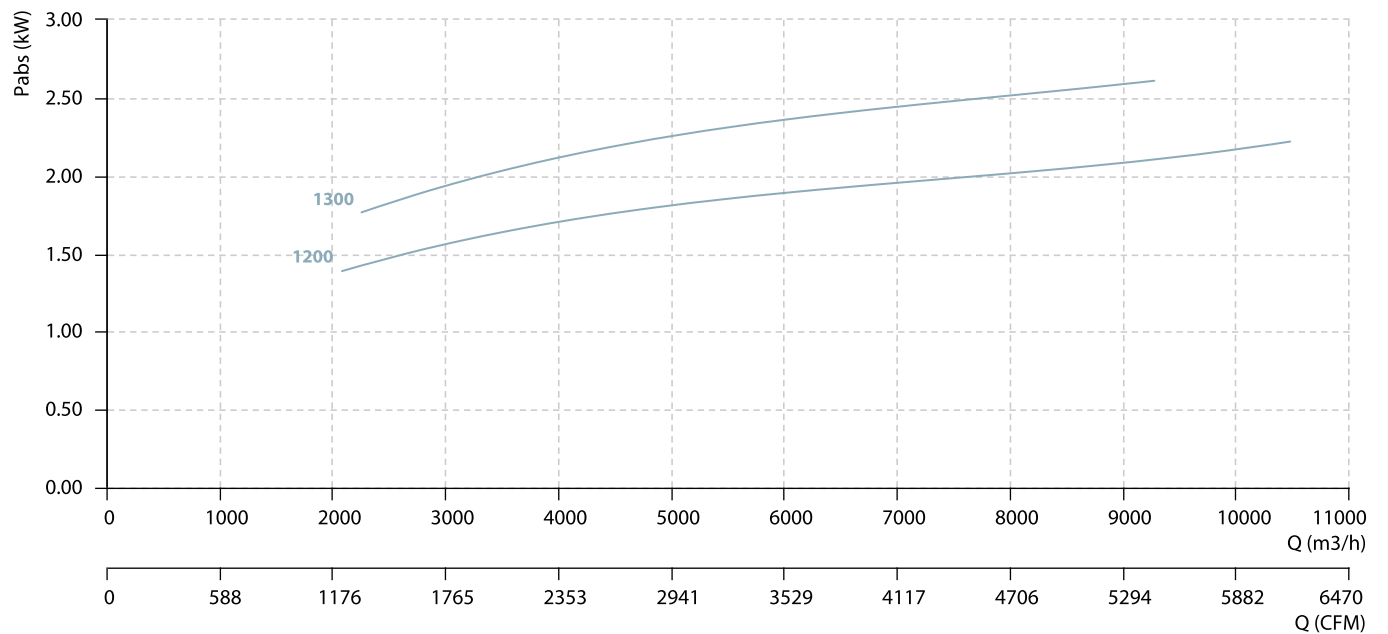


1 BOX BSTB 560 2,2KW

### AIR FLOW- PRESSURE / caudal - presión



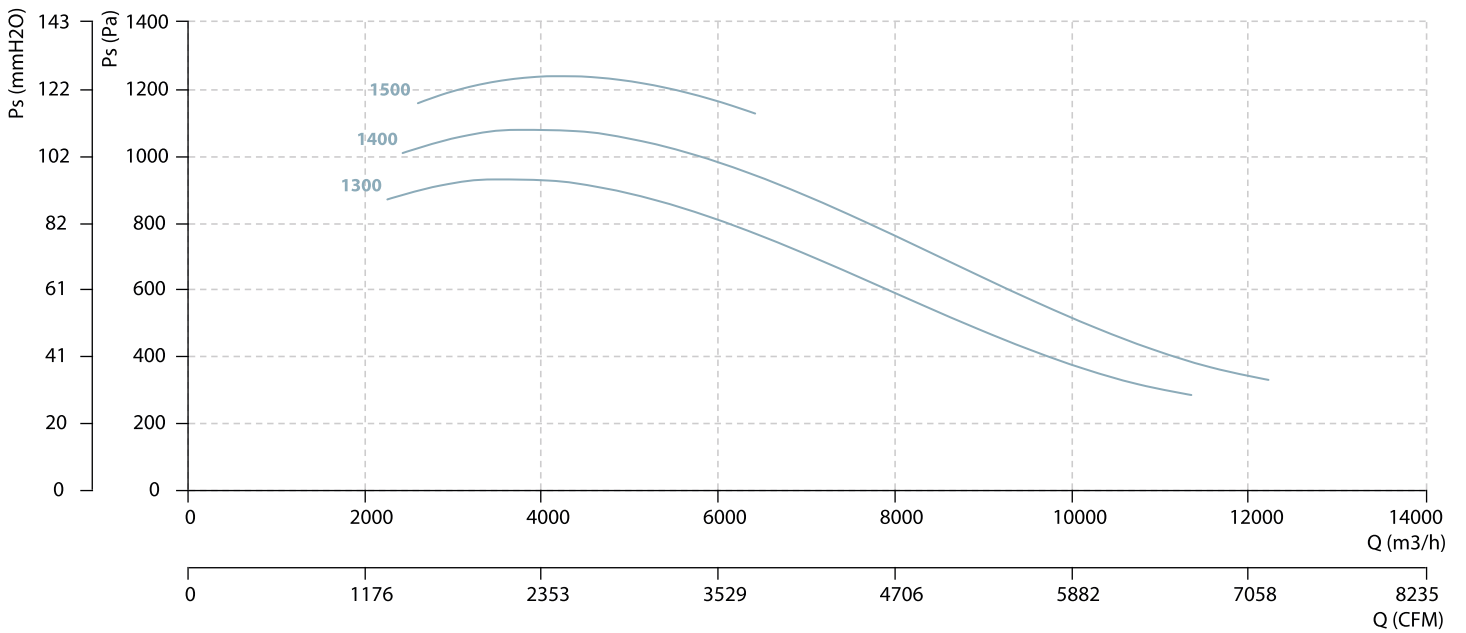
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



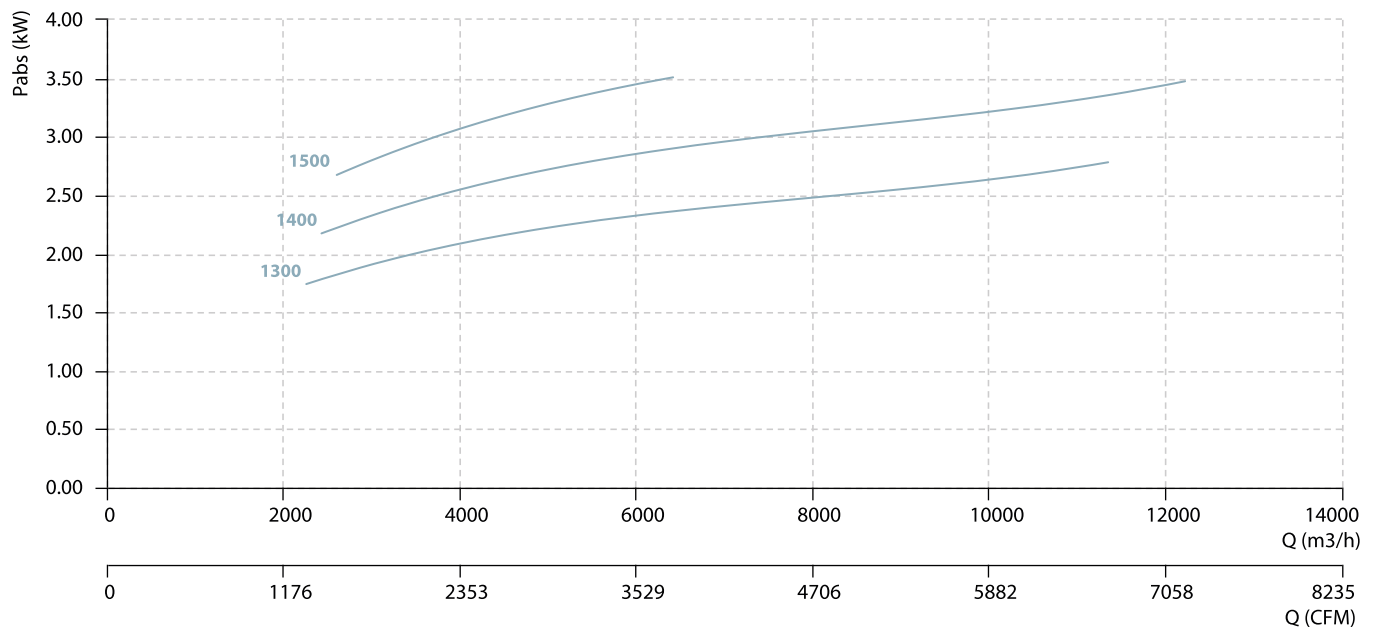


1 BOX BSTB 560 3KW

### AIR FLOW- PRESSURE / caudal - presión



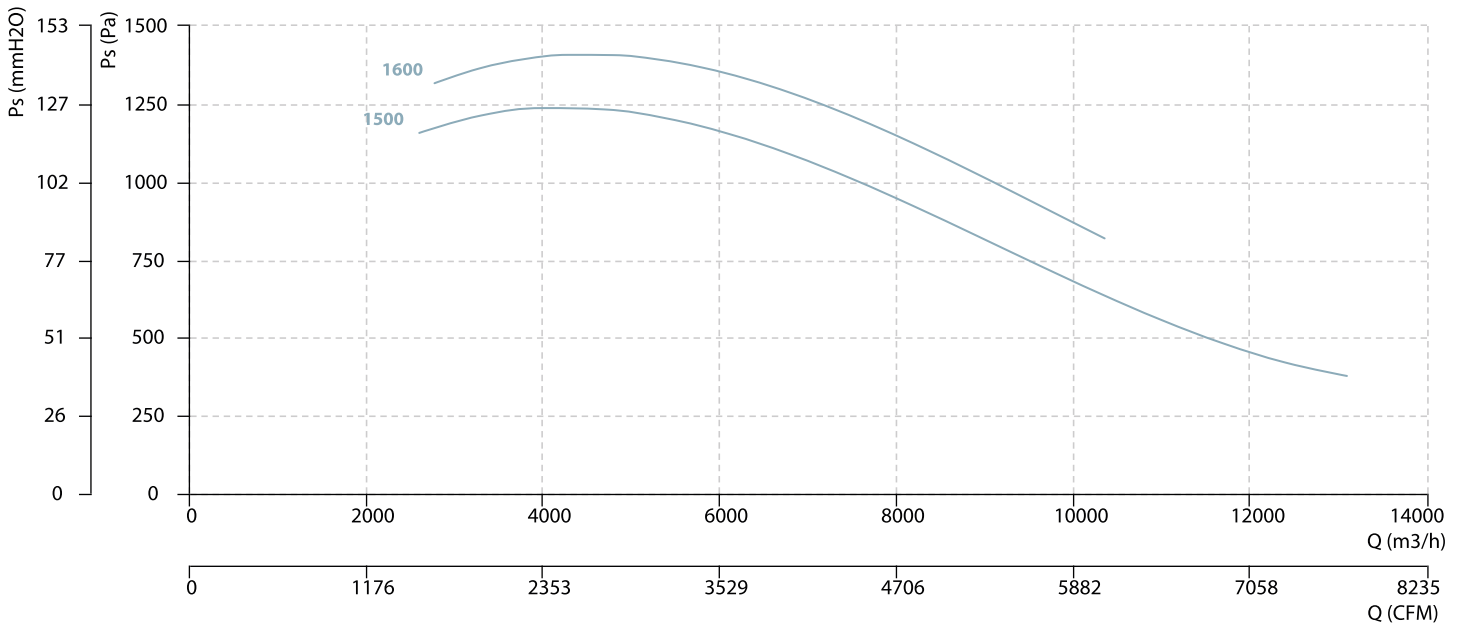
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



