

BOX BV



BELT DRIVEN CENTRIFUGAL IN SOUNDPROOF CABINET

MANUFACTURING FEATURES:

- Impellers made of polyamide reinforced with fiberglass up to size 12/12 (33/33). The rest of models are made of galvanized steel sheet.
- BV, BVC, BVCR range fans assembles in soundproof cabinets with thermo-acoustic insulation, Bs1d0 fire class.
- Fan assembled on antivibration mountings.
- Supplied with motor, pulleys and belts.
- Connection gland included.
- Squirrel cage asynchronous standard motor, IP-55 protection and rated class F insulation. Standard voltages 230/400V 50Hz for three phase motors up to 4kW and 400/690V 50Hz for higher powers.

Accessories



BAC



FILTRO
EMC



INT



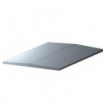
PI



SFC



TCA



TEJ



TIAC



VIS

APPLICATIONS:

Designed for inline installation, indoor or outdoor assembly, they are suitable for:

- Air renewal in buildings and industries.
- Industrial and professional kitchen hoods.
- Maximum working temperature: 60°C.

UNDER REQUEST:

- 60Hz fans and special voltages.
- 2 SPEED MOTORS.
- Impellers made of galvanised steel sheet.
- LG0 position.

Technical data

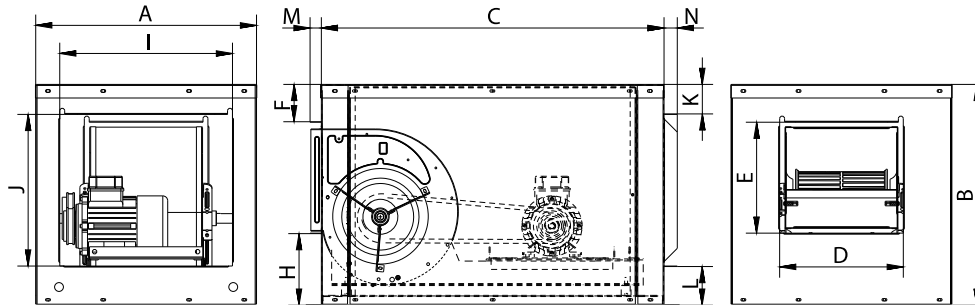
Three-phase motor

Code	Model	R.P.M.	Rated I. (A) 400V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
252090152R__	BOX BV 7/7 0,37kW	1650	1,07	0,37	1.900	46	39	1
252090153R__	BOX BV 7/7 0,55kW	1650	1,49	0,55	2.350	46	41	1
252090154R__	BOX BV 7/7 0,75kW	1800	1,63	0,75	2.610	48	42,50	1
252180150R__	BOX BV 9/9 0,37kW	1200	1,07	0,37	2.950	46	51,50	1
252180151R__	BOX BV 9/9 0,55kW	1250	1,49	0,55	3.300	46	54,50	1
252180152R__	BOX BV 9/9 0,75kW	1400	1,63	0,75	3.580	49	56	1
252180153R__	BOX BV 9/9 1,1kW	1650	2,49	1,10	3.800	52	59	1
252210150R__	BOX BV 10/10 0,37kW	1000	1,07	0,37	3.120	45	55	1
252210151R__	BOX BV 10/10 0,55kW	1000	1,49	0,55	3.830	45	57	1
252210152R__	BOX BV 10/10 0,75kW	1150	1,63	0,75	4.220	48	58,50	1
252210153R__	BOX BV 10/10 1,1kW	1250	2,49	1,10	4.700	50	61,30	1
252210154R__	BOX BV 10/10 1,5kW	1400	3,26	1,50	5.250	53	64,60	1
252300150R__	BOX BV 12/12 0,37kW	700	1,07	0,37	4.500	45	69	1
252300151R__	BOX BV 12/12 0,55kW	700	1,49	0,55	5.100	45	71	1
252300152R__	BOX BV 12/12 0,75kW	800	1,63	0,75	5.700	48	70	1
252300153R__	BOX BV 12/12 1,1kW	900	2,49	1,10	6.480	50	73	1
252300154R__	BOX BV 12/12 1,5kW	1000	3,26	1,50	7.280	53	78,60	1
252300155R__	BOX BV 12/12 2,2kW	1150	4,64	2,20	8.030	56	79	1
252370150R__	BOX BV 15/15 0,55kW	600	1,49	0,55	6.400	44	85	1
252370151R__	BOX BV 15/15 0,75kW	650	1,63	0,75	6.910	44	86,40	1
252370152R__	BOX BV 15/15 1,1kW	700	2,49	1,10	8.000	46	89,30	1
252370153R__	BOX BV 15/15 1,5kW	800	3,26	1,50	8.820	49	92,60	1
252370154R__	BOX BV 15/15 2,2kW	900	4,64	2,20	10.070	51	101	1
252370155R__	BOX BV 15/15 3kW	1000	6,17	3	11.200	55	103	1
252370156R__	BOX BV 15/15 4kW	1100	8,32	4	11.740	56	108	1
252450150R__	BOX BV 18/18 1,1kW	500	2,49	1,10	9.620	40	122	1
252450151R__	BOX BV 18/18 1,5kW	550	3,26	1,50	10.370	42	125,30	1
252450152R__	BOX BV 18/18 2,2kW	600	4,64	2,20	11.980	44	133,70	1
252450153R__	BOX BV 18/18 3kW	700	6,17	3	13.620	47	135,70	1
252450154R__	BOX BV 18/18 4kW	750	8,32	4	14.590	48	141	1
252450155R__	BOX BV 18/18 5,5kW	800	10,5	5,50	16.540	50	154,50	1
252551150R__	BOX BV 20/20 1,5kW	400	3,26	1,50	12.400	40	222	1
252551151R__	BOX BV 20/20 2,2kW	500	4,64	2,20	14.790	46	230,50	1
252551152R__	BOX BV 20/20 3kW	500	6,17	3	16.260	46	232,50	1
252551153R__	BOX BV 20/20 4kW	600	8,32	4	17.660	50	237,50	1

Code	Model	R.P.M.	Rated I. (A) 400V	Rated power kW	Max. Airflow m3/h	Sound db (A)*	Weight	Connect. diagram
252551154R__	BOX BV 20/20 5,5kW	650	10,5	5,50	19.220	52	251,50	1
252551155R__	BOX BV 20/20 7,5kW	700	14,1	7,50	21.500	53	251,50	1
252651150R__	BOX BV 22/22 1,5kW	400	3,26	1,50	13.970	42	250	1
252651151R__	BOX BV 22/22 2,2kW	400	4,64	2,20	16.800	42	257	1
252651152R__	BOX BV 22/22 3kW	450	6,17	3	19.000	45	261	1
252651153R__	BOX BV 22/22 4kW	500	8,32	4	22.000	47	265	1
252651154R__	BOX BV 22/22 5,5kW	550	10,5	5,50	23.100	50	279	1
252651155R__	BOX BV 22/22 7,5kW	600	14,1	7,50	25.910	52	290	1
252651156R__	BOX BV 22/22 11kW	700	21,2	11	29.500	55	316	1
252751150R__	BOX BV 25/25 2,2kW	350	4,64	2,20	20.000	42	297	1
252751151R__	BOX BV 25/25 3kW	400	6,17	3	22.000	45	299	1
252751152R__	BOX BV 25/25 4kW	450	8,32	4	24.000	48	304	1
252751153R__	BOX BV 25/25 5,5kW	450	10,5	5,50	27.000	48	318	1
252751154R__	BOX BV 25/25 7,5kW	550	14,1	7,50	31.000	52	329	1
252751155R__	BOX BV 25/25 11kW	600	21,2	11	36.000	54	349	1
252951150R__	BOX BV 30/28 2,2kW	250	4,64	2,20	28.000	36	380	1
252951151R__	BOX BV 30/28 3kW	300	6,17	3	29.000	41	382	1
252951152R__	BOX BV 30/28 4kW	300	8,32	4	33.330	41	387	1
252951153R__	BOX BV 30/28 5,5kW	350	10,5	5,50	38.890	44	402	1
252951154R__	BOX BV 30/28 7,5kW	400	14,1	7,50	40.000	47	415	1
252951155R__	BOX BV 30/28 11kW	400	21,2	11	44.500	47	426	1
252951156R__	BOX BV 30/28 15kW	450	29,8	15	54.000	50	449	1

Notes:
 * Total sound pressure level at the point of maximum flow measured in dB(A) in the suction measured in free field at a distance of 6m from the source

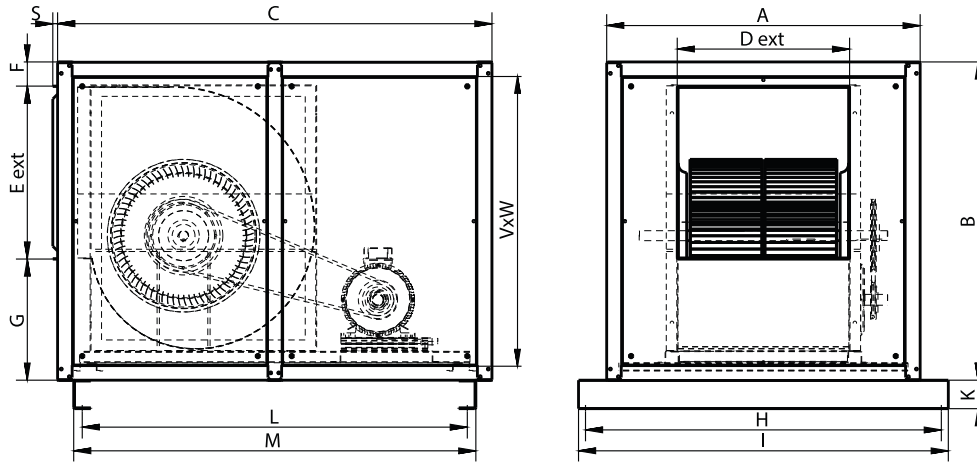
Dimensions



Model	A	B	C	D	E	F	H	I	J
BOX BV 7/7 0,37kW	450	450	698	252	226	76	146	352	309
BOX BV 7/7 0,55kW	450	450	698	252	226	76	146	352	309
BOX BV 7/7 0,75kW	450	450	698	252	226	76	146	352	309
BOX BV 9/9 0,37kW	535	535	768	321	278	91	164	418	359
BOX BV 9/9 0,55kW	535	535	768	321	278	91	164	418	359
BOX BV 9/9 0,75kW	535	535	768	321	278	91	164	418	359
BOX BV 9/9 1,1kW	535	535	768	321	278	91	164	418	359
BOX BV 10/10 0,37kW	580	580	798	352	309	79	190	493	421
BOX BV 10/10 0,55kW	580	580	798	352	309	79	190	493	421
BOX BV 10/10 0,75kW	580	580	798	352	309	79	190	493	421
BOX BV 10/10 1,1kW	580	580	798	352	309	79	190	493	421
BOX BV 10/10 1,5kW	580	580	798	352	309	79	190	493	421
BOX BV 12/12 0,37kW	650	650	868	418	359	78	211	576	500
BOX BV 12/12 0,55kW	650	650	868	418	359	78	211	576	500
BOX BV 12/12 0,75kW	650	650	868	418	359	78	211	576	500
BOX BV 12/12 1,1kW	650	650	868	418	359	78	211	576	500
BOX BV 12/12 1,5kW	650	650	868	418	359	78	211	576	500
BOX BV 12/12 2,2kW	650	650	868	418	359	78	211	576	500
BOX BV 15/15 0,55kW	775	775	988	493	421	113	239	650	650
BOX BV 15/15 0,75kW	775	775	988	493	421	113	239	650	650
BOX BV 15/15 1,1kW	775	775	988	493	421	113	239	650	650
BOX BV 15/15 1,5kW	775	775	988	493	421	113	239	650	650
BOX BV 15/15 2,2kW	775	775	988	493	421	113	239	650	650
BOX BV 15/15 3kW	775	775	988	493	421	113	239	650	650
BOX BV 15/15 4kW	775	775	988	493	421	113	239	650	650
BOX BV 18/18 1,1kW	870	885	1168	576	500	99	285	750	750
BOX BV 18/18 1,5kW	870	885	1168	576	500	99	285	750	750
BOX BV 18/18 2,2kW	870	885	1168	576	500	99	285	750	750
BOX BV 18/18 3kW	870	885	1168	576	500	99	285	750	750

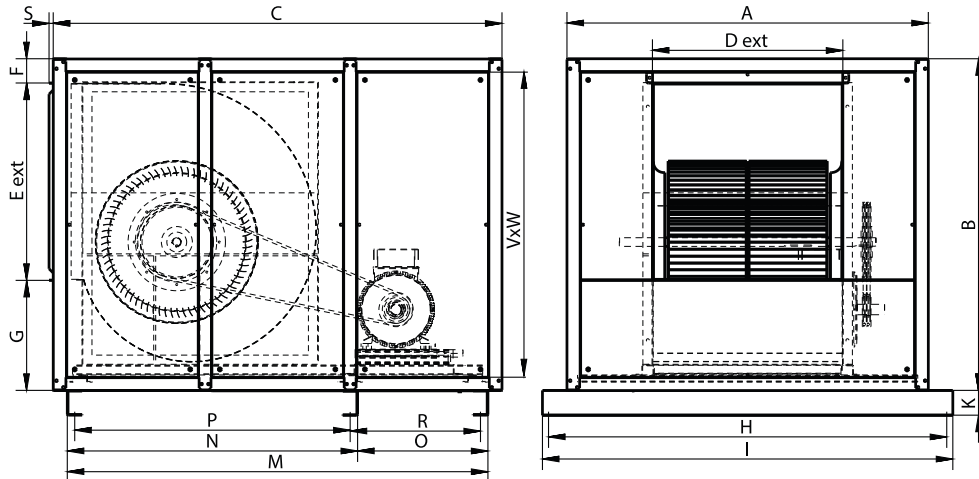
Model	A	B	C	D	E	F	H	I	J
BOX BV 18/18 4kW	870	885	1168	576	500	99	285	750	750
BOX BV 18/18 5,5kW	870	885	1168	576	500	99	285	750	750

Model	K	L	M	N
BOX BV 7/7 0,37kW	60	79	23	27
BOX BV 7/7 0,55kW	60	79	23	27
BOX BV 7/7 0,75kW	60	79	23	27
BOX BV 9/9 0,37kW	78	96	23	27
BOX BV 9/9 0,55kW	78	96	23	27
BOX BV 9/9 0,75kW	78	96	23	27
BOX BV 9/9 1,1kW	78	96	23	27
BOX BV 10/10 0,37kW	69	88	23	27
BOX BV 10/10 0,55kW	69	88	23	27
BOX BV 10/10 0,75kW	69	88	23	27
BOX BV 10/10 1,1kW	69	88	23	27
BOX BV 10/10 1,5kW	69	88	23	27
BOX BV 12/12 0,37kW	65	83	23	27
BOX BV 12/12 0,55kW	65	83	23	27
BOX BV 12/12 0,75kW	65	83	23	27
BOX BV 12/12 1,1kW	65	83	23	27
BOX BV 12/12 1,5kW	65	83	23	27
BOX BV 12/12 2,2kW	65	83	23	27
BOX BV 15/15 0,55kW	52	71	23	27
BOX BV 15/15 0,75kW	52	71	23	27
BOX BV 15/15 1,1kW	52	71	23	27
BOX BV 15/15 1,5kW	52	71	23	27
BOX BV 15/15 2,2kW	52	71	23	27
BOX BV 15/15 3kW	52	71	23	27
BOX BV 15/15 4kW	52	71	23	27
BOX BV 18/18 1,1kW	57	76	23	27
BOX BV 18/18 1,5kW	57	76	23	27
BOX BV 18/18 2,2kW	57	76	23	27
BOX BV 18/18 3kW	57	76	23	27
BOX BV 18/18 4kW	57	76	23	27
BOX BV 18/18 5,5kW	57	76	23	27



Model	A	B	C	Dext	Eext	F	G	H	I
BOX BV 20/20 1,5kW	1100,5	1117	1525	605	607	85	425	1249	1298
BOX BV 20/20 2,2kW	1100,5	1117	1525	605	607	85	425	1249	1298
BOX BV 20/20 3kW	1100,5	1117	1525	605	607	85	425	1249	1298
BOX BV 20/20 4kW	1100,5	1117	1525	605	607	85	425	1249	1298
BOX BV 20/20 5,5kW	1100,5	1117	1525	605	607	85	425	1249	1298
BOX BV 20/20 7,5kW	1100,5	1117	1525	605	607	85	425	1249	1298
BOX BV 22/22 1,5kW	1350,5	1200	1683	658	694	85	421,5	1499	1548
BOX BV 22/22 2,2kW	1350,5	1200	1683	658	694	85	421,5	1499	1548
BOX BV 22/22 3kW	1350,5	1200	1683	658	694	85	421,5	1499	1548
BOX BV 22/22 4kW	1350,5	1200	1683	658	694	85	421,5	1499	1548
BOX BV 22/22 5,5kW	1350,5	1200	1683	658	694	85	421,5	1499	1548
BOX BV 22/22 7,5kW	1350,5	1200	1683	658	694	85	421,5	1499	1548
BOX BV 22/22 11kW	1350,5	1200	1683	658	694	85	421,5	1499	1548

Model	K	L	M	S	V	W
BOX BV 20/20 1,5kW	100	1351,6	1411,6	16,8	1014	994
BOX BV 20/20 2,2kW	100	1351,6	1411,6	16,8	1014	994
BOX BV 20/20 3kW	100	1351,6	1411,6	16,8	1014	994
BOX BV 20/20 4kW	100	1351,6	1411,6	16,8	1014	994
BOX BV 20/20 5,5kW	100	1351,6	1411,6	16,8	1014	994
BOX BV 20/20 7,5kW	100	1351,6	1411,6	16,8	1014	994
BOX BV 22/22 1,5kW	100	1509,6	1569,6	16,8	1097	1244
BOX BV 22/22 2,2kW	100	1509,6	1569,6	16,8	1097	1244
BOX BV 22/22 3kW	100	1509,6	1569,6	16,8	1097	1244
BOX BV 22/22 4kW	100	1509,6	1569,6	16,8	1097	1244
BOX BV 22/22 5,5kW	100	1509,6	1569,6	16,8	1097	1244
BOX BV 22/22 7,5kW	100	1509,6	1569,6	16,8	1097	1244
BOX BV 22/22 11kW	100	1509,6	1569,6	16,8	1097	1244



Model	A	B	C	Dext	Eext	F	G	H	I
BOX BV 25/25 2,2kW	1457,5	1337,5	1810	768	796	98	443,5	1606	1655
BOX BV 25/25 3kW	1457,5	1337,5	1810	768	796	98	443,5	1606	1655
BOX BV 25/25 4kW	1457,5	1337,5	1810	768	796	98	443,5	1606	1655
BOX BV 25/25 5,5kW	1457,5	1337,5	1810	768	796	98	443,5	1606	1655
BOX BV 25/25 7,5kW	1457,5	1337,5	1810	768	796	98	443,5	1606	1655
BOX BV 25/25 11kW	1457,5	1337,5	1810	768	796	98	443,5	1606	1655
BOX BV 30/28 2,2kW	1650,5	1572	2040	893	936	100	535,5	1799	1848
BOX BV 30/28 3kW	1650,5	1572	2040	893	936	100	535,5	1799	1848
BOX BV 30/28 4kW	1650,5	1572	2040	893	936	100	535,5	1799	1848
BOX BV 30/28 5,5kW	1650,5	1572	2040	893	936	100	535,5	1799	1848
BOX BV 30/28 7,5kW	1650,5	1572	2040	893	936	100	535,5	1799	1848
BOX BV 30/28 11kW	1650,5	1572	2040	893	936	100	535,5	1799	1848
BOX BV 30/28 15kW	1650,5	1572	2040	893	936	100	535,5	1799	1848

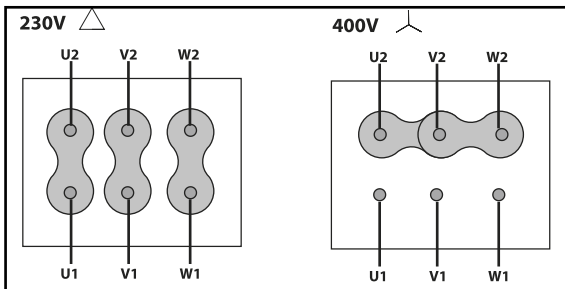
Model	K	M	N	P	R	S	V	W
BOX BV 25/25 2,2kW	100	1696,5	1171	1111	525,5	16,8	1234	1351
BOX BV 25/25 3kW	100	1696,5	1171	1111	525,5	16,8	1234	1351
BOX BV 25/25 4kW	100	1696,5	1171	1111	525,5	16,8	1234	1351
BOX BV 25/25 5,5kW	100	1696,5	1171	1111	525,5	16,8	1234	1351
BOX BV 25/25 7,5kW	100	1696,5	1171	1111	525,5	16,8	1234	1351
BOX BV 25/25 11kW	100	1696,5	1171	1111	525,5	16,8	1234	1351
BOX BV 30/28 2,2kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544
BOX BV 30/28 3kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544
BOX BV 30/28 4kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544
BOX BV 30/28 5,5kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544
BOX BV 30/28 7,5kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544
BOX BV 30/28 11kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544

Model	K	M	N	P	R	S	V	W
BOX BV 30/28 15kW	100	1911,5	1316,5	1256,5	595	16,8	1469	1544