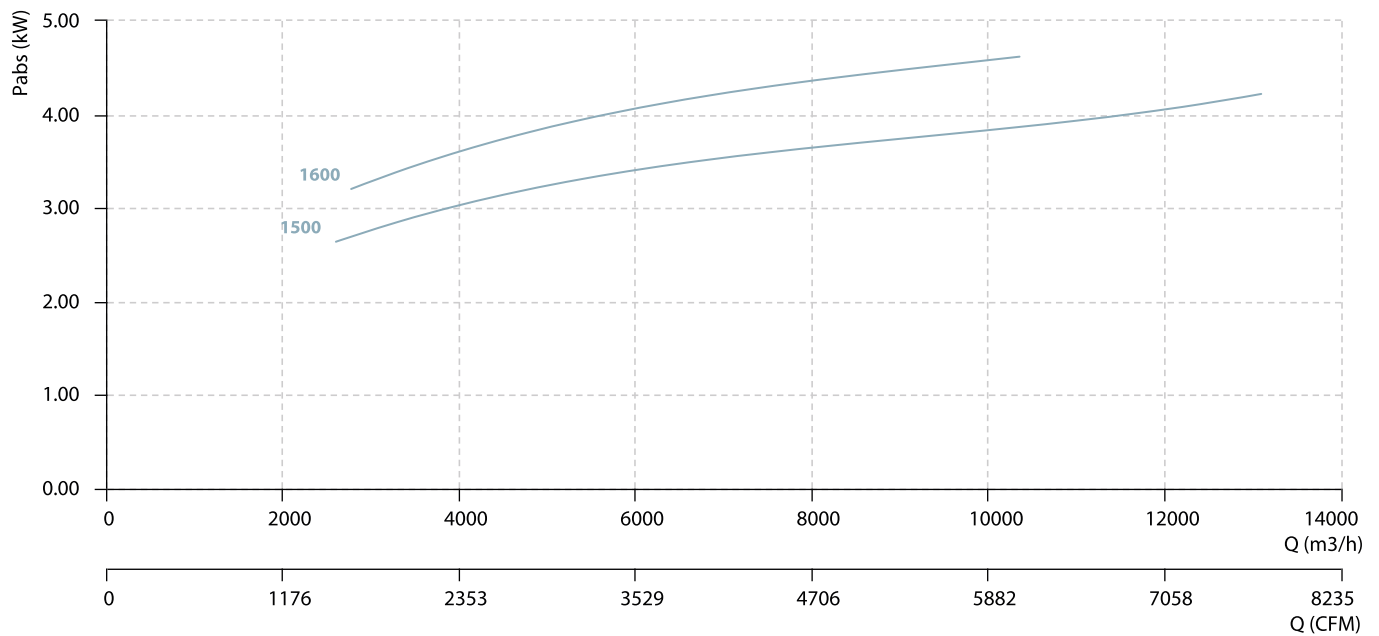


1 BOX BSTB 560 4KW

### AIR FLOW- PRESSURE / caudal - presión



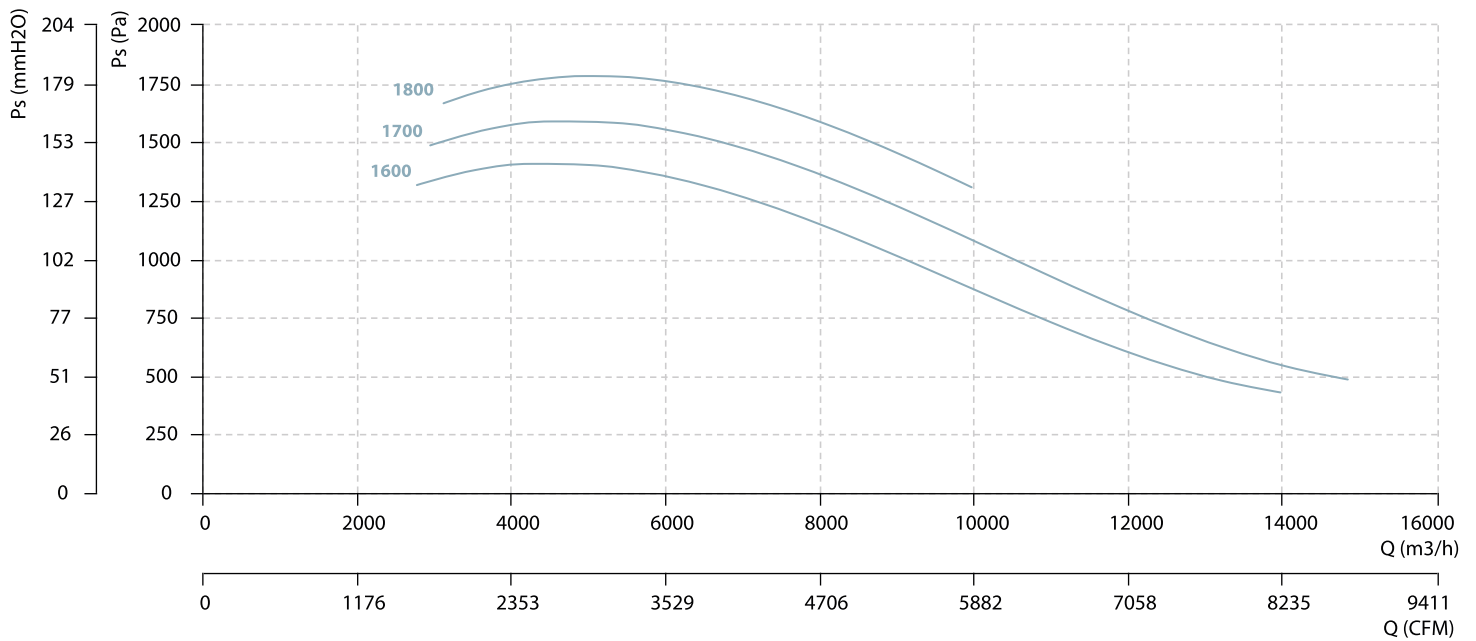
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



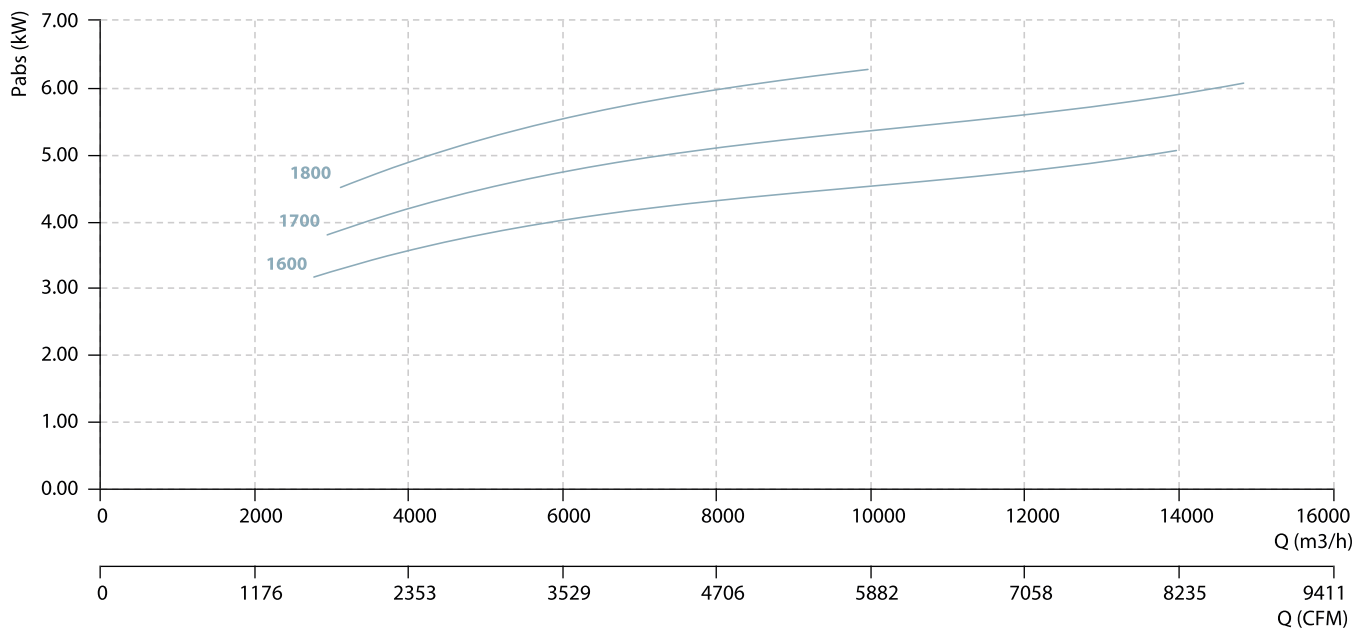


### 1 BOX BSTB 560 5,5KW

#### AIR FLOW- PRESSURE / caudal - presión



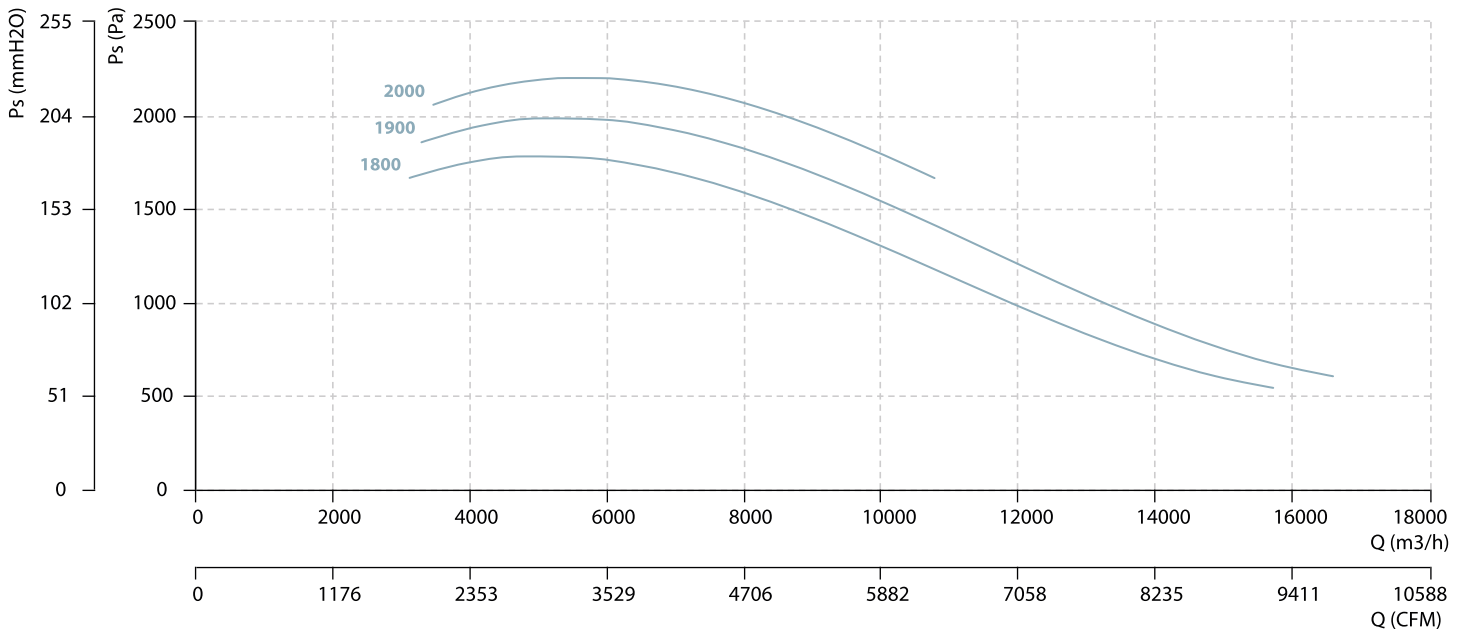
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



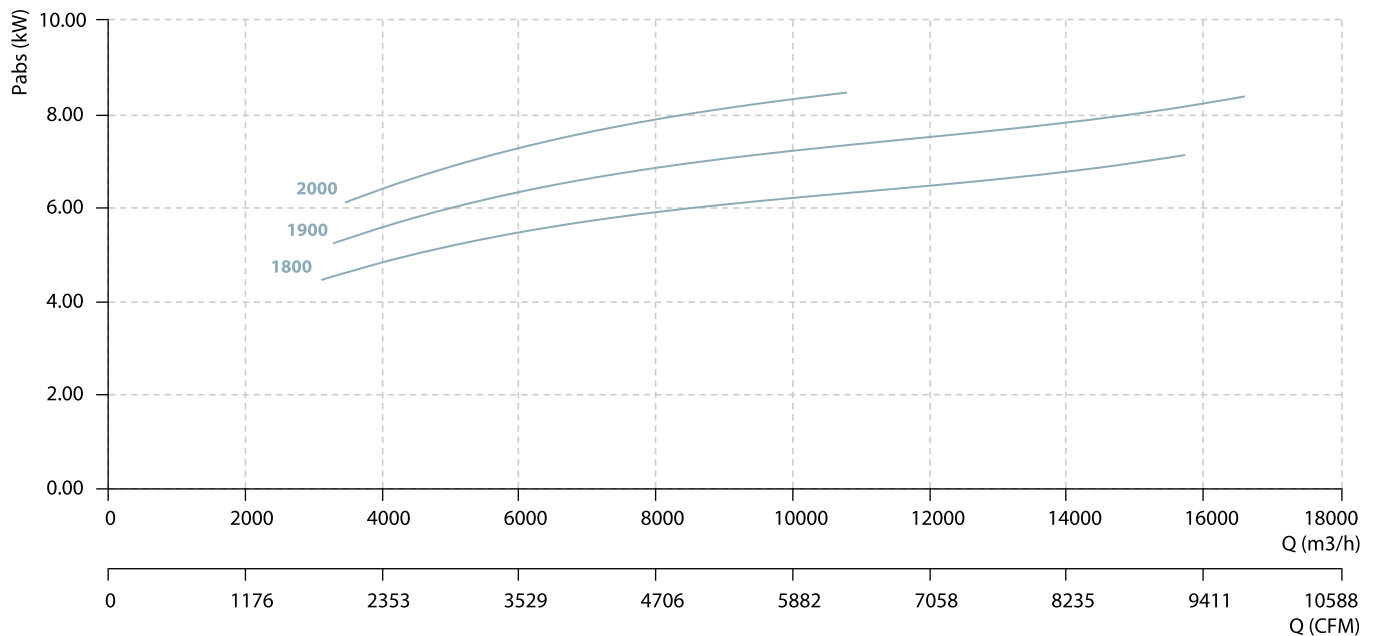


1 BOX BSTB 560 7,5KW

### AIR FLOW- PRESSURE / caudal - presión



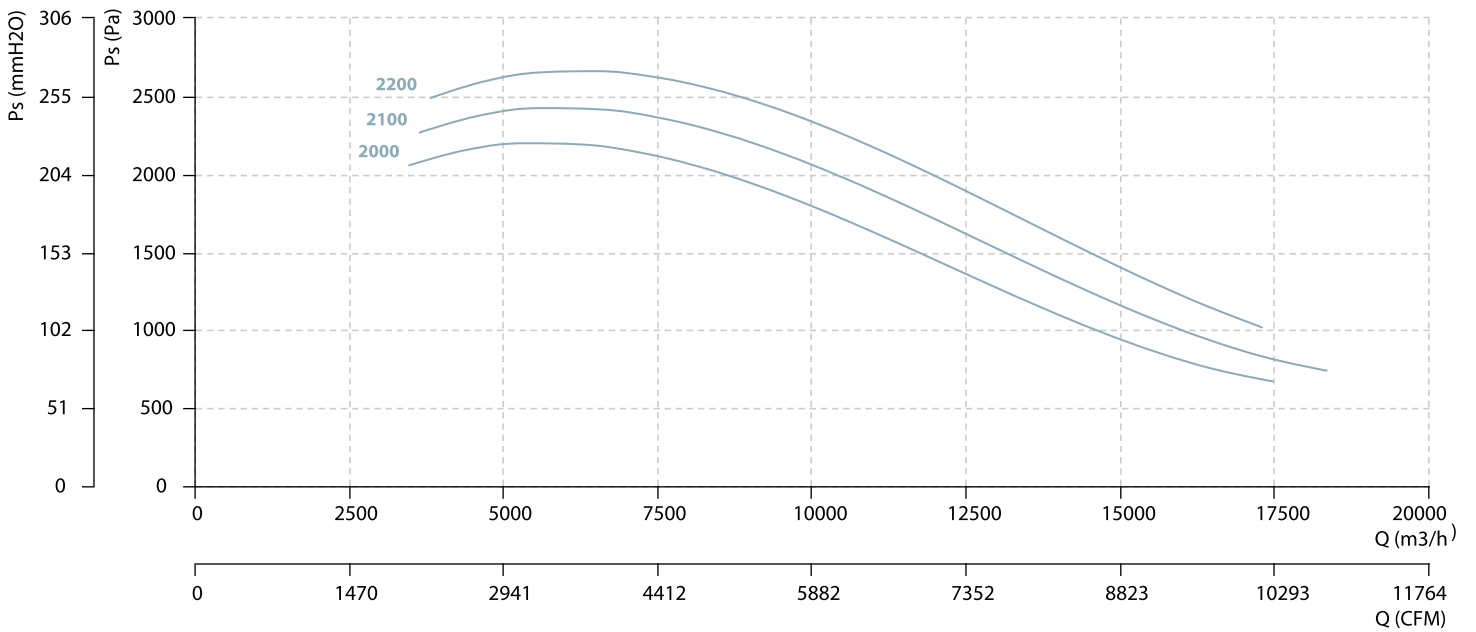
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