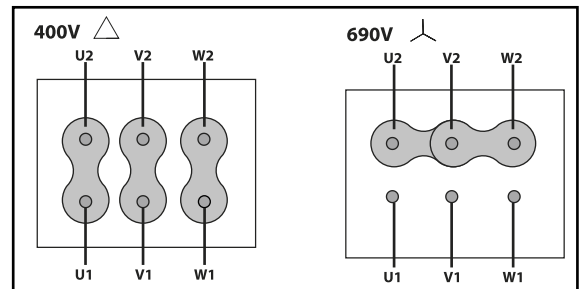
Wiring diagram

DIAGRAM Nº 1

230/400V



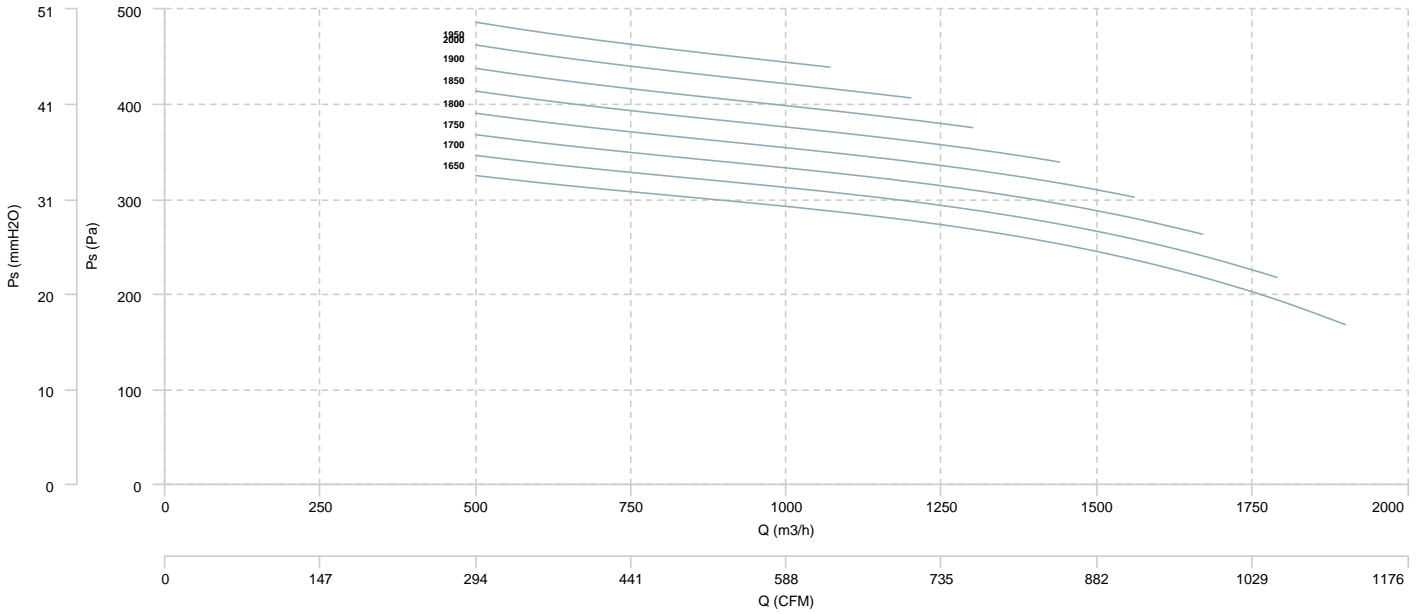
400/690V



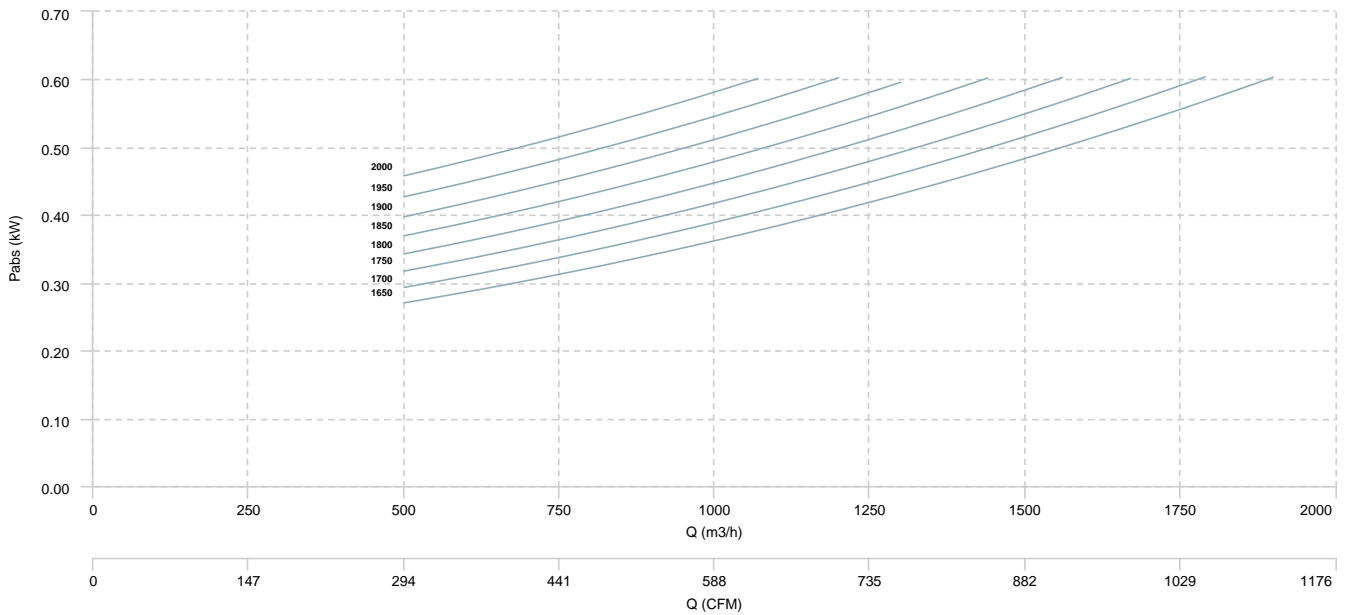
CHARACTERISCTIC CURVE

BOX BV 7/7 0,37kW

AIR FLOW - PRESSURE

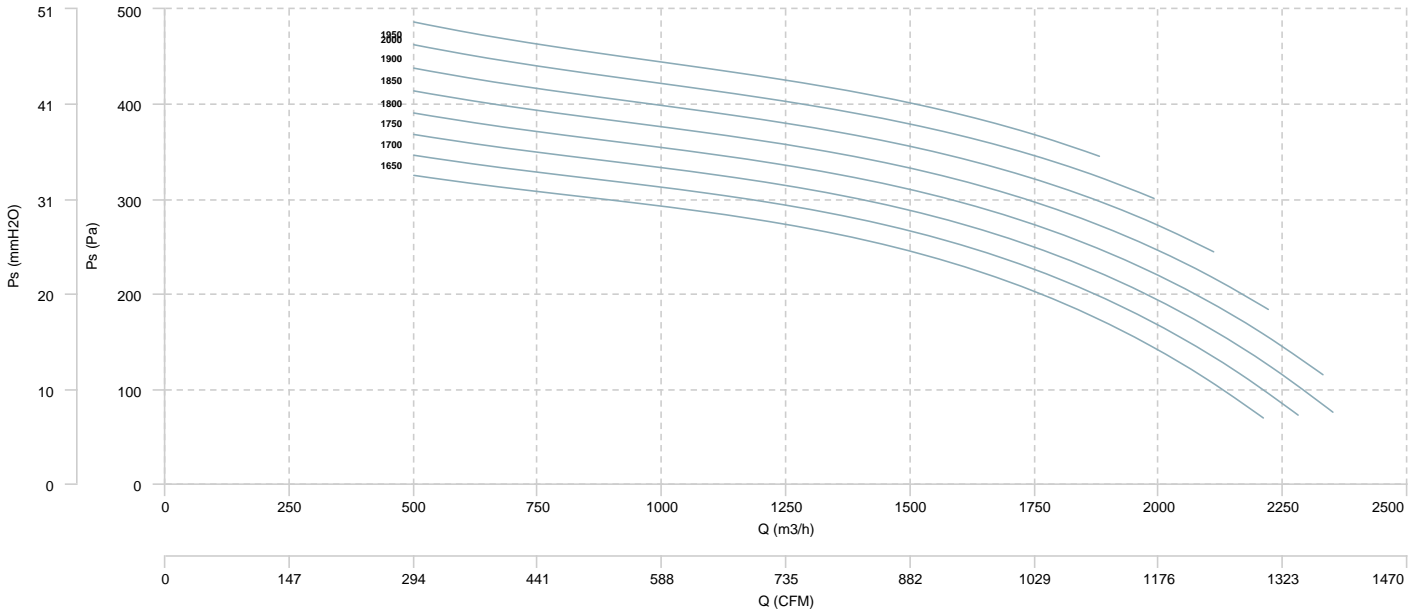


AIR FLOW - ABSORBED POWER

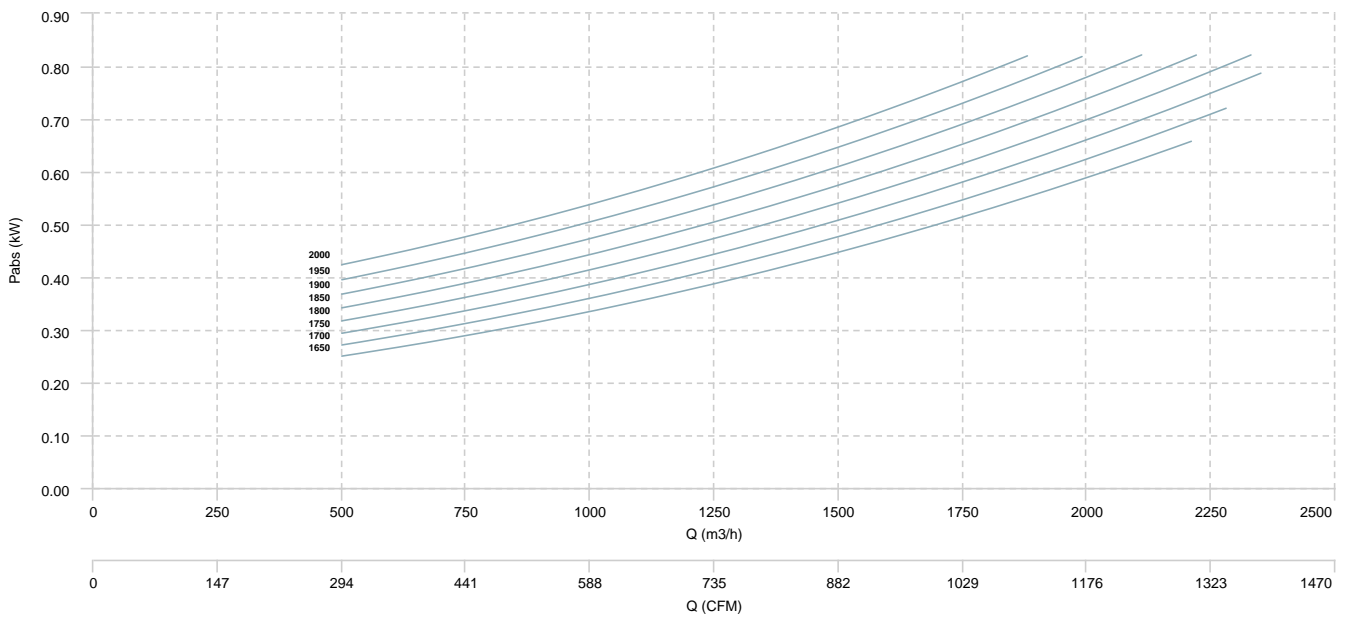


BOX BV 7/7 0,55kW

AIR FLOW - PRESSURE

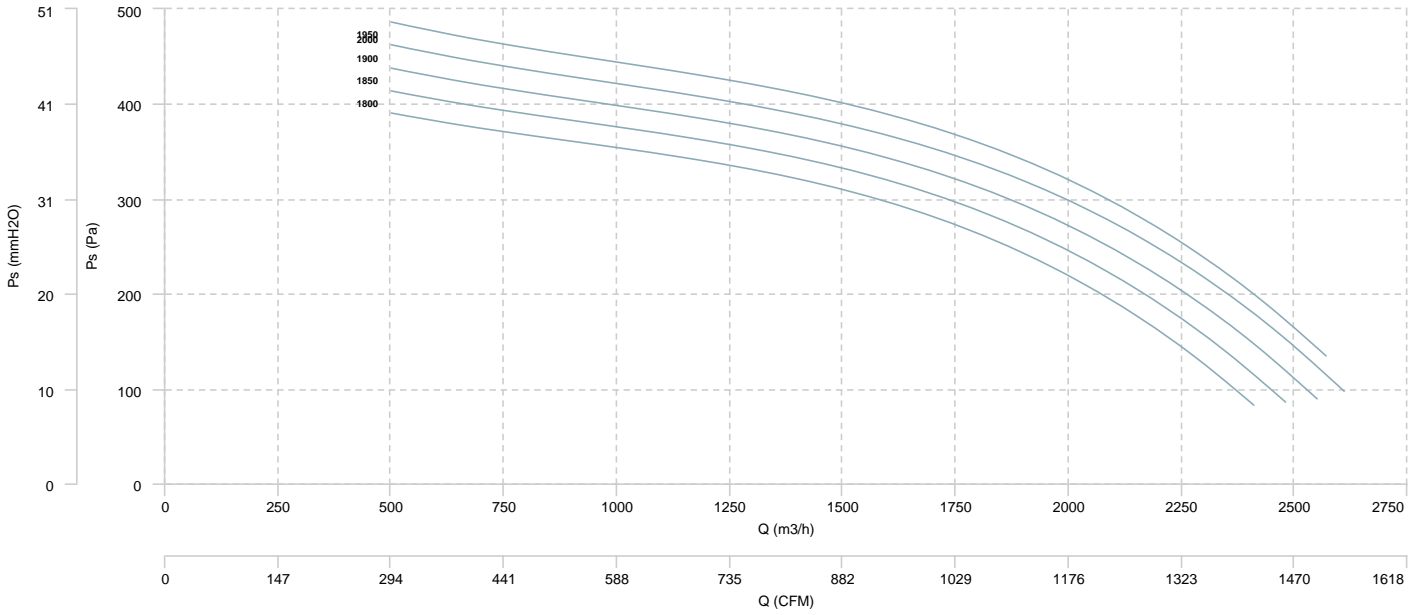


AIR FLOW - ABSORBED POWER

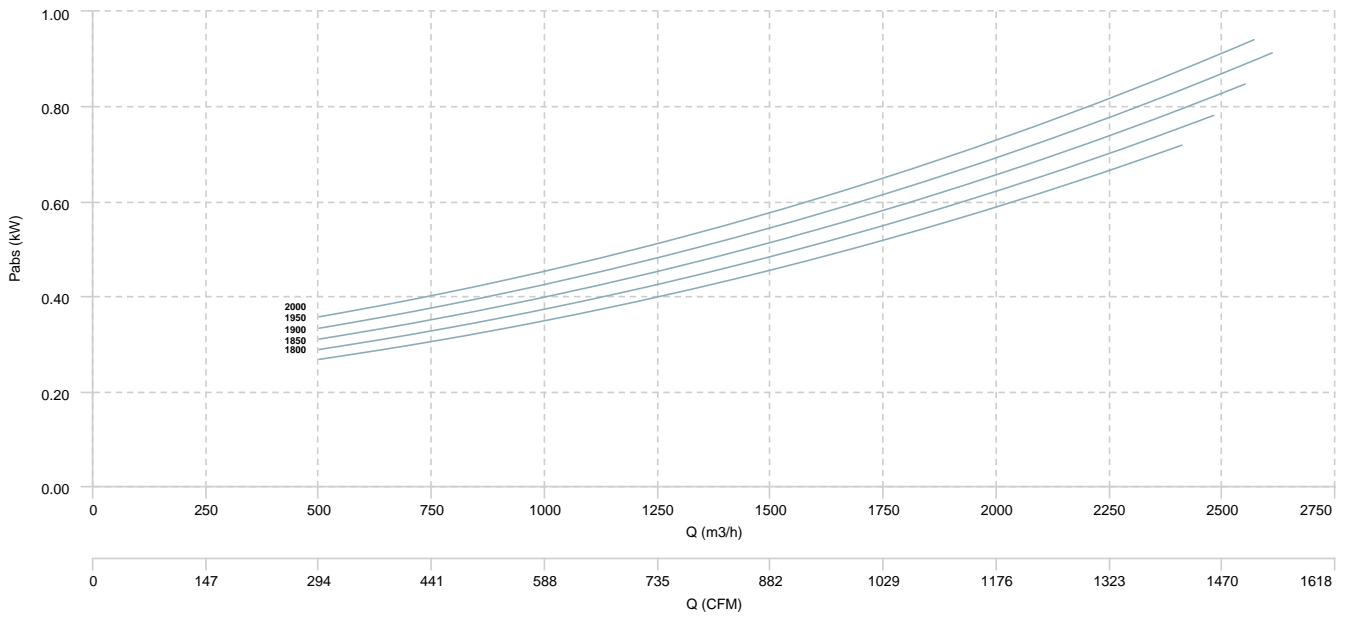


BOX BV 7/7 0,75kW

AIR FLOW - PRESSURE

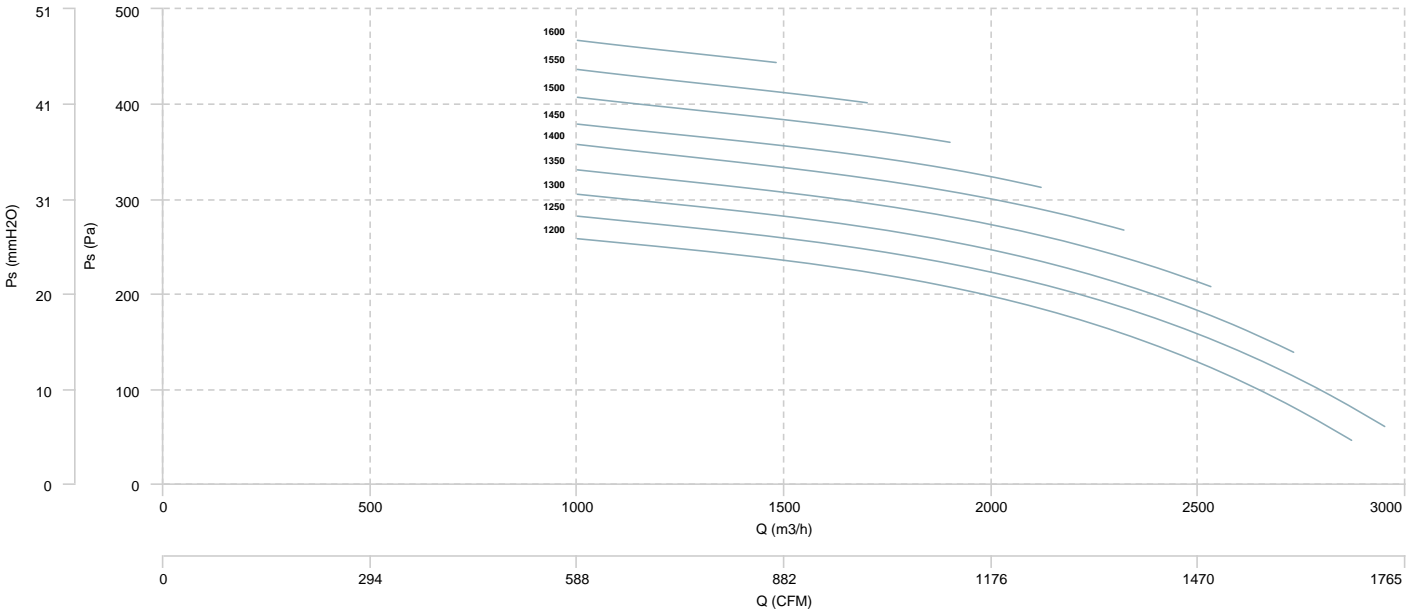


AIR FLOW - ABSORBED POWER

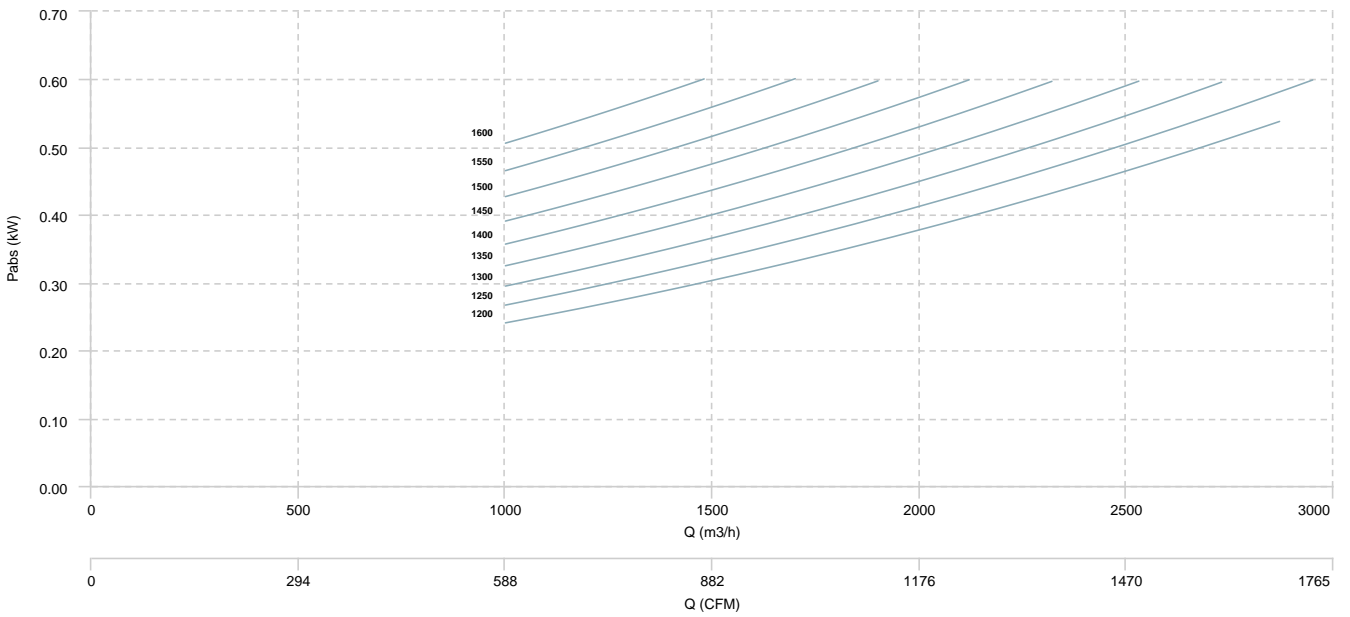


BOX BV 9/9 0,37kW

AIR FLOW - PRESSURE

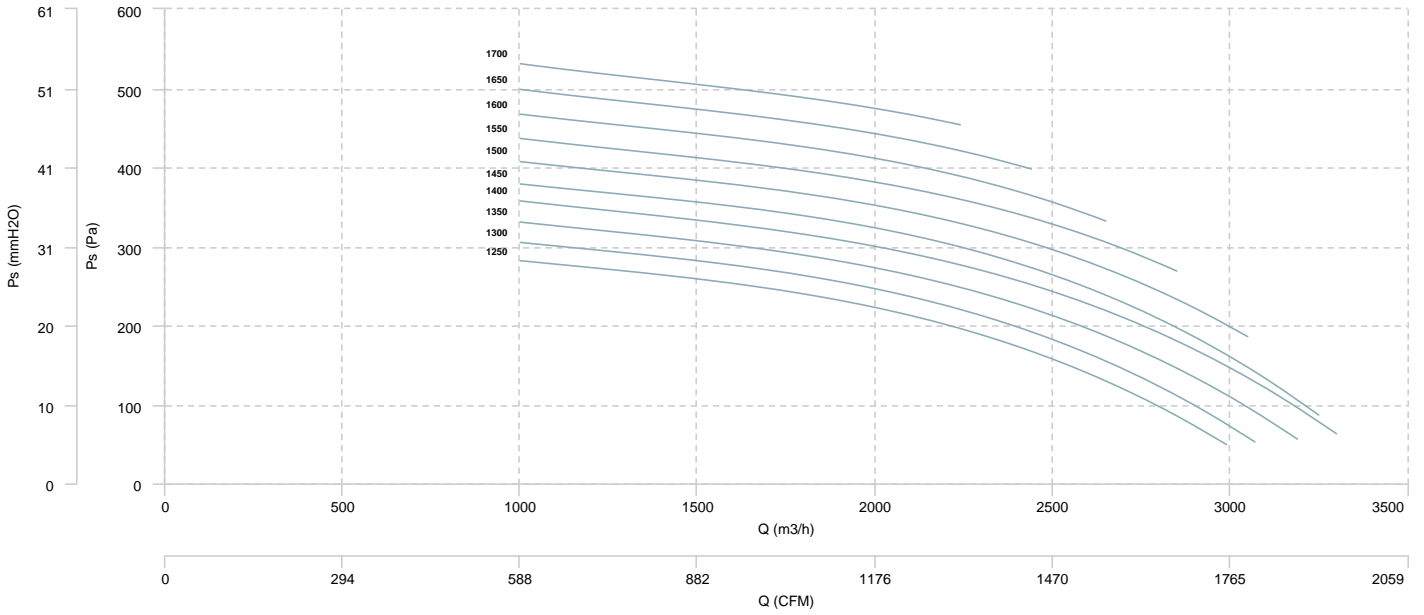


AIR FLOW - ABSORBED POWER

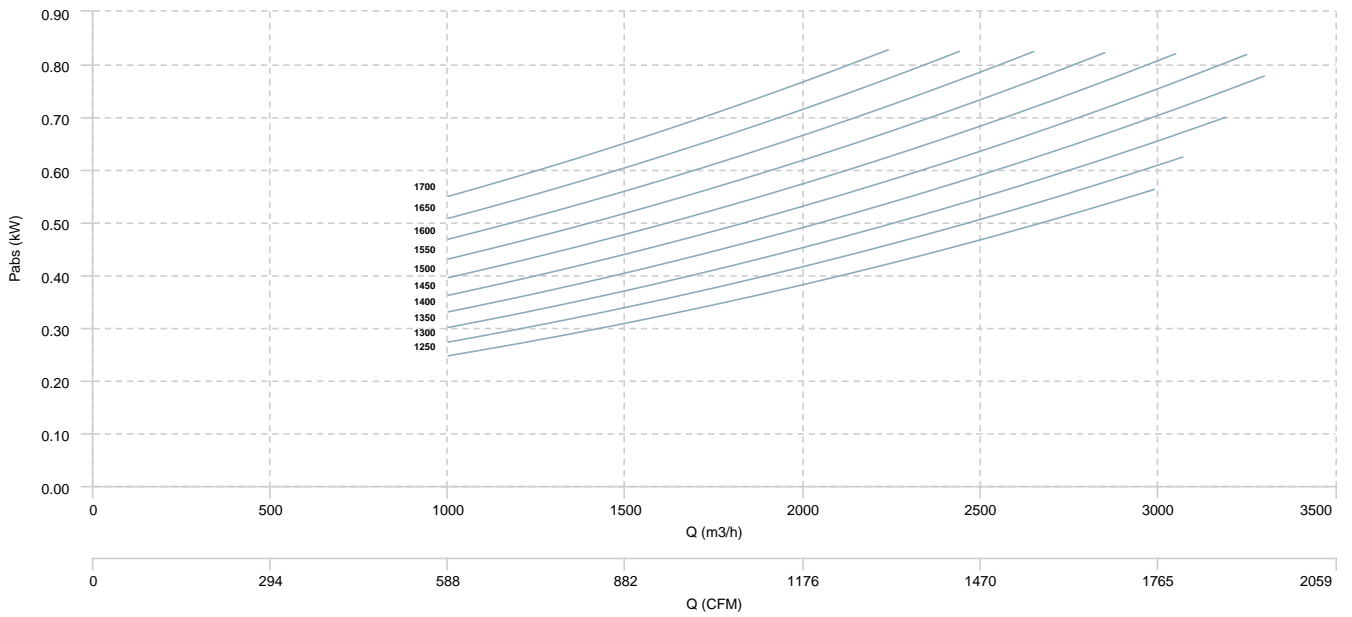


BOX BV 9/9 0,55kW

AIR FLOW - PRESSURE

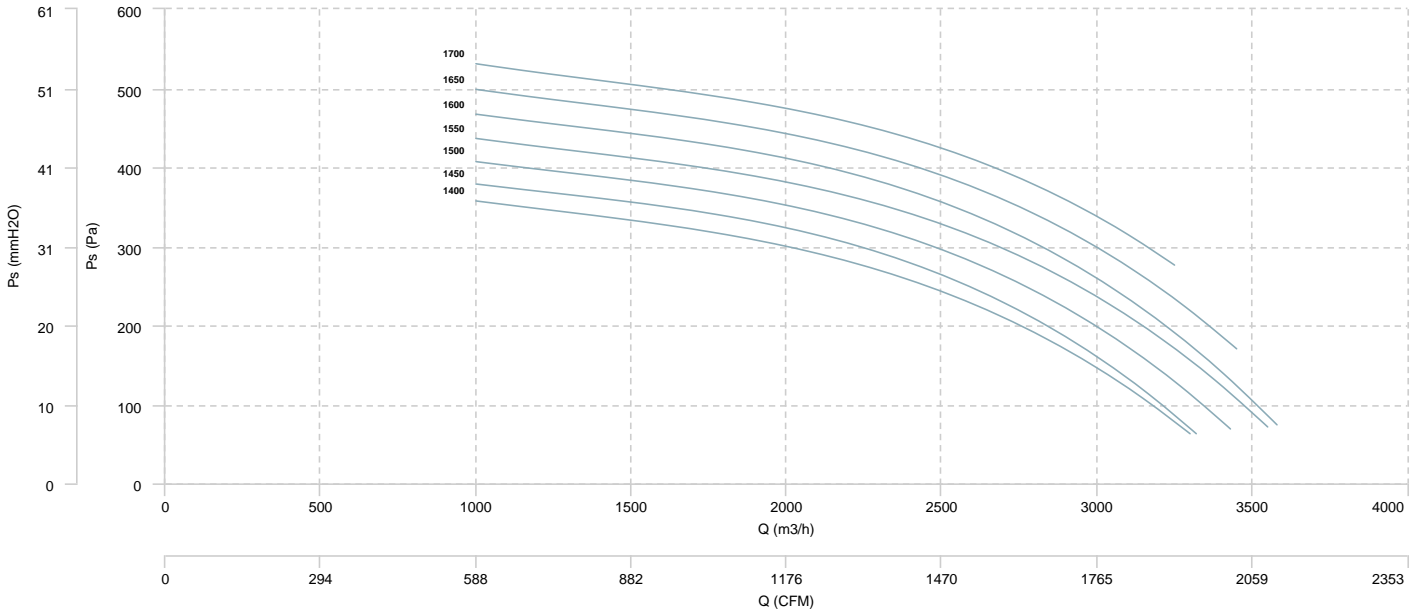


AIR FLOW - ABSORBED POWER

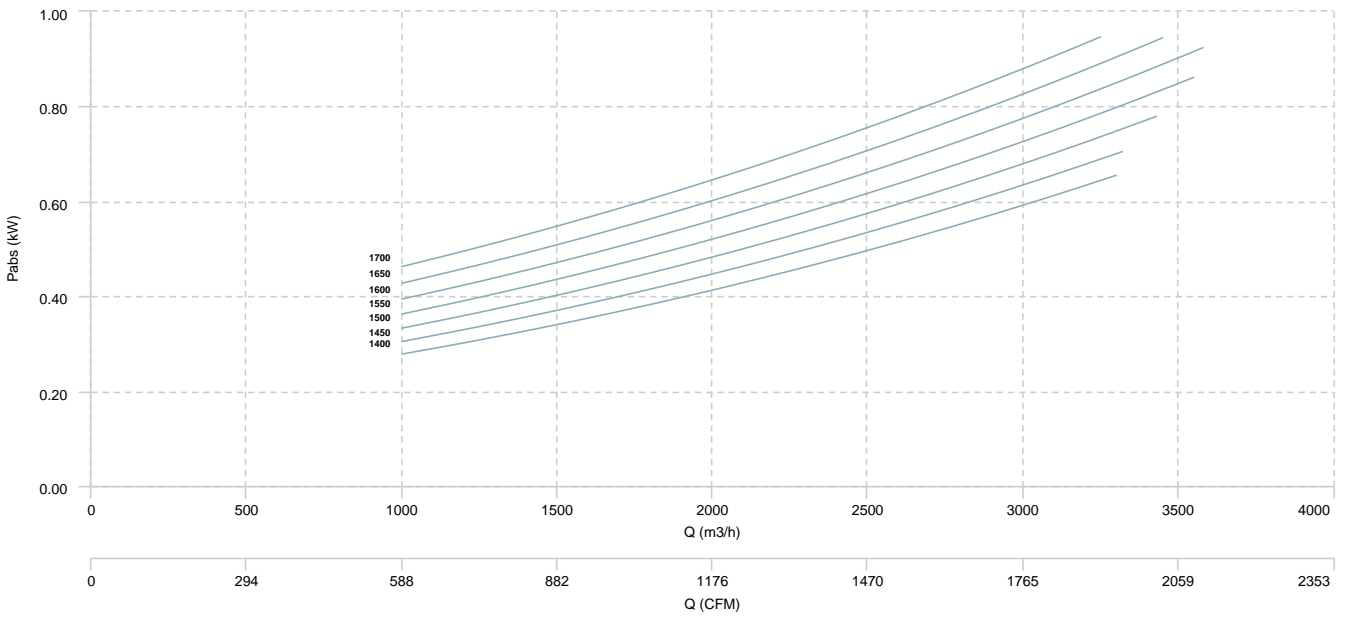


BOX BV 9/9 0,75kW

AIR FLOW - PRESSURE

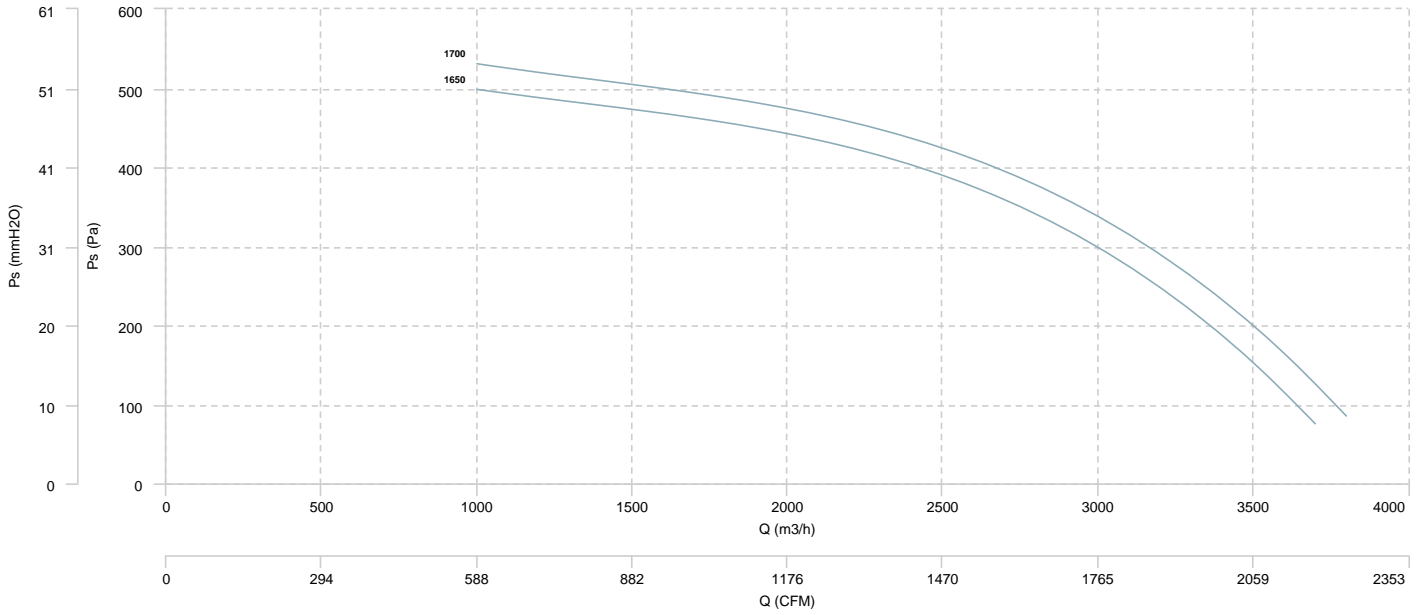


AIR FLOW - ABSORBED POWER

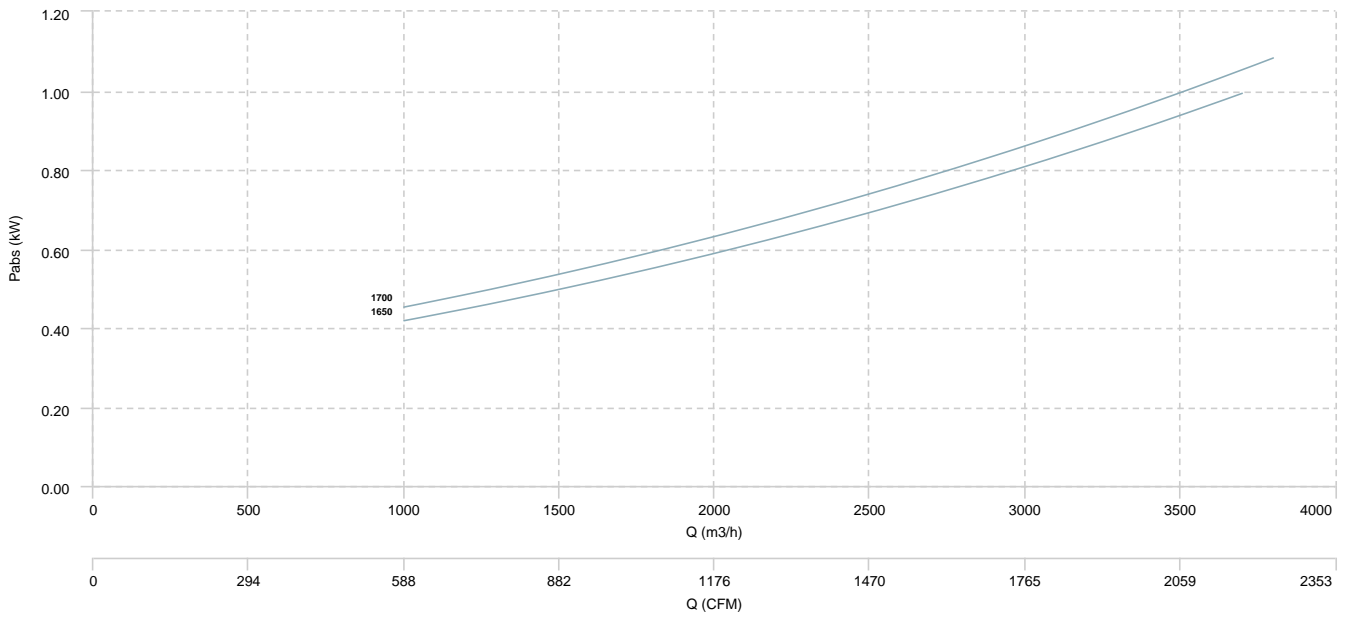


BOX BV 9/9 1,1kW

AIR FLOW - PRESSURE