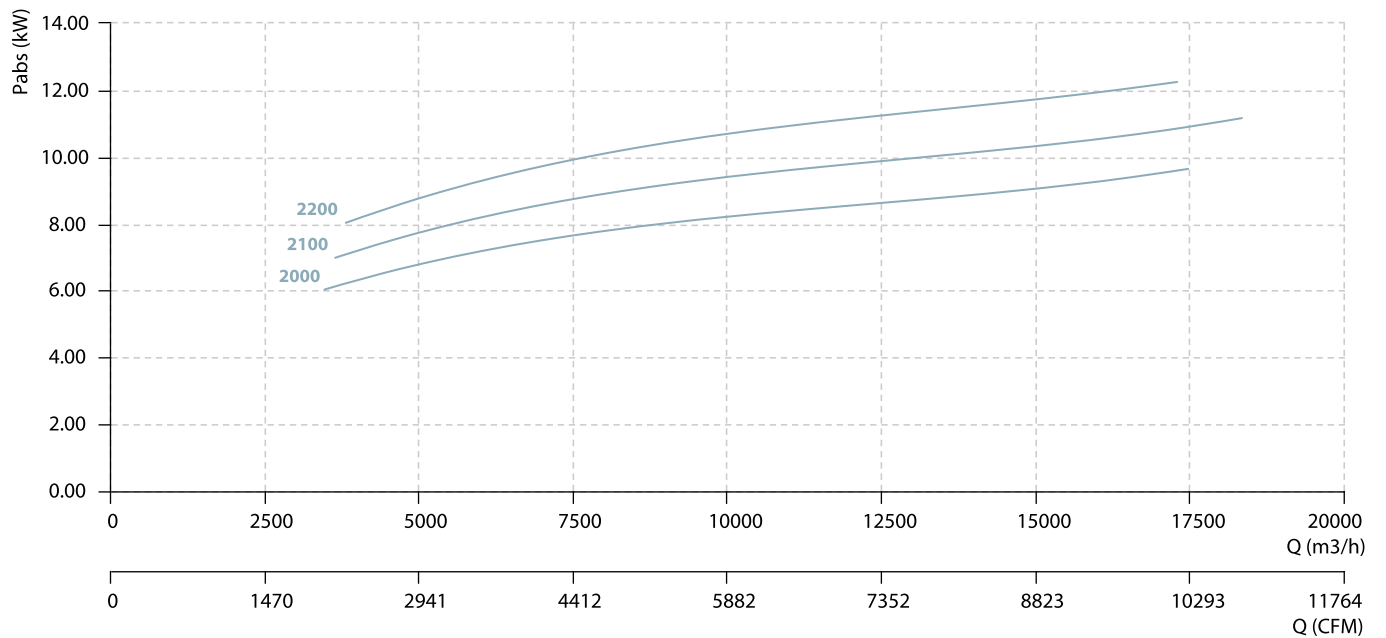


1 BOX BSTB 560 11KW

### AIR FLOW- PRESSURE / caudal - presión



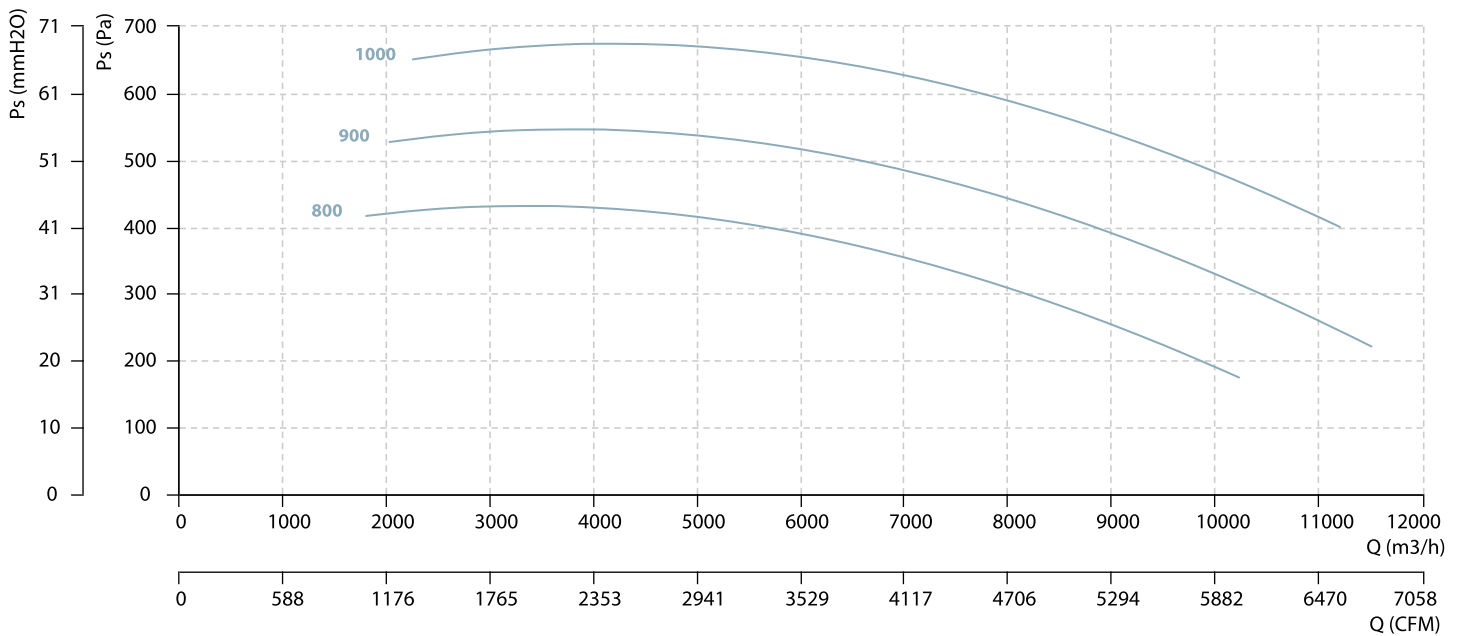
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