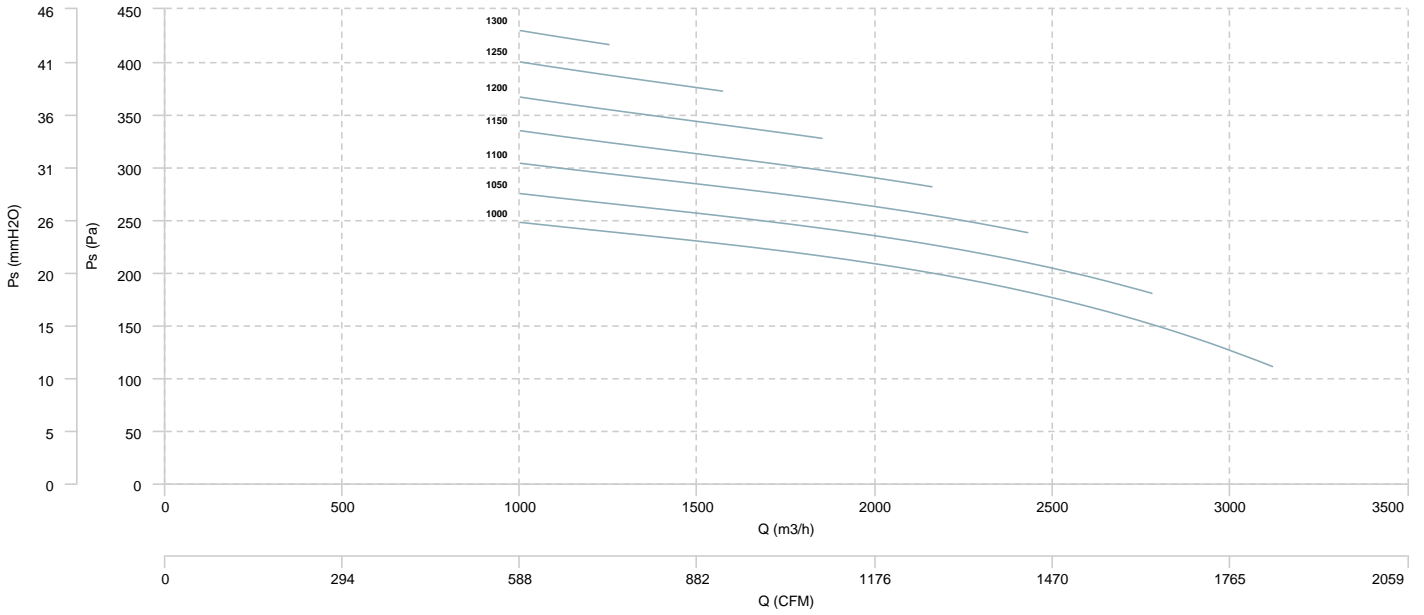


AIR FLOW - ABSORBED POWER

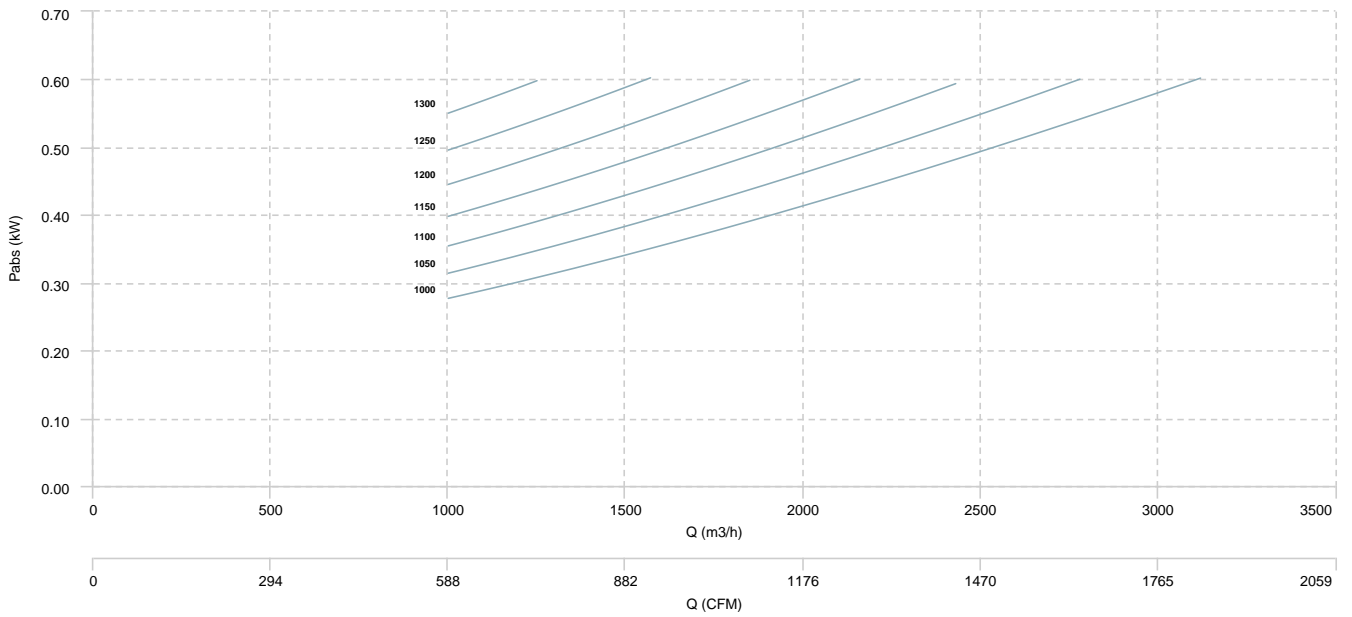


BOX BV 10/10 0,37kW

AIR FLOW - PRESSURE

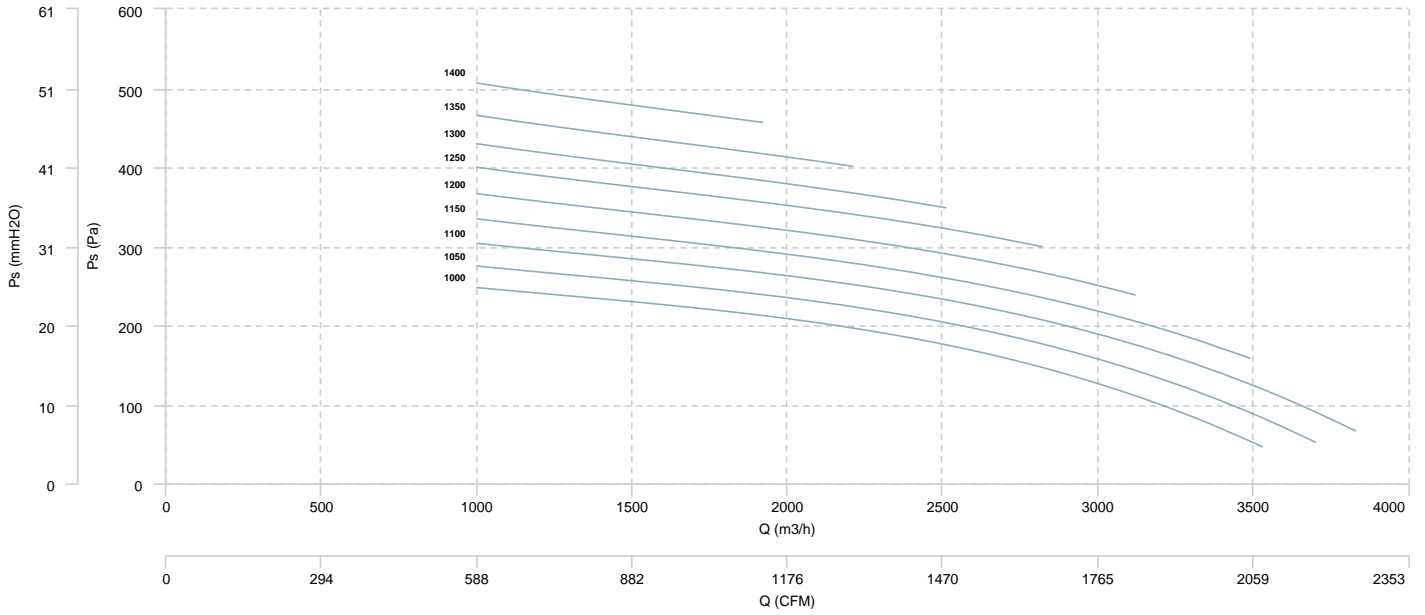


AIR FLOW - ABSORBED POWER

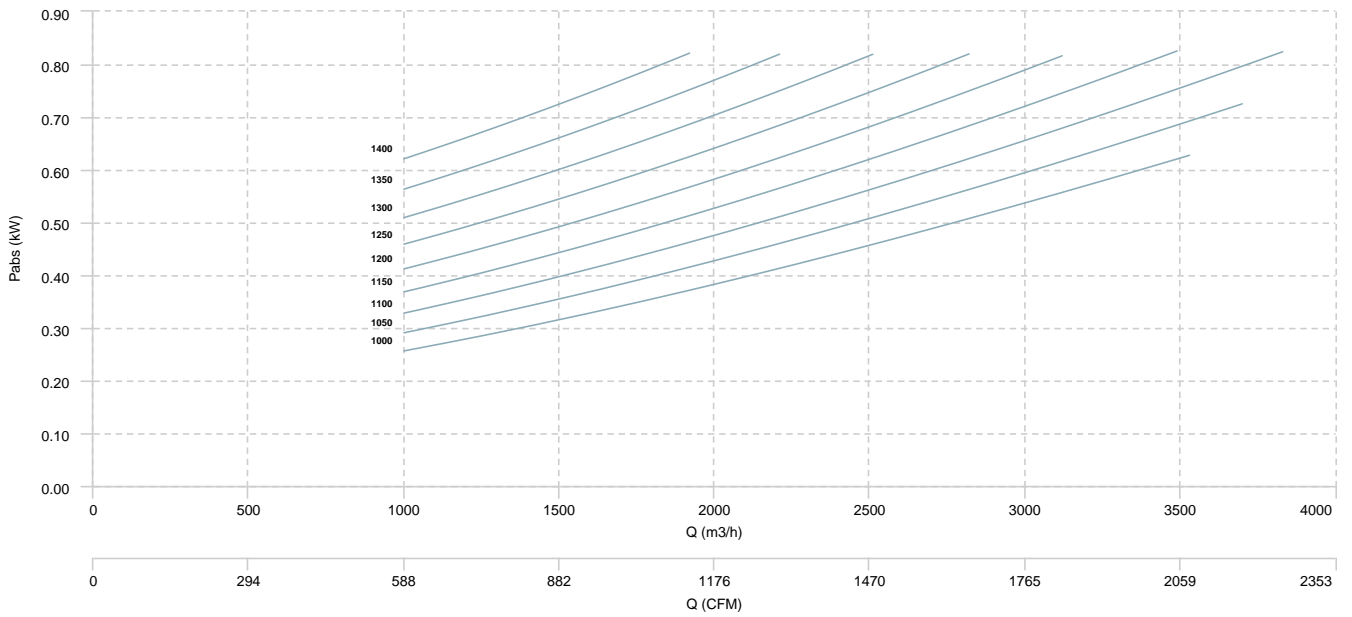


BOX BV 10/10 0,55kW

AIR FLOW - PRESSURE

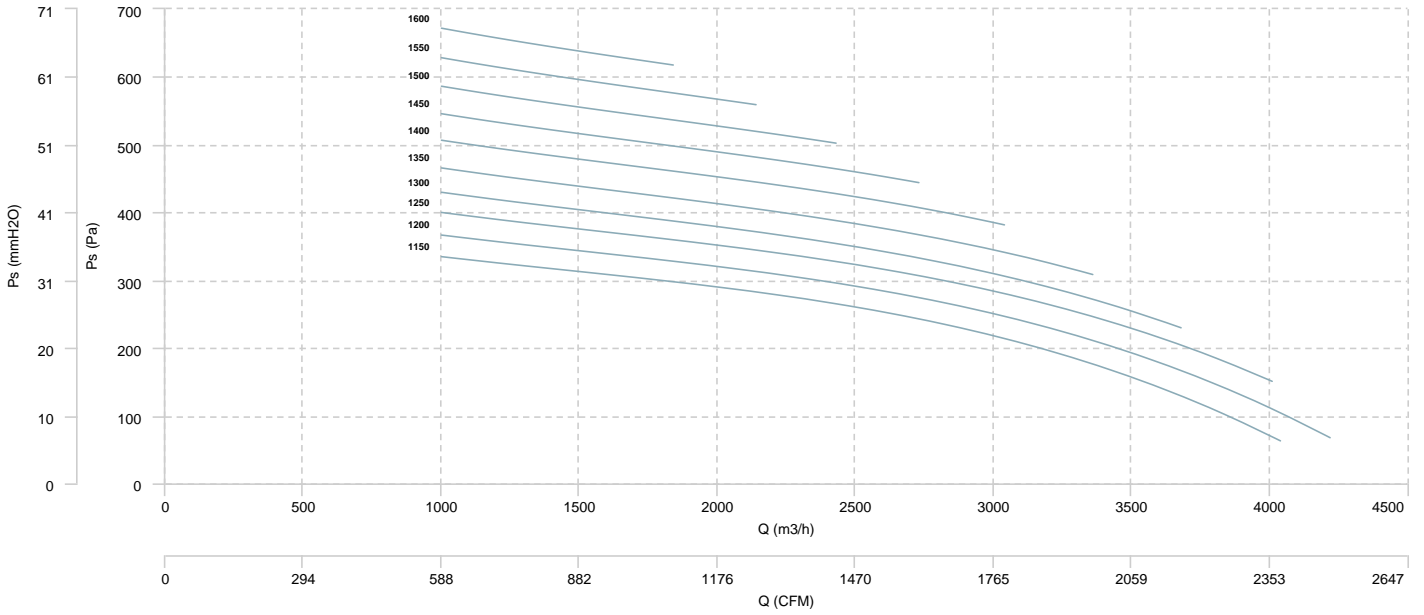


AIR FLOW - ABSORBED POWER

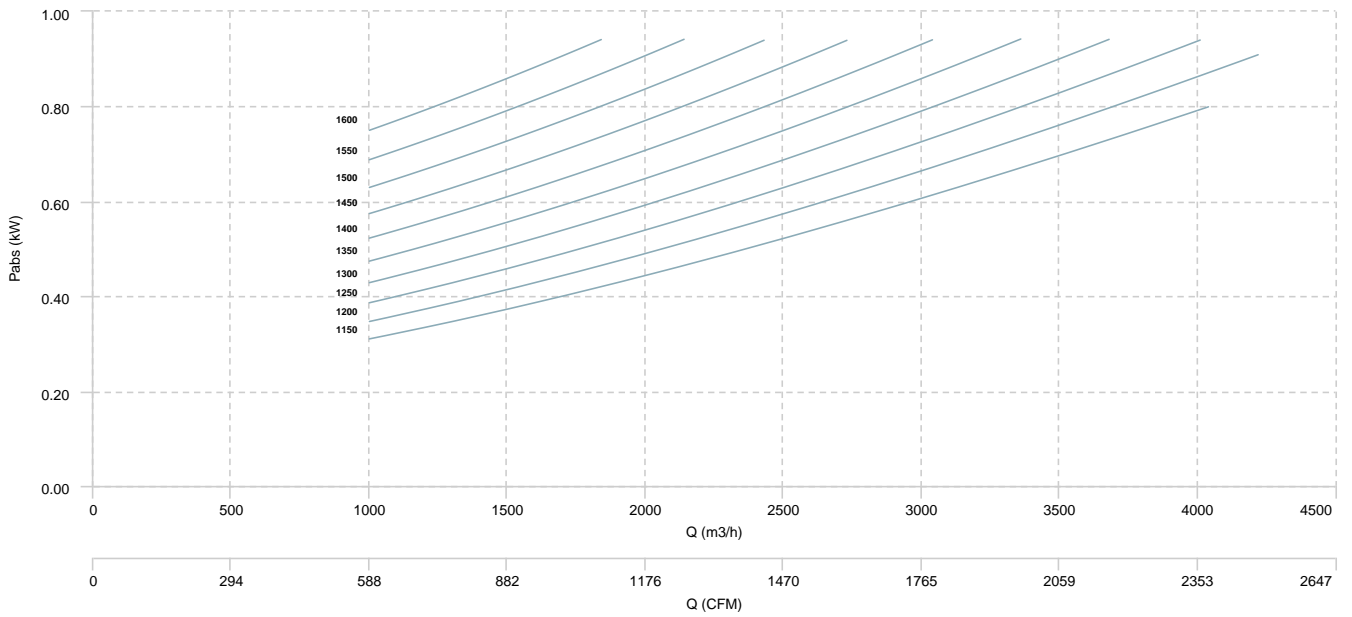


BOX BV 10/10 0,75kW

AIR FLOW - PRESSURE

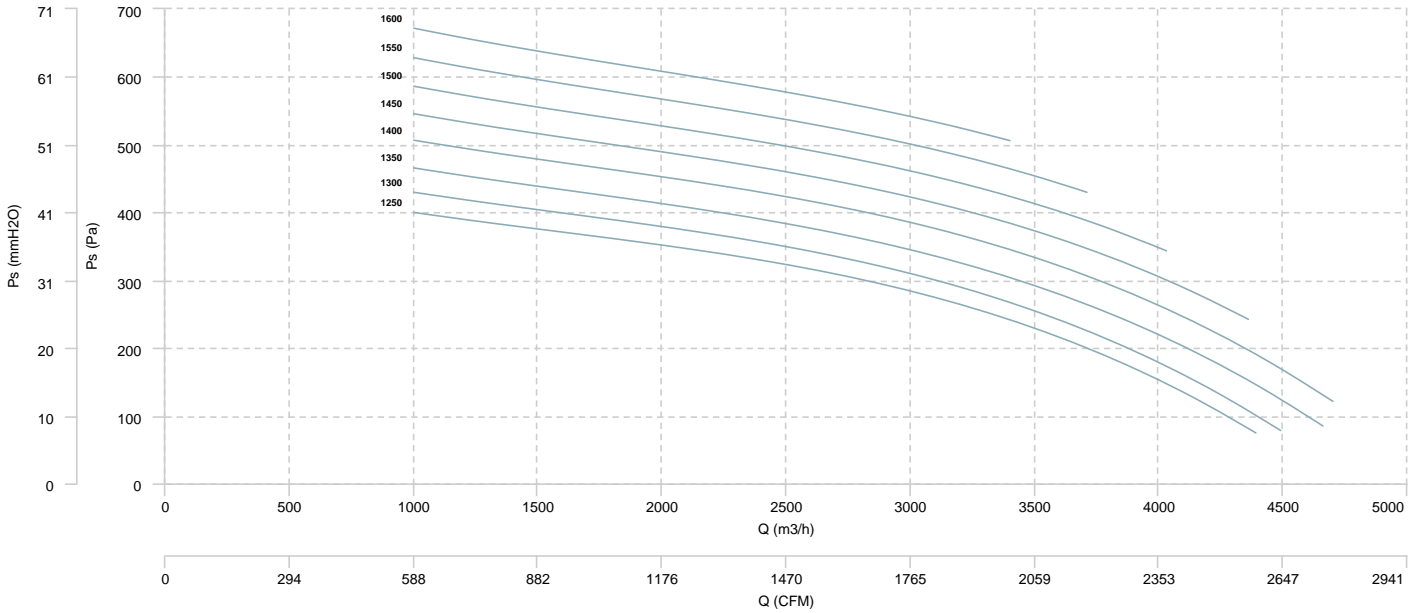


AIR FLOW - ABSORBED POWER

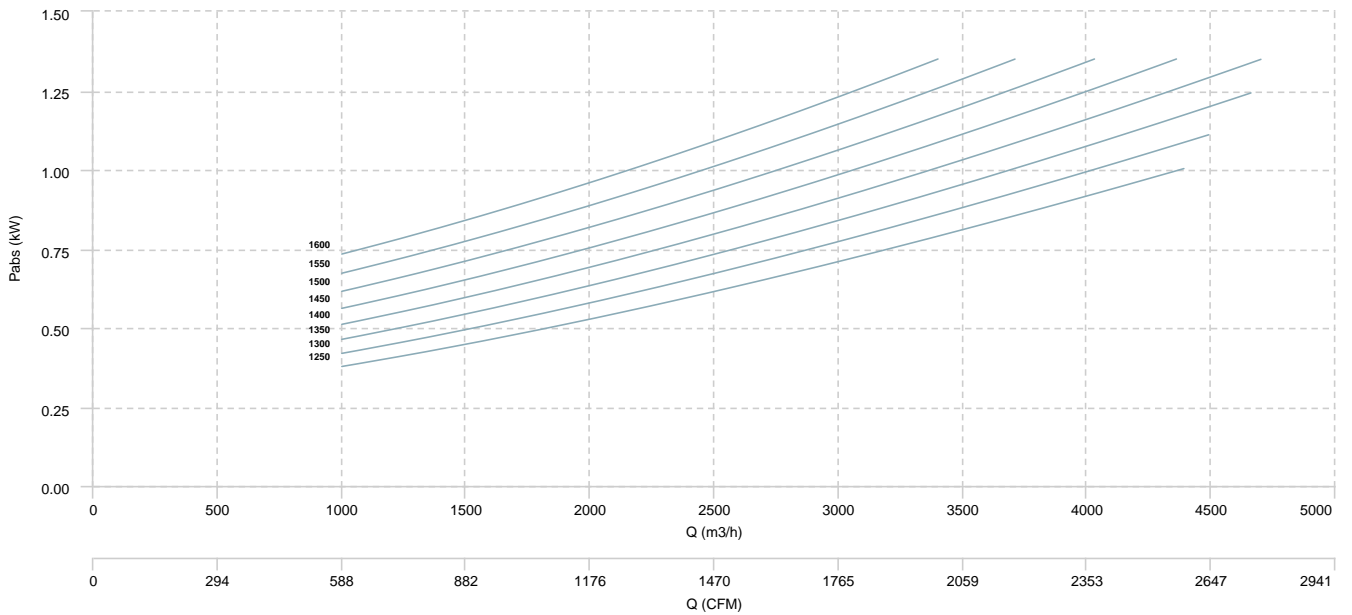


BOX BV 10/10 1,1kW

AIR FLOW - PRESSURE

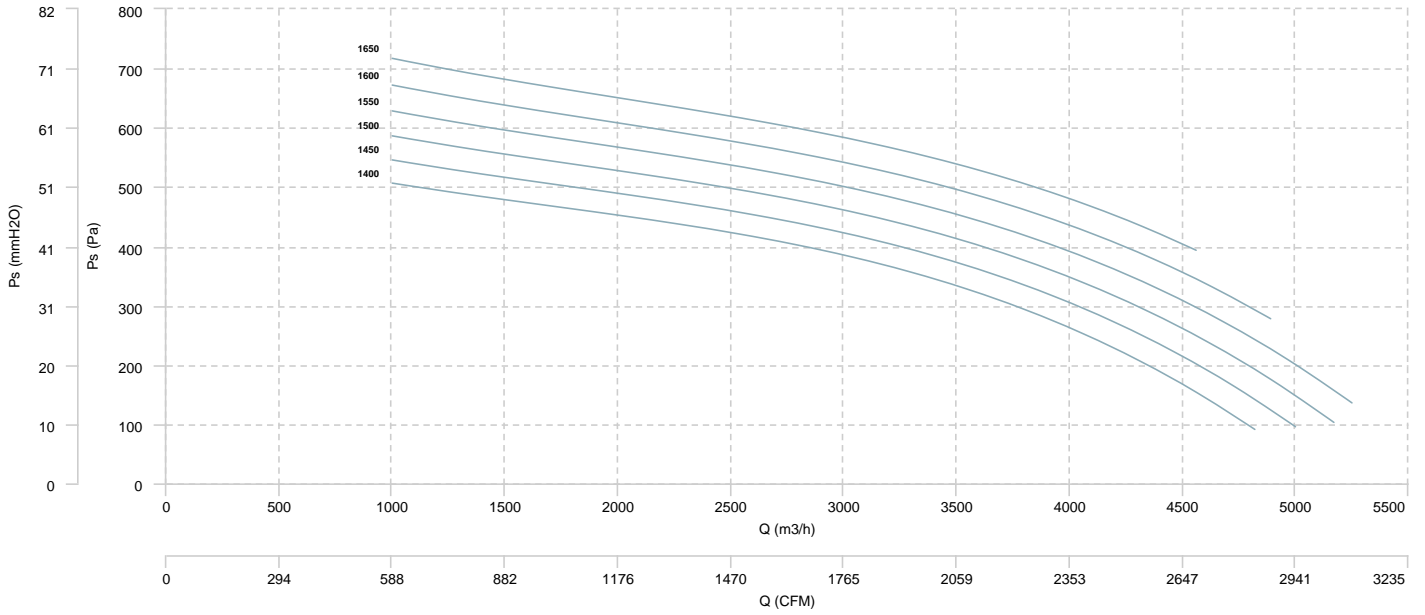


AIR FLOW - ABSORBED POWER

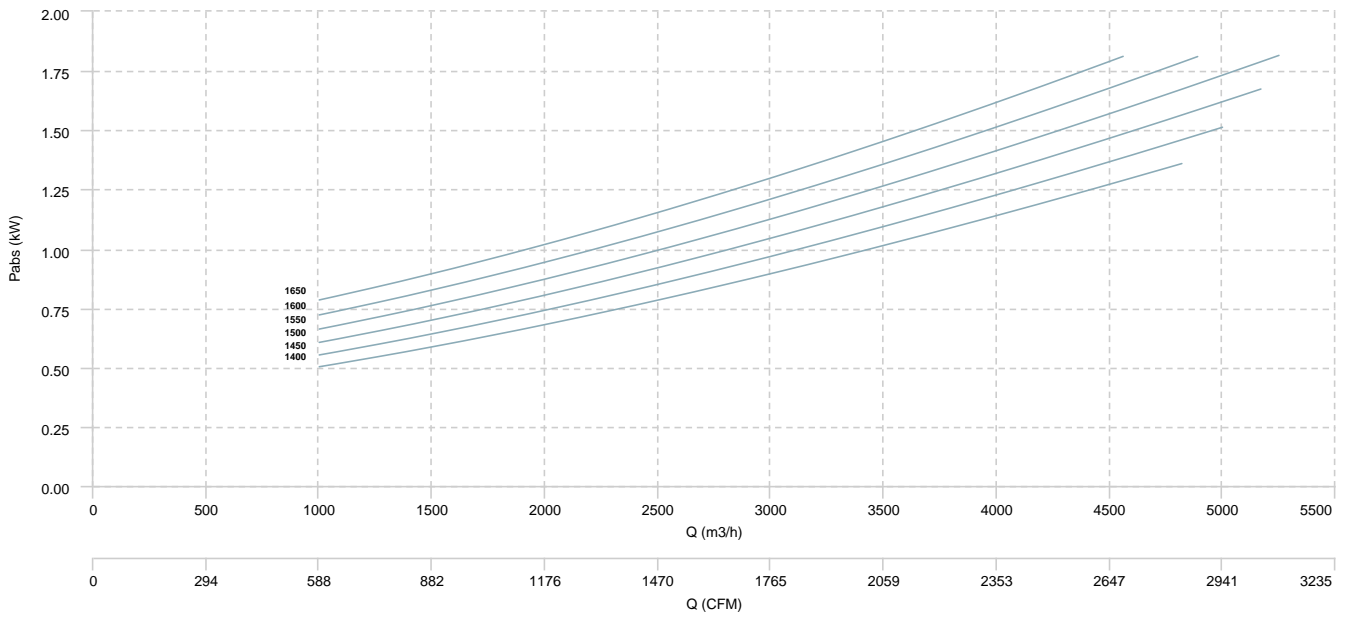


BOX BV 10/10 1,5kW

AIR FLOW - PRESSURE

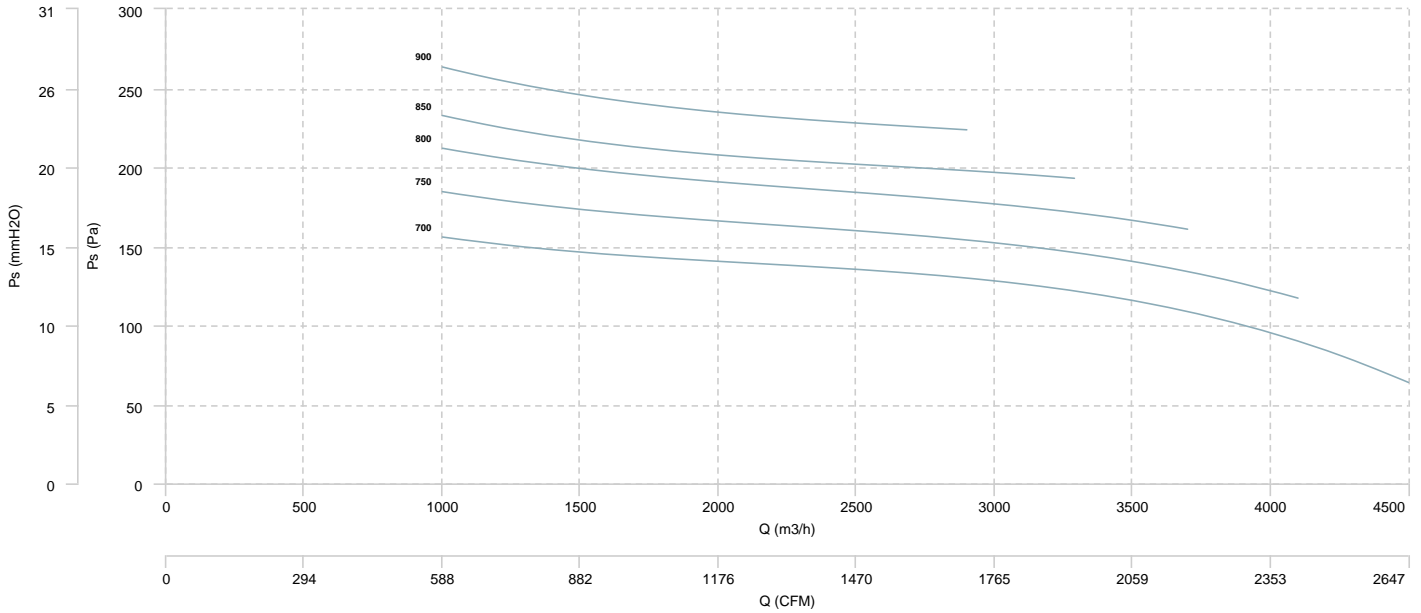


AIR FLOW - ABSORBED POWER

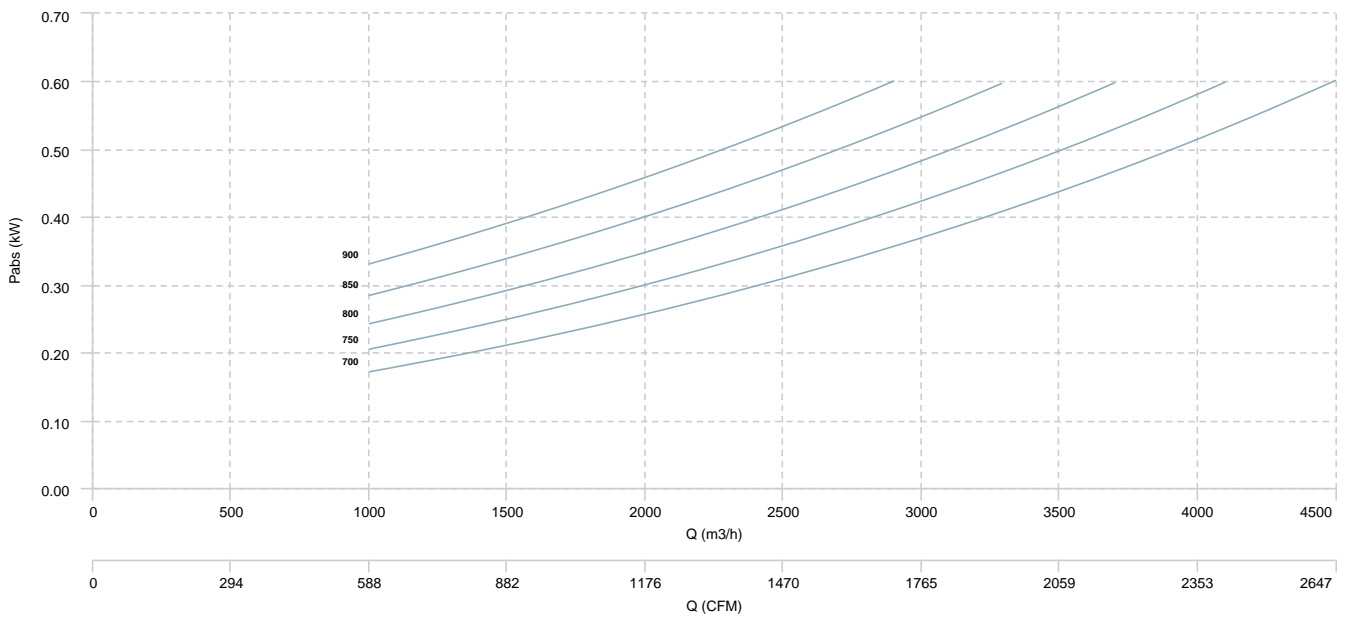


BOX BV 12/12 0,37kW

AIR FLOW - PRESSURE

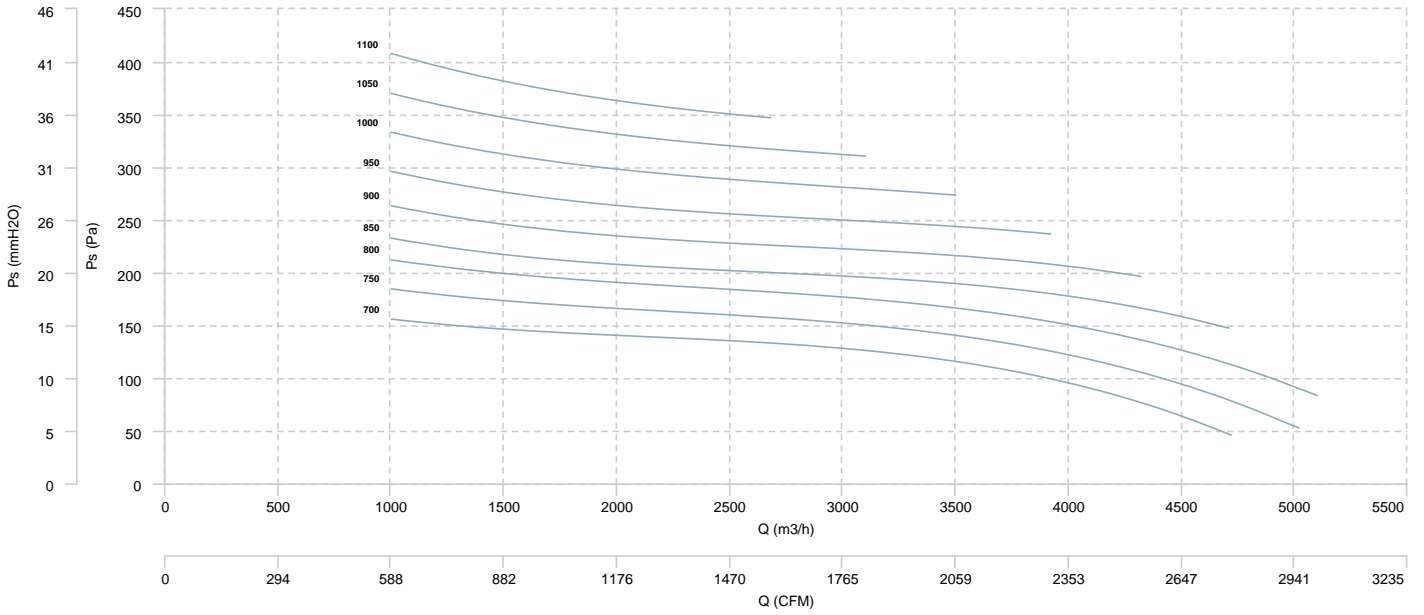


AIR FLOW - ABSORBED POWER

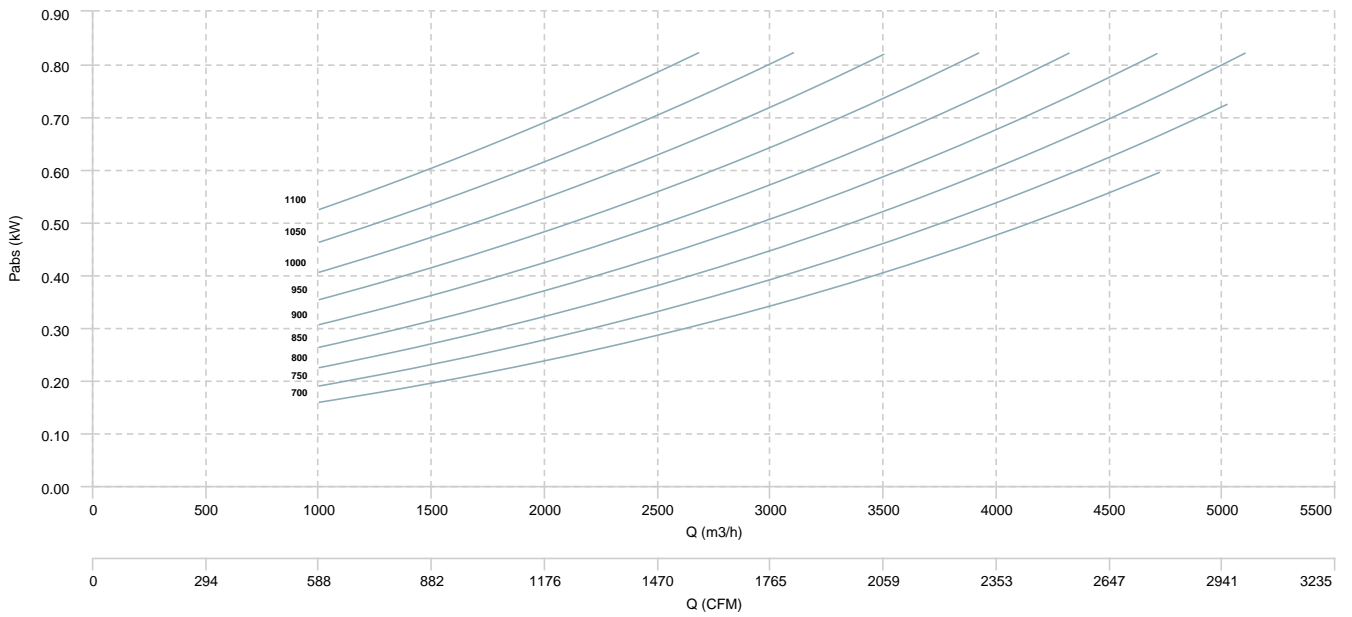


BOX BV 12/12 0,55kW

AIR FLOW - PRESSURE

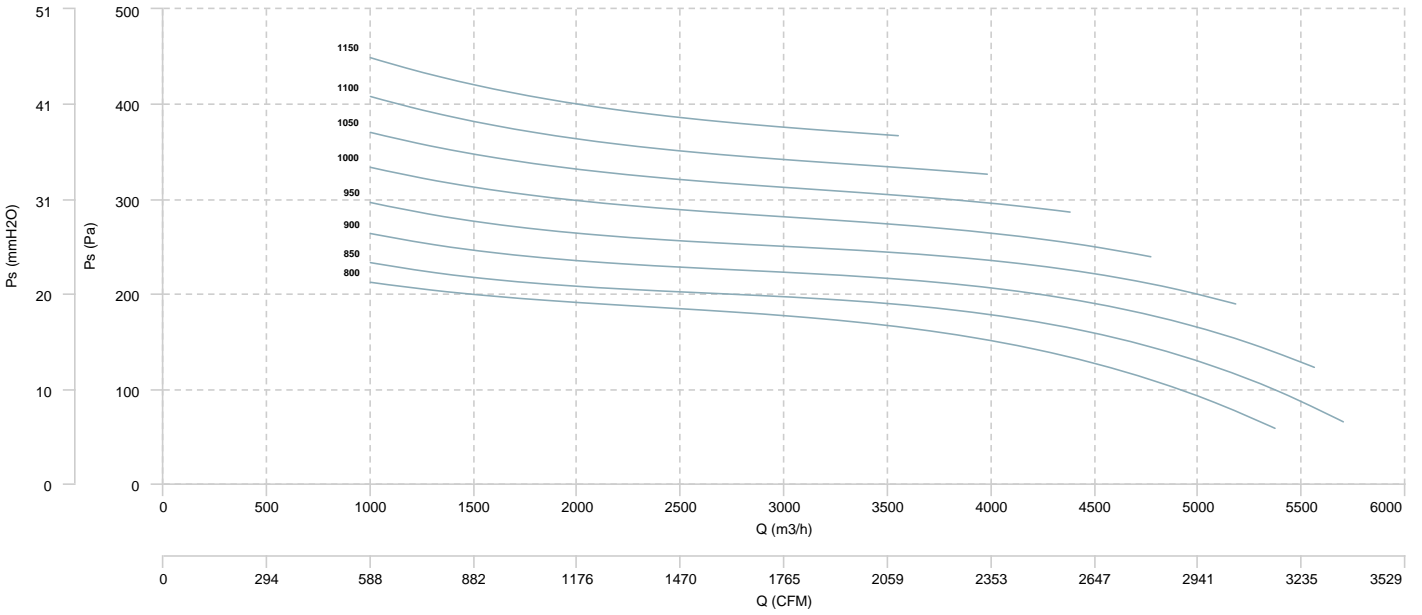


AIR FLOW - ABSORBED POWER

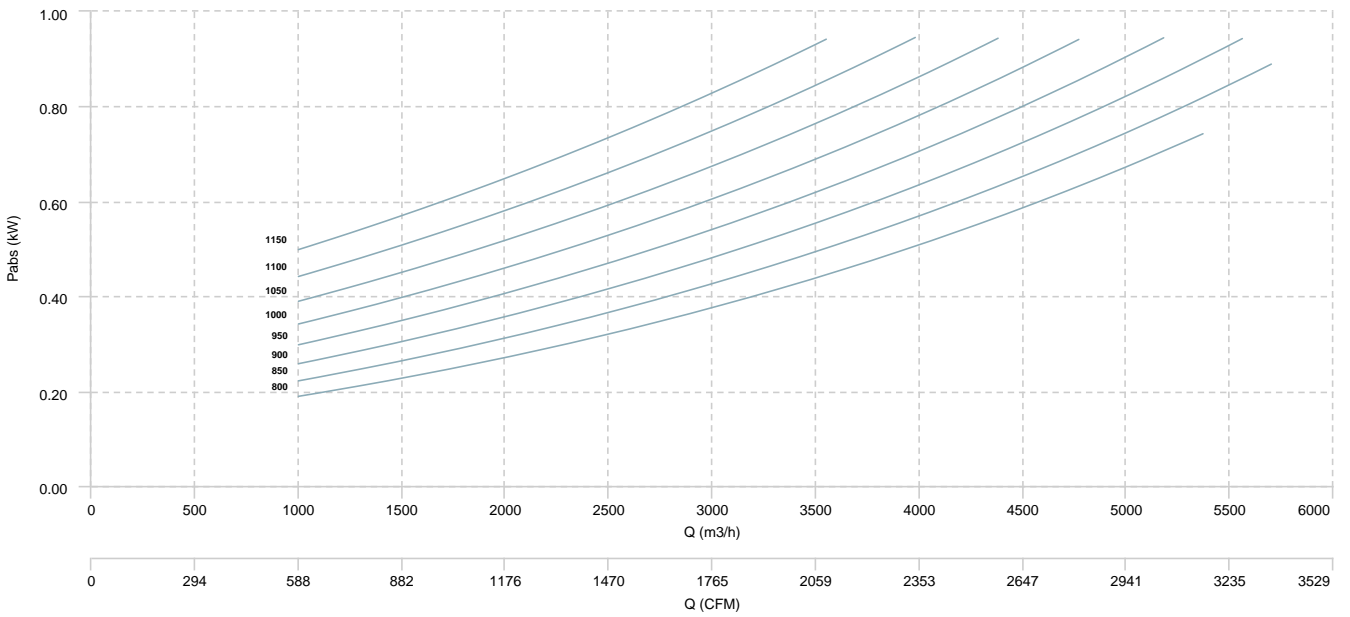