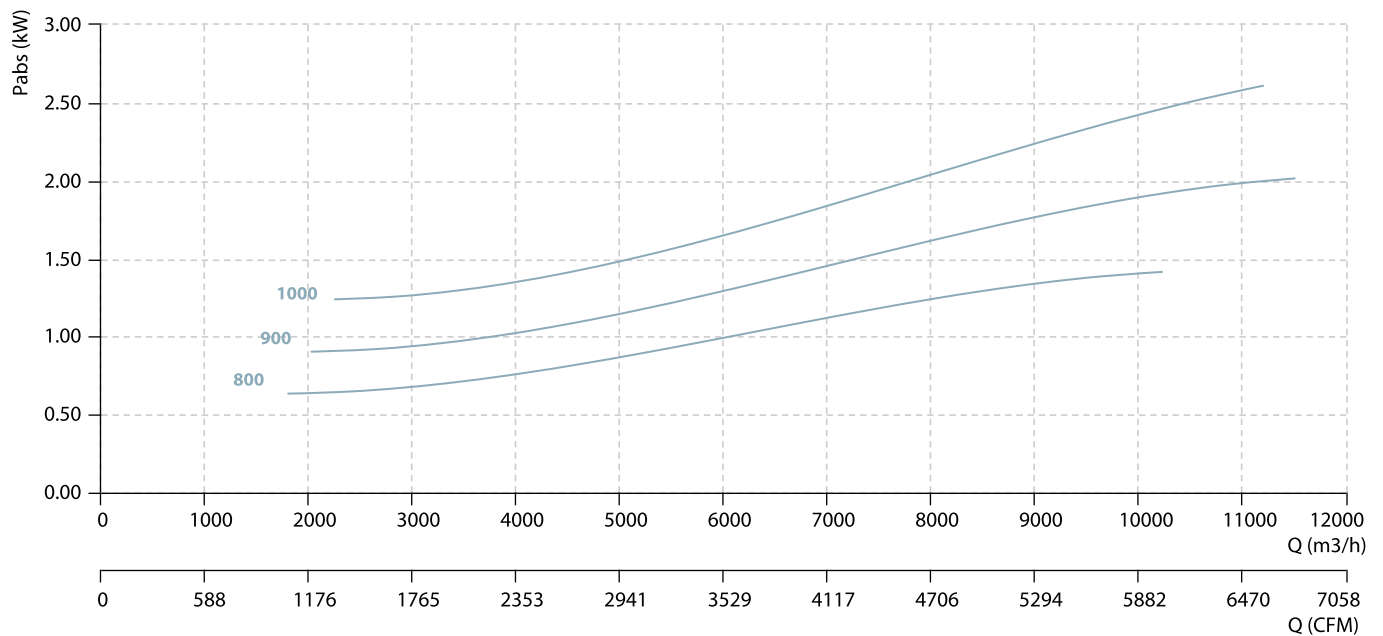


1 BOX BSTB 630 2,2KW

### AIR FLOW- PRESSURE / caudal - presión



### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

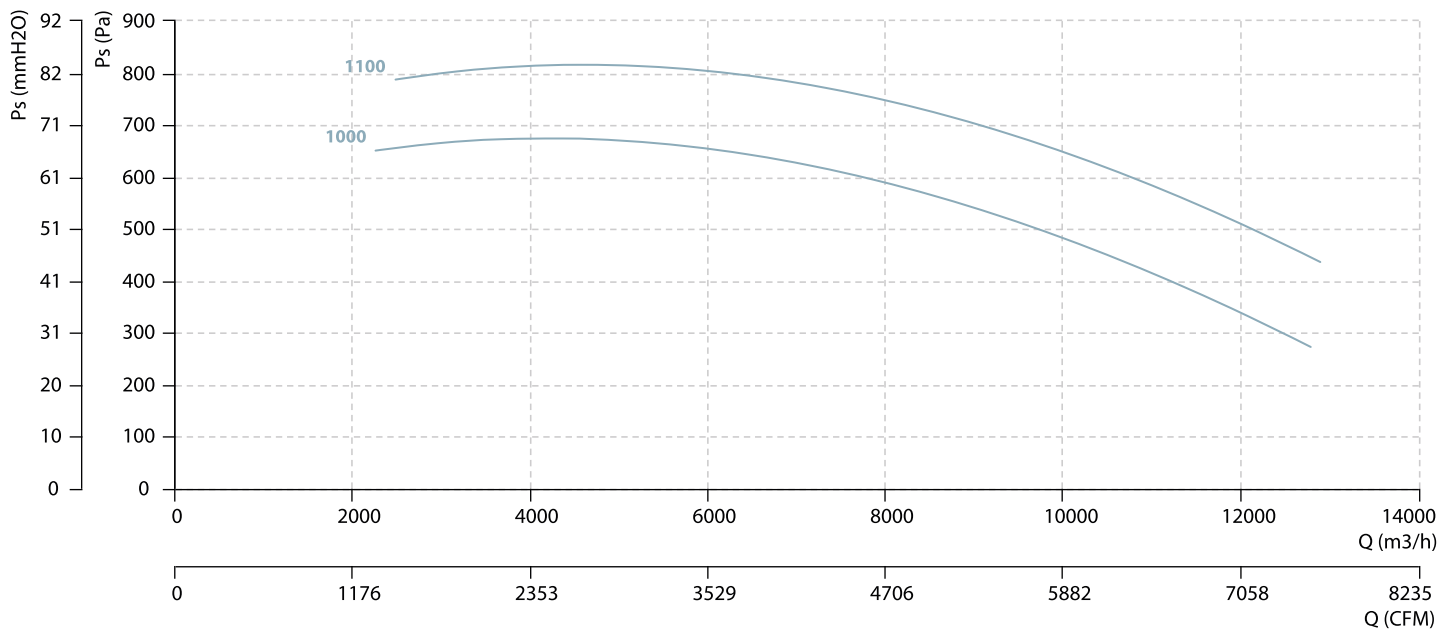




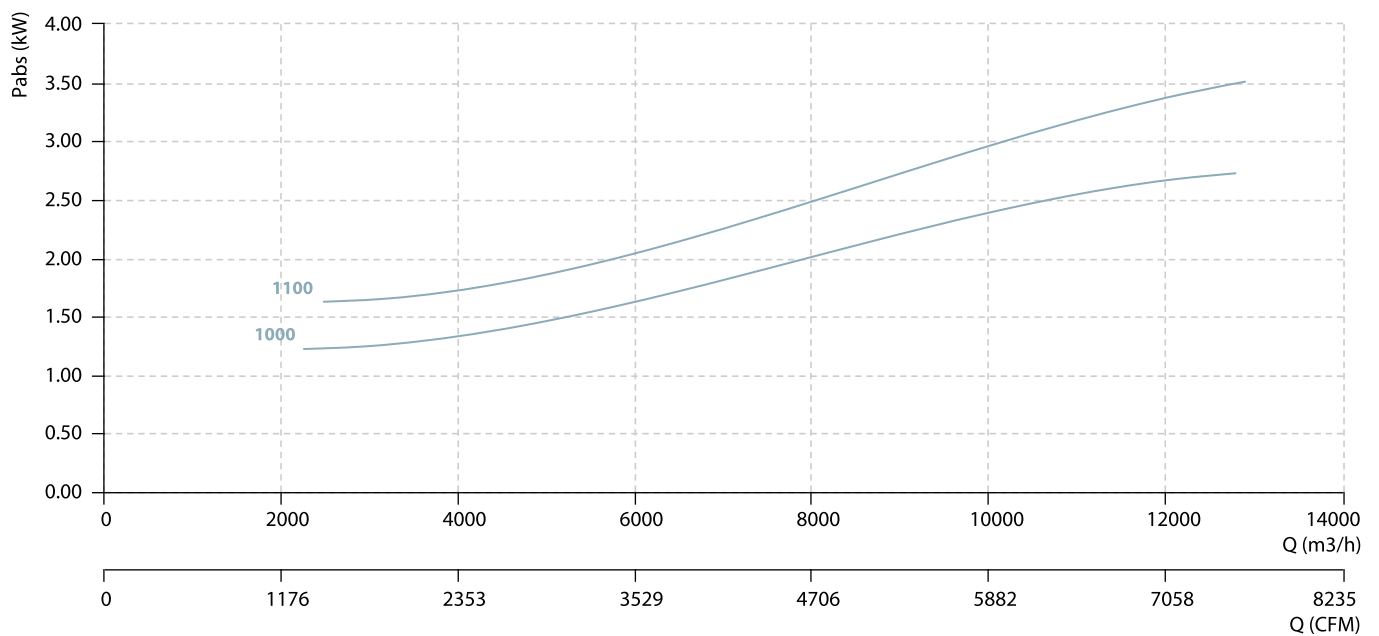


### 1 BOX BSTB 630 3KW

#### AIR FLOW- PRESSURE / caudal - presión



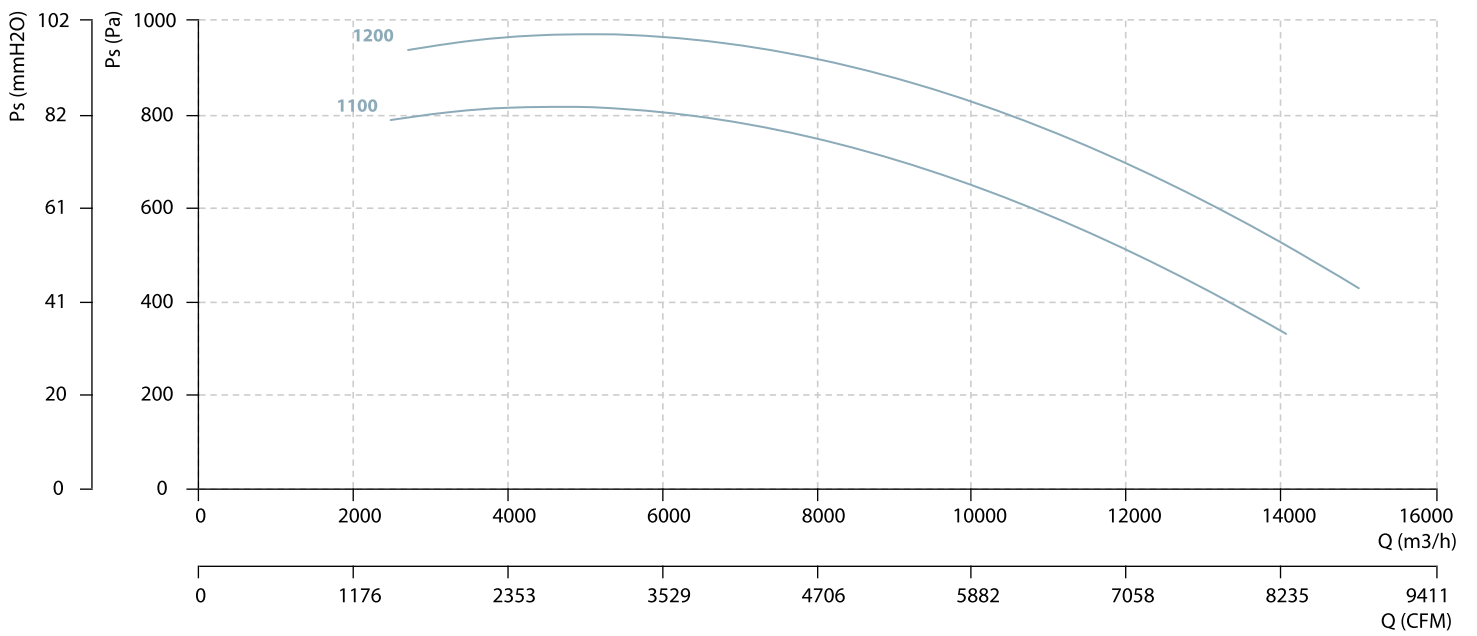
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



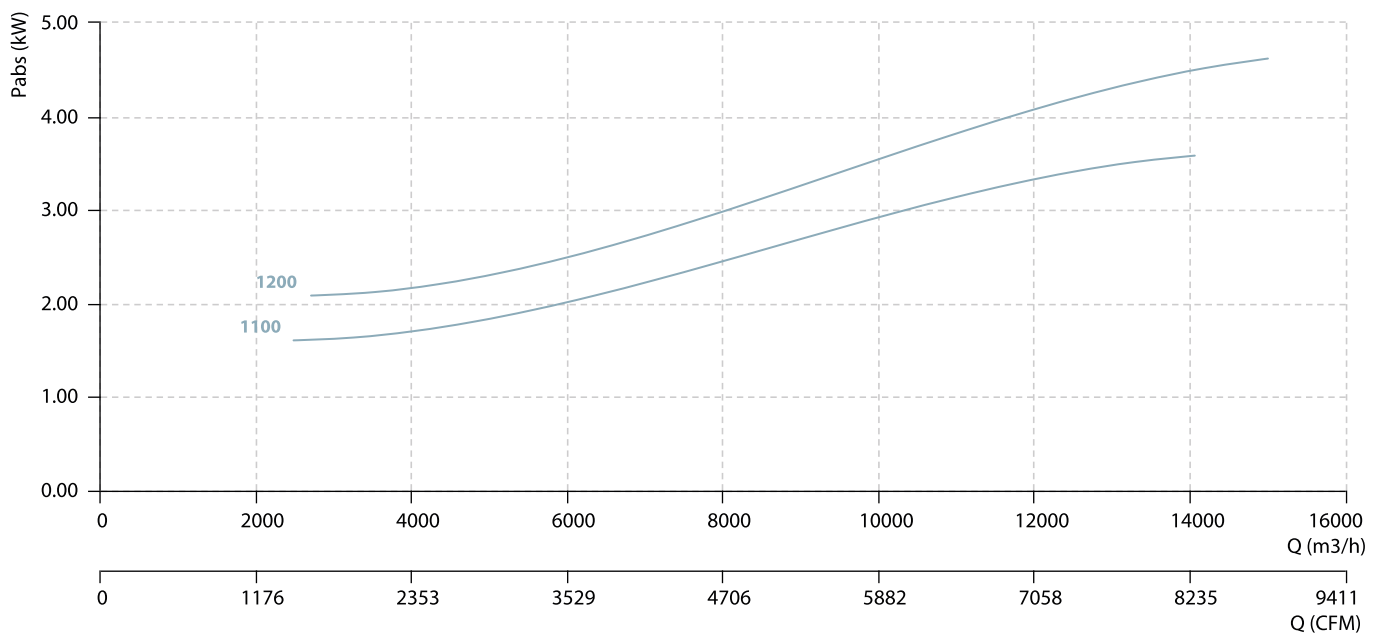


1 BOX BSTB 630 4KW

AIR FLOW- PRESSURE / caudal - presión



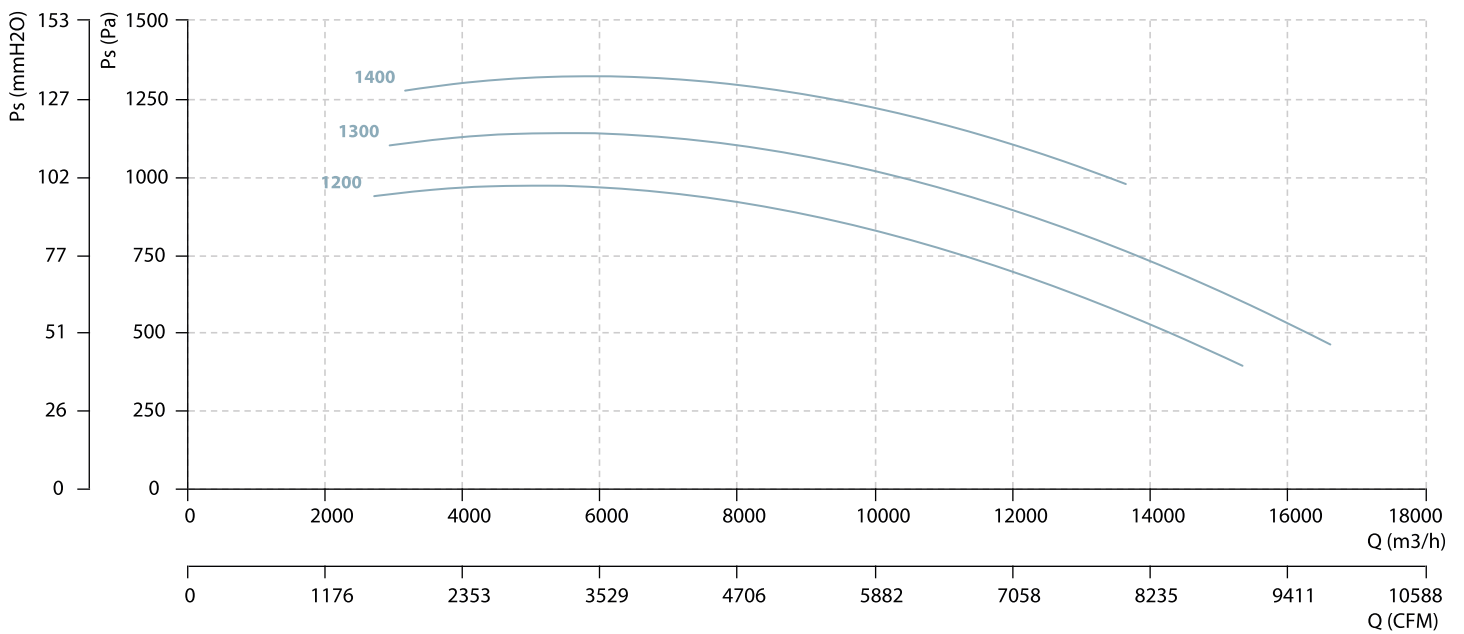
AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