BOX BV 12/12 0,75kW

AIR FLOW - PRESSURE

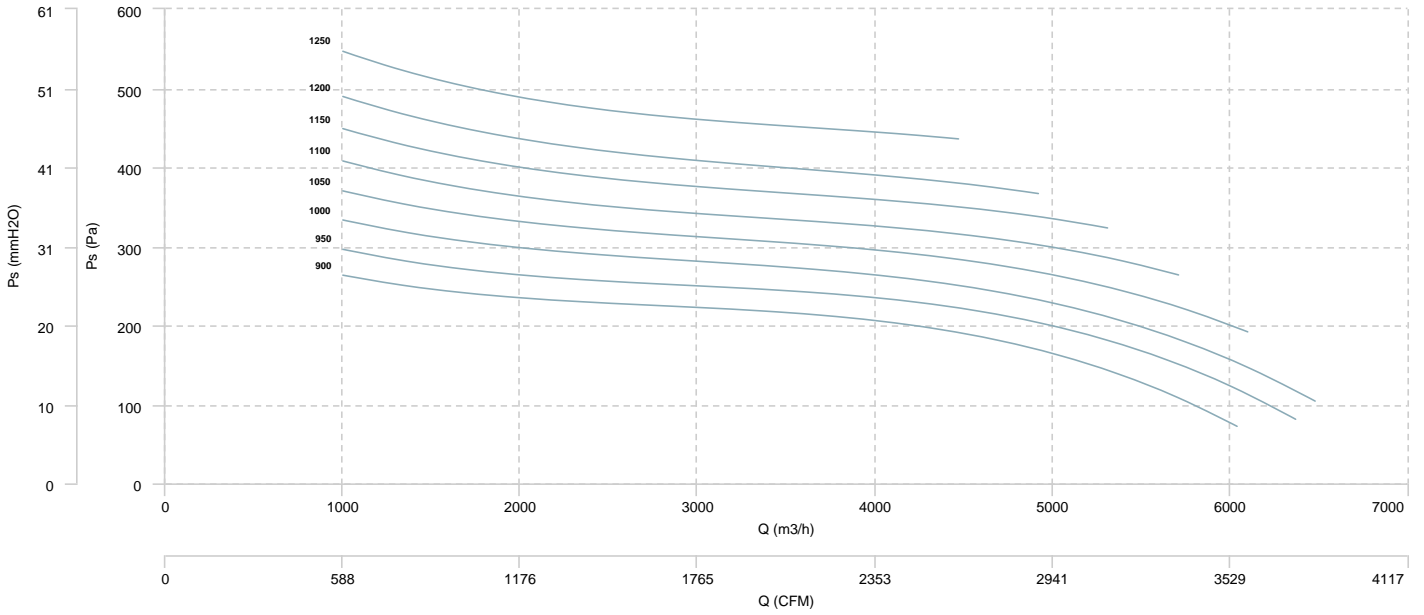


AIR FLOW - ABSORBED POWER

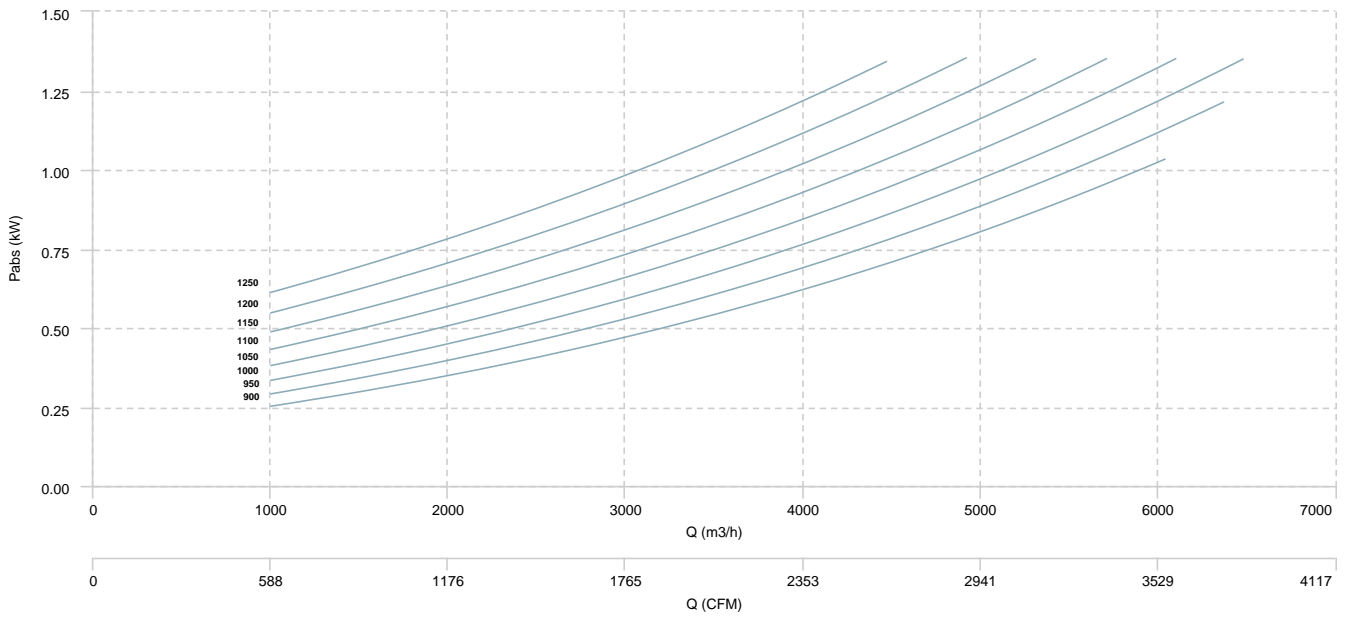


BOX BV 12/12 1,1kW

AIR FLOW - PRESSURE

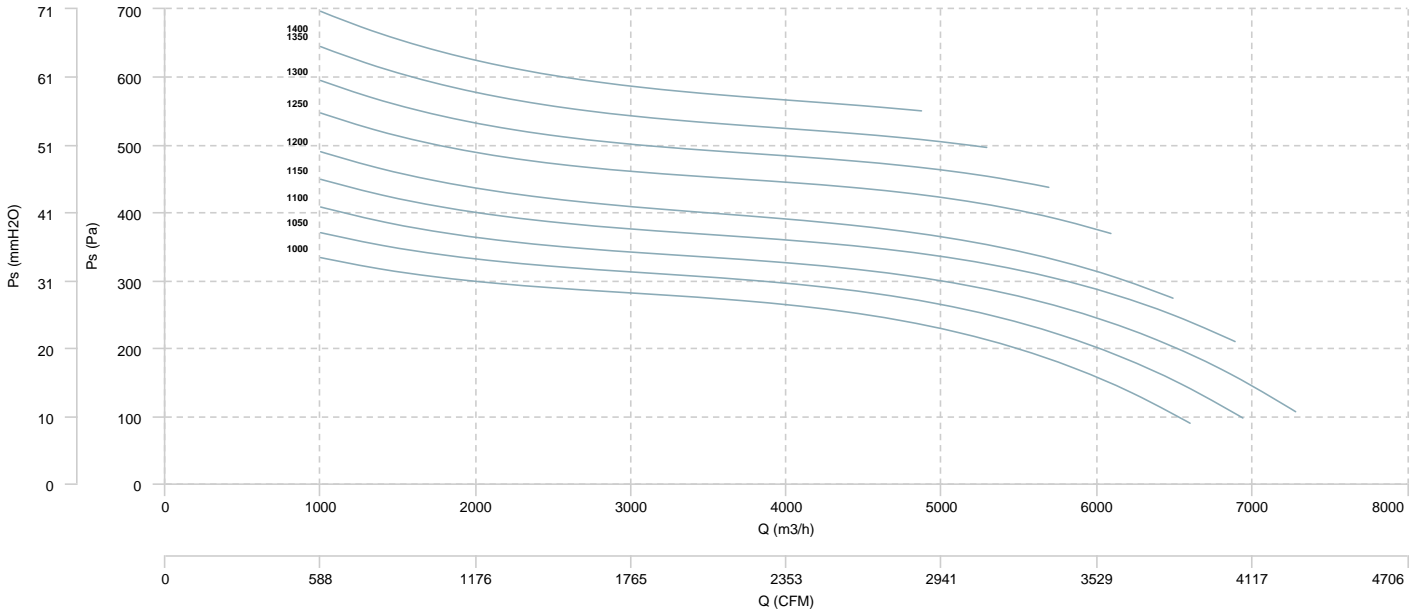


AIR FLOW - ABSORBED POWER

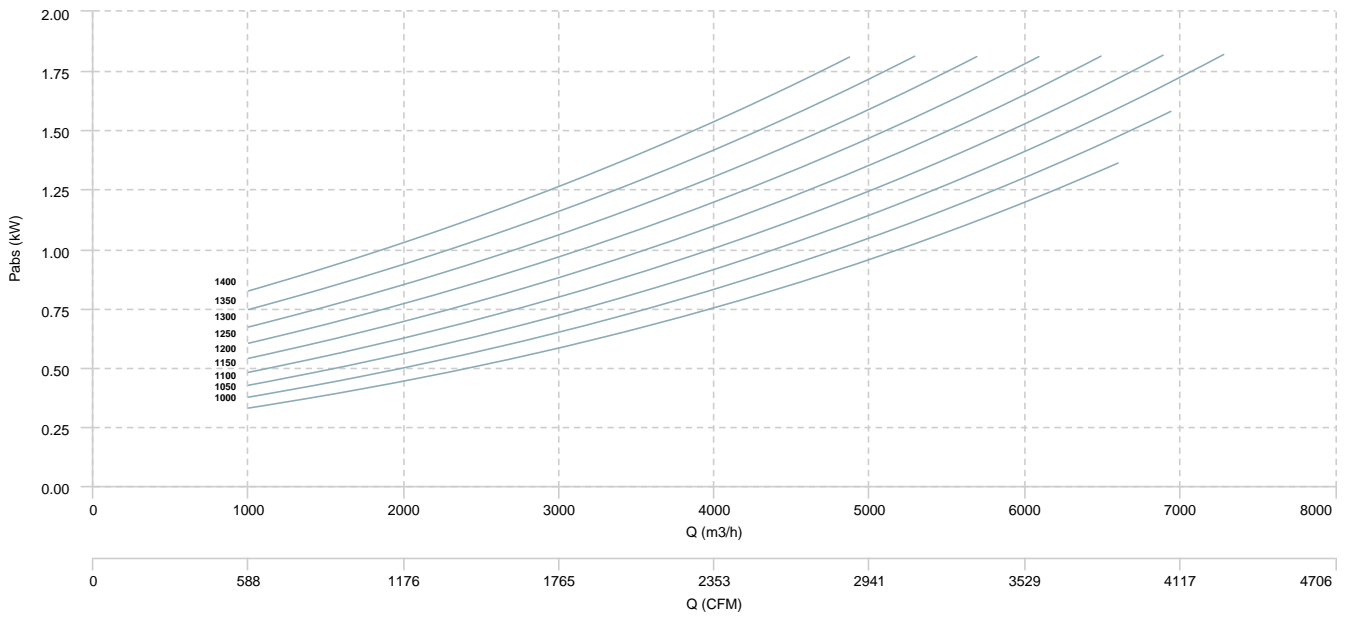


BOX BV 12/12 1,5kW

AIR FLOW - PRESSURE

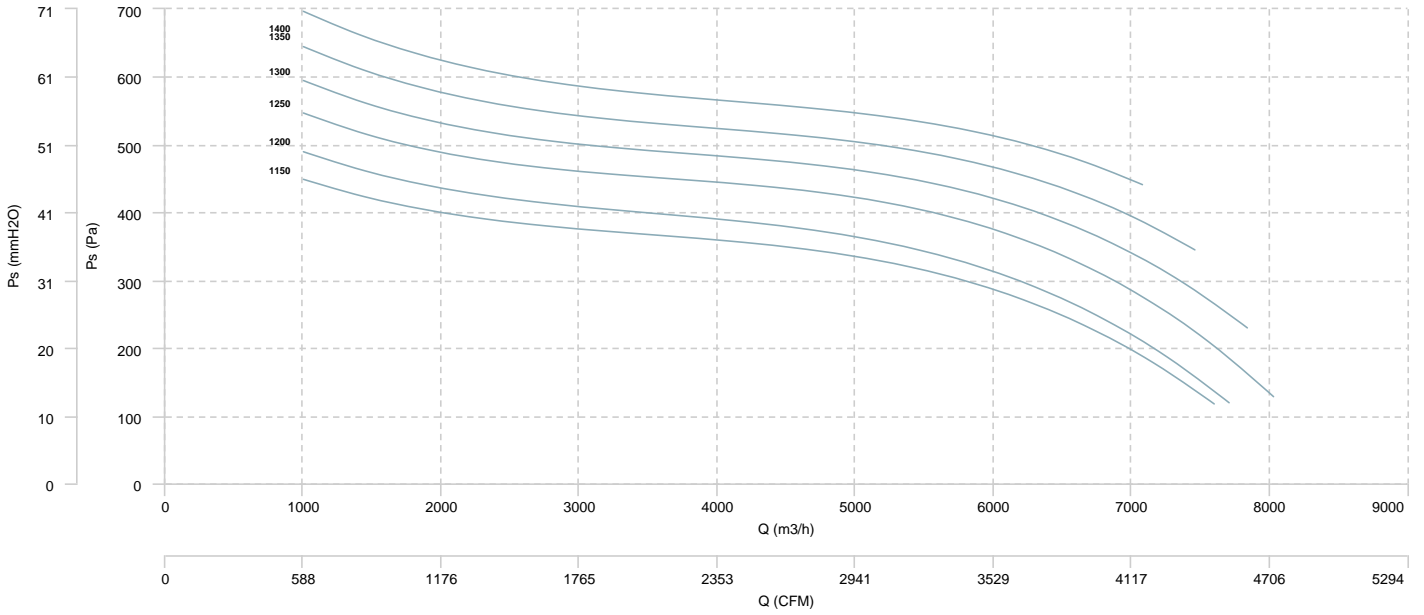


AIR FLOW - ABSORBED POWER

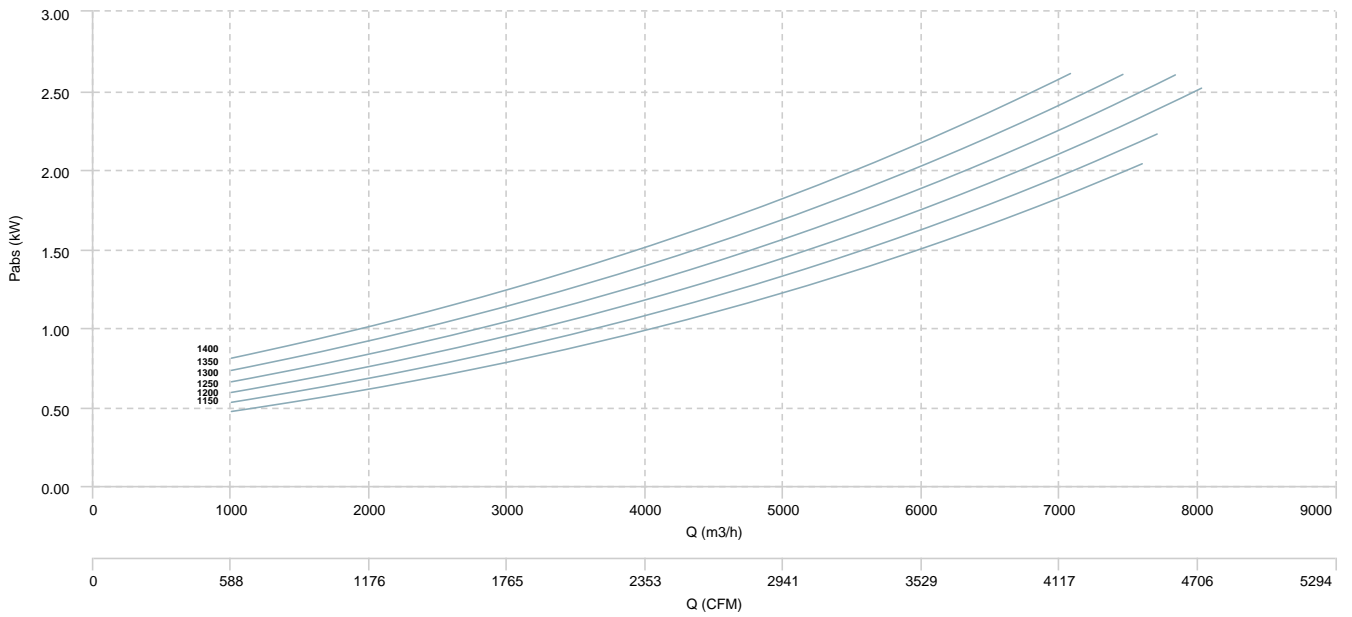


BOX BV 12/12 2,2kW

AIR FLOW - PRESSURE

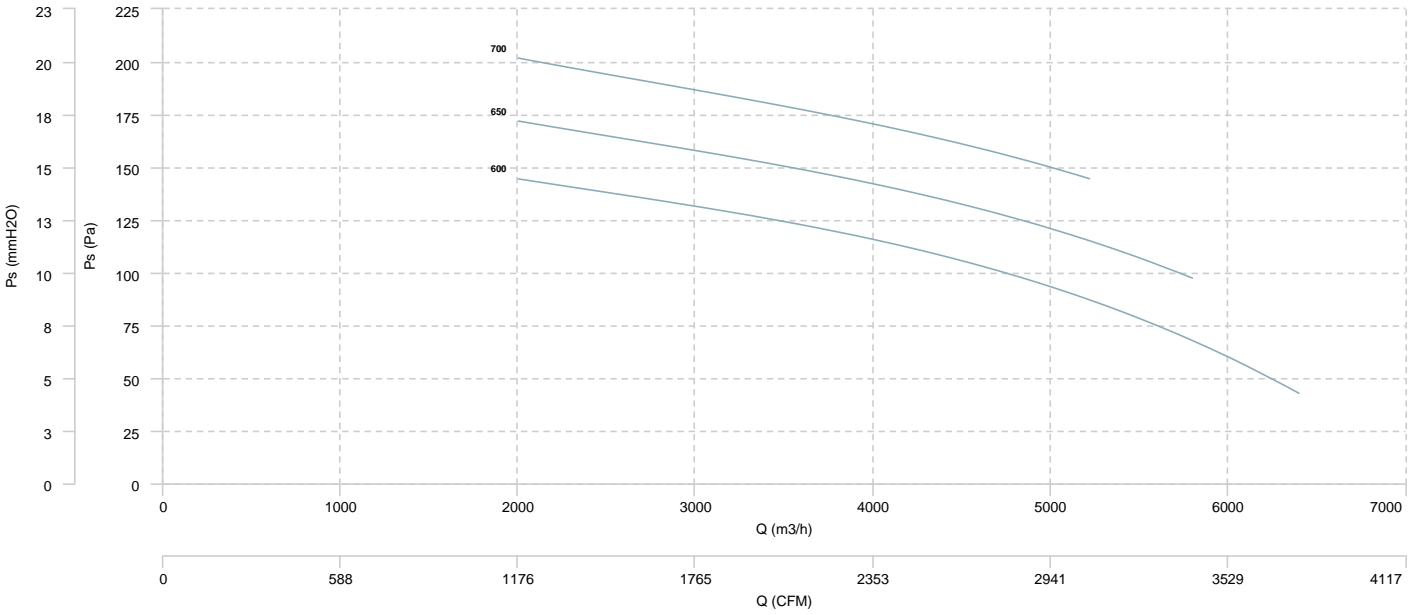


AIR FLOW - ABSORBED POWER

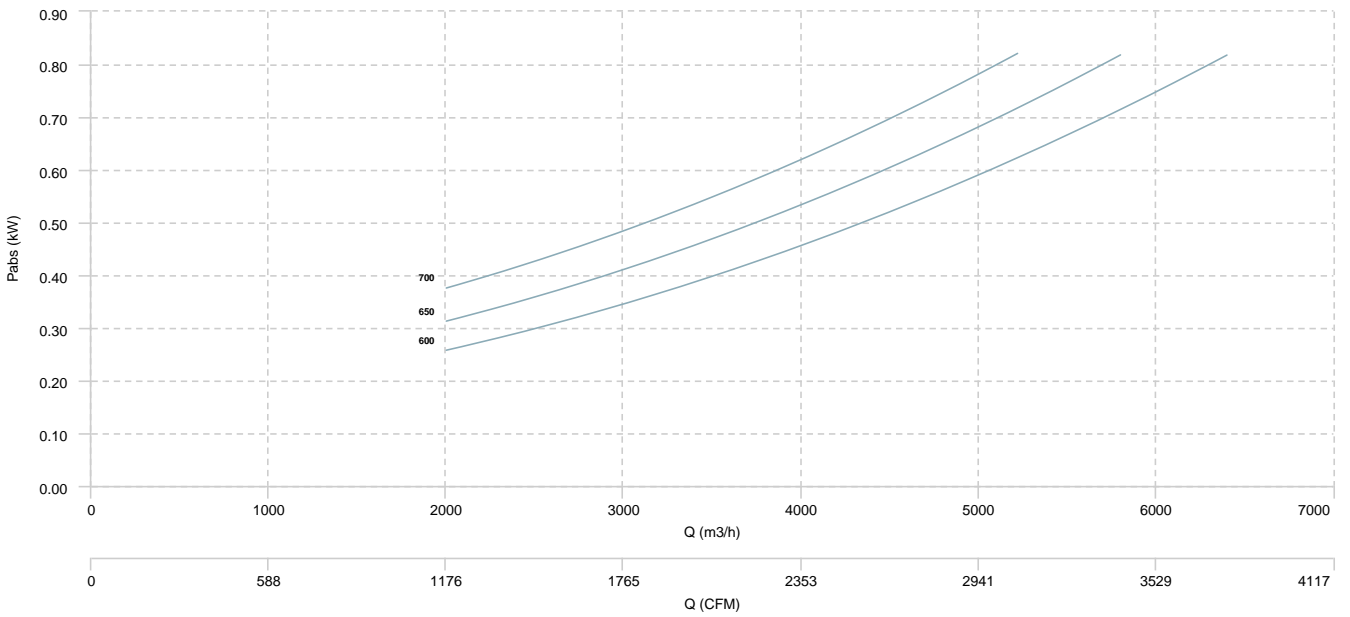


BOX BV 15/15 0,55kW

AIR FLOW - PRESSURE

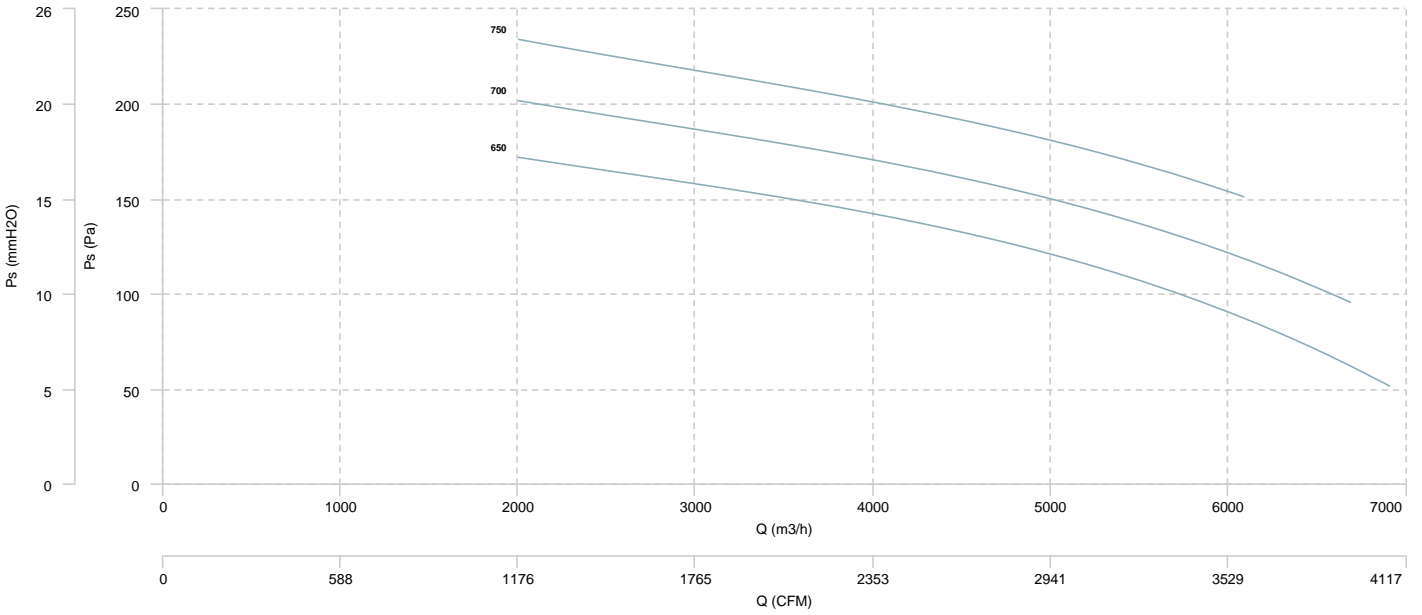


AIR FLOW - ABSORBED POWER

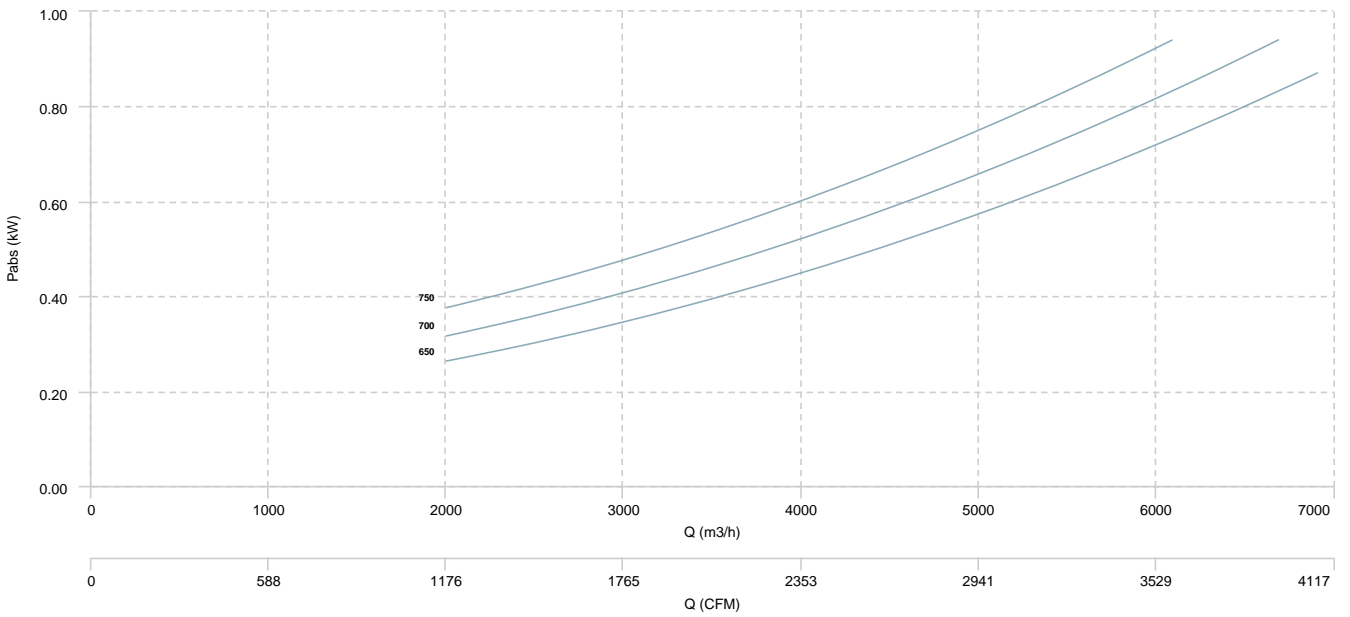


BOX BV 15/15 0,75kW

AIR FLOW - PRESSURE

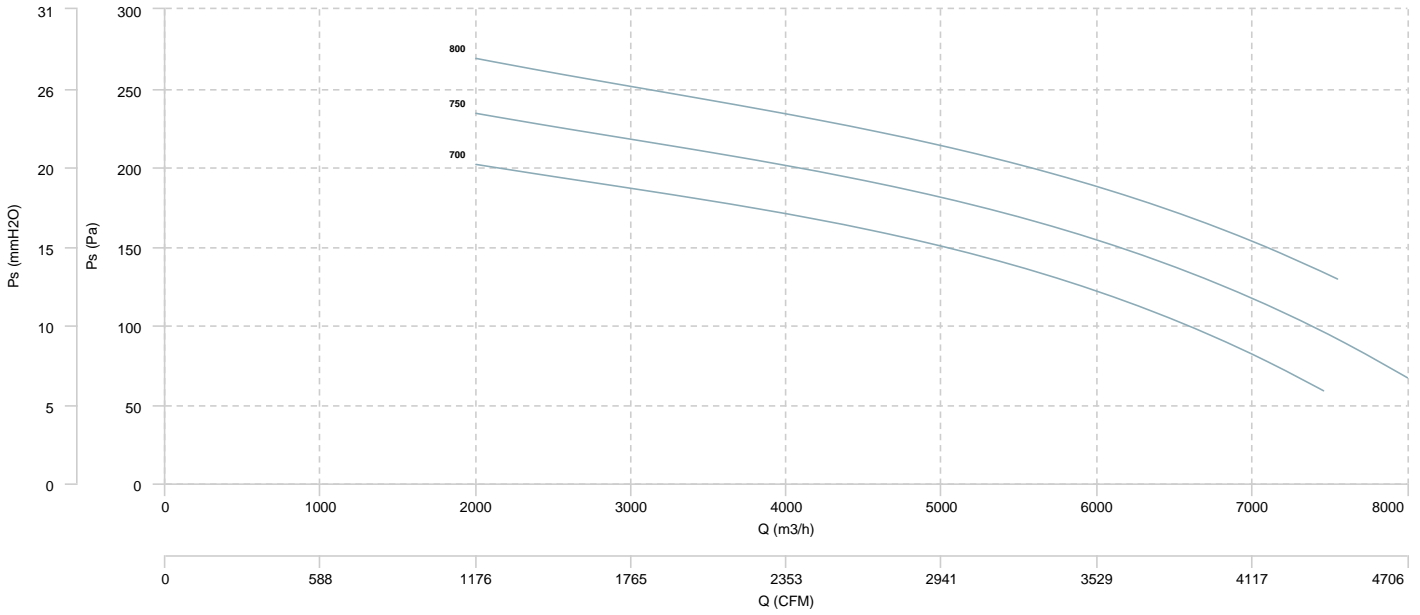


AIR FLOW - ABSORBED POWER

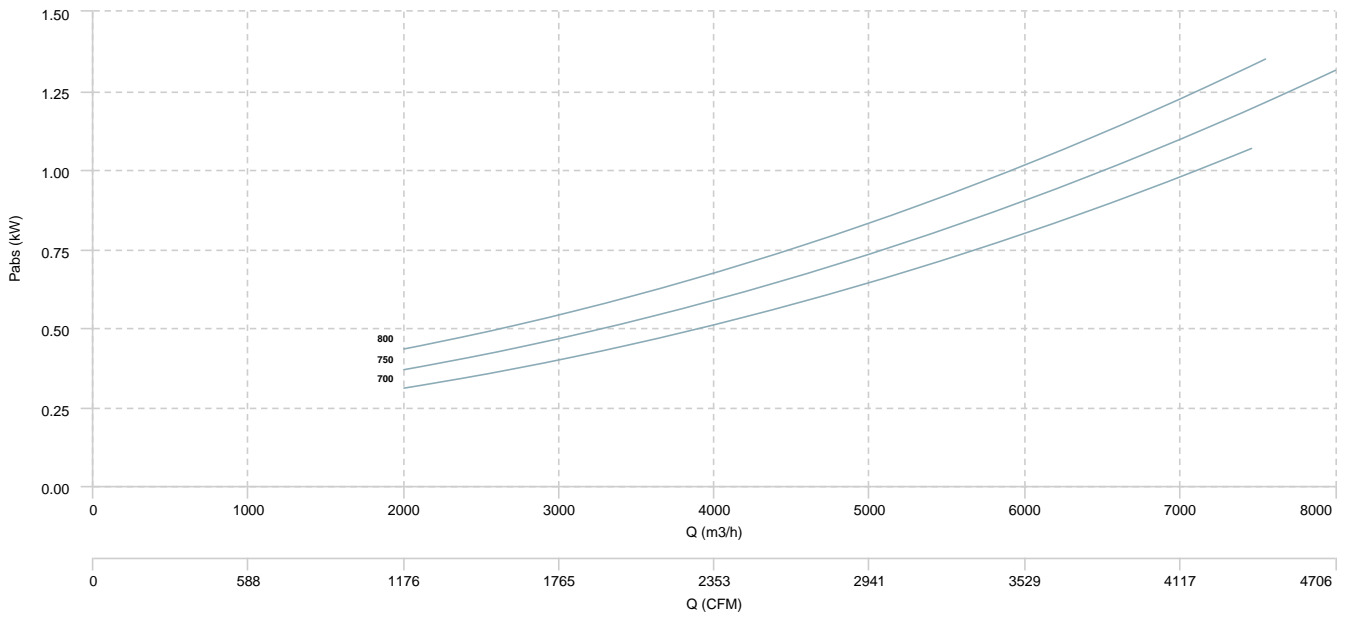


BOX BV 15/15 1,1kW

AIR FLOW - PRESSURE

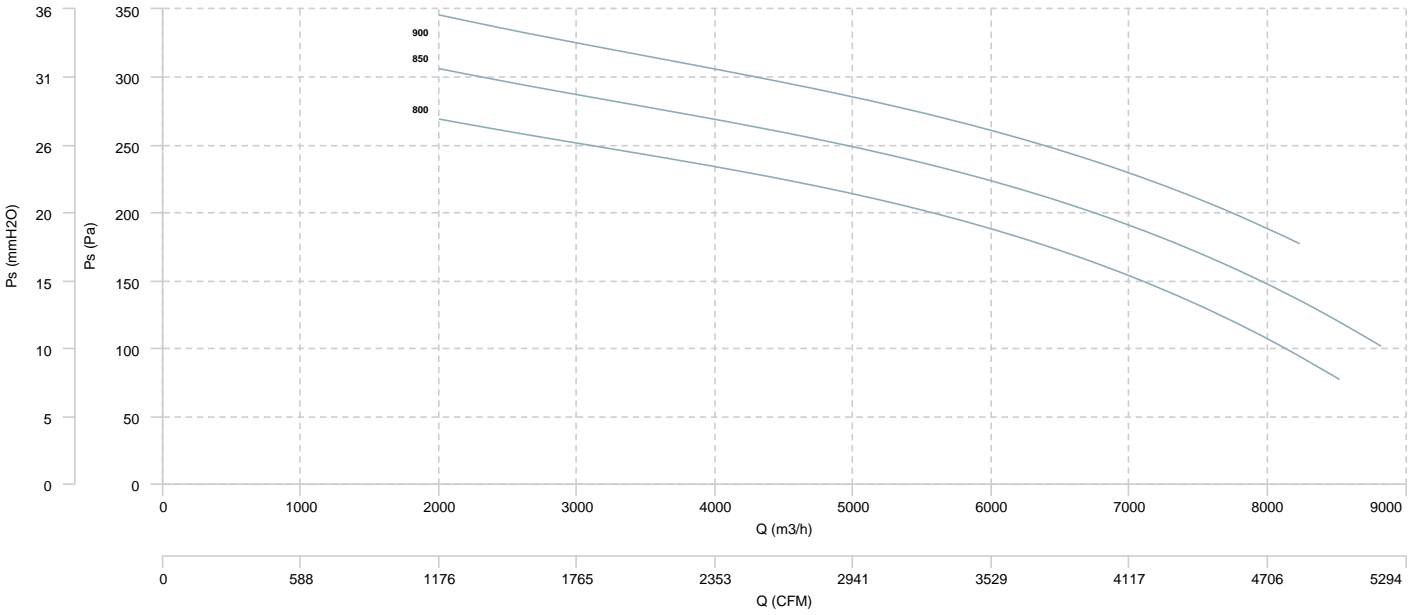


AIR FLOW - ABSORBED POWER

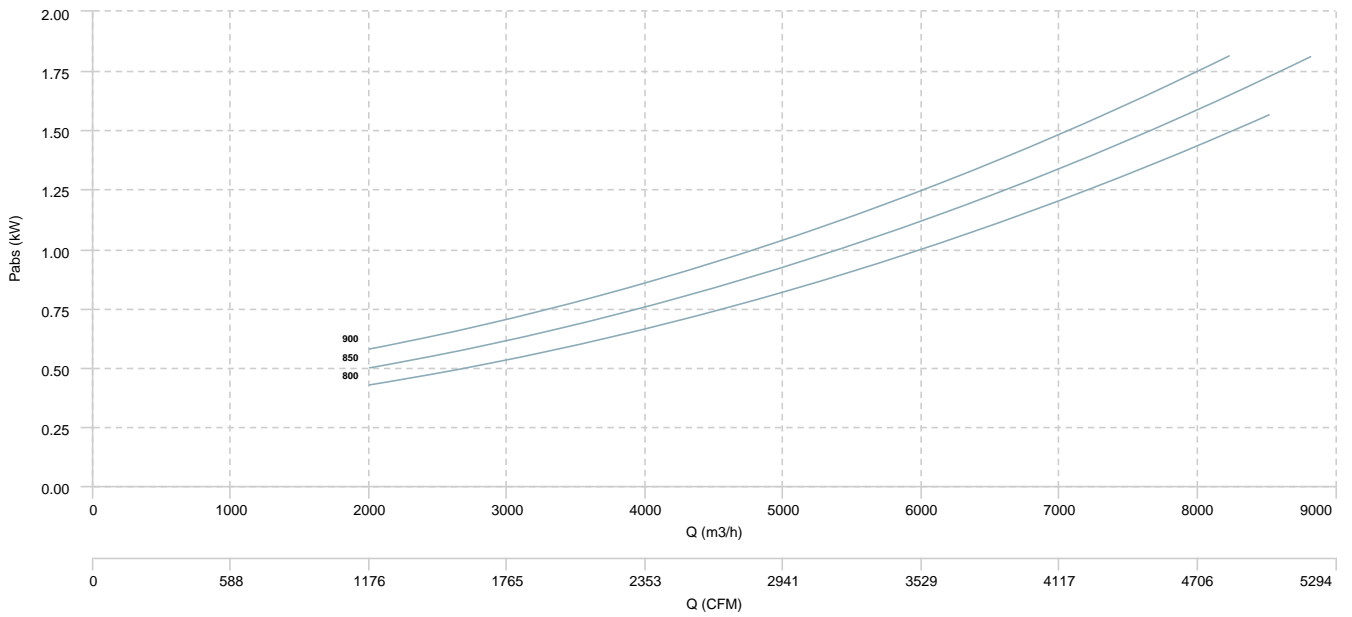


BOX BV 15/15 1,5kW

AIR FLOW - PRESSURE

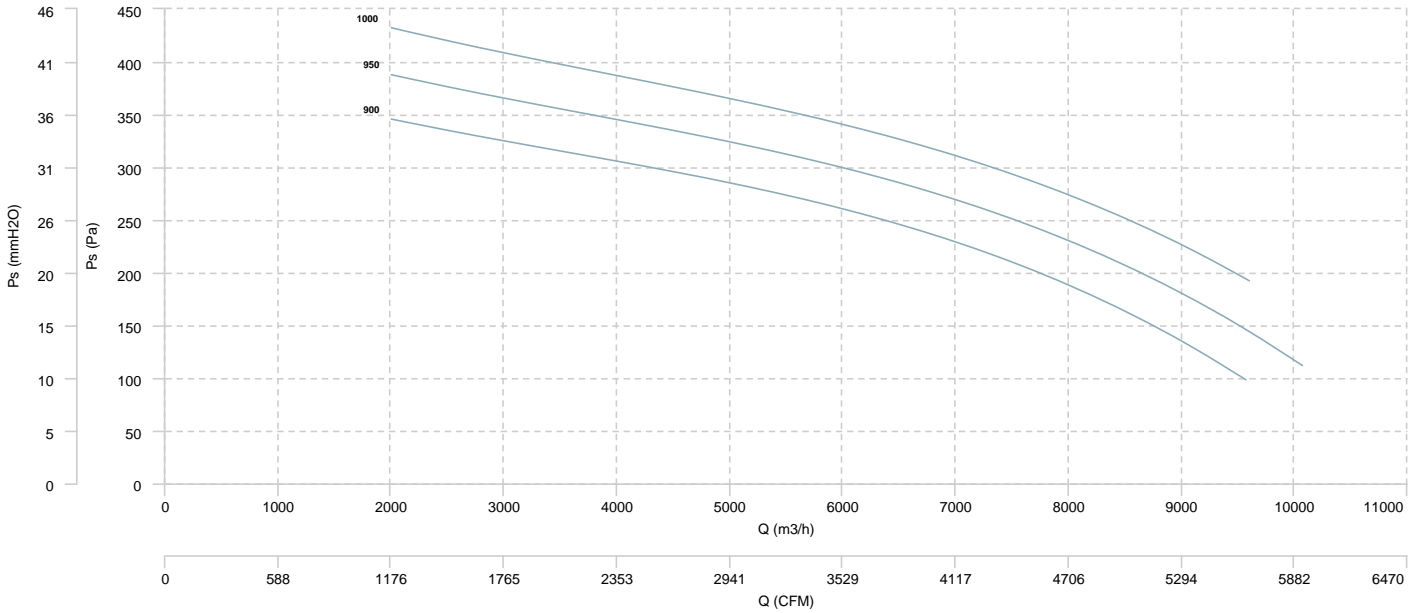


AIR FLOW - ABSORBED POWER

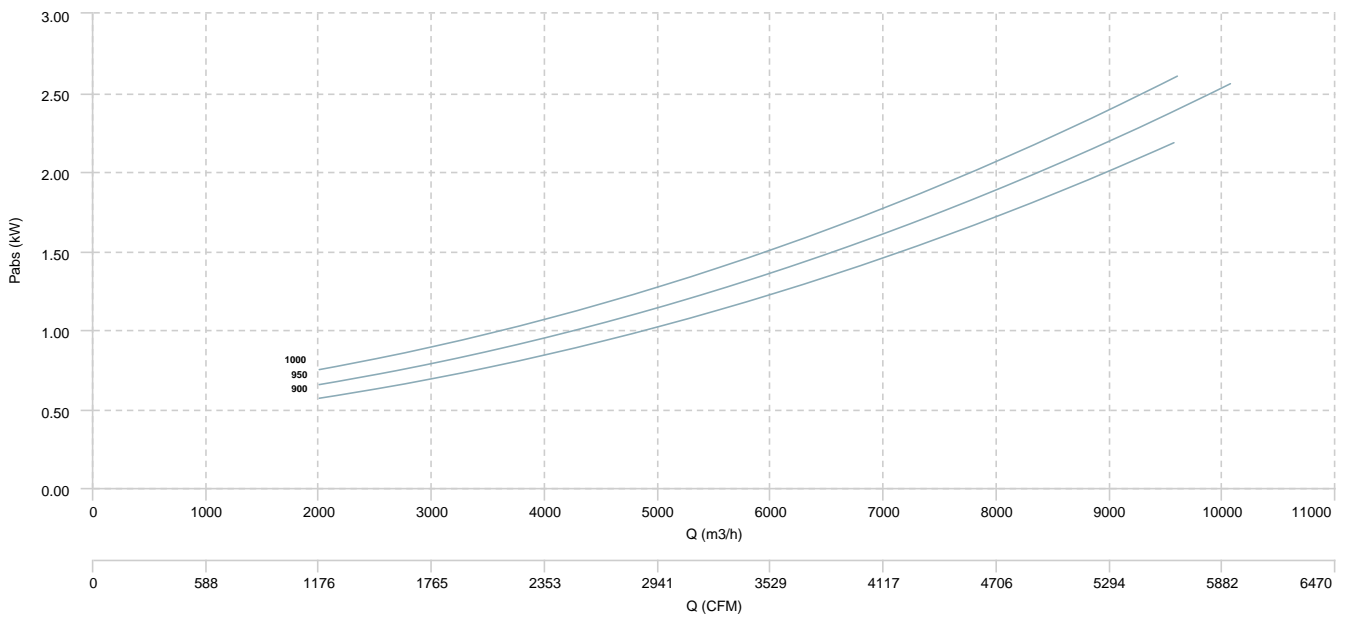


BOX BV 15/15 2,2kW

AIR FLOW - PRESSURE

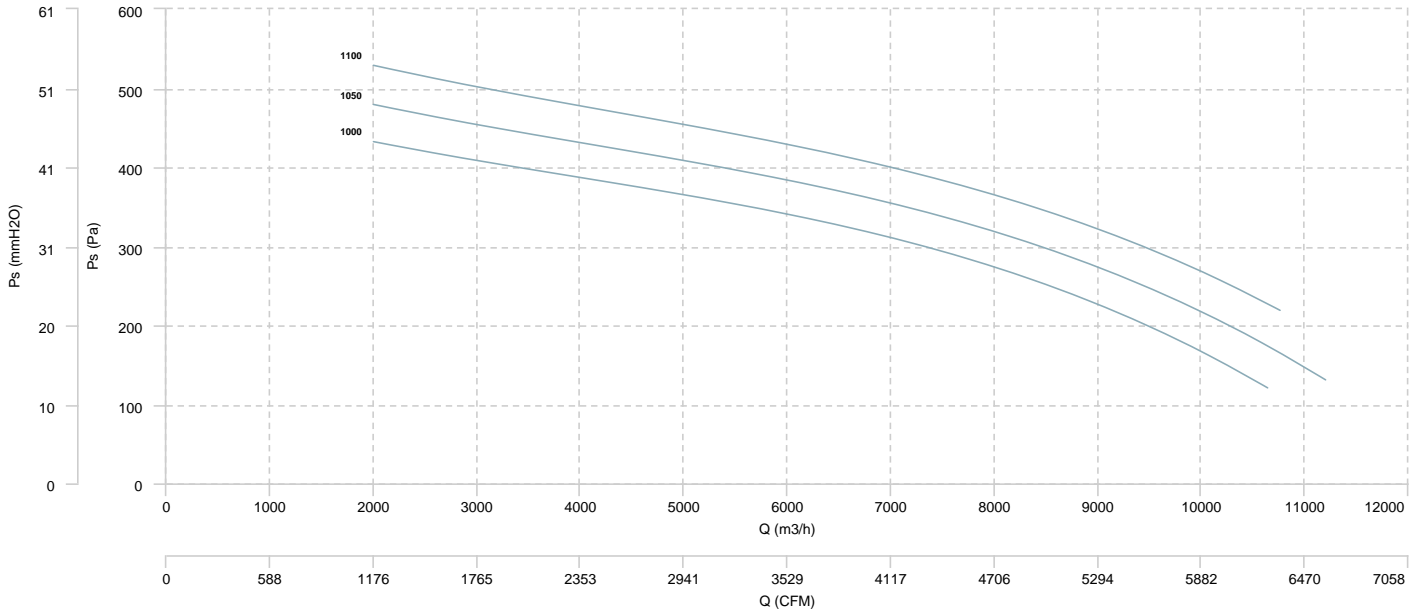


AIR FLOW - ABSORBED POWER

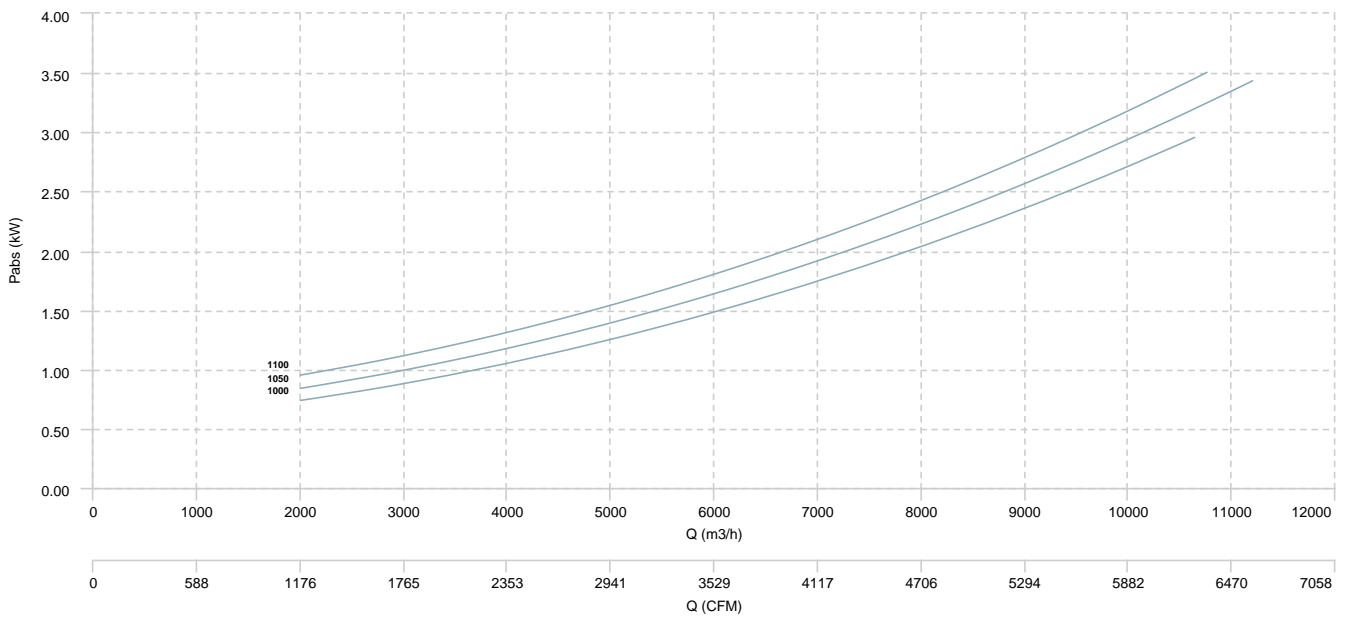


BOX BV 15/15 3kW

AIR FLOW - PRESSURE

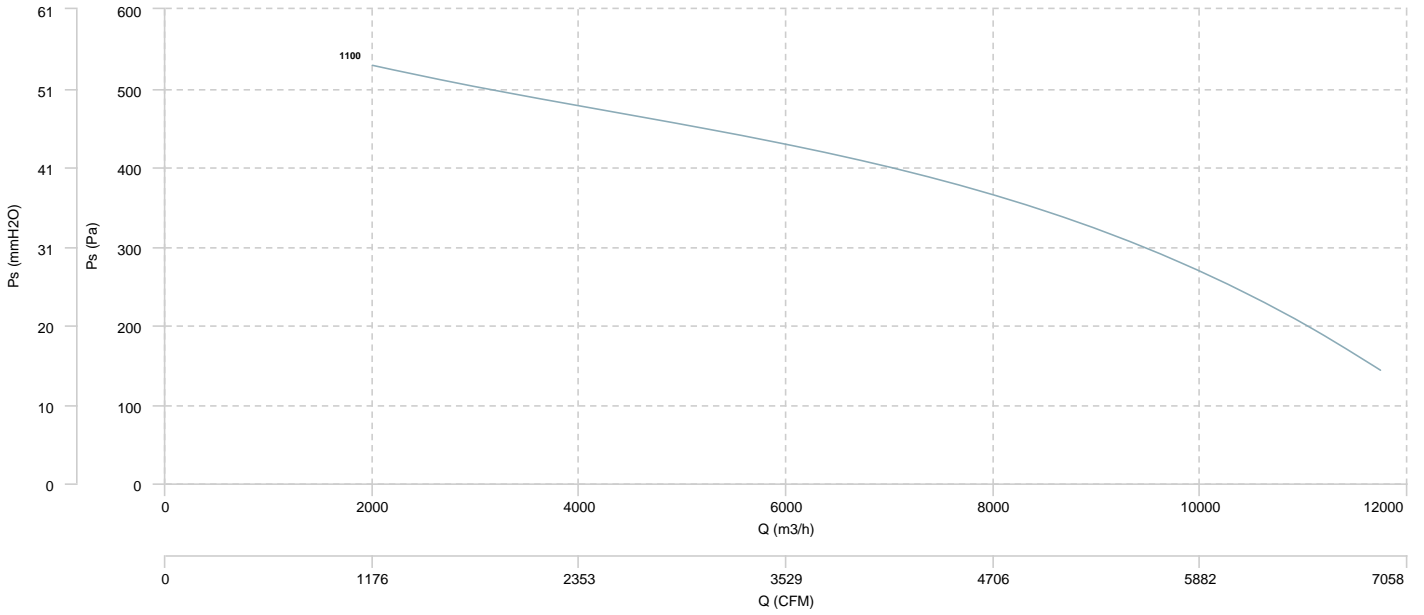


AIR FLOW - ABSORBED POWER

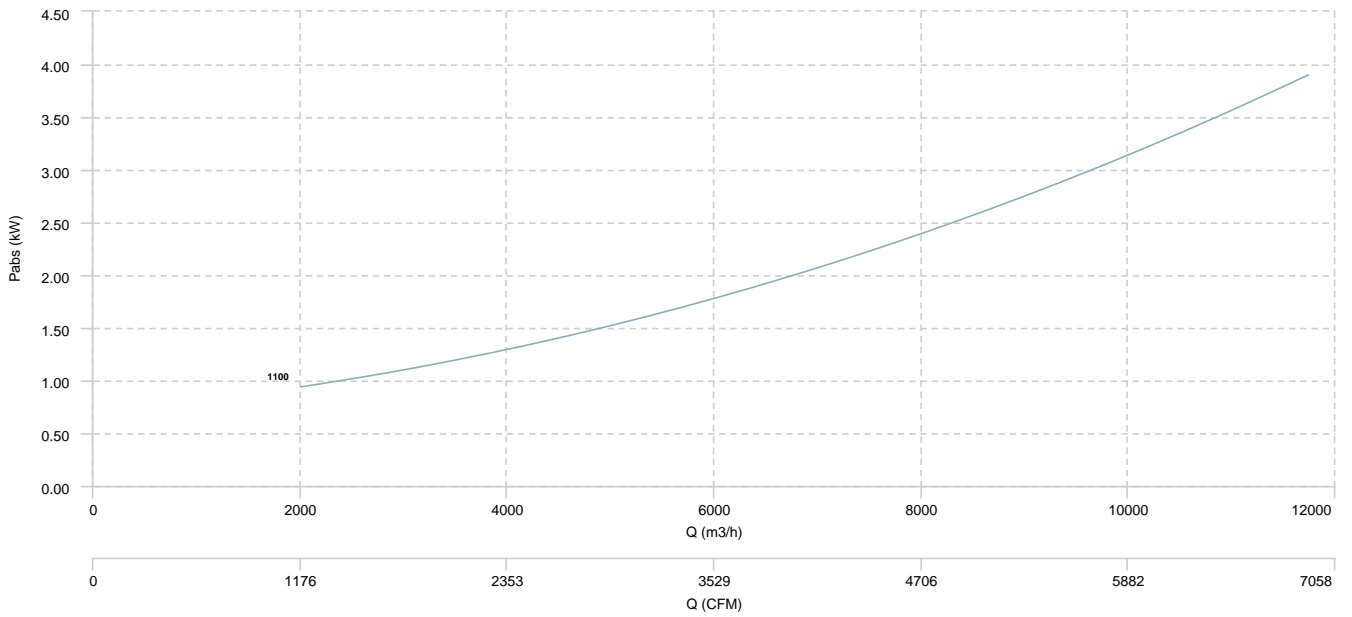


BOX BV 15/15 4kW

AIR FLOW - PRESSURE

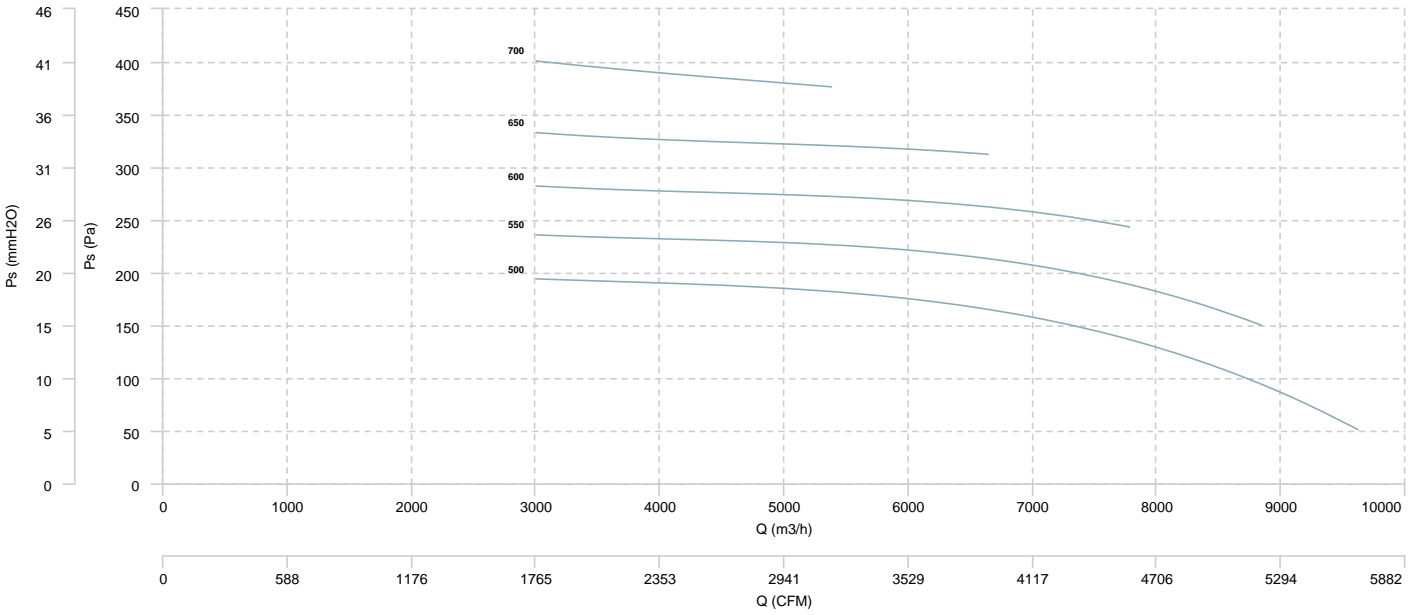


AIR FLOW - ABSORBED POWER

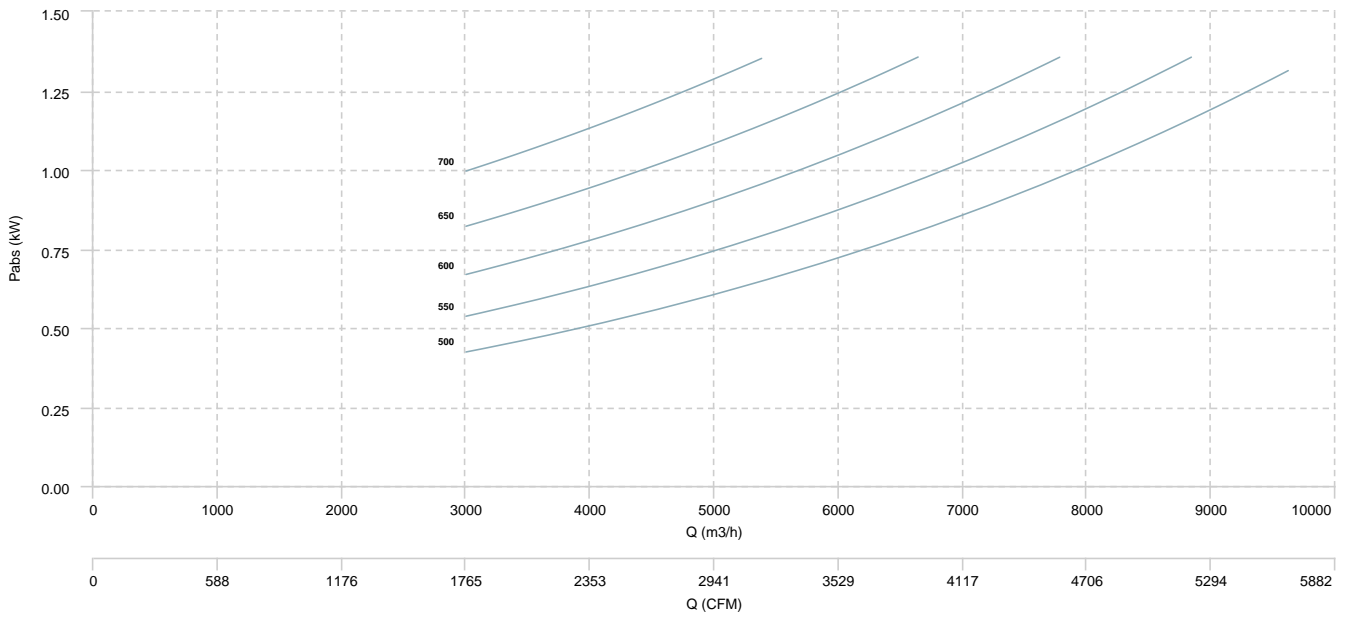


BOX BV 18/18 1,1kW

AIR FLOW - PRESSURE

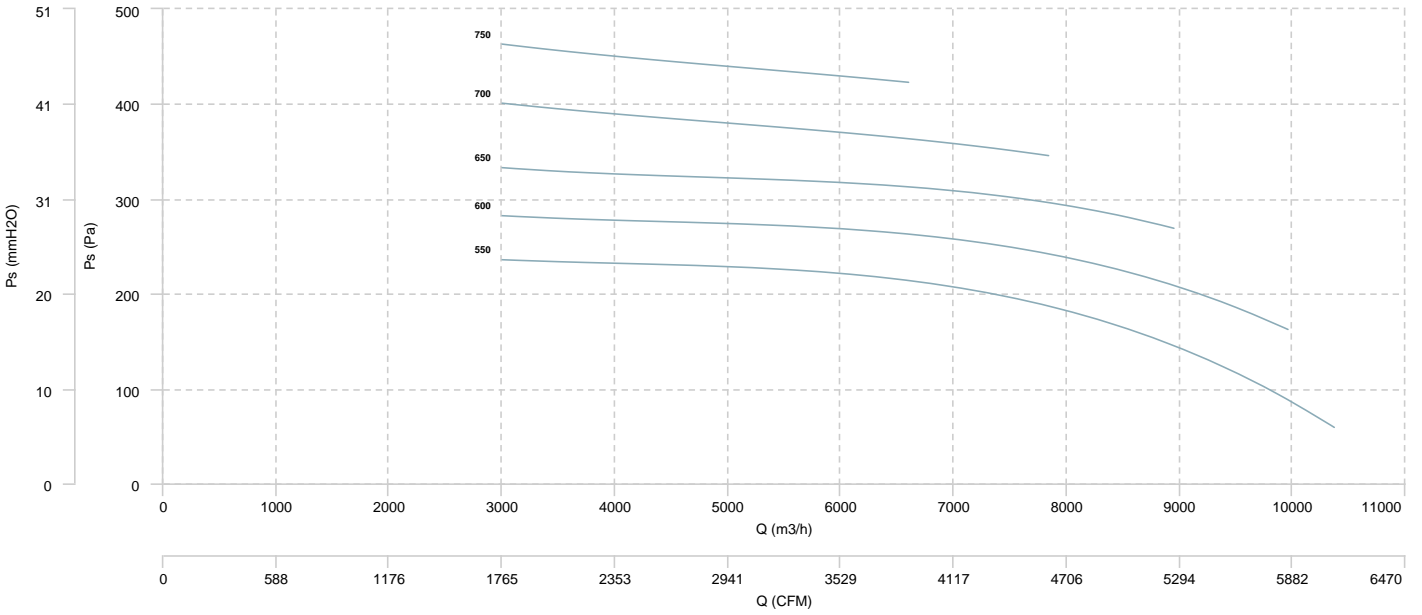


AIR FLOW - ABSORBED POWER

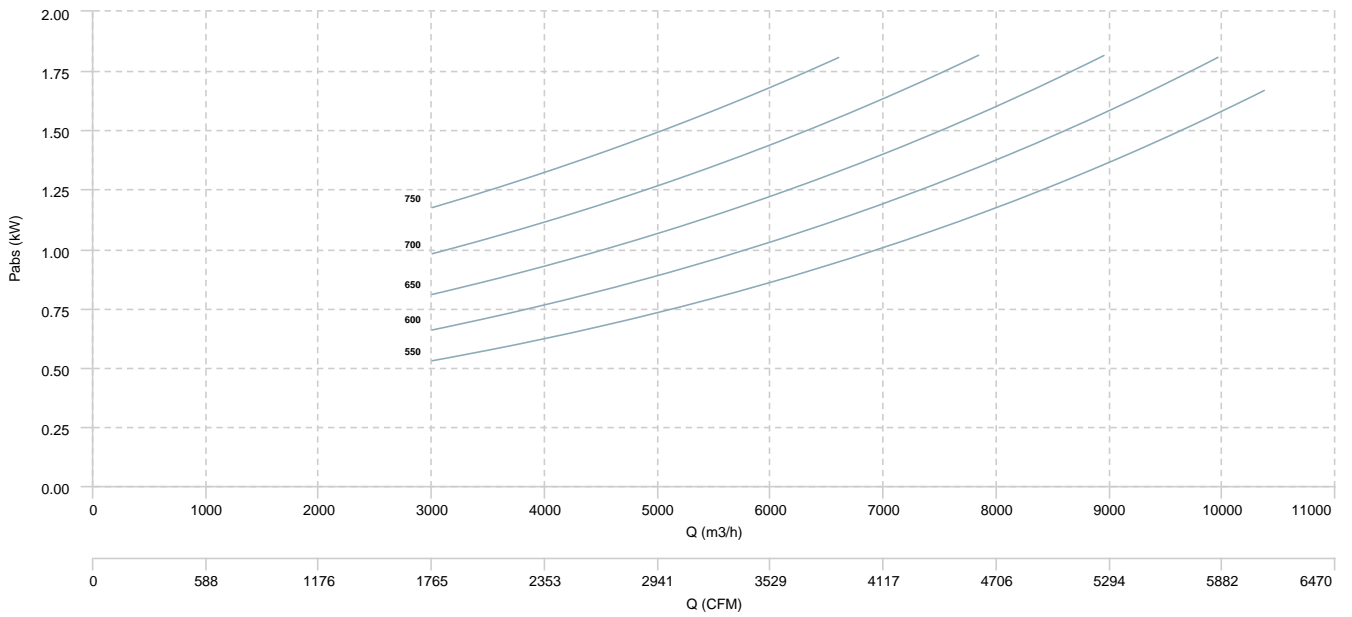


BOX BV 18/18 1,5kW

AIR FLOW - PRESSURE

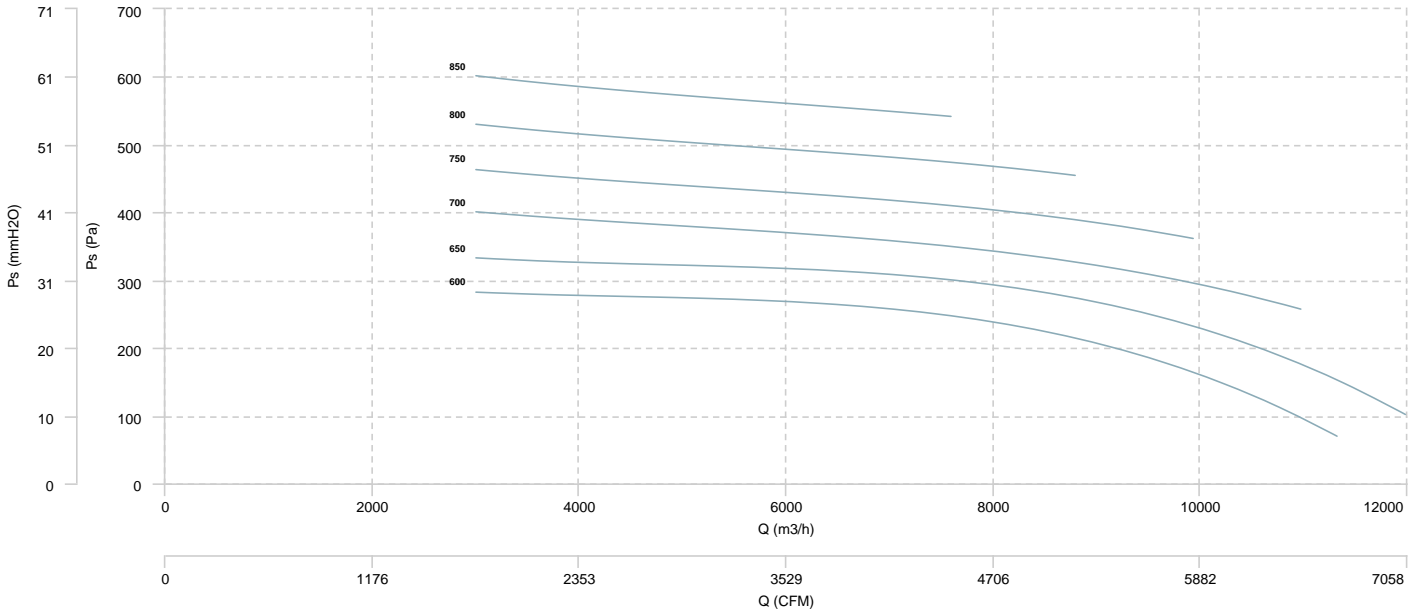


AIR FLOW - ABSORBED POWER

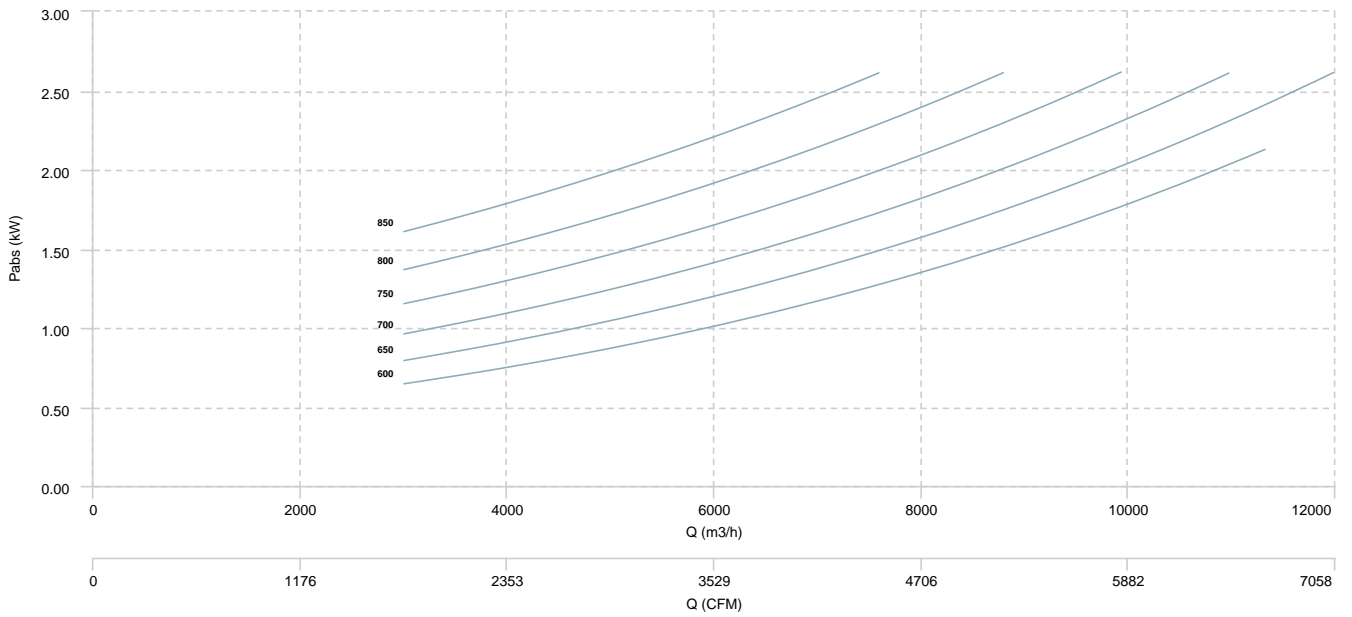


BOX BV 18/18 2,2kW

AIR FLOW - PRESSURE

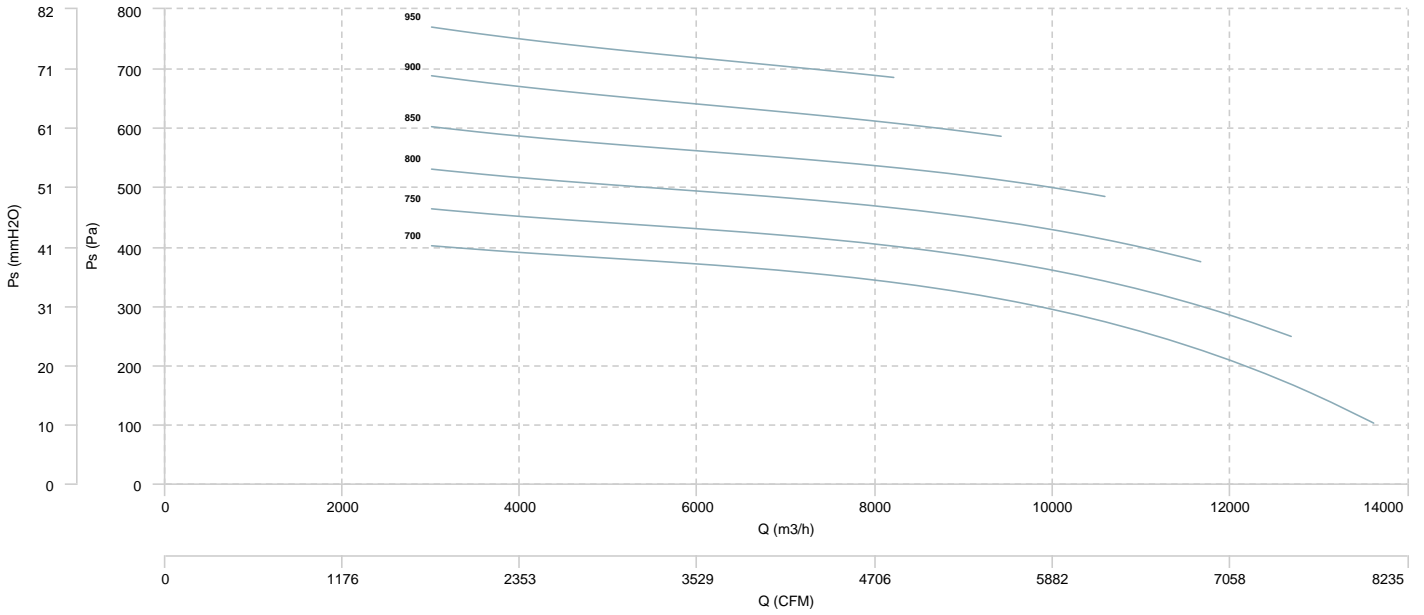


AIR FLOW - ABSORBED POWER

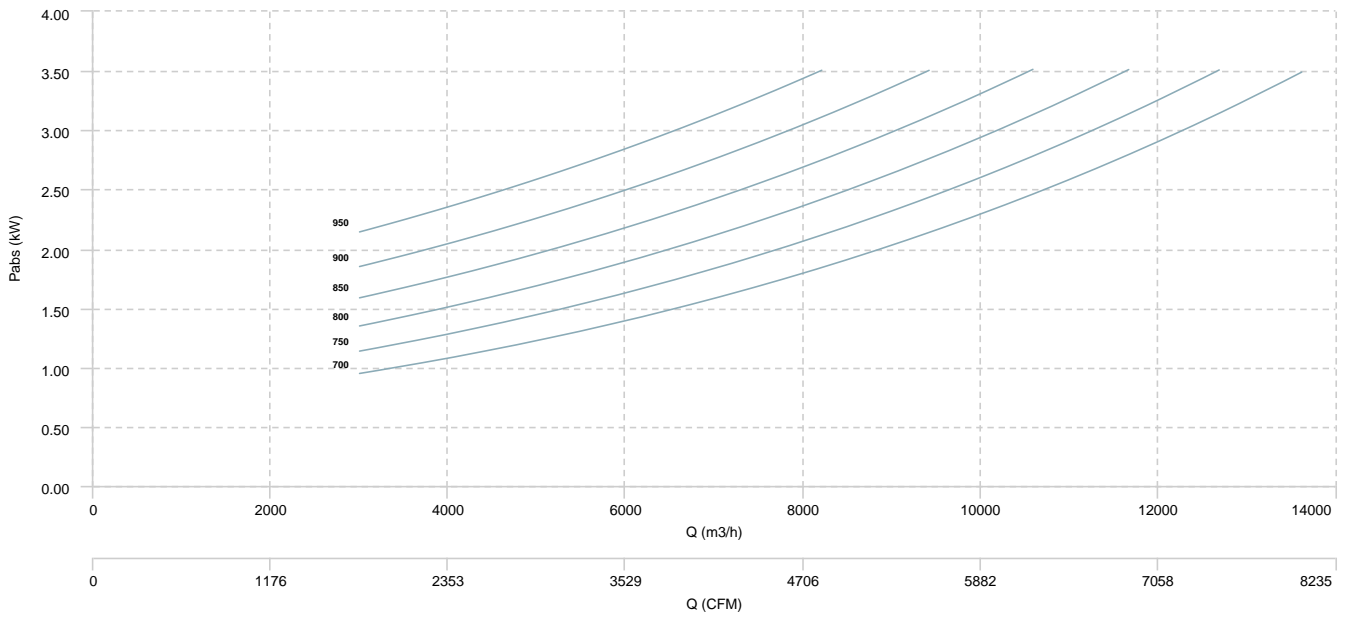


BOX BV 18/18 3kW

AIR FLOW - PRESSURE

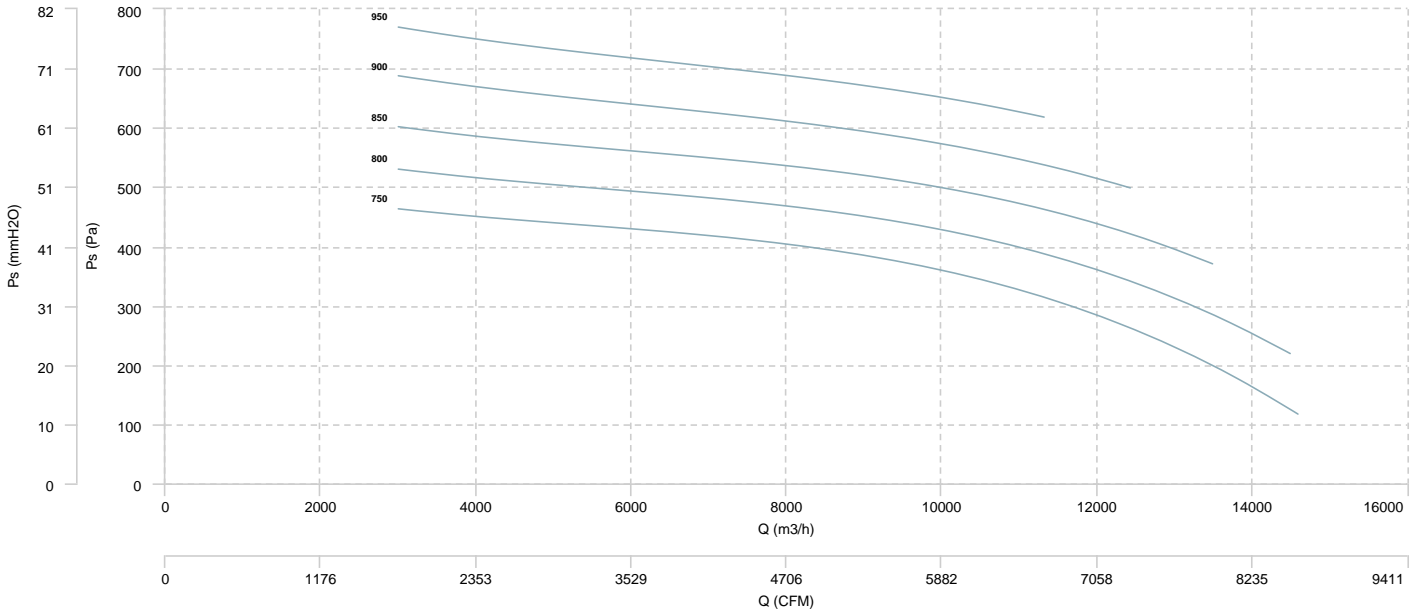


AIR FLOW - ABSORBED POWER

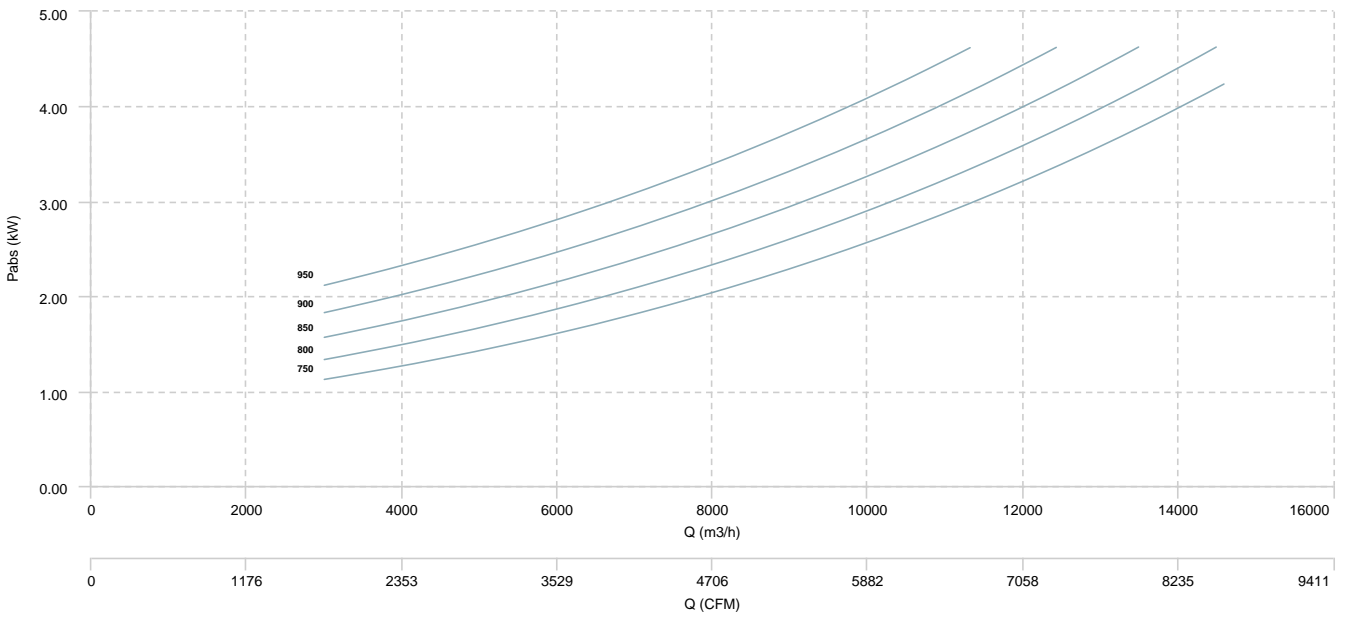


BOX BV 18/18 4kW

AIR FLOW - PRESSURE