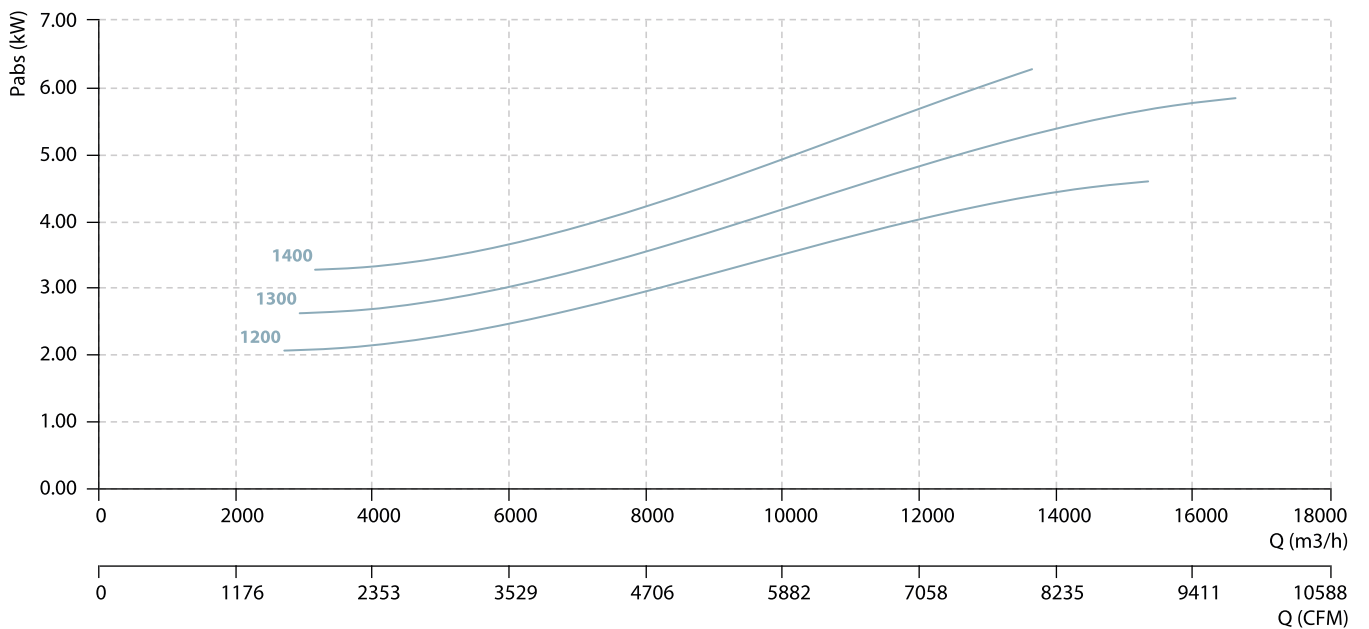


1 BOX BSTB 630 5,5KW

### AIR FLOW- PRESSURE / caudal - presión



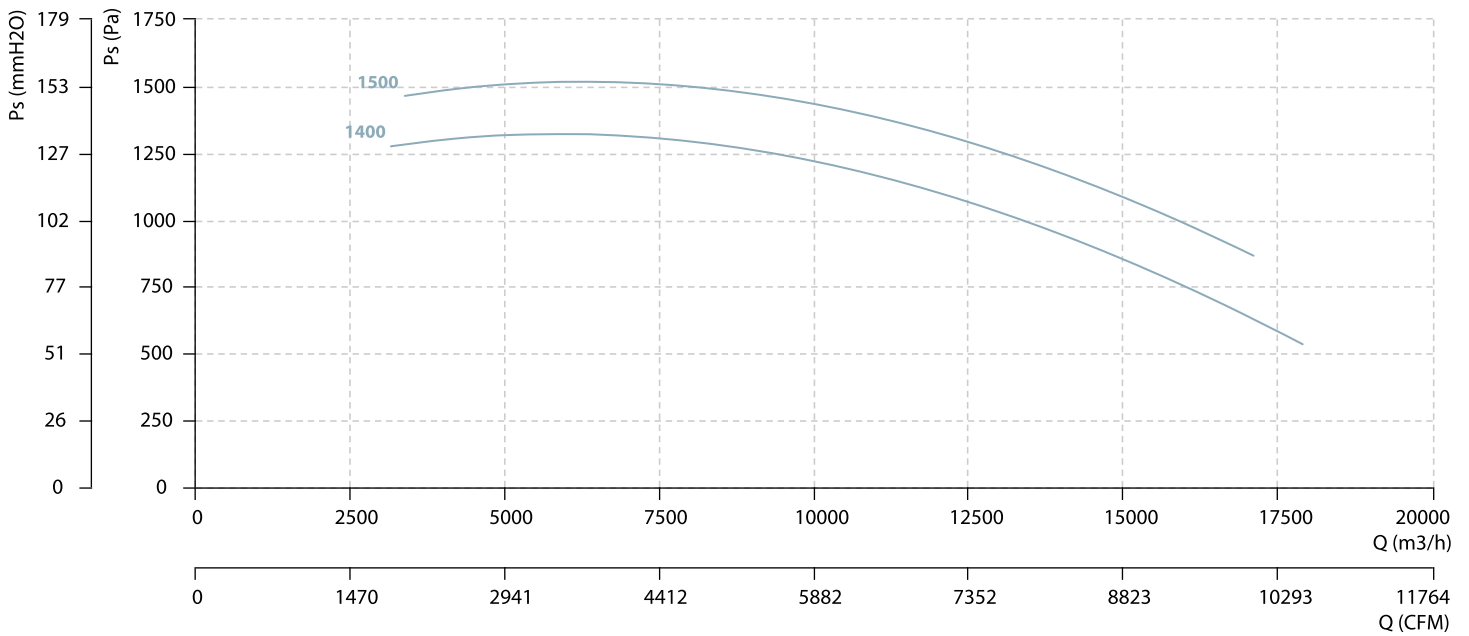
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



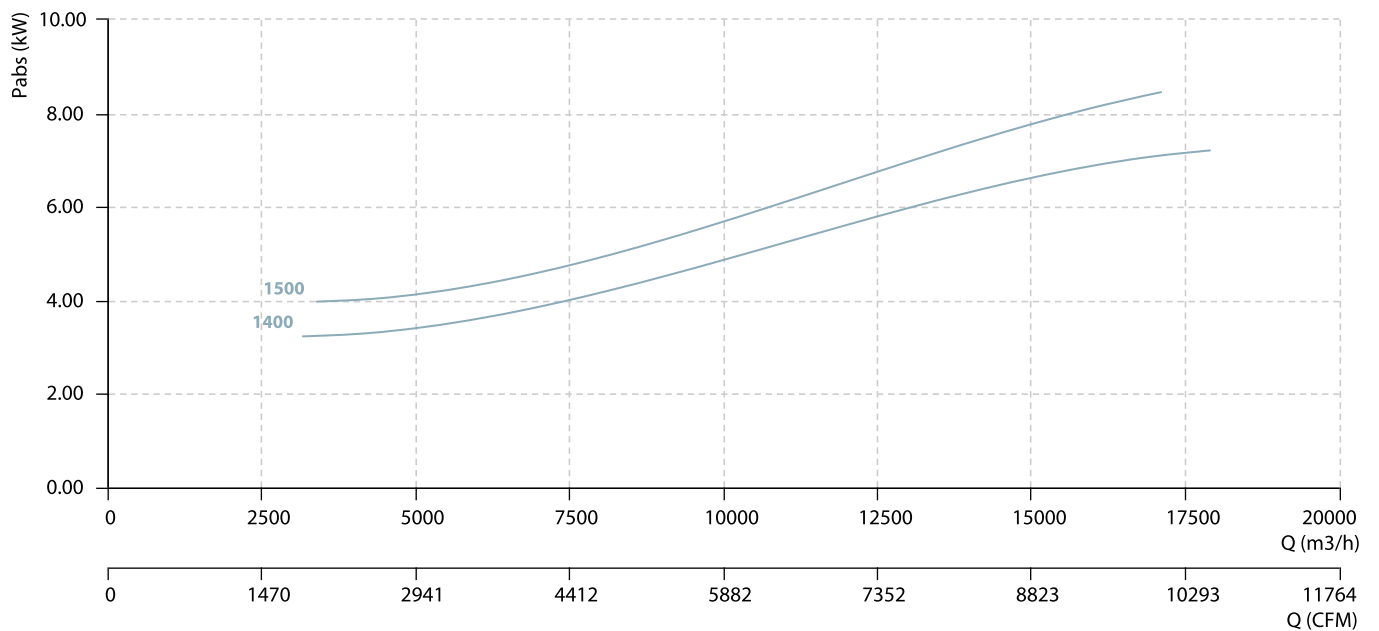


1 BOX BSTB 630 7,5KW

**AIR FLOW- PRESSURE / caudal - presión**



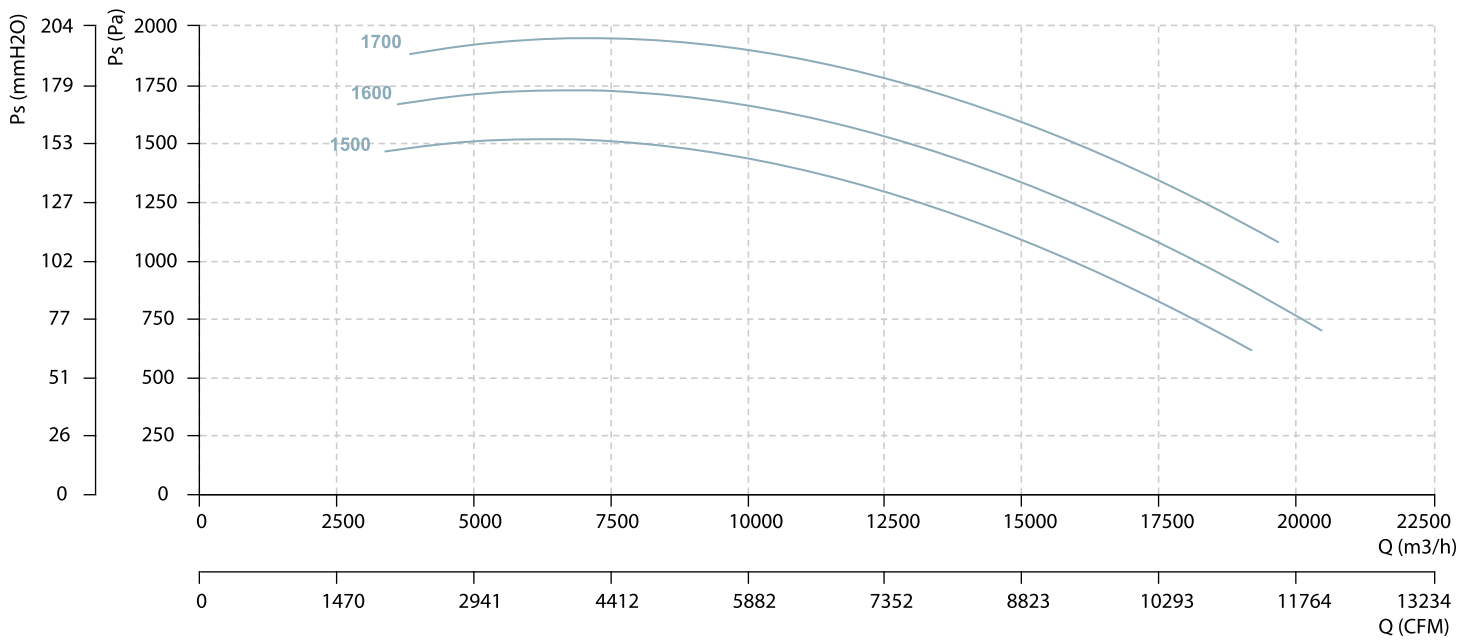
**AIR FLOW- ABSORBED POWER / caudal - potencia absorbida**



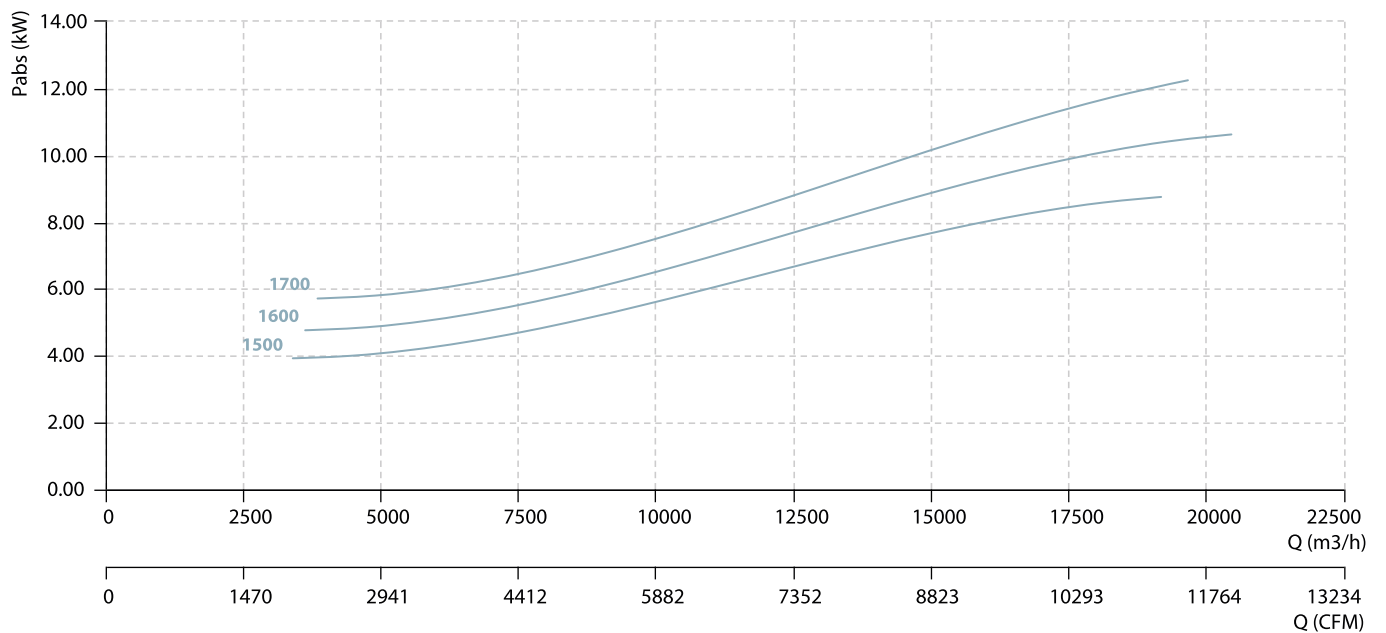


### 1 BOX BSTB 630 11KW

#### AIR FLOW- PRESSURE / caudal - presión



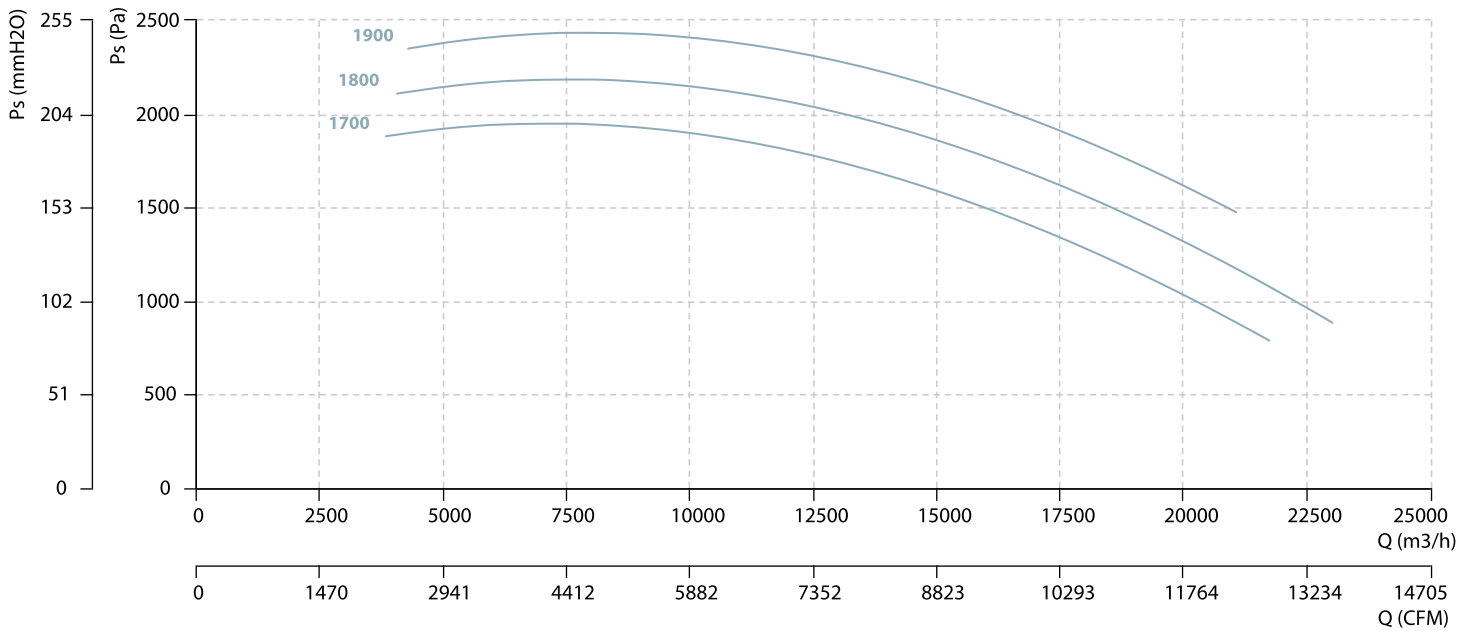
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