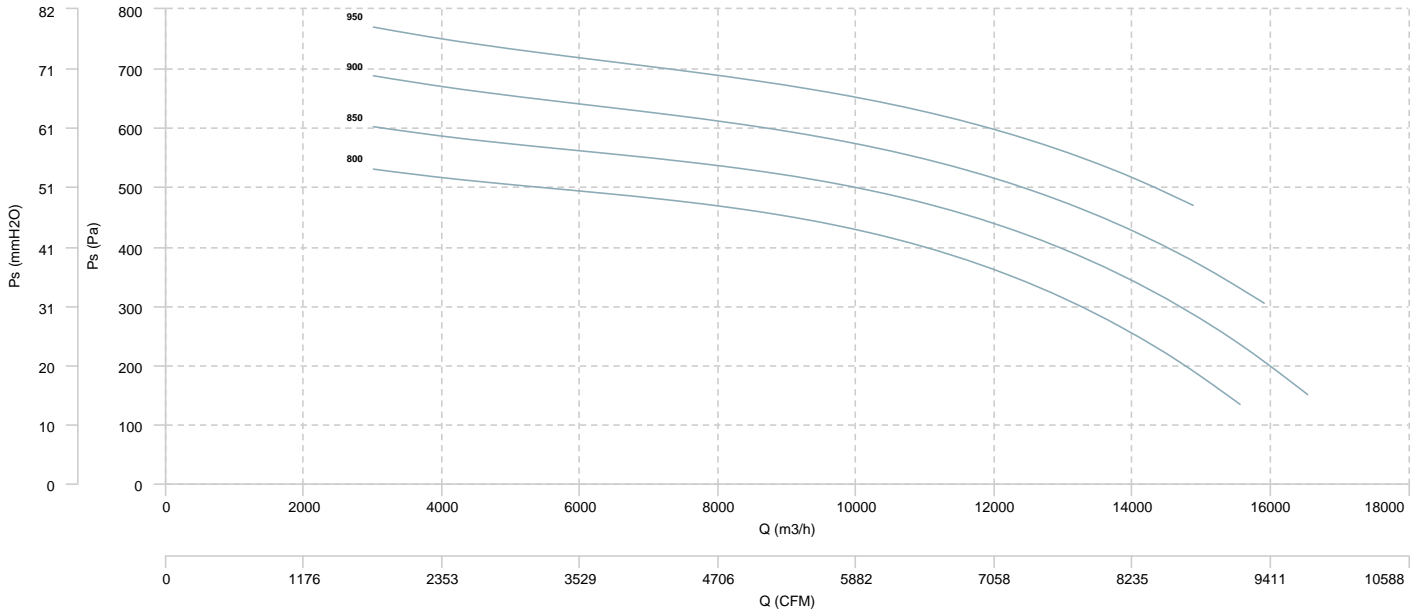


AIR FLOW - ABSORBED POWER

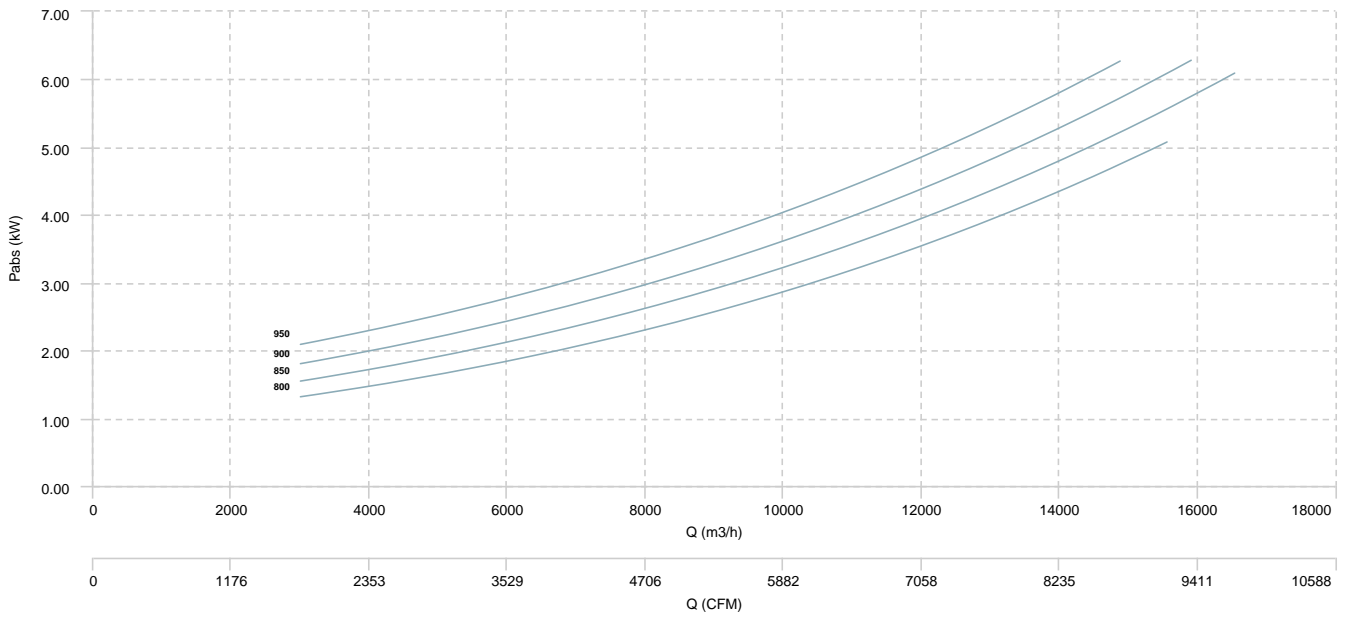


BOX BV 18/18 5,5kW

AIR FLOW - PRESSURE

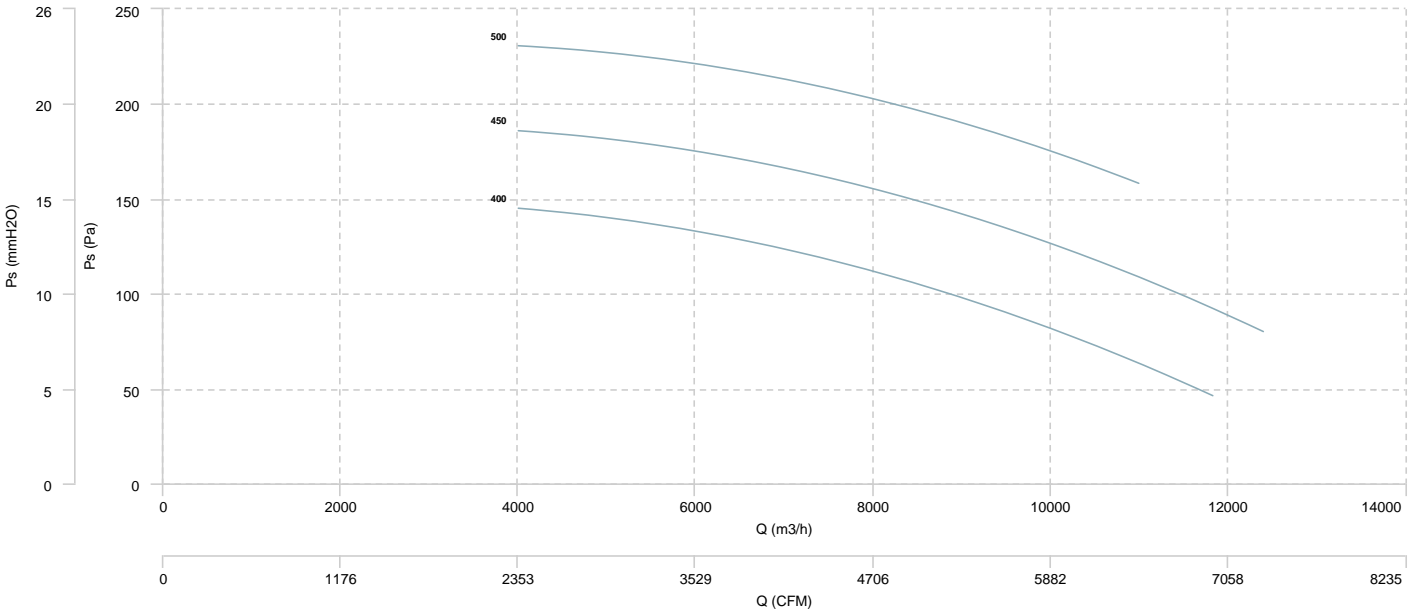


AIR FLOW - ABSORBED POWER

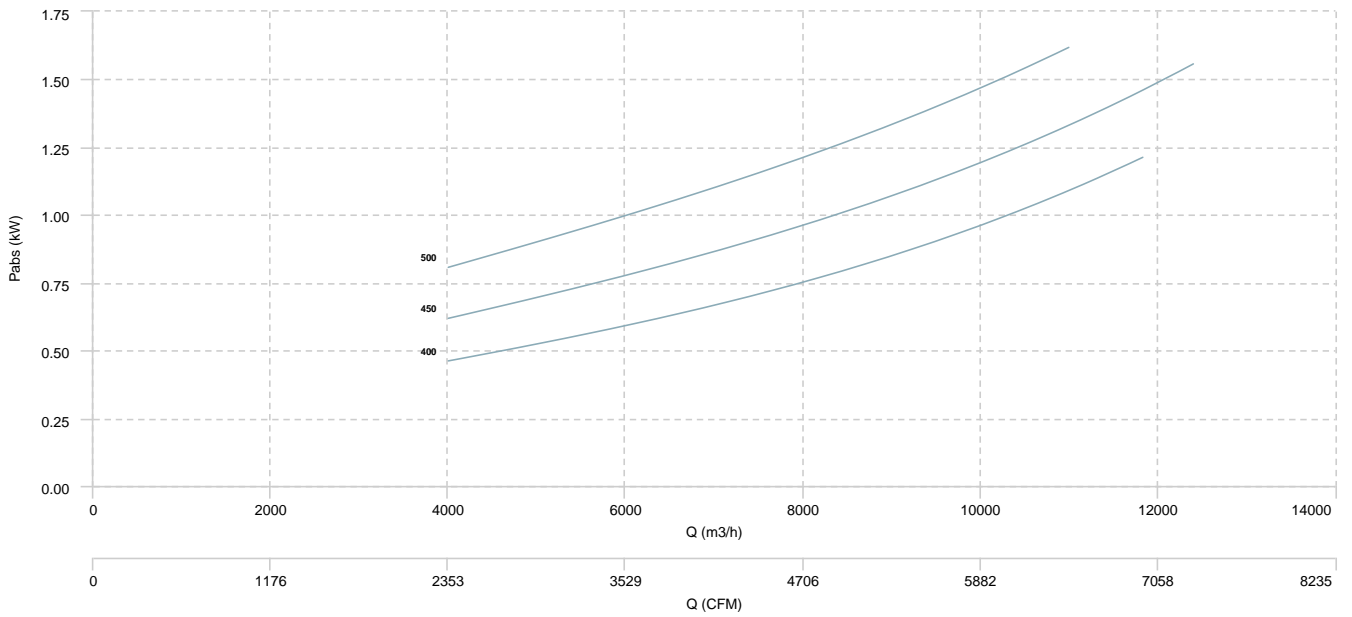


BOX BV 20/20 1,5kW

AIR FLOW - PRESSURE

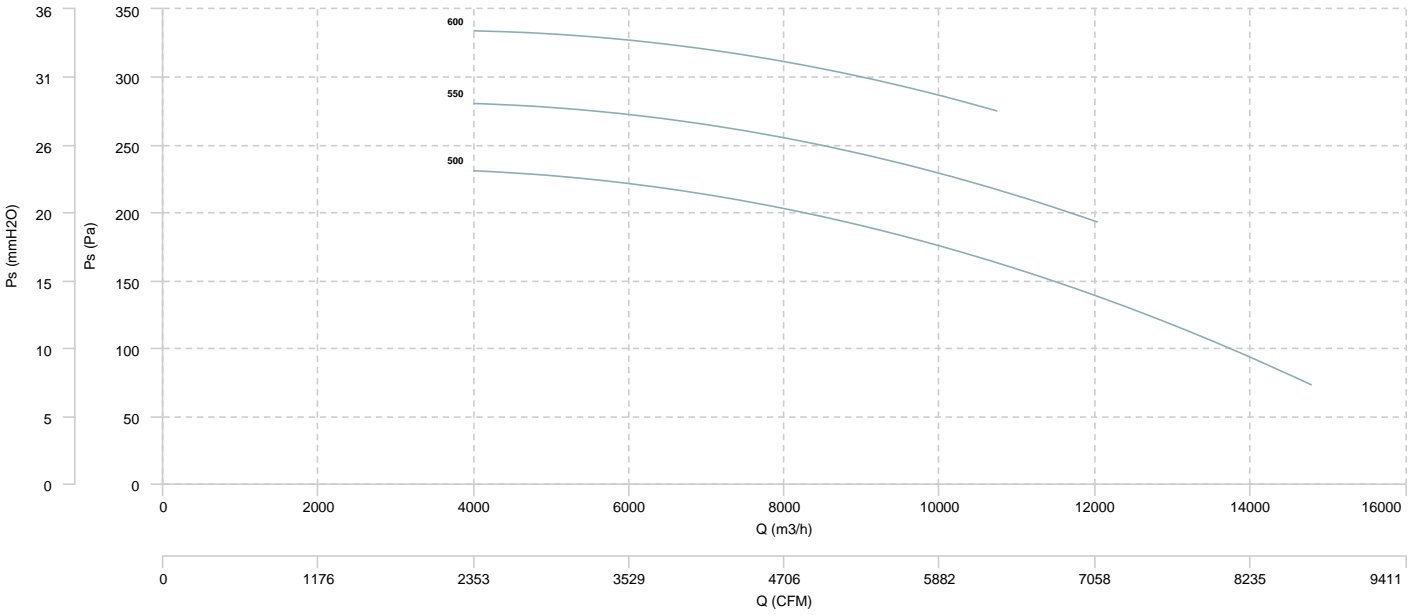


AIR FLOW - ABSORBED POWER

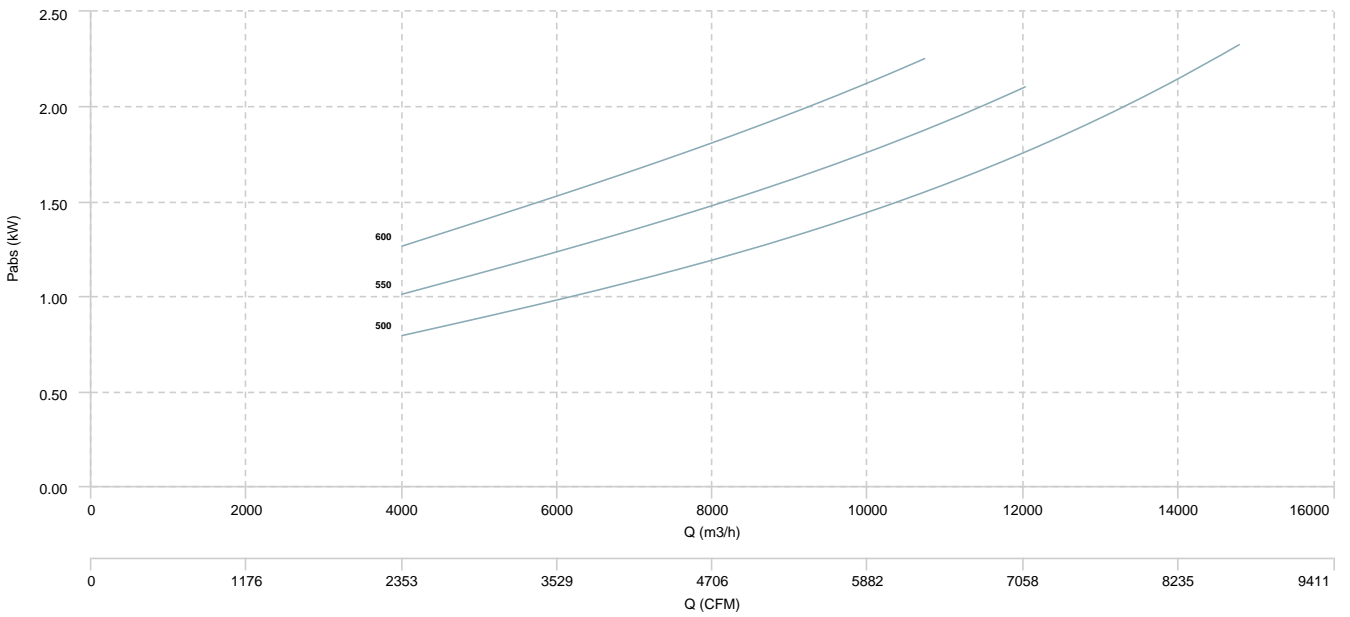


BOX BV 20/20 2,2kW

AIR FLOW - PRESSURE

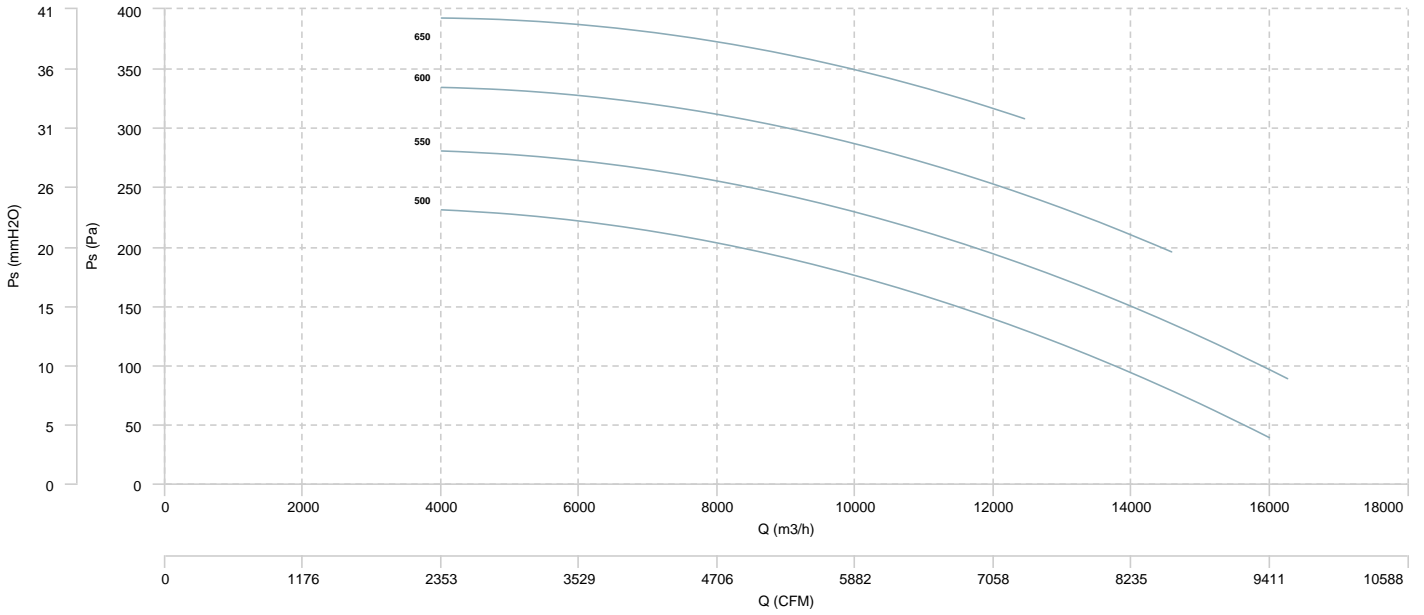


AIR FLOW - ABSORBED POWER

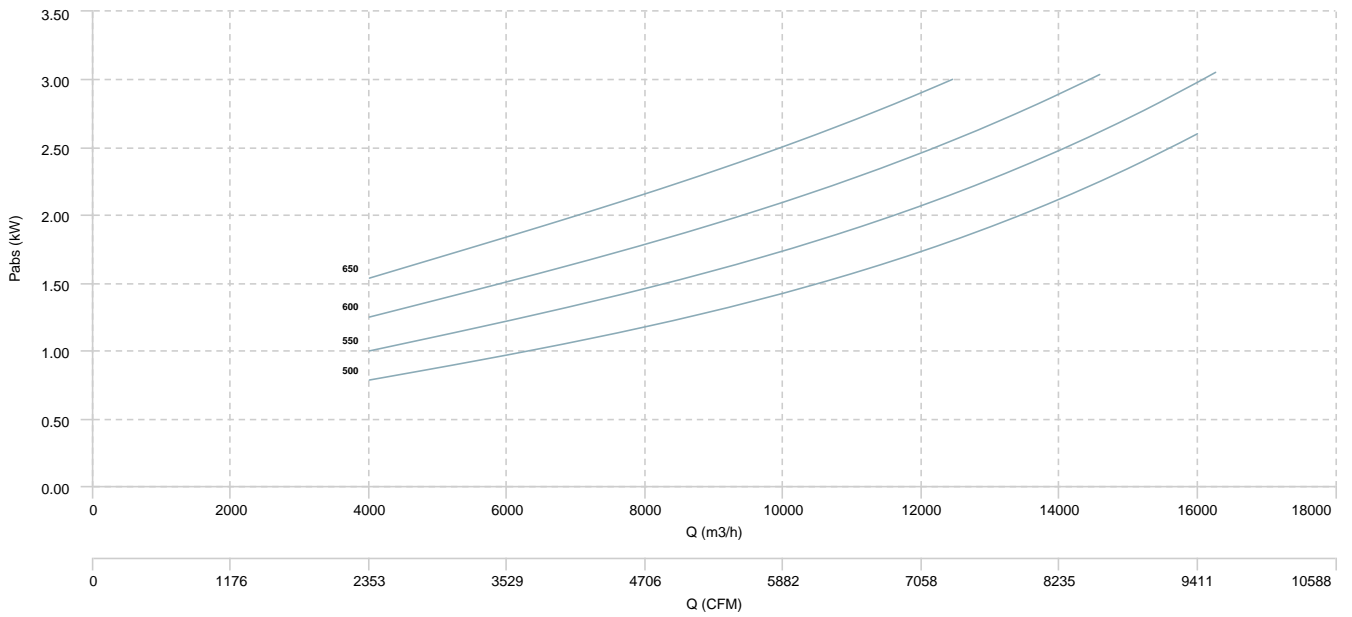


BOX BV 20/20 3kW

AIR FLOW - PRESSURE

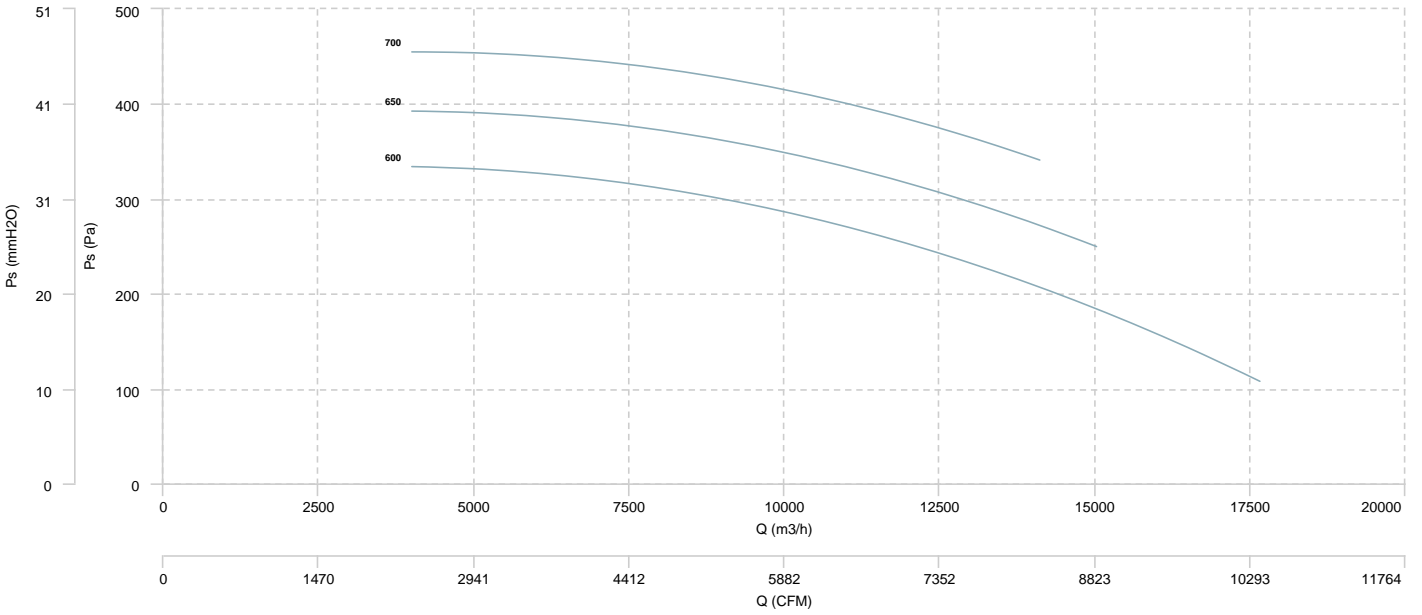


AIR FLOW - ABSORBED POWER

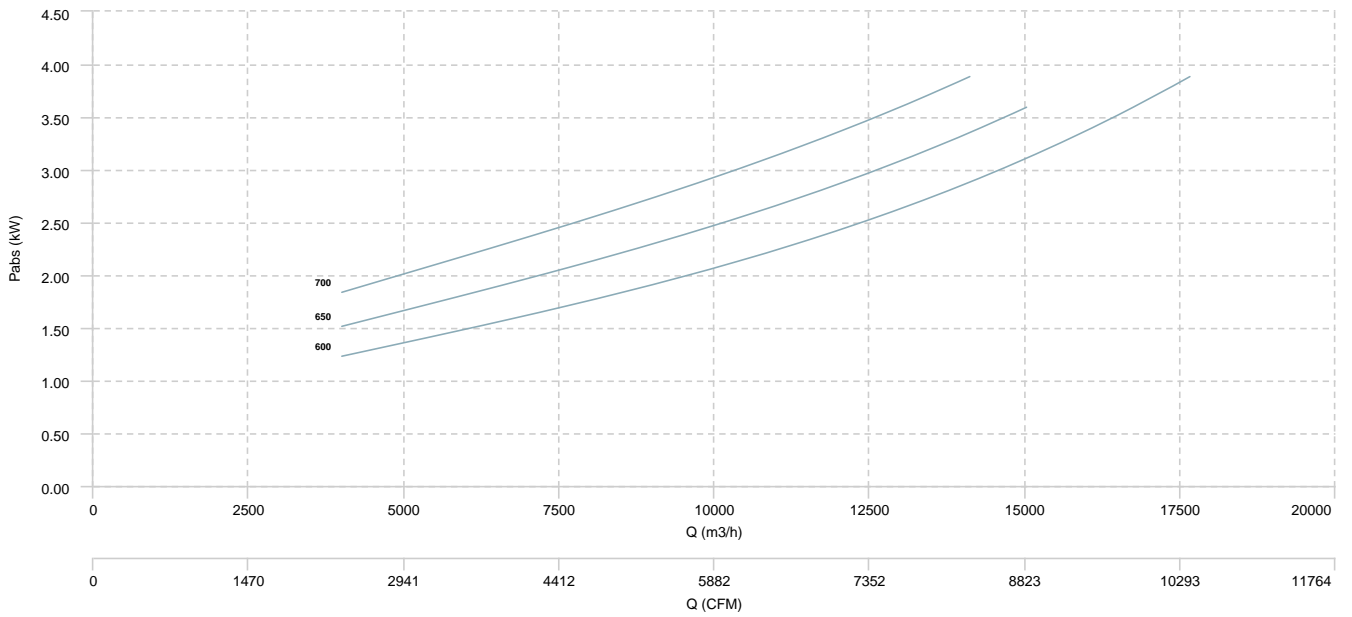


BOX BV 20/20 4kW

AIR FLOW - PRESSURE

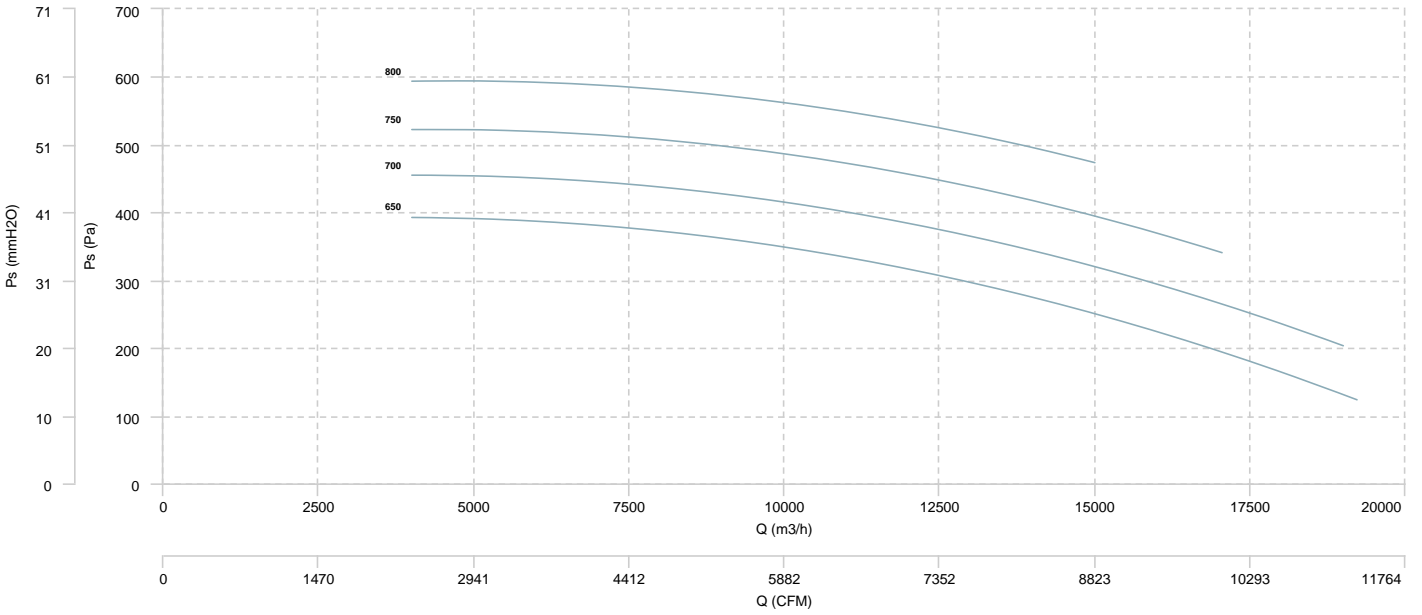


AIR FLOW - ABSORBED POWER

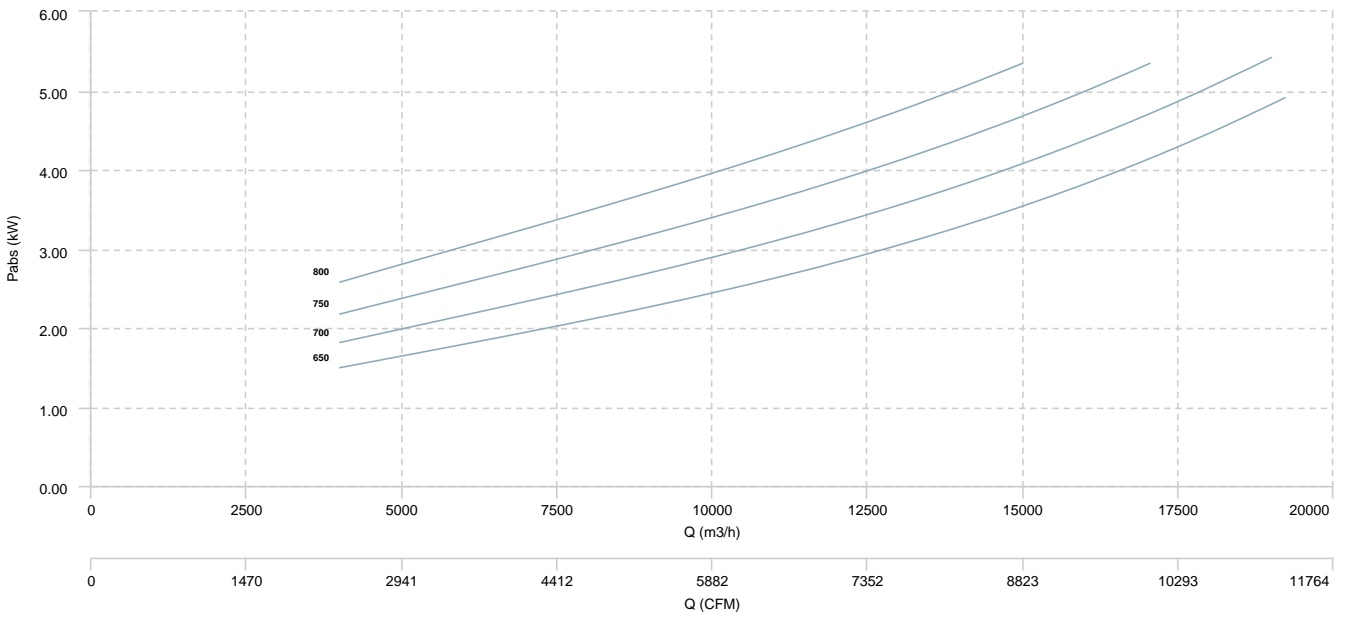


BOX BV 20/20 5,5kW

AIR FLOW - PRESSURE

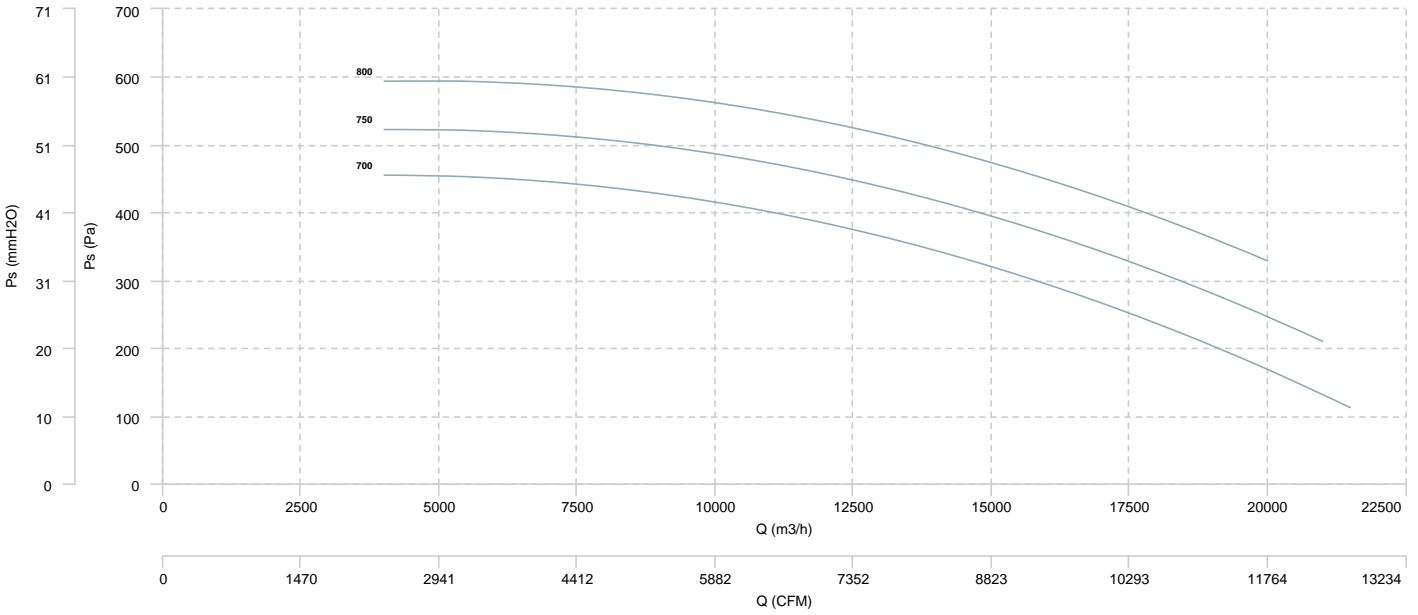


AIR FLOW - ABSORBED POWER

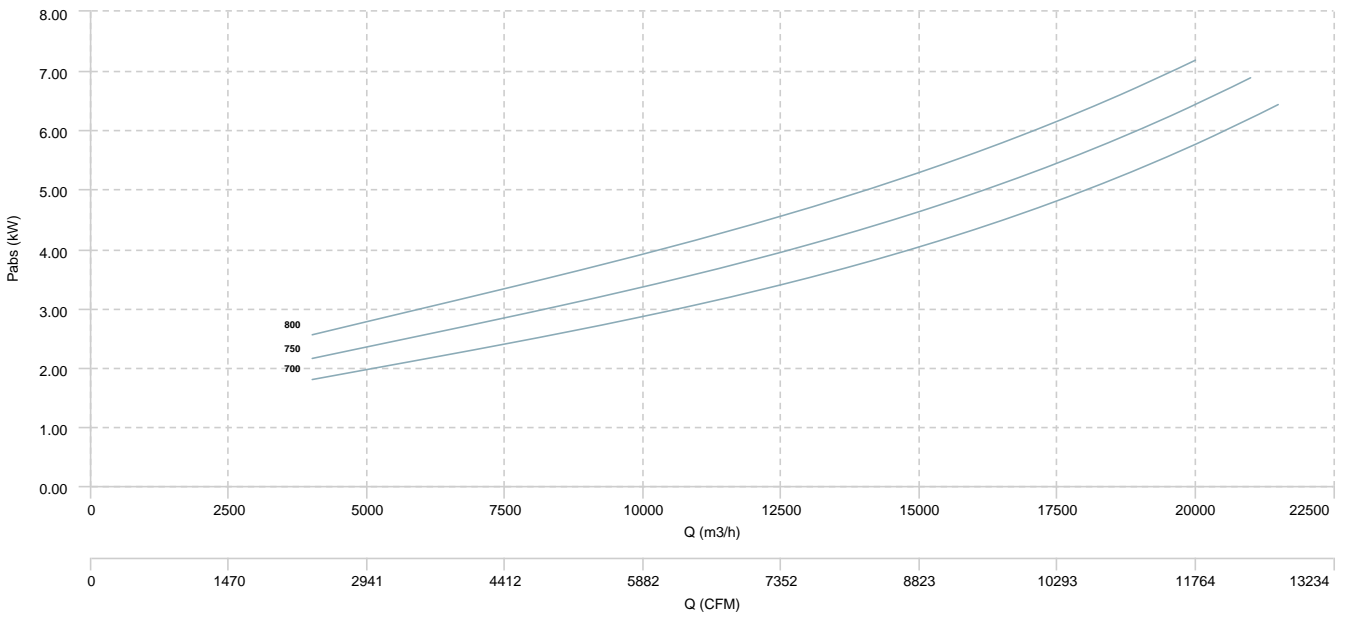


BOX BV 20/20 7,5kW

AIR FLOW - PRESSURE

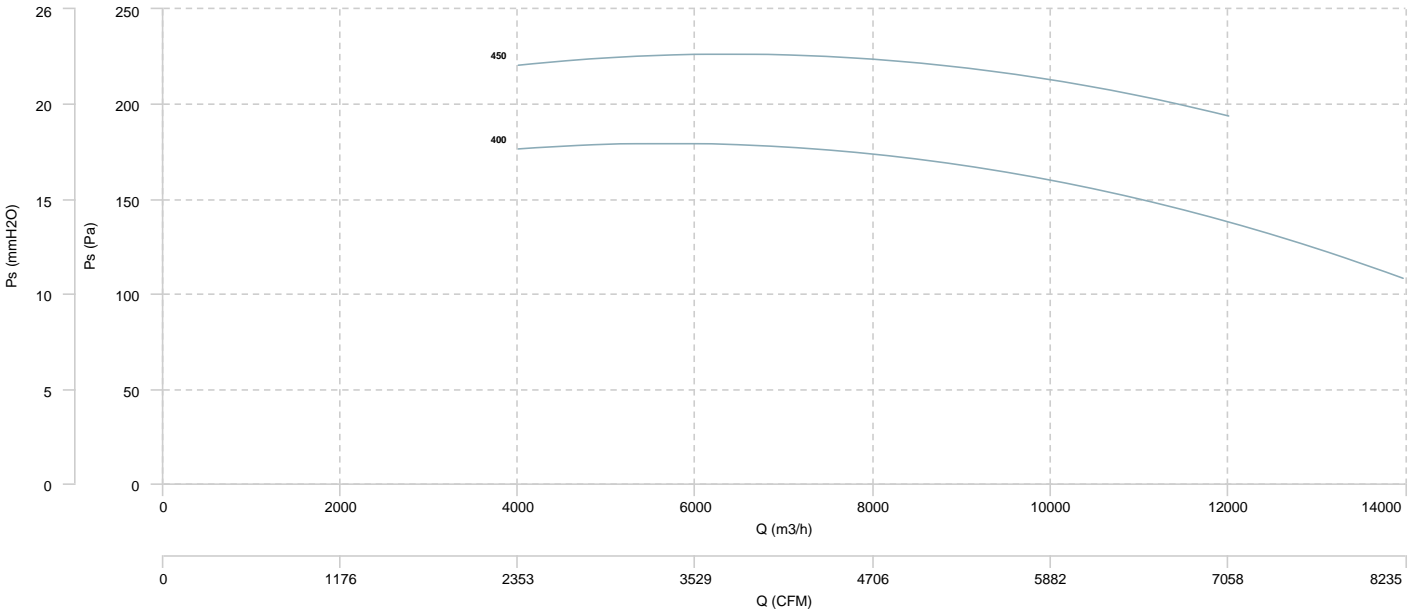


AIR FLOW - ABSORBED POWER

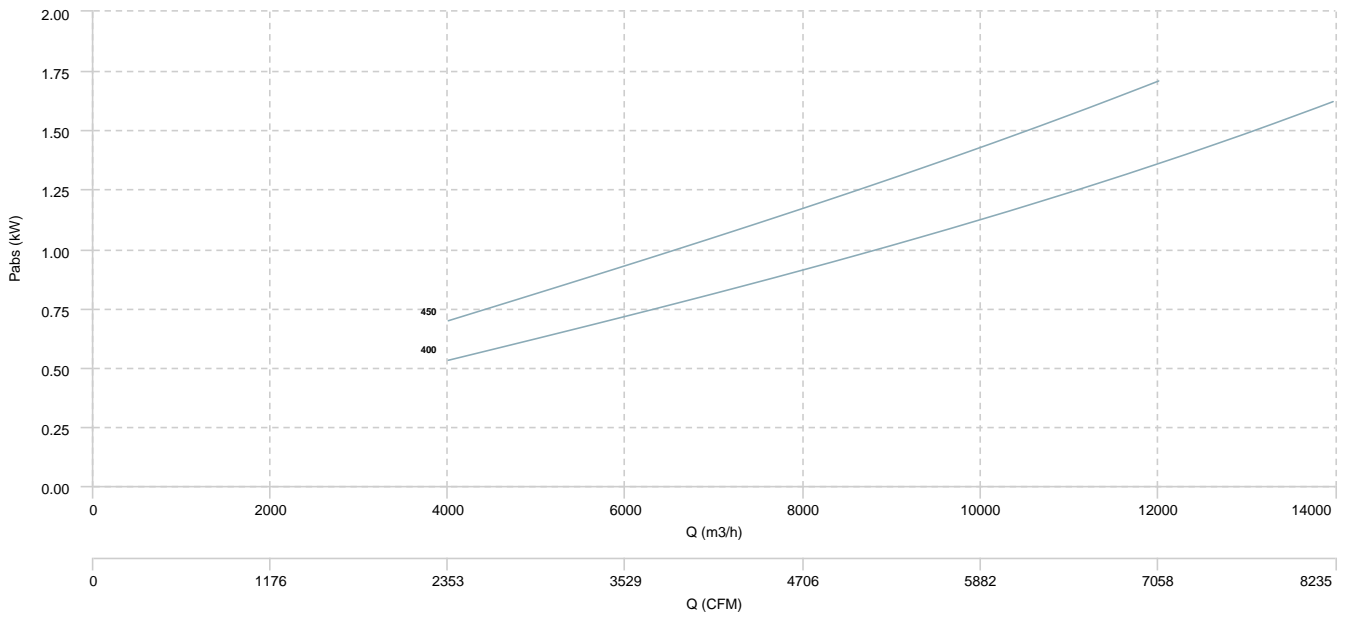


BOX BV 22/22 1,5kW

AIR FLOW - PRESSURE

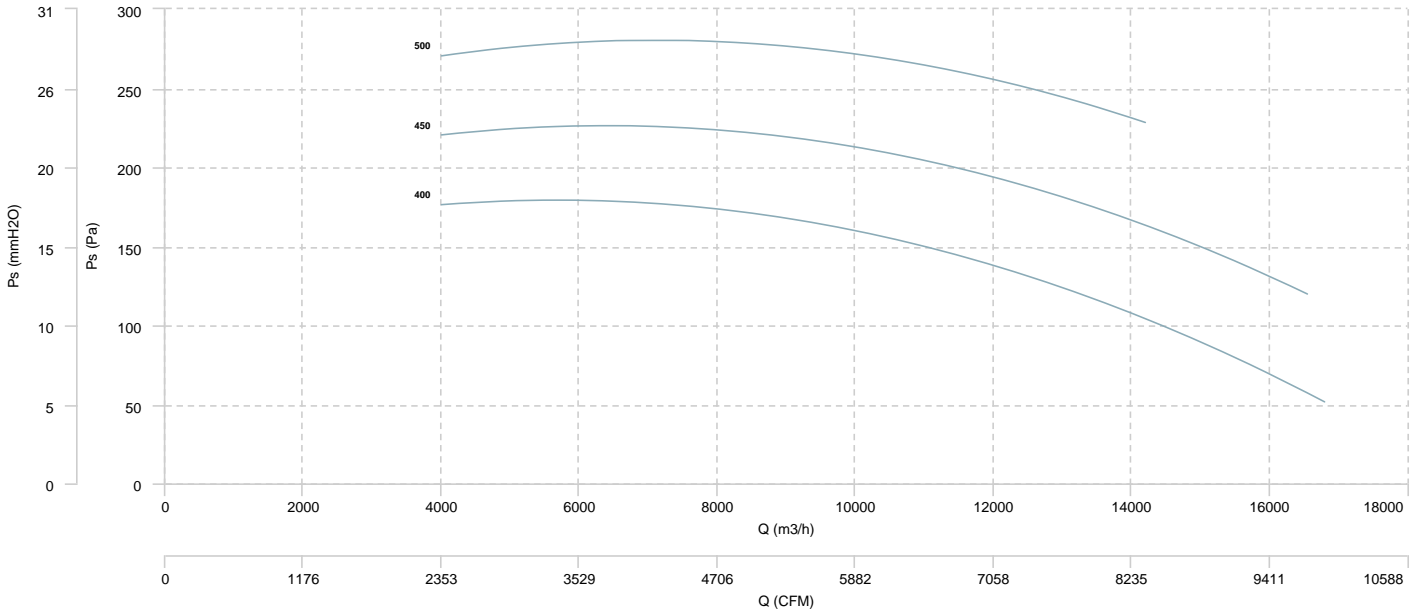


AIR FLOW - ABSORBED POWER

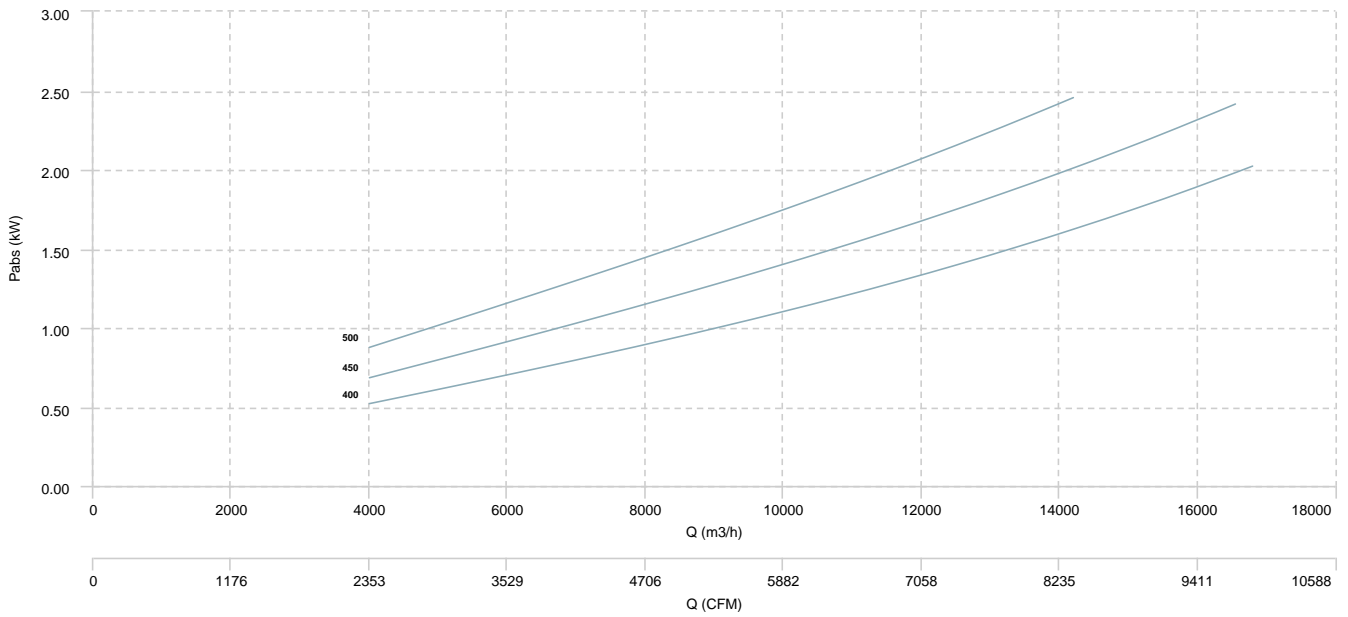


BOX BV 22/22 2,2kW

AIR FLOW - PRESSURE

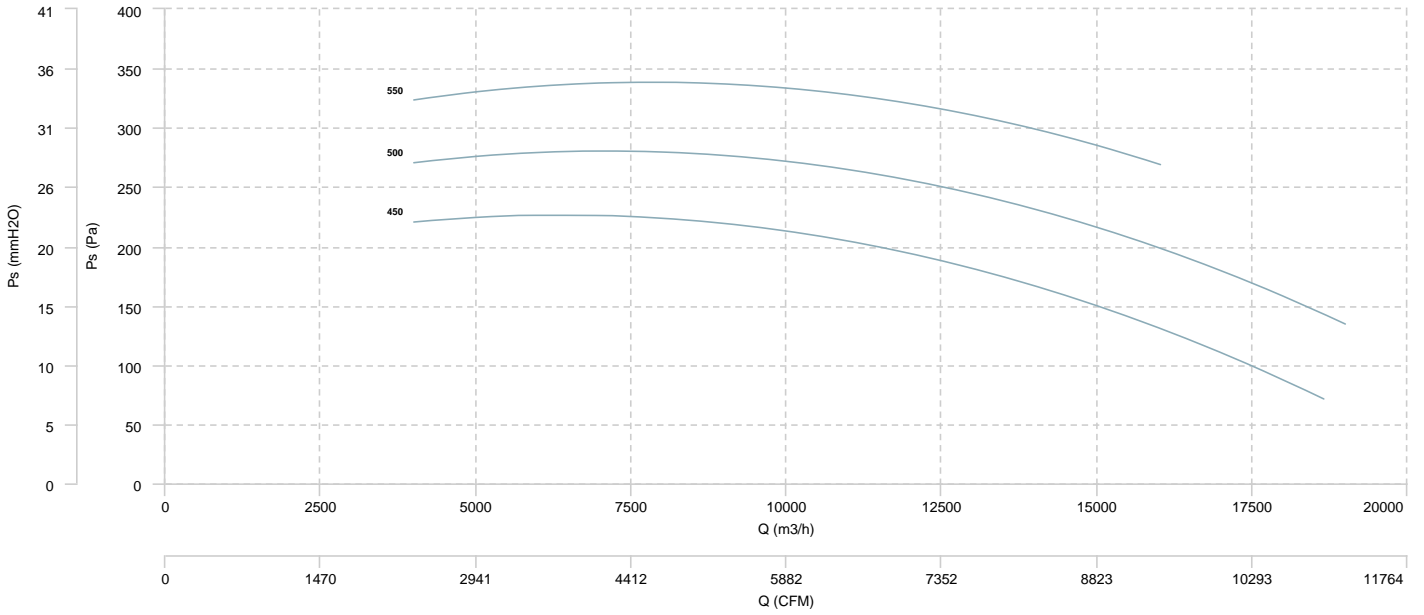


AIR FLOW - ABSORBED POWER

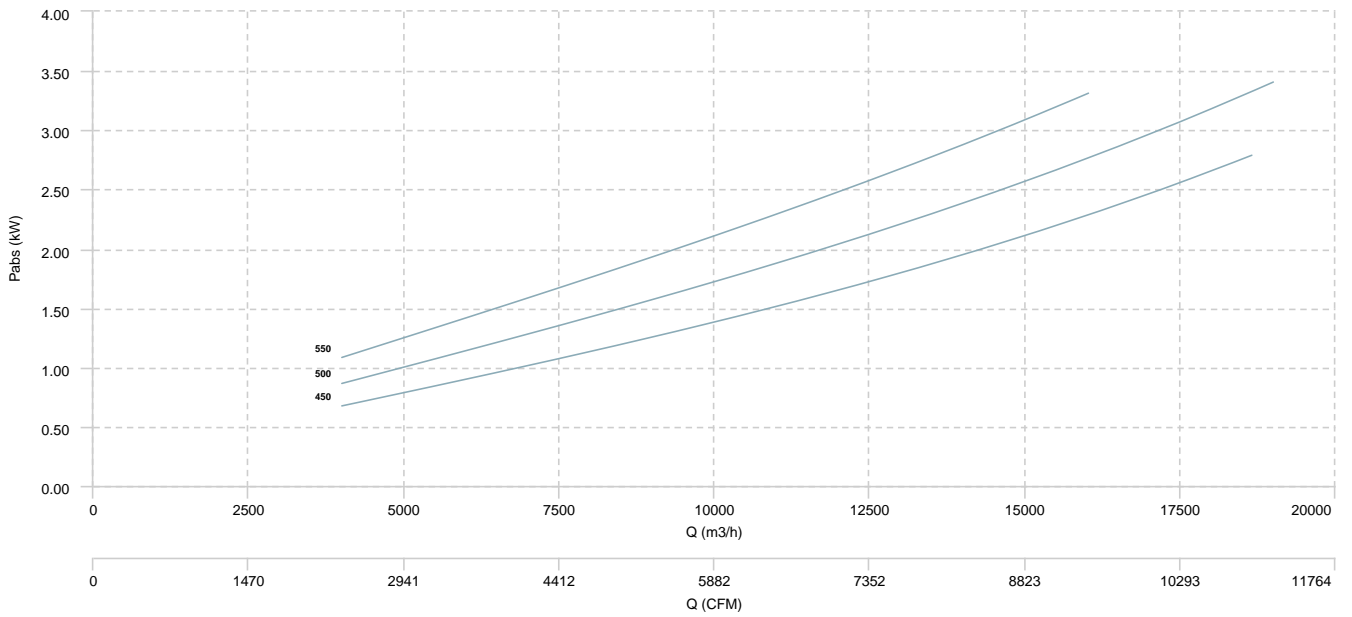


BOX BV 22/22 3kW

AIR FLOW - PRESSURE

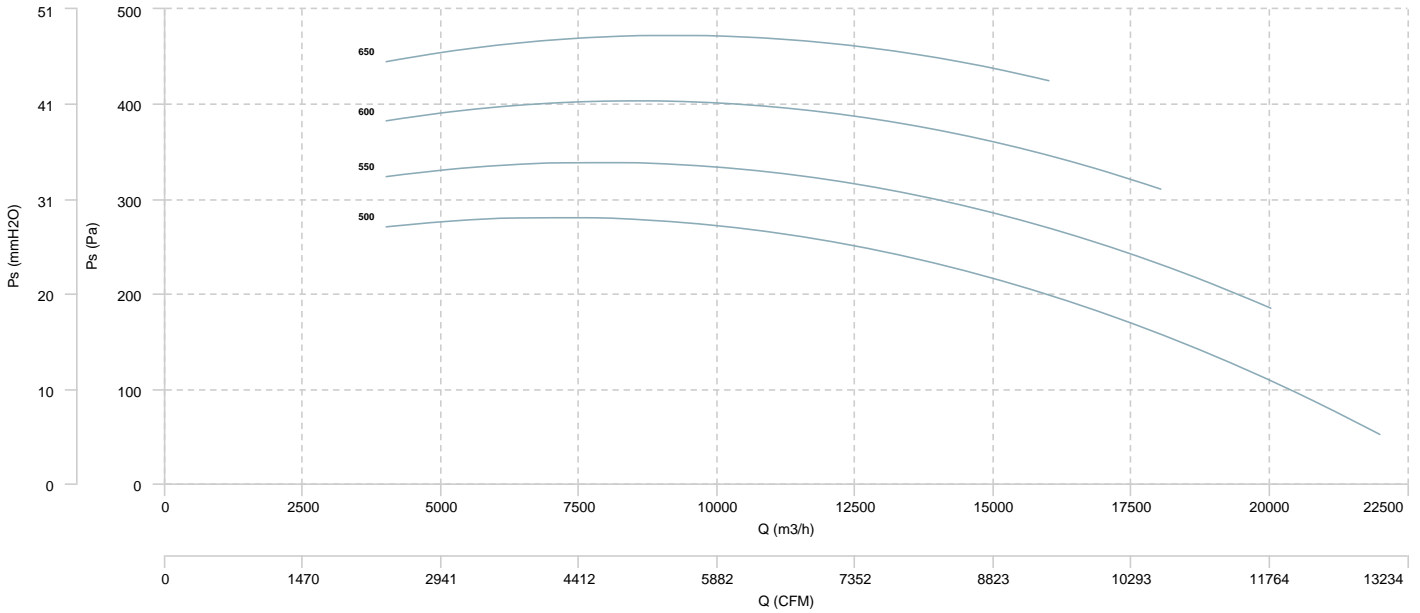


AIR FLOW - ABSORBED POWER

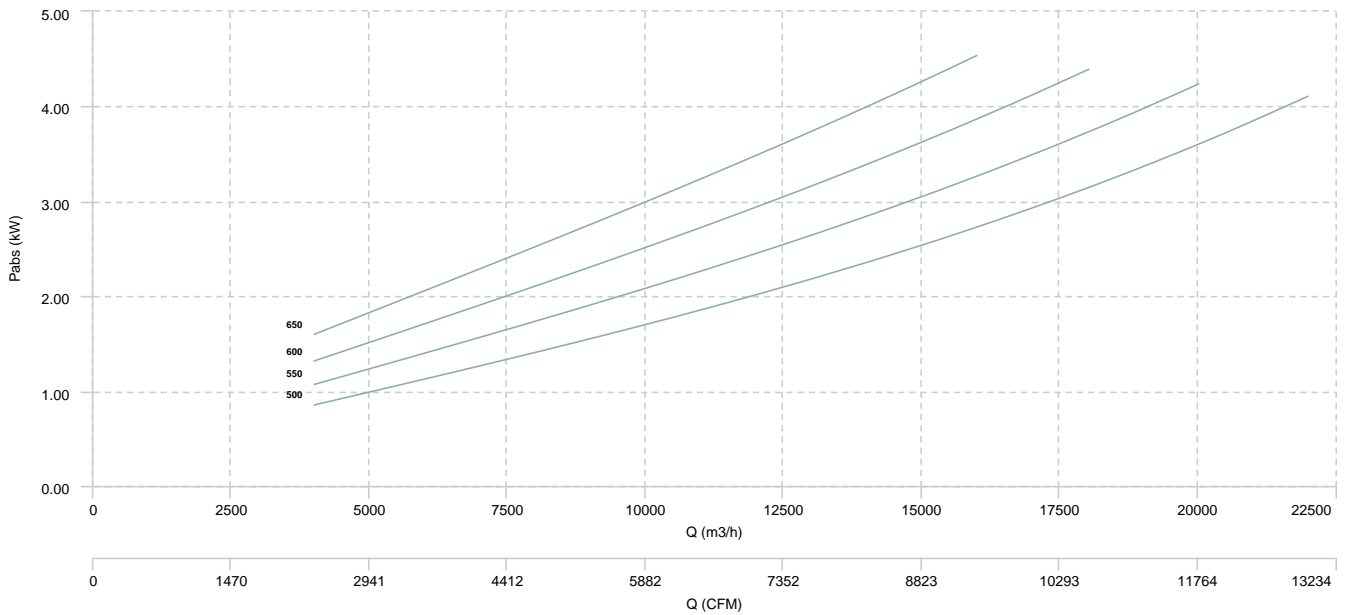


BOX BV 22/22 4kW

AIR FLOW - PRESSURE

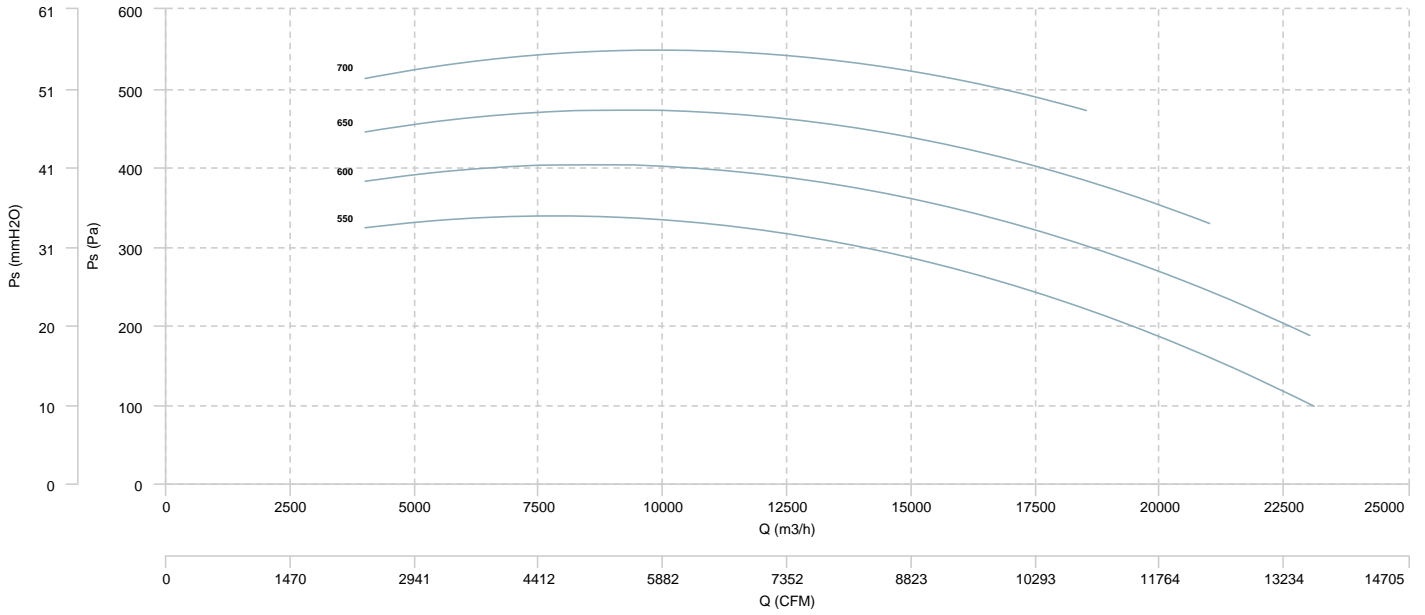


AIR FLOW - ABSORBED POWER

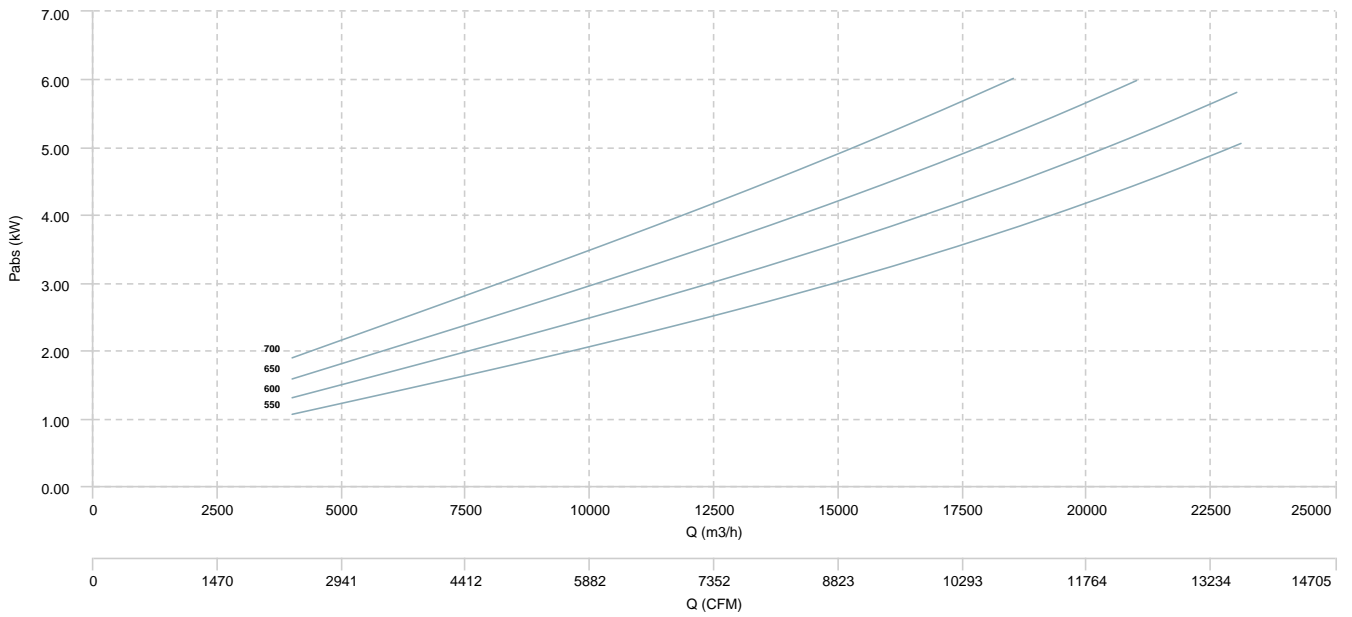


BOX BV 22/22 5,5kW

AIR FLOW - PRESSURE

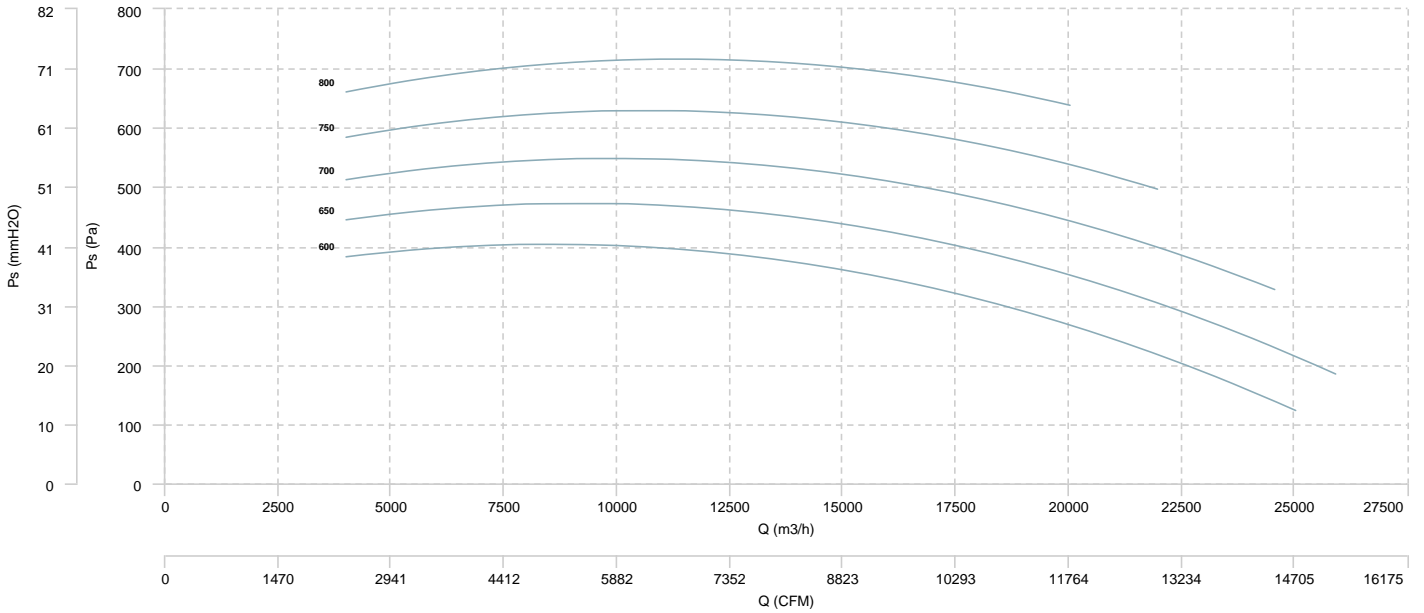


AIR FLOW - ABSORBED POWER

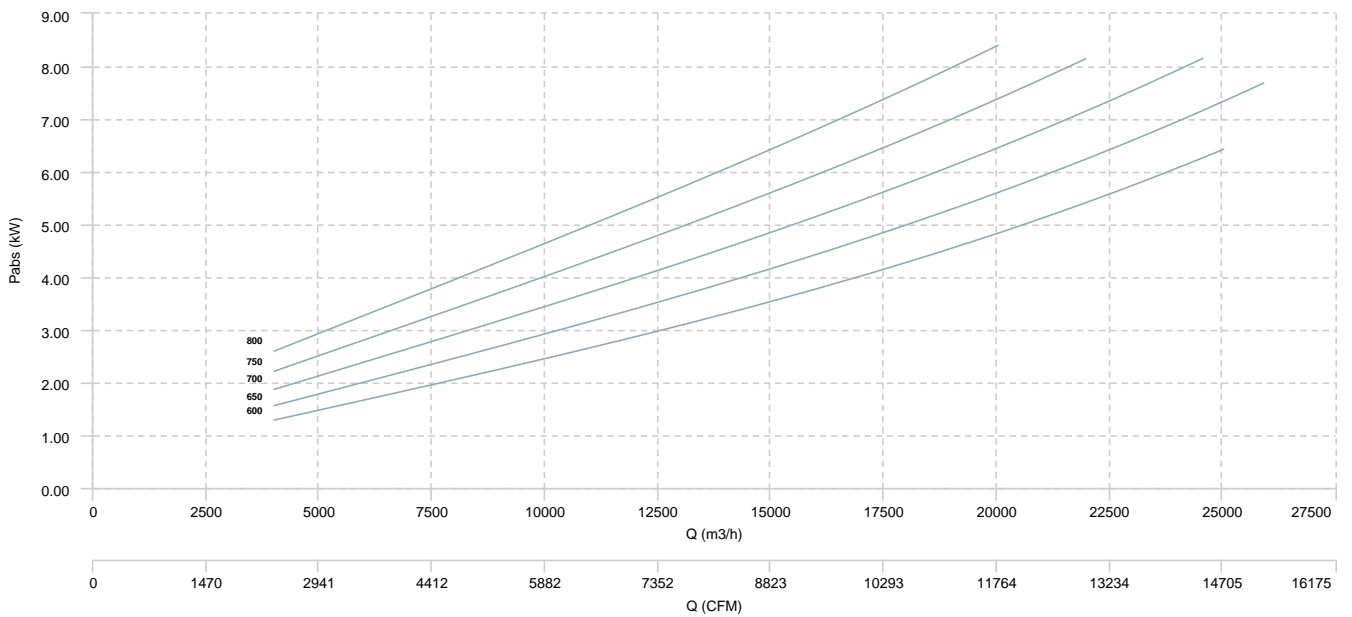


BOX BV 22/22 7,5kW

AIR FLOW - PRESSURE

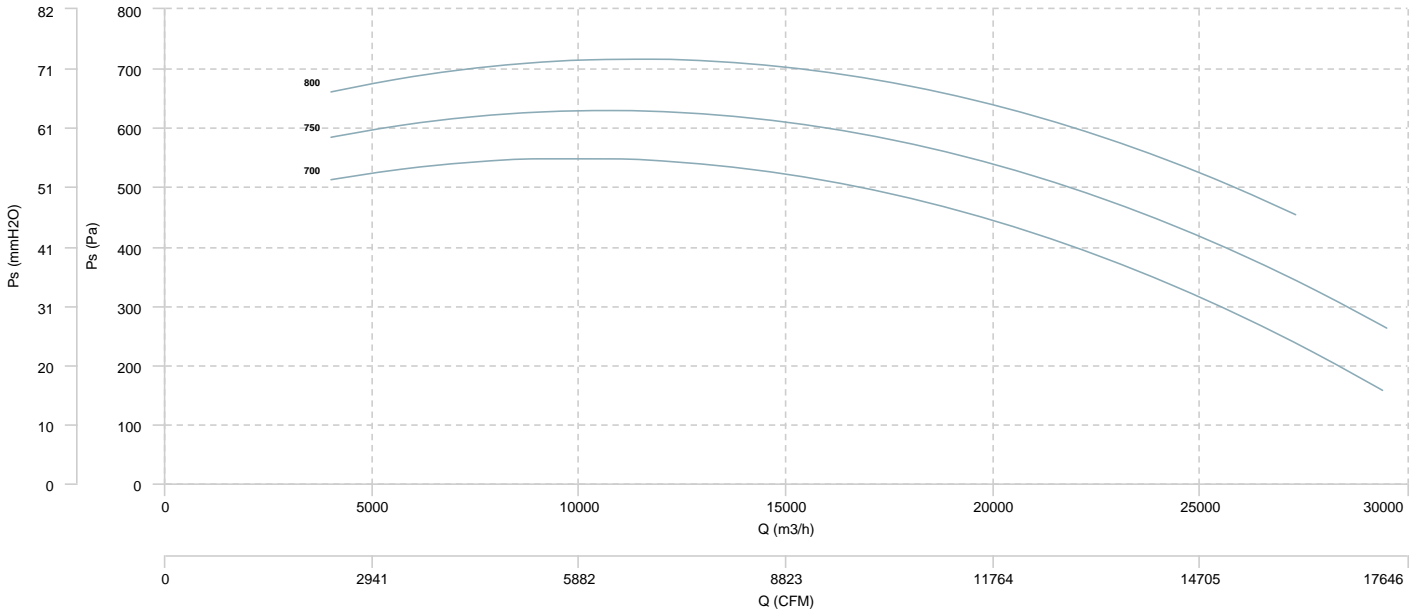


AIR FLOW - ABSORBED POWER

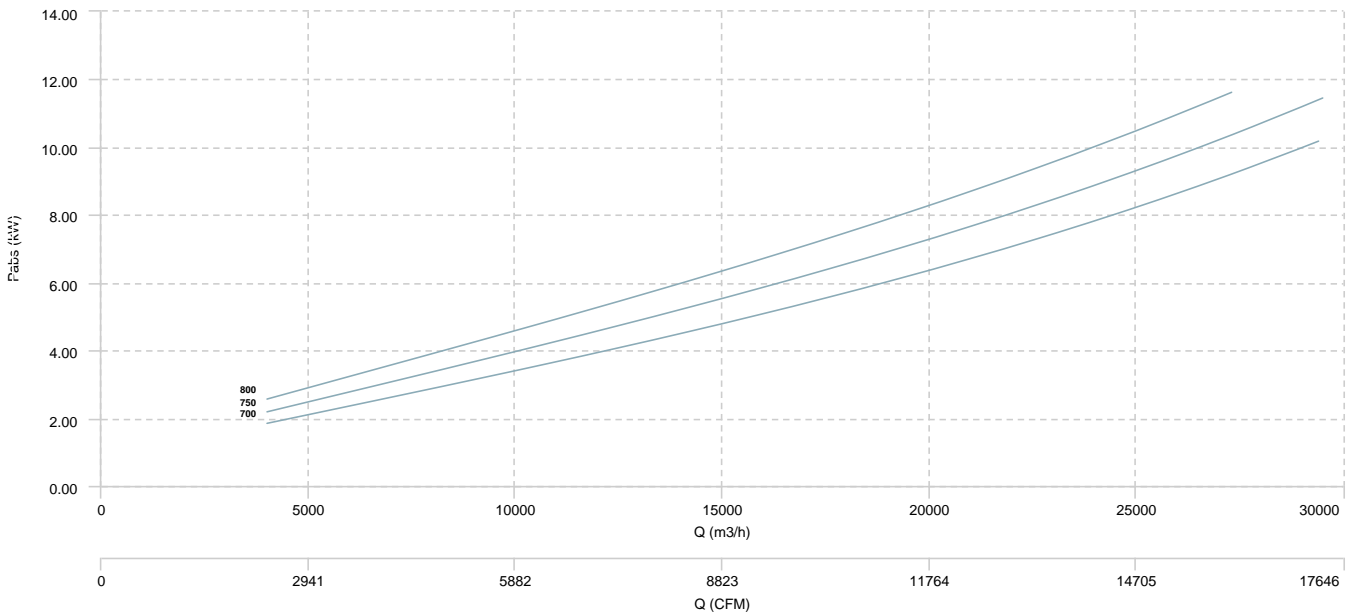


BOX BV 22/22 11kW

AIR FLOW - PRESSURE

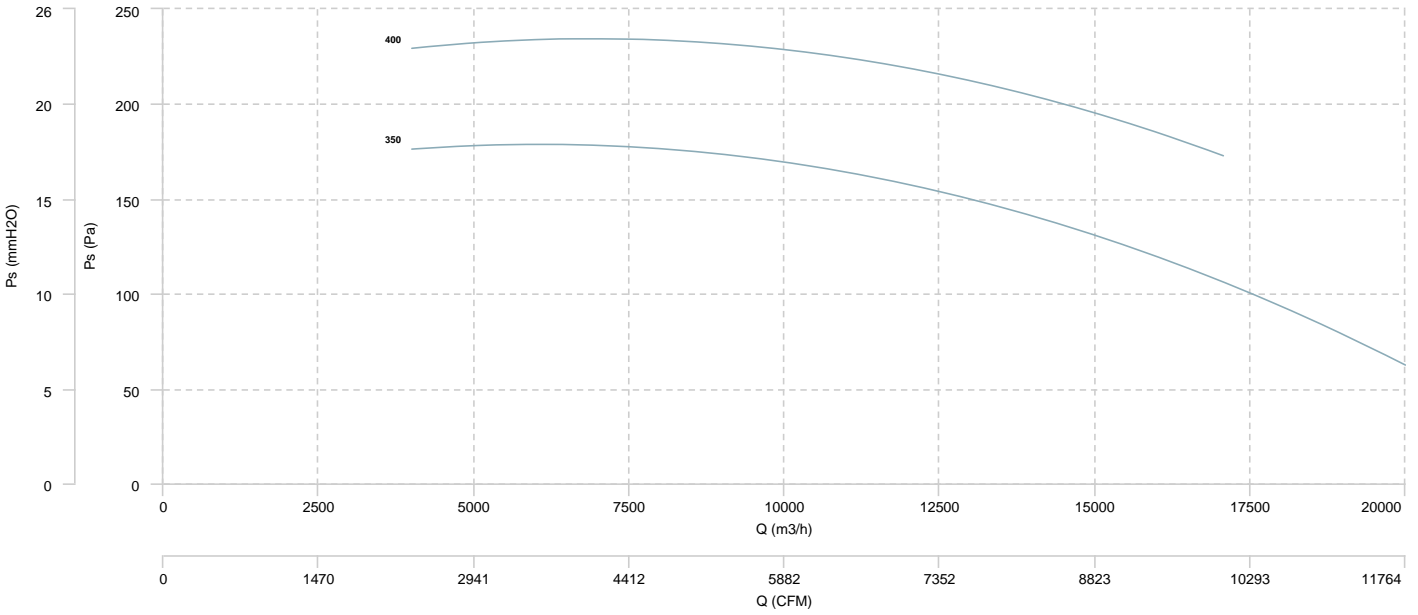


AIR FLOW - ABSORBED POWER

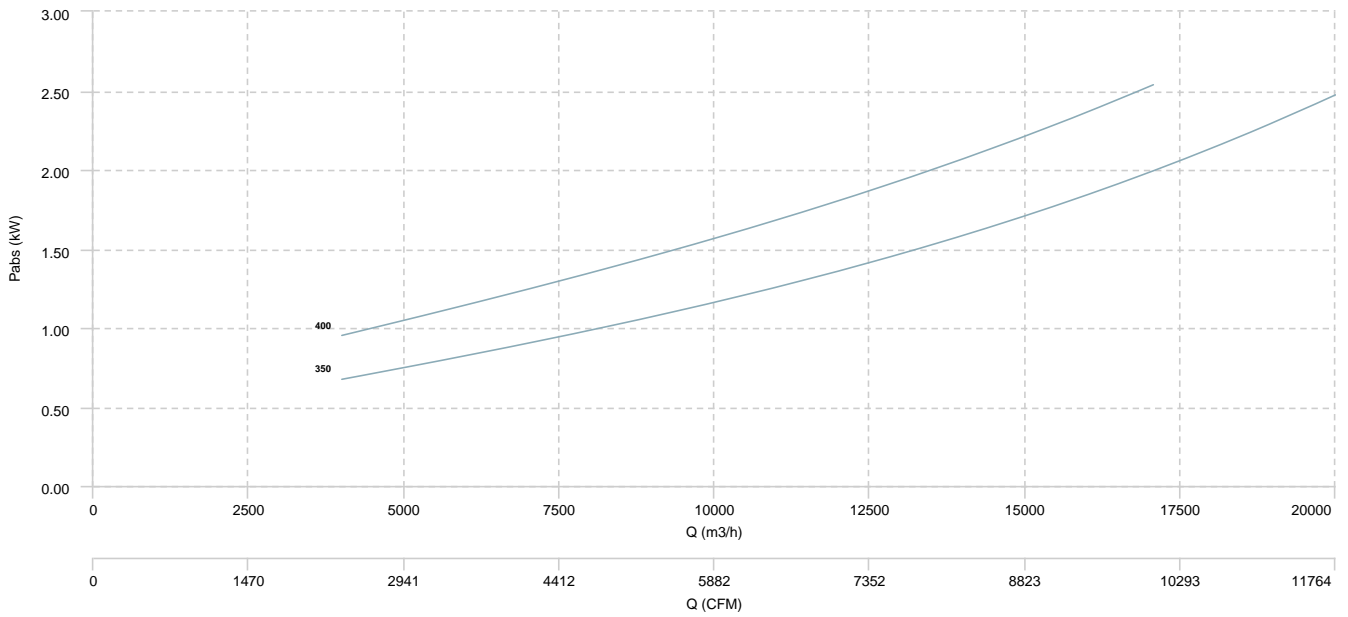


BOX BV 25/25 2,2kW

AIR FLOW - PRESSURE

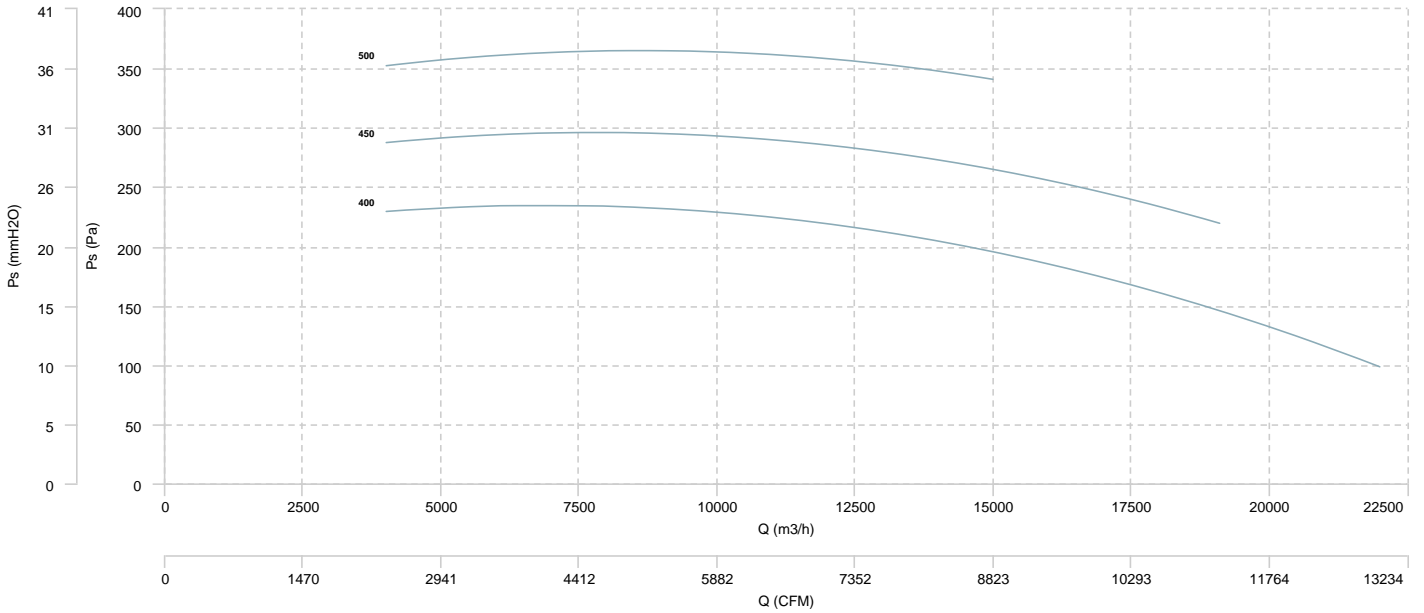