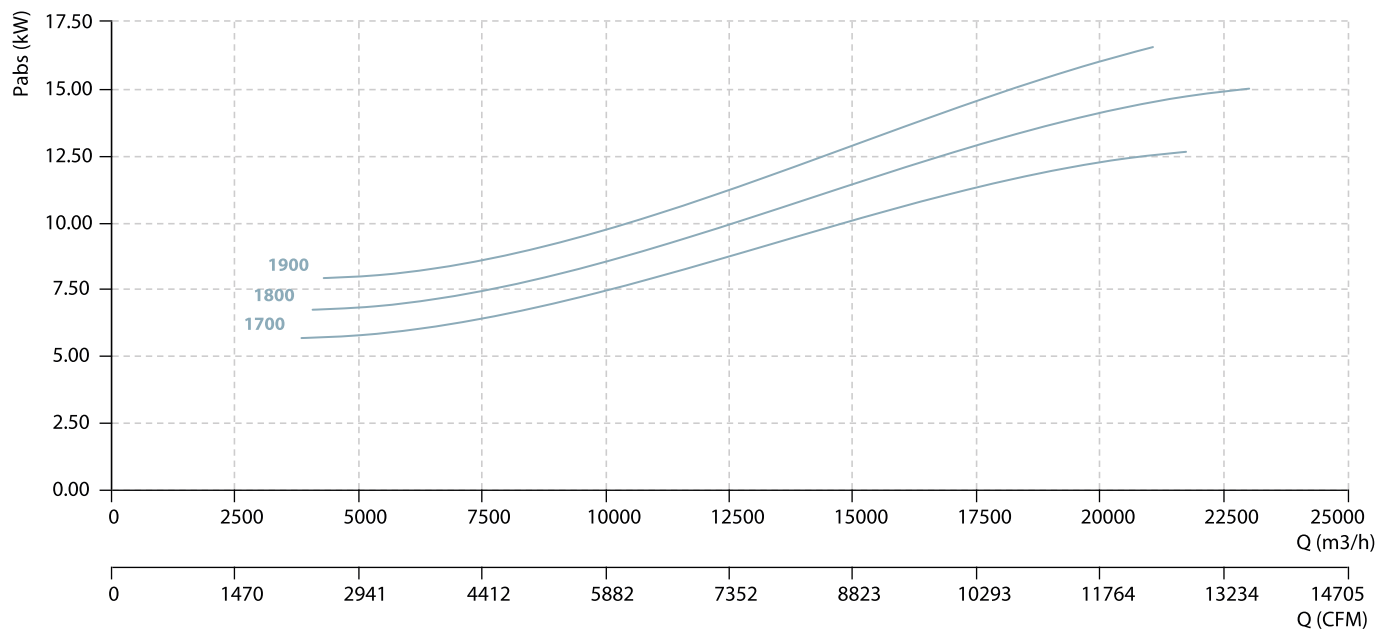


1 BOX BSTB 630 15KW

### AIR FLOW- PRESSURE / caudal - presión



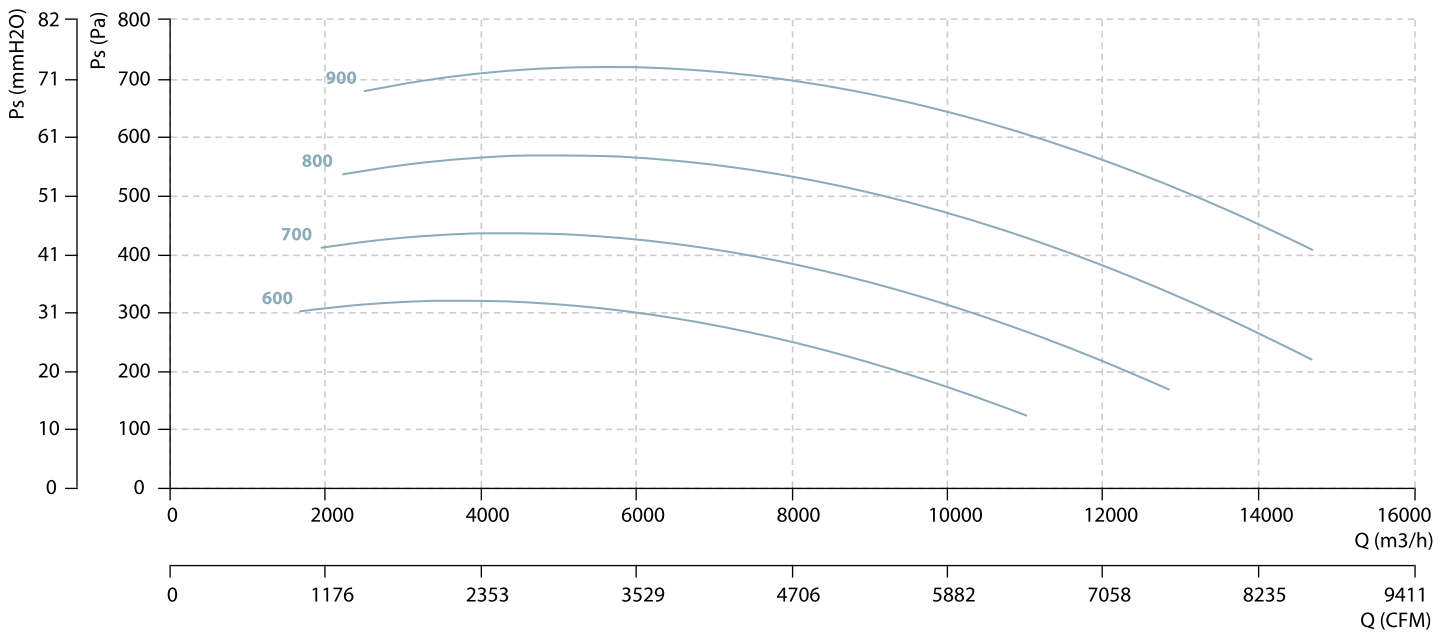
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



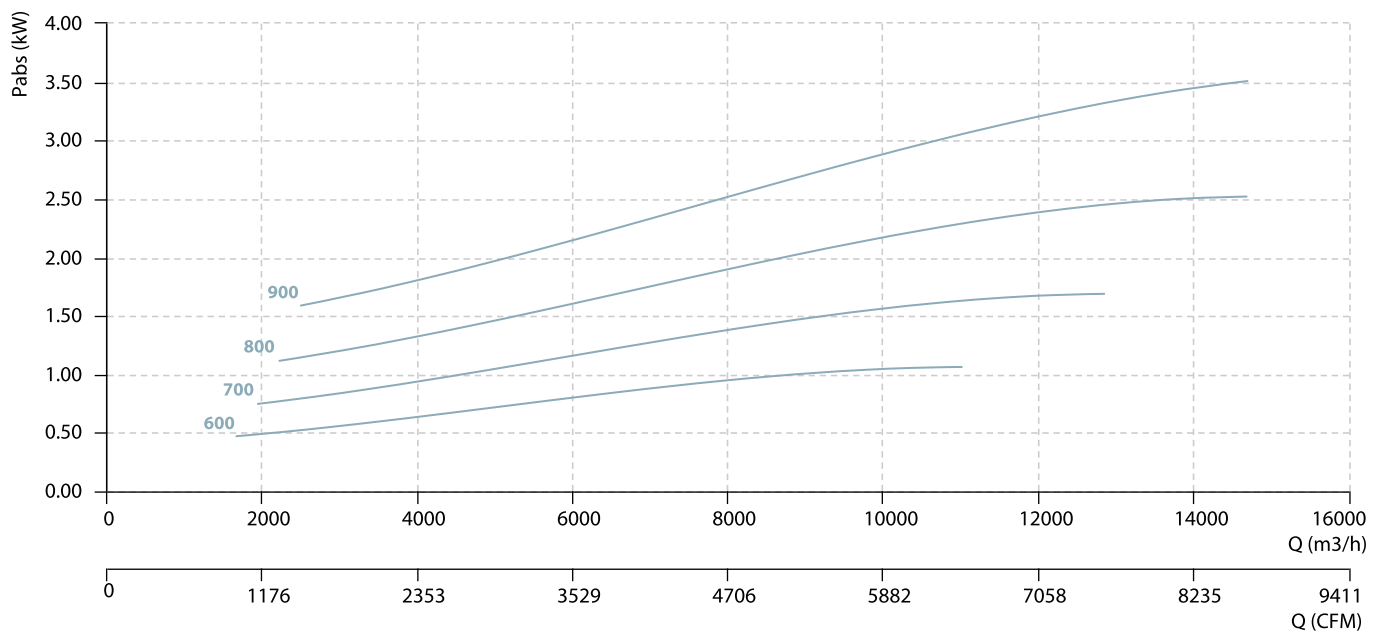


### 1 BOX BSTB 710 3KW

#### AIR FLOW- PRESSURE / caudal - presión



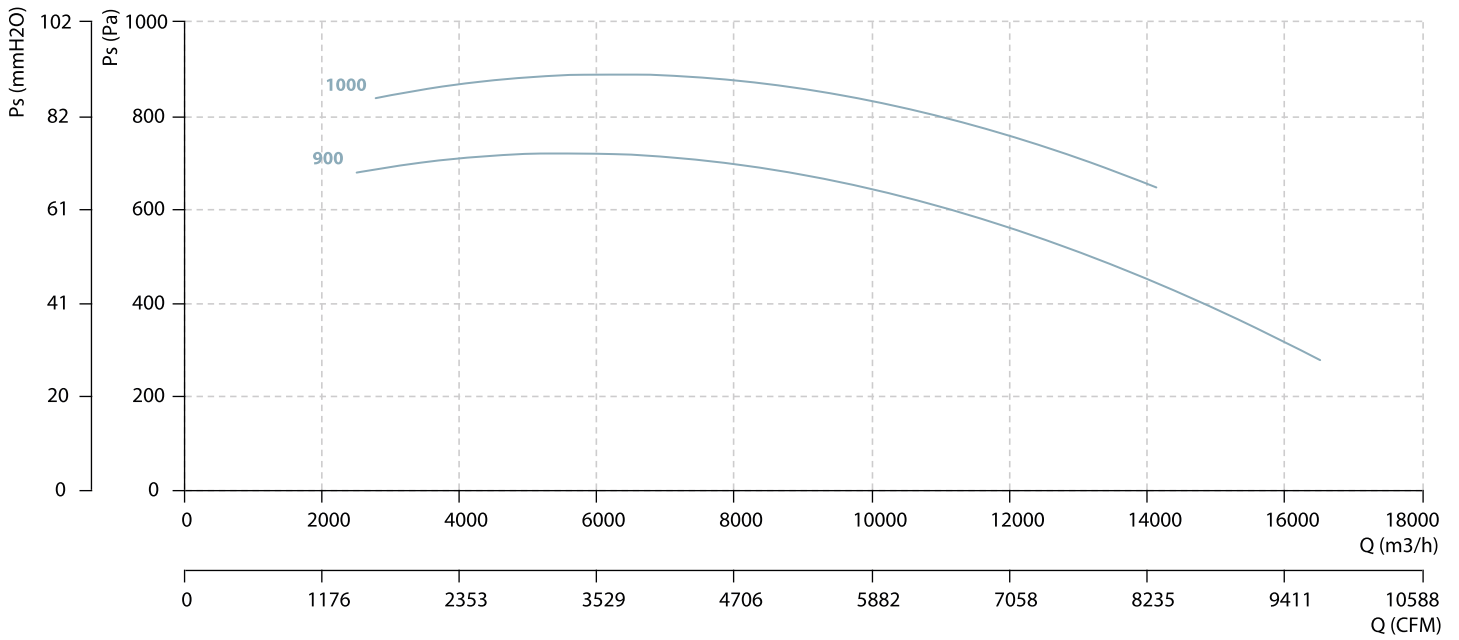
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



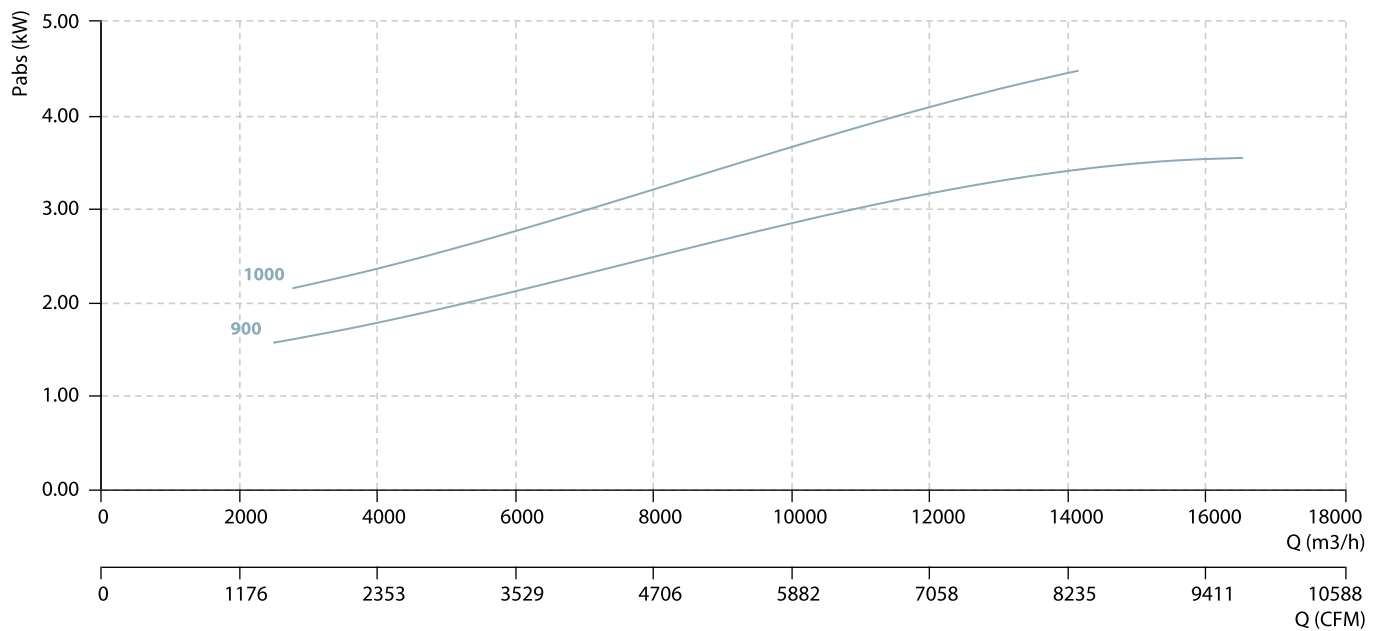


### 1 BOX BSTB 710 4KW

#### AIR FLOW- PRESSURE / caudal - presión



#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

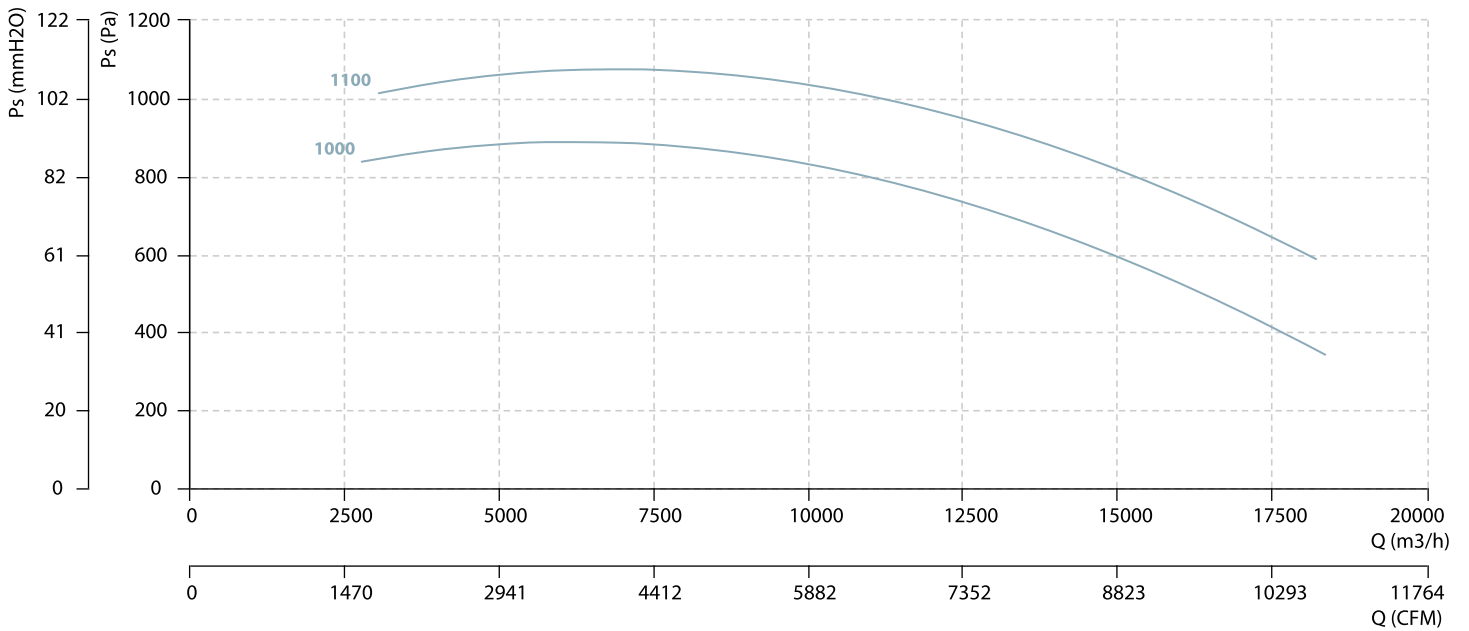




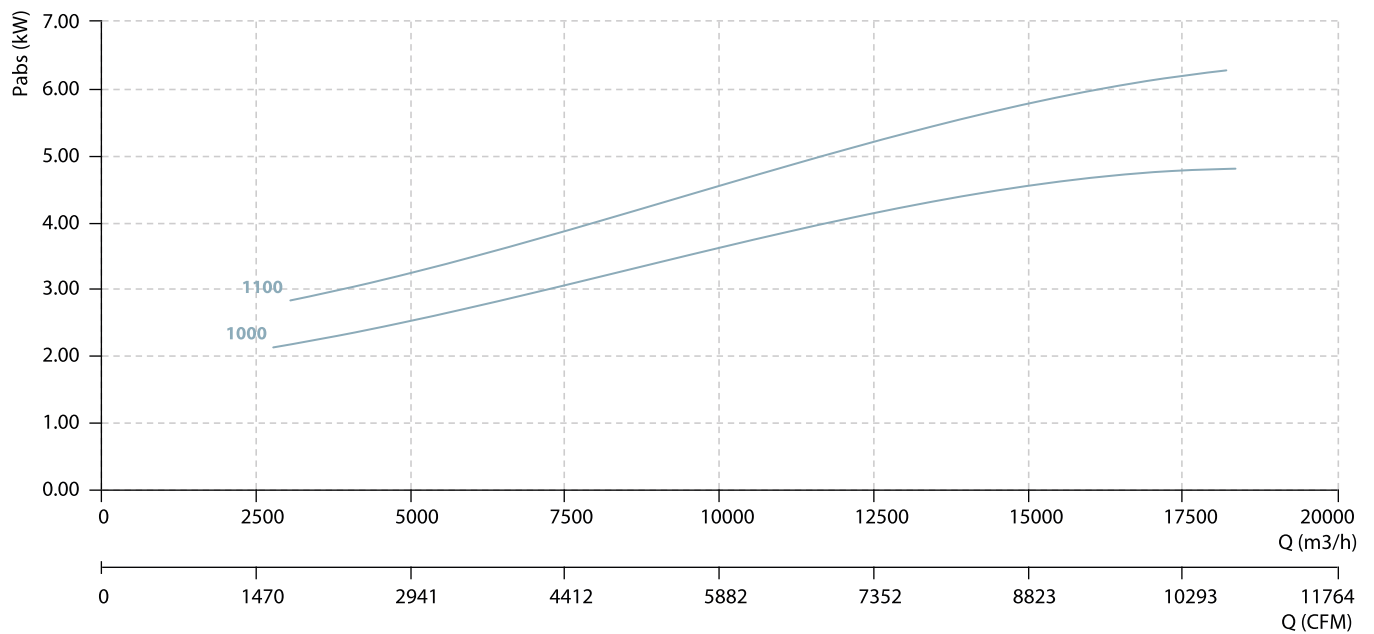


1 BOX BSTB 710 5,5KW

### AIR FLOW- PRESSURE / caudal - presión



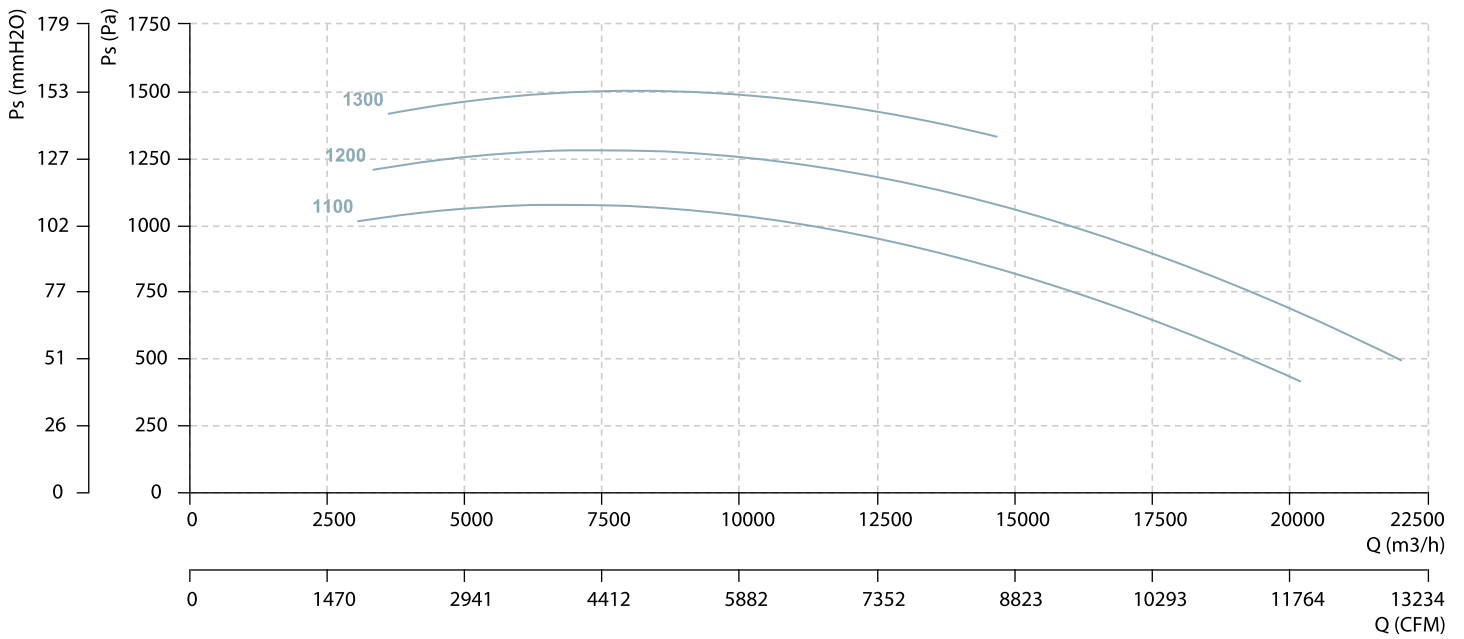
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



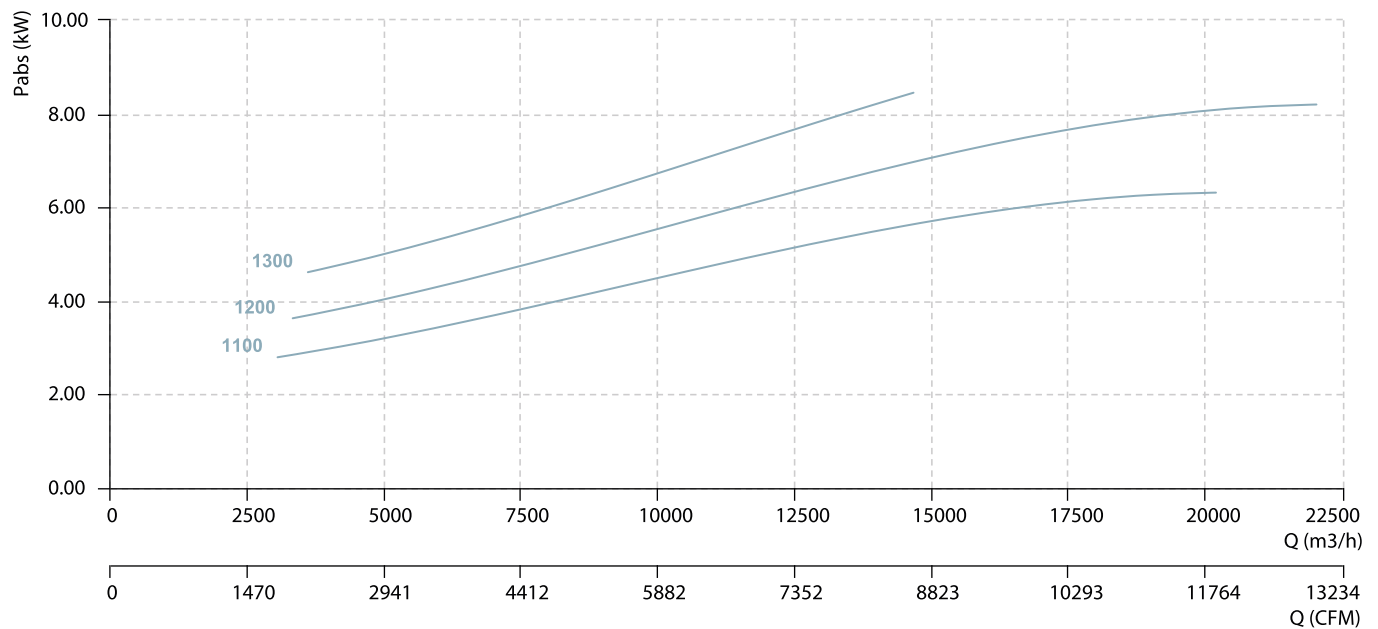


### 1 BOX BSTB 710 7,5KW

#### AIR FLOW- PRESSURE / caudal - presión



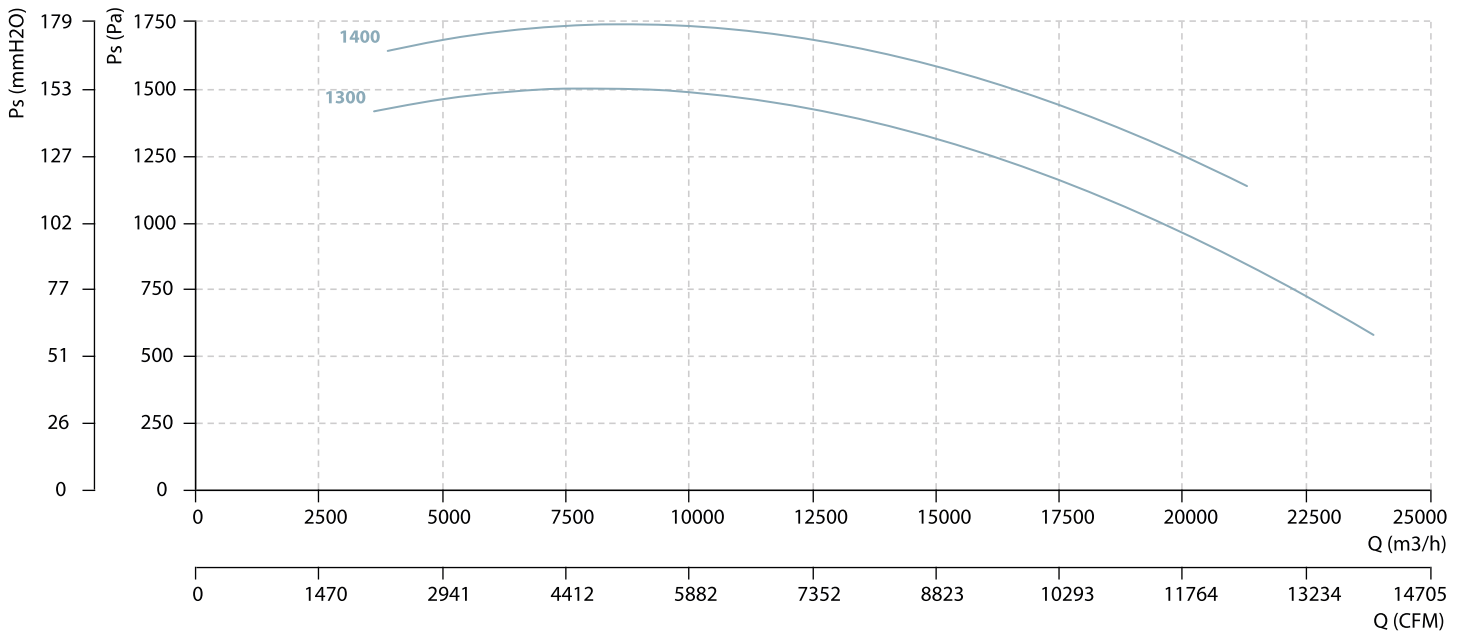
#### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



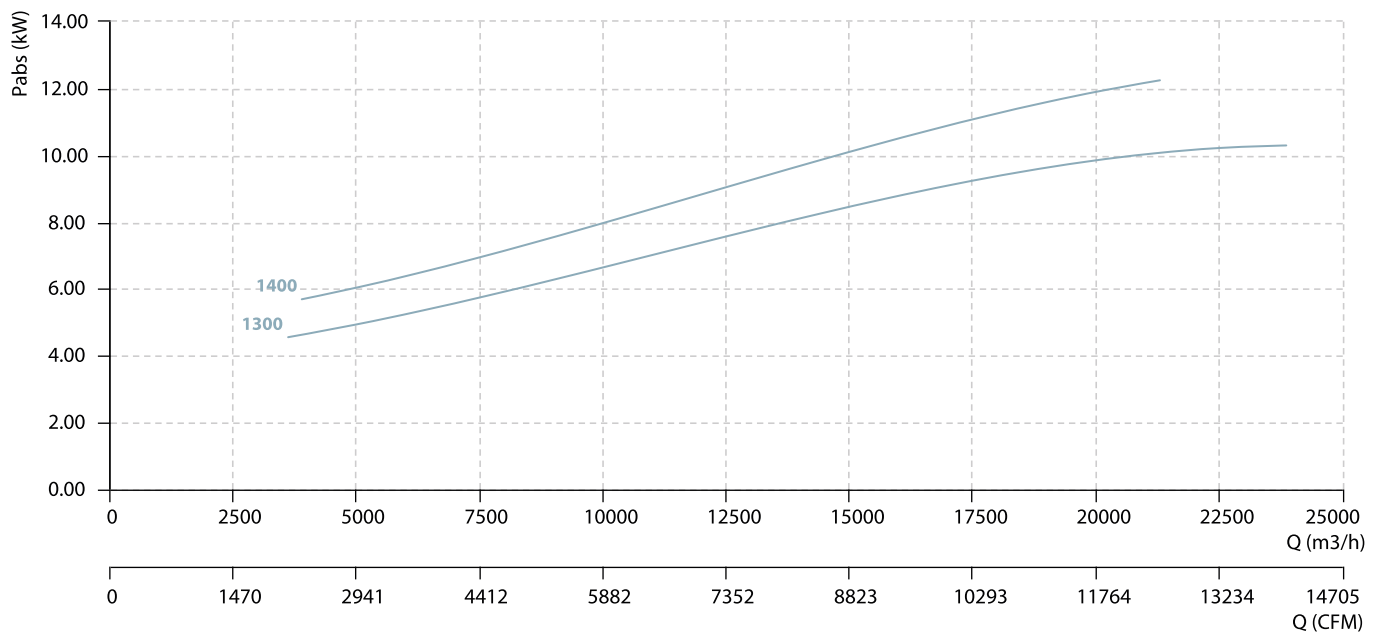


1 BOX BSTB 710 11KW

### AIR FLOW- PRESSURE / caudal - presión



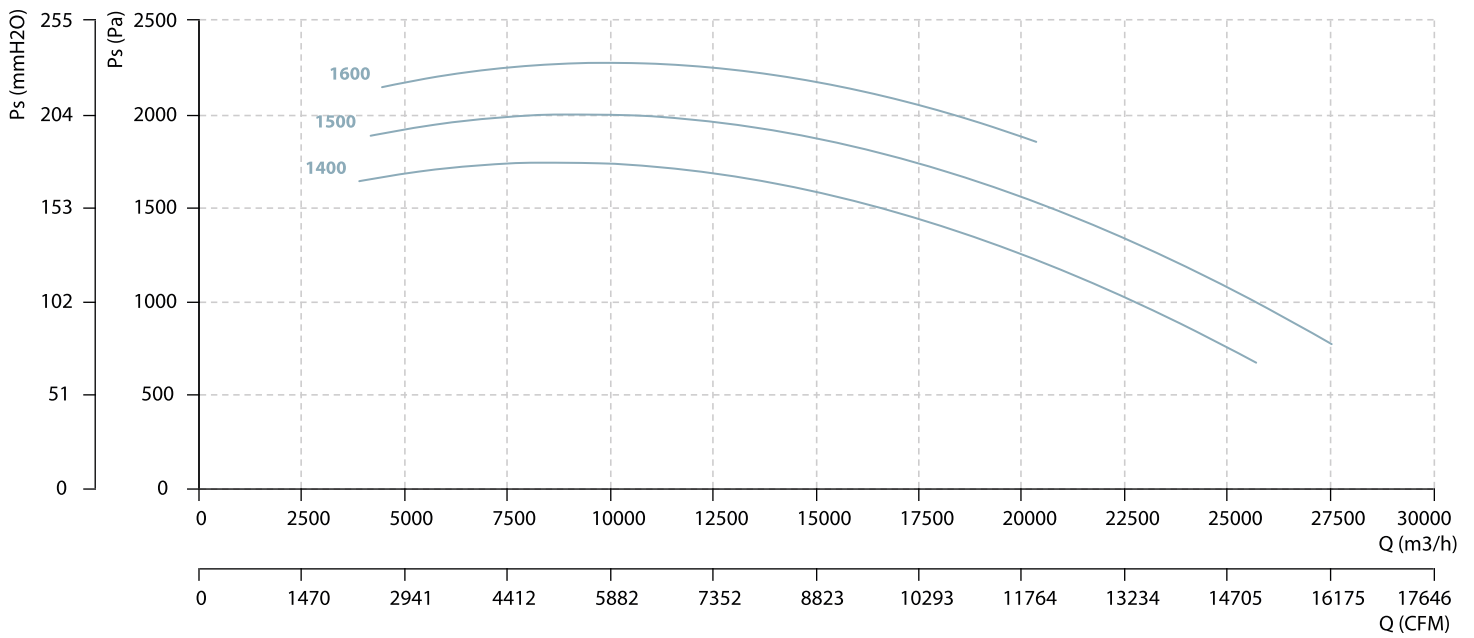
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida



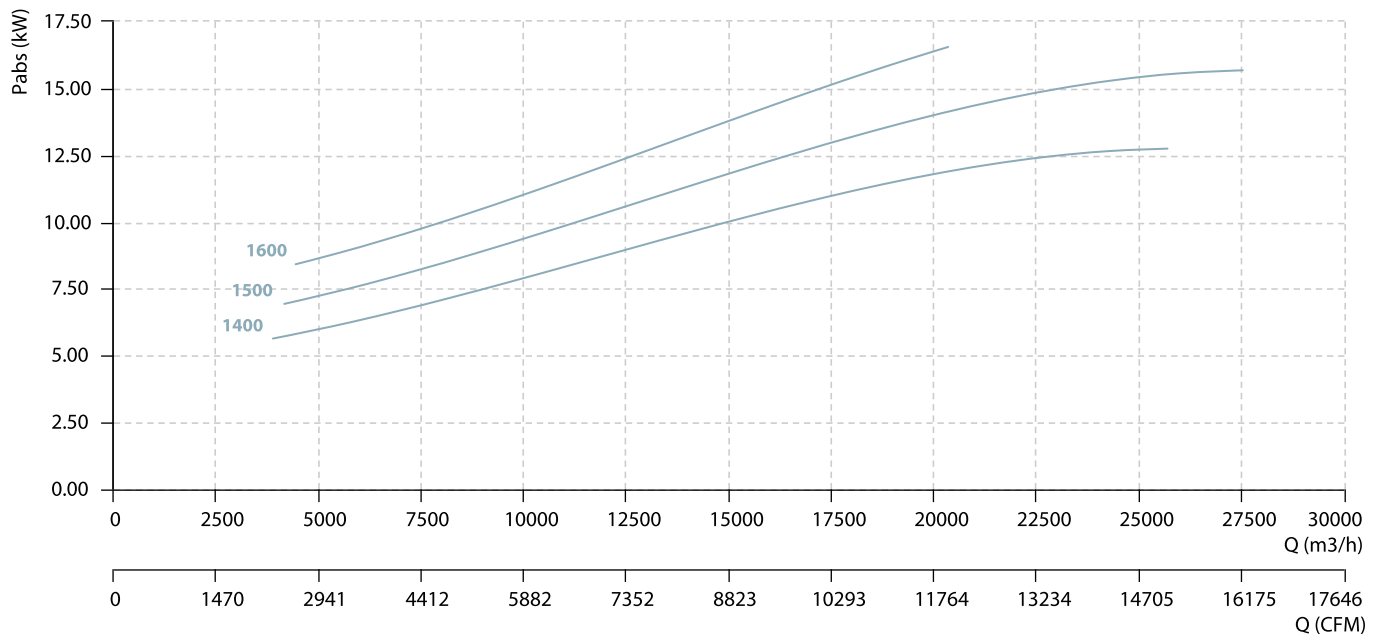


1 BOX BSTB 710 15KW

### AIR FLOW- PRESSURE / caudal - presión



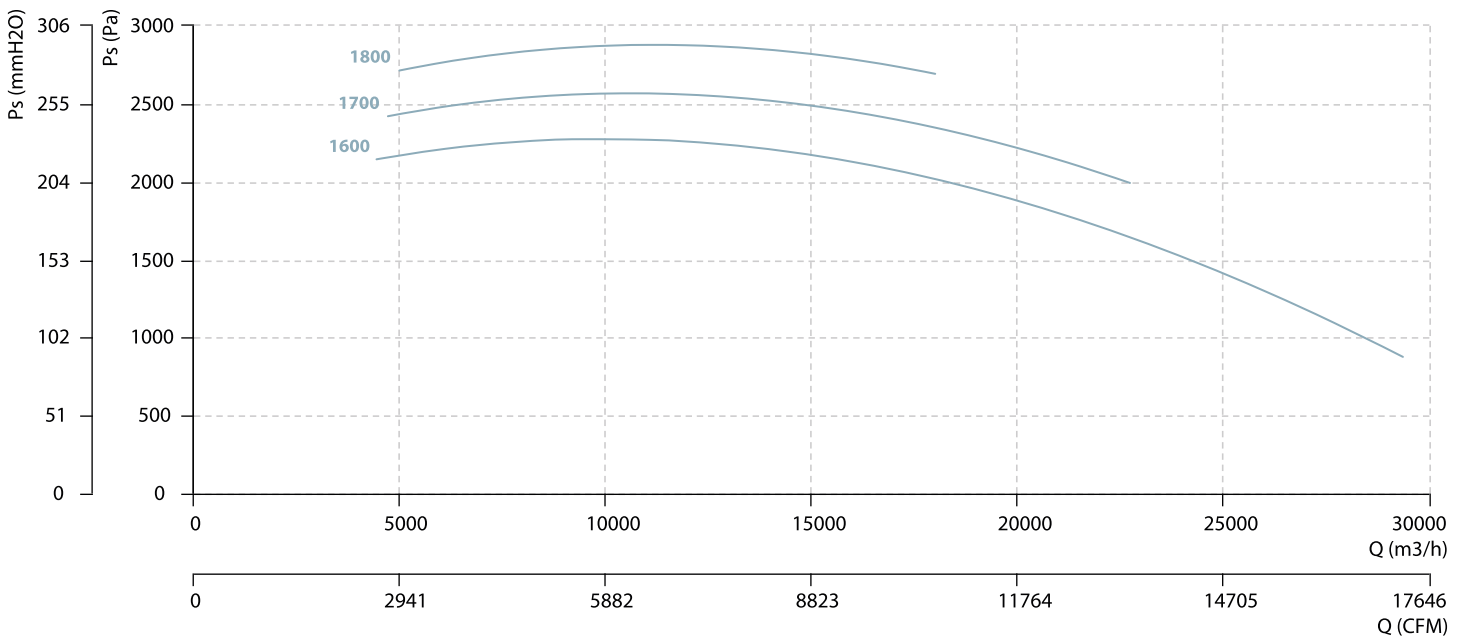
### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida





1 BOX BSTB 710 18,5KW

### AIR FLOW- PRESSURE / caudal - presión



### AIR FLOW- ABSORBED POWER / caudal - potencia absorbida