AIR FLOW - ABSORBED POWER

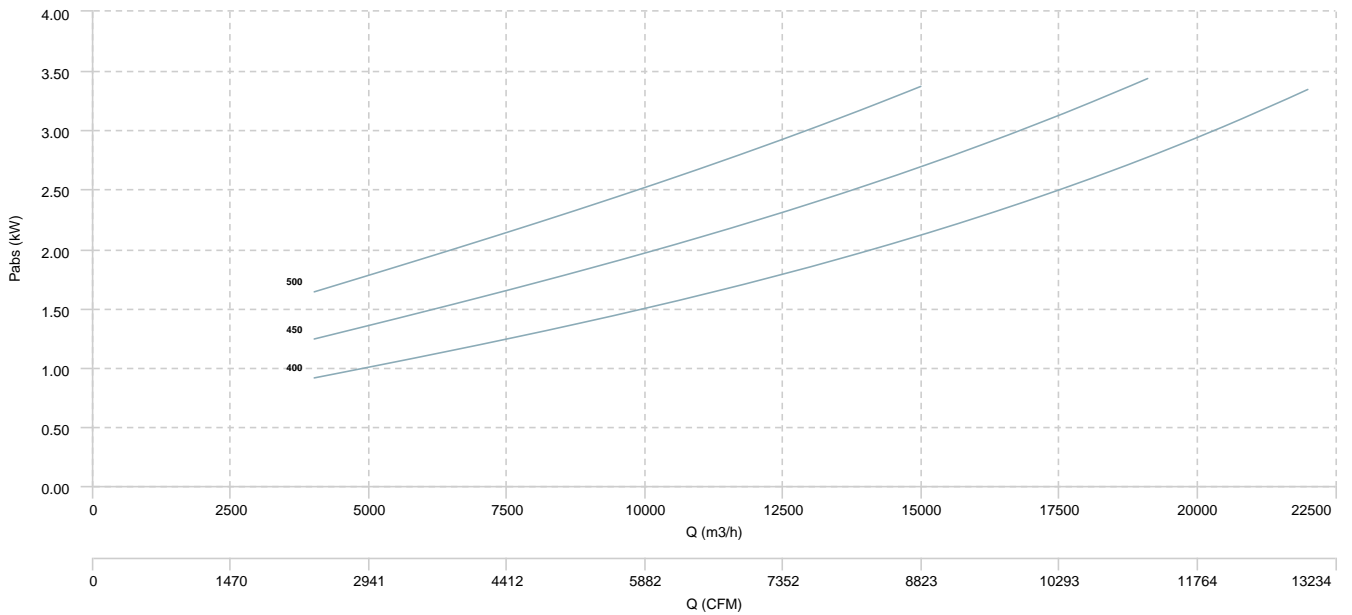


BOX BV 25/25 3kW

AIR FLOW - PRESSURE

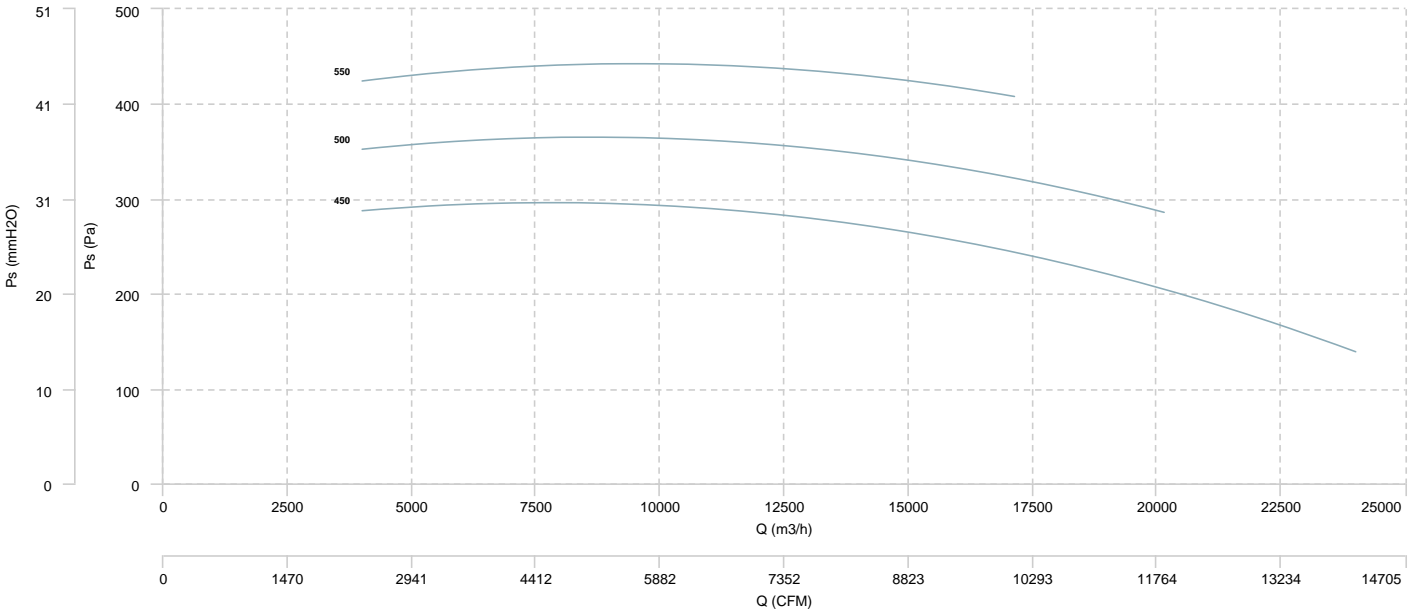


AIR FLOW - ABSORBED POWER

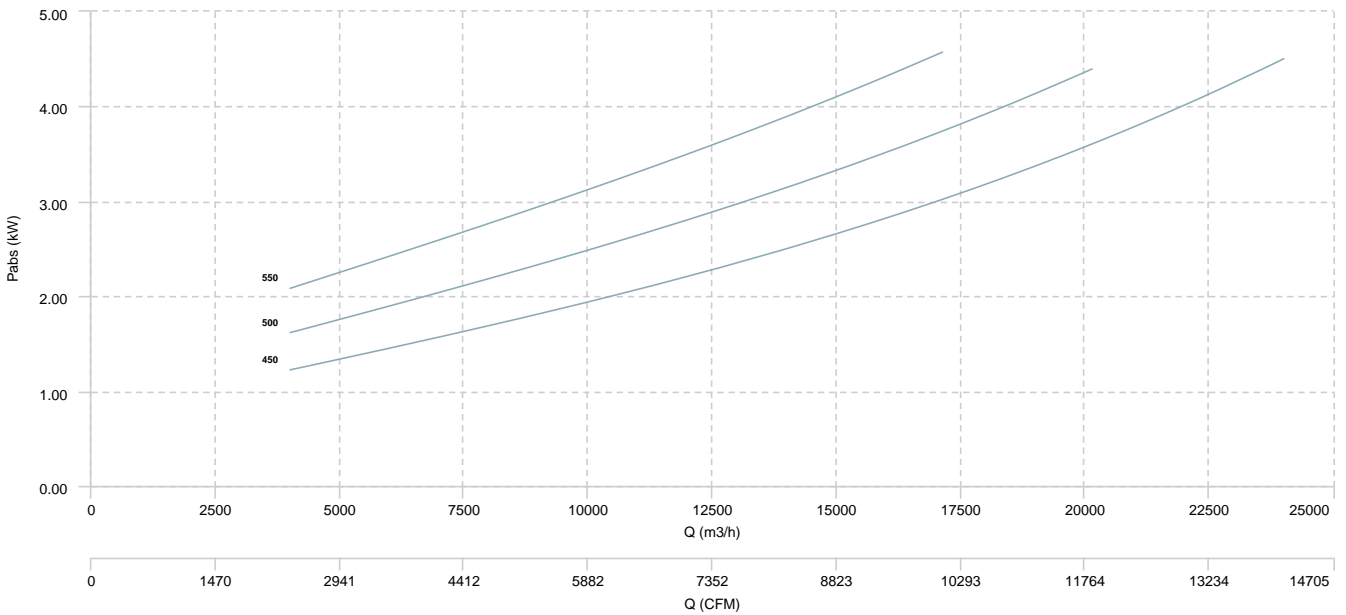


BOX BV 25/25 4kW

AIR FLOW - PRESSURE

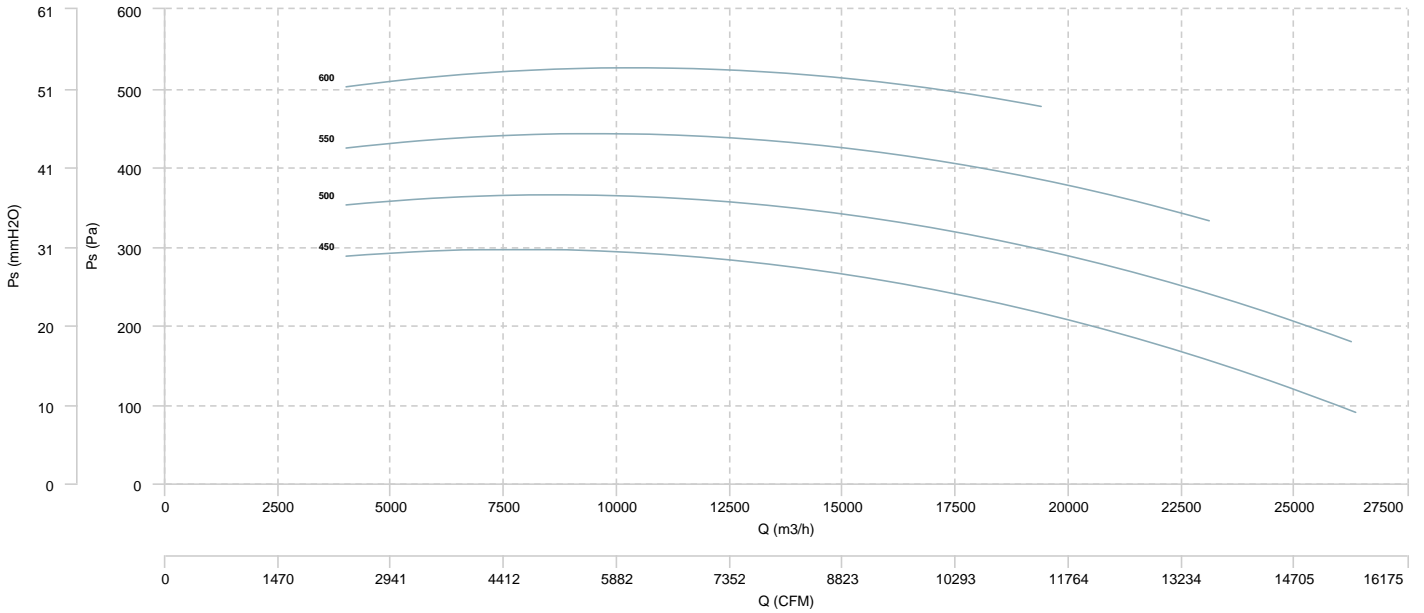


AIR FLOW - ABSORBED POWER

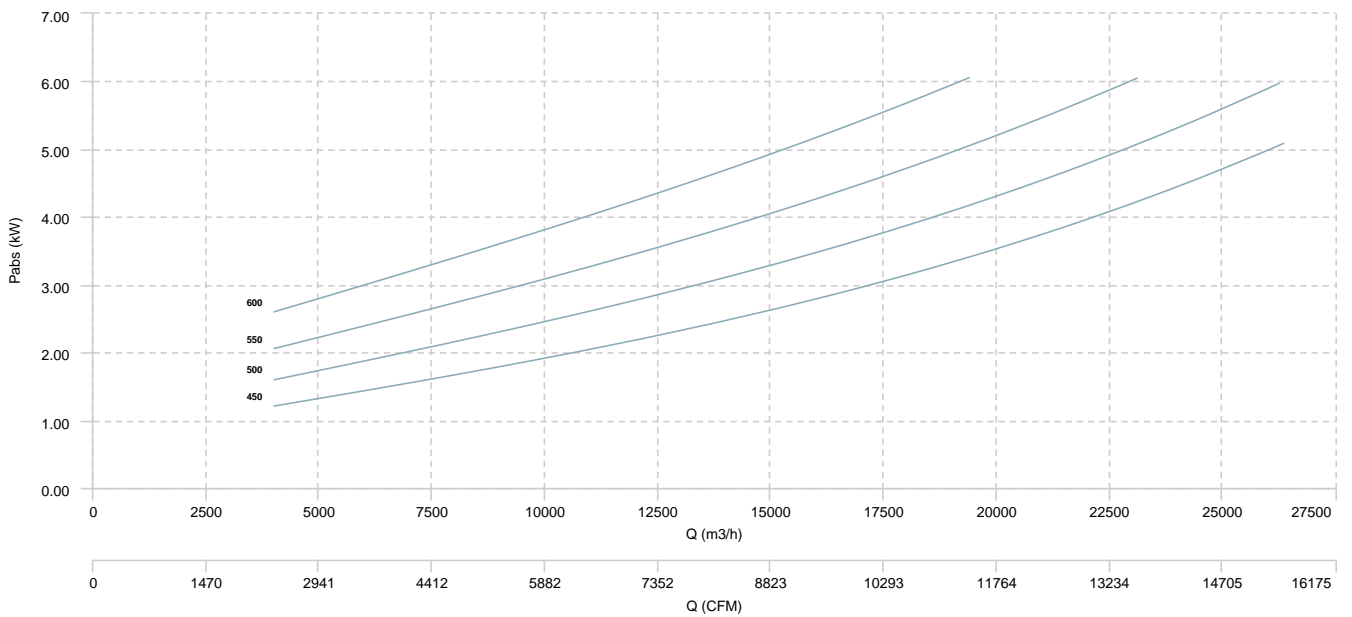


BOX BV 25/25 5,5kW

AIR FLOW - PRESSURE

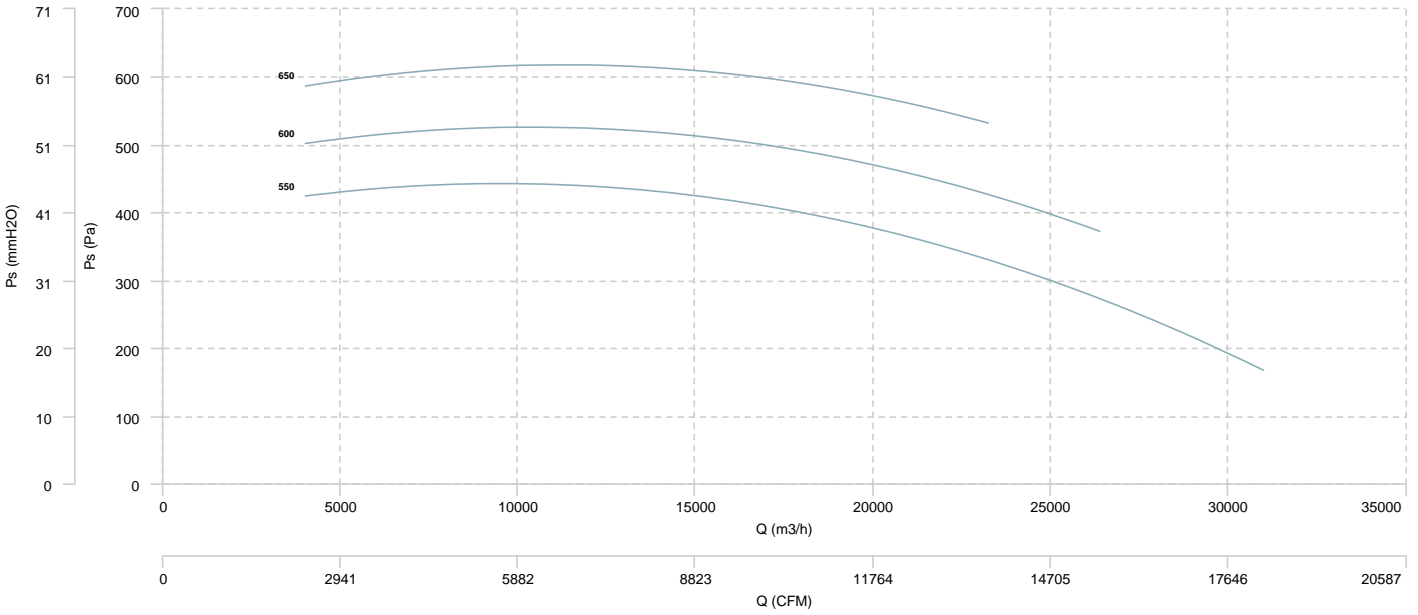


AIR FLOW - ABSORBED POWER

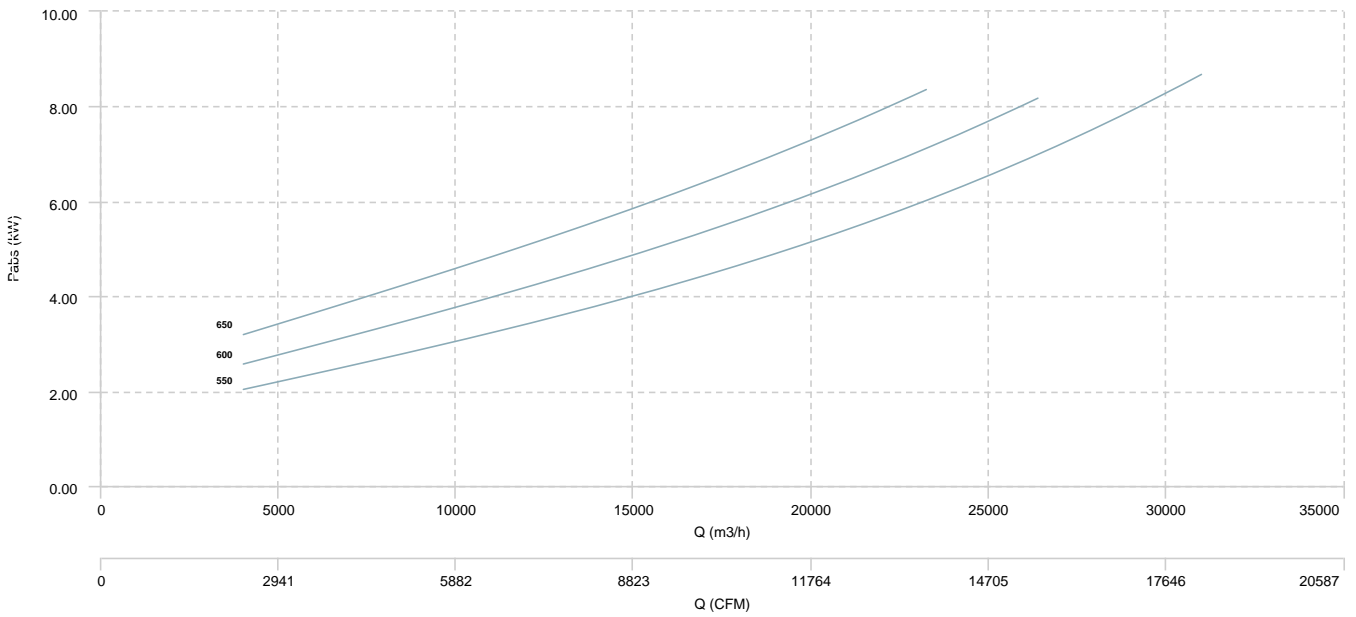


BOX BV 25/25 7,5kW

AIR FLOW - PRESSURE

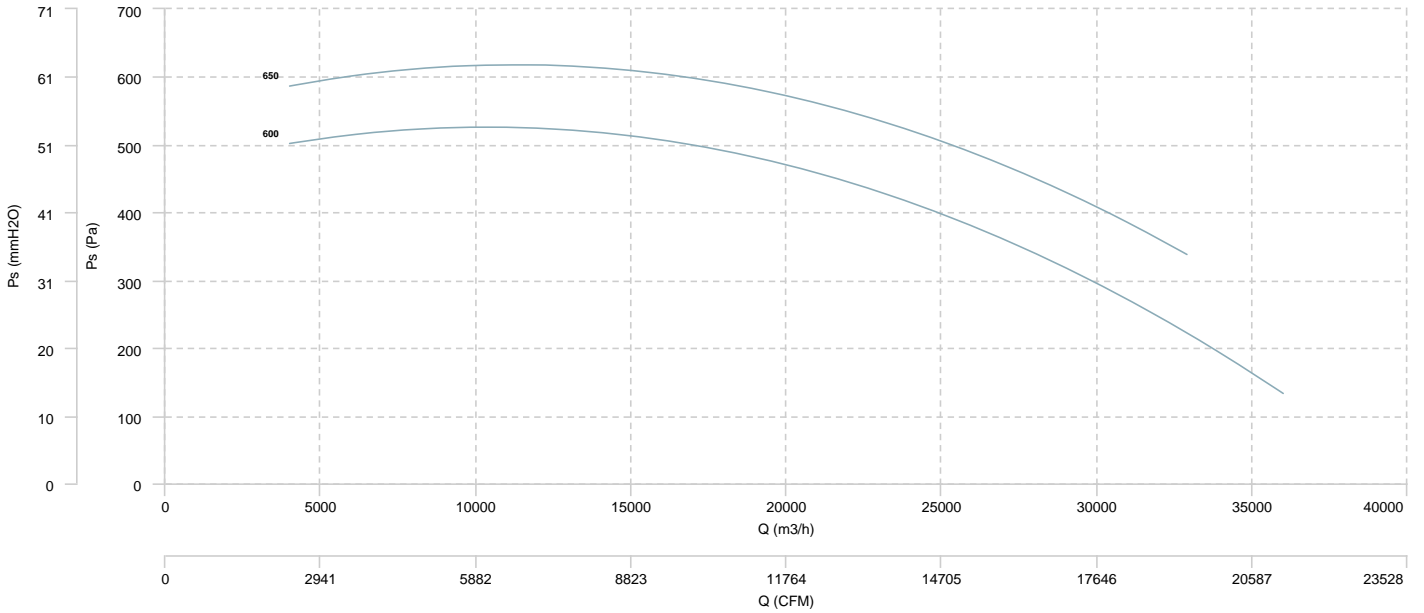


AIR FLOW - ABSORBED POWER

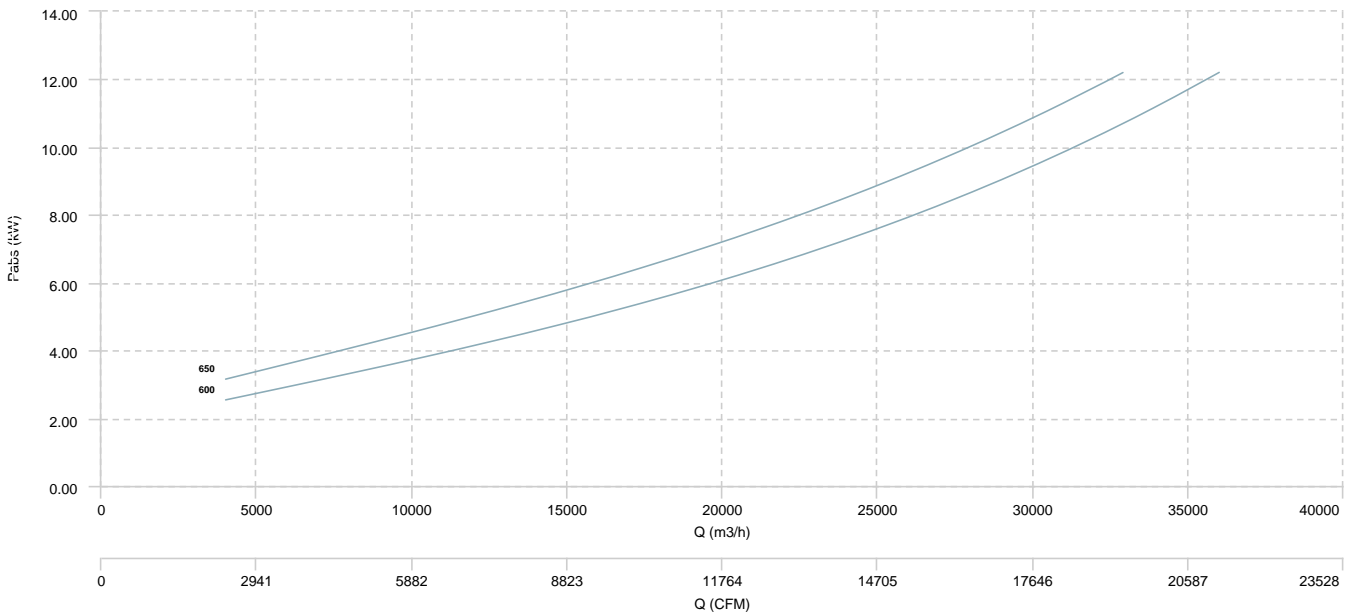


BOX BV 25/25 11kW

AIR FLOW - PRESSURE

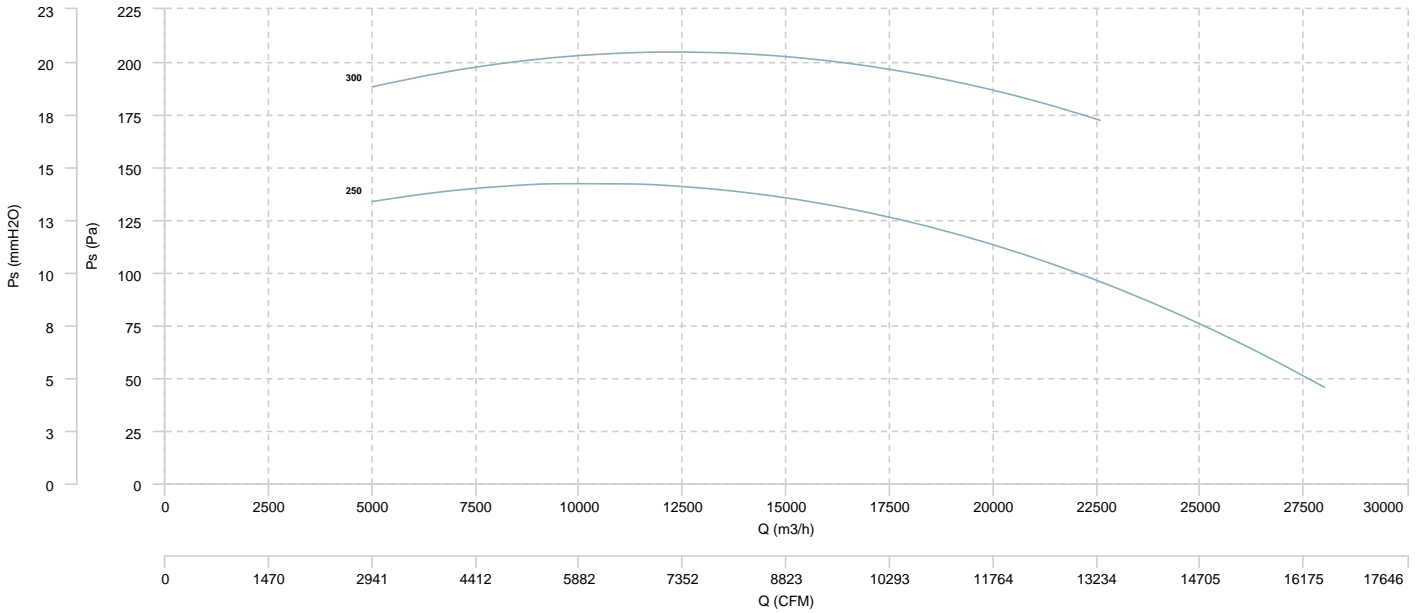


AIR FLOW - ABSORBED POWER

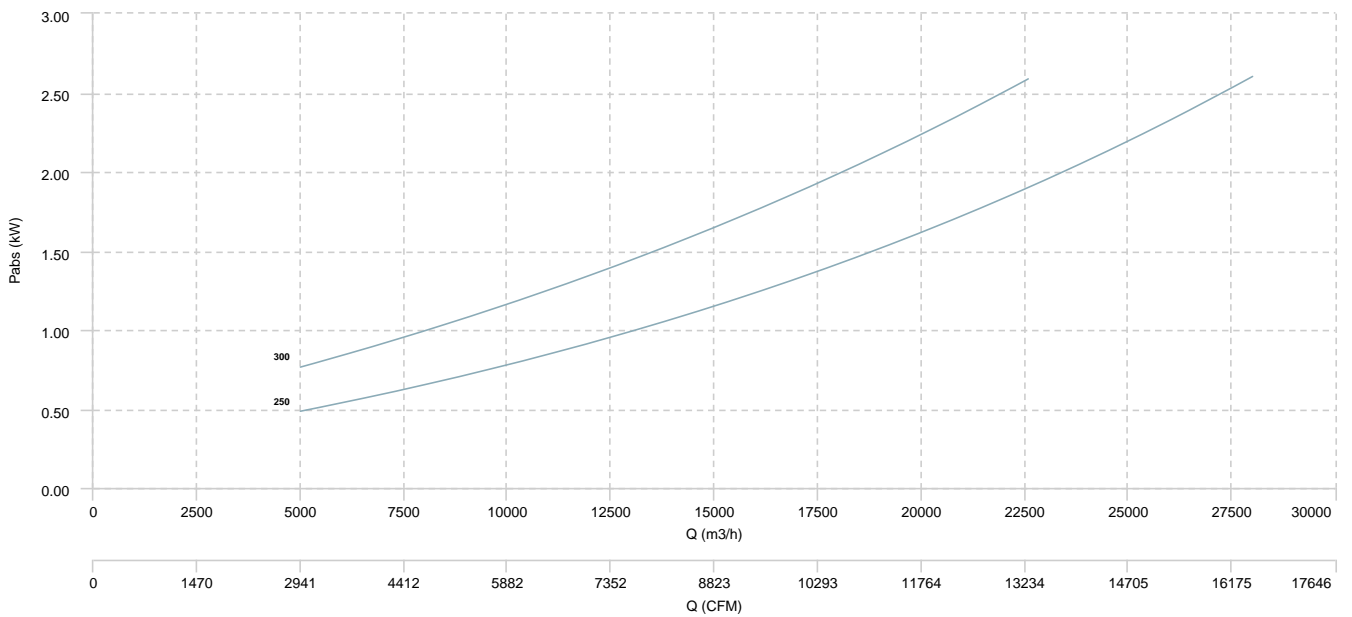


BOX BV 30/28 2,2kW

AIR FLOW - PRESSURE

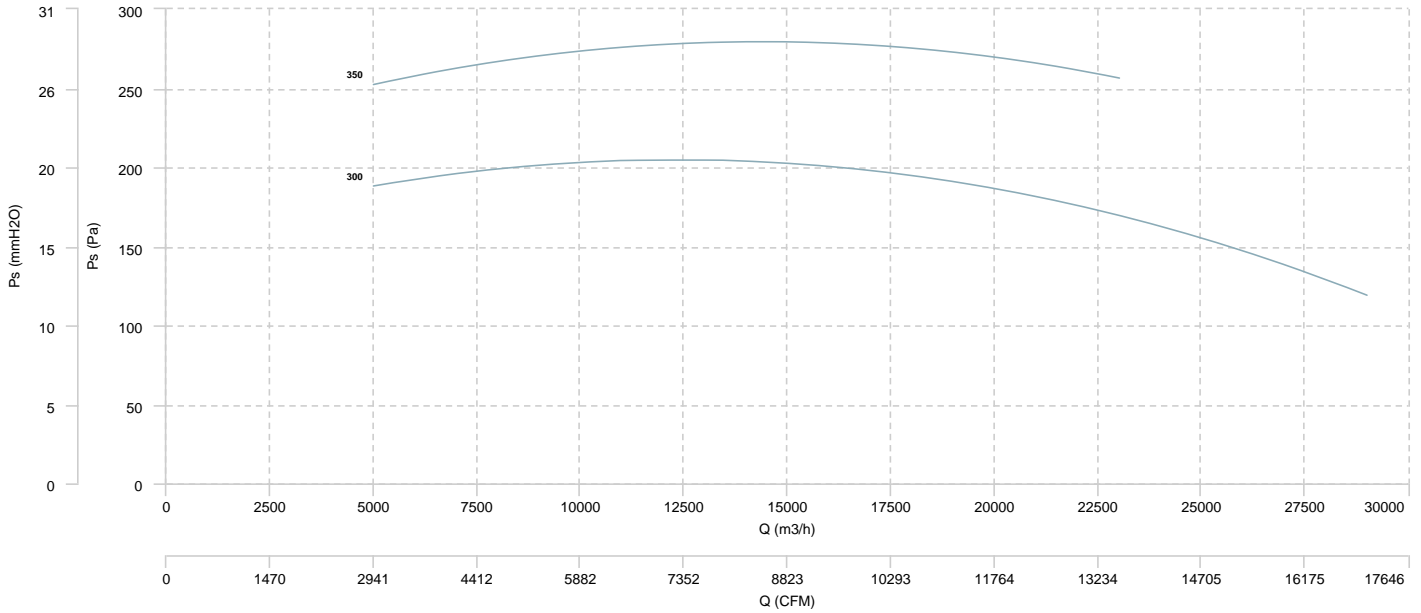


AIR FLOW - ABSORBED POWER

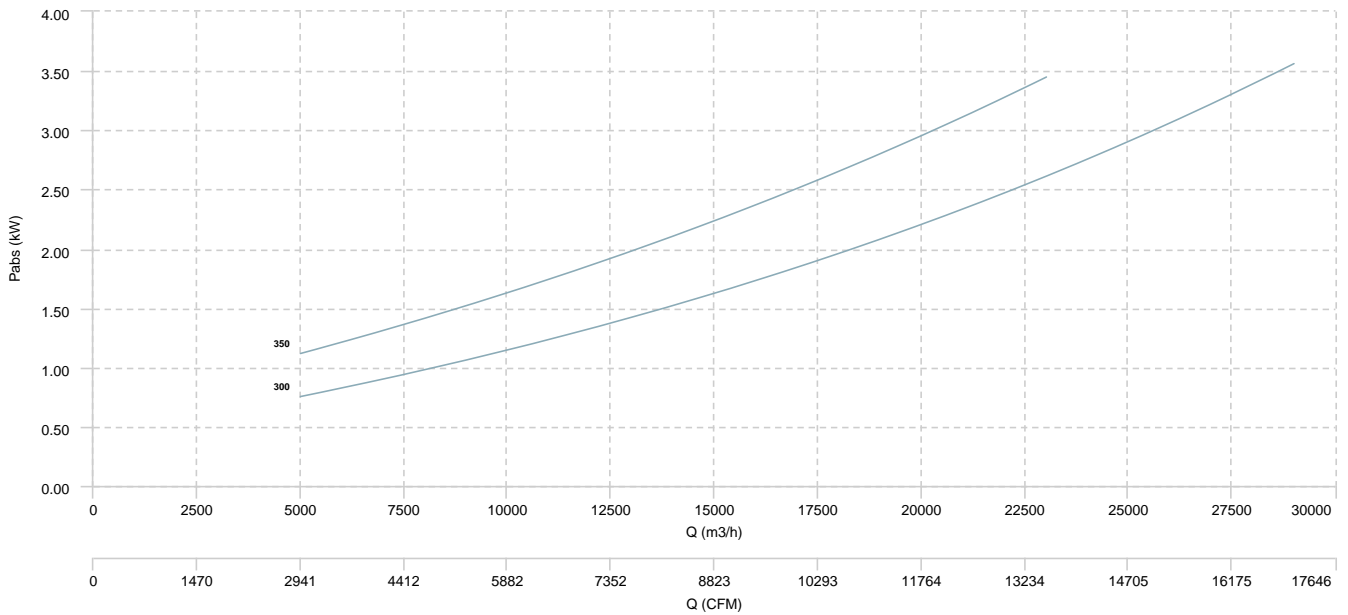


BOX BV 30/28 3kW

AIR FLOW - PRESSURE

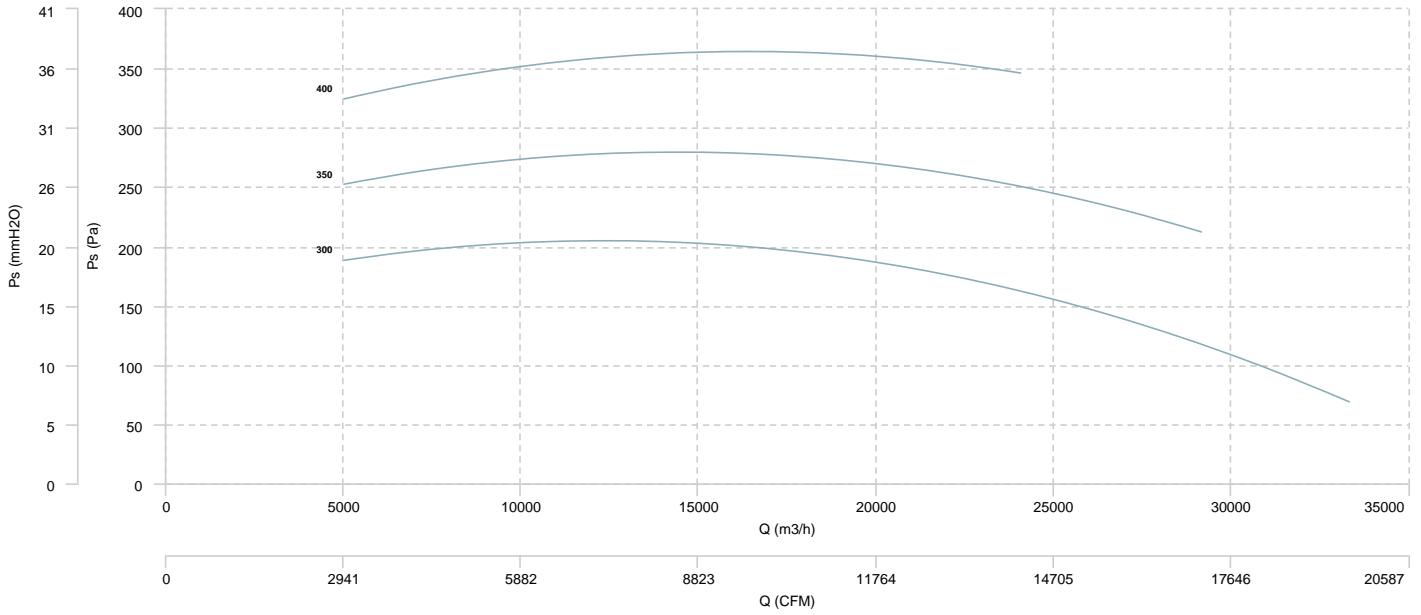


AIR FLOW - ABSORBED POWER

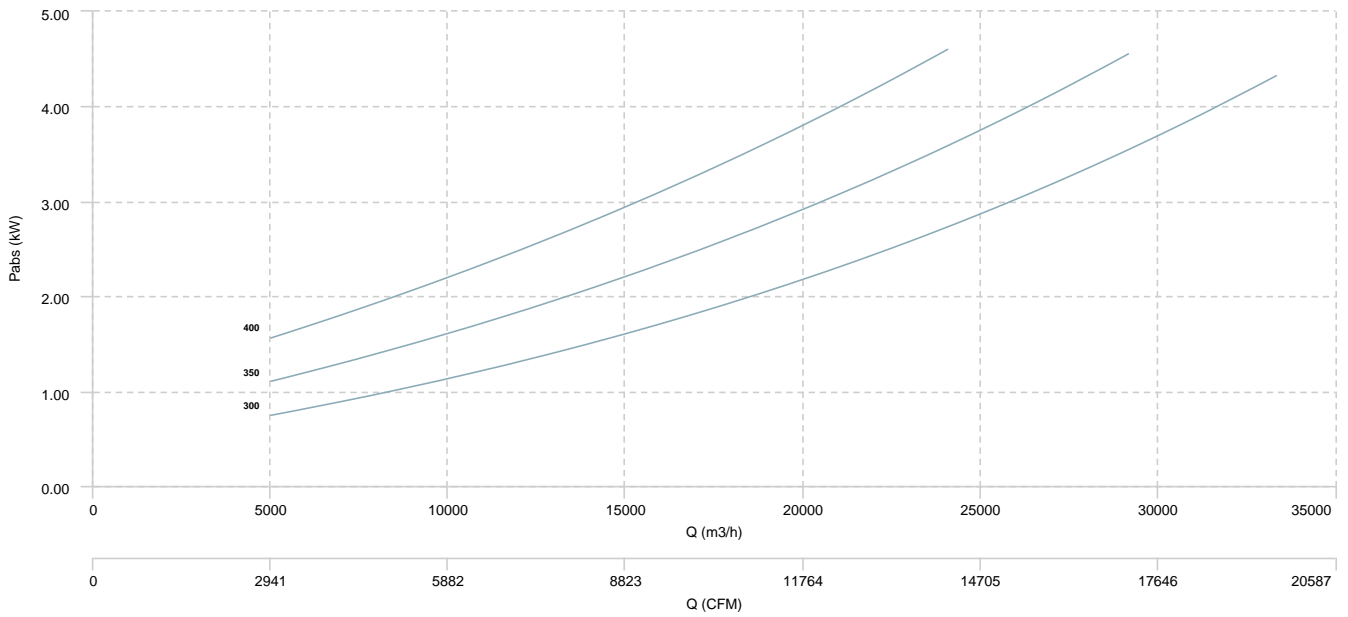


BOX BV 30/28 4kW

AIR FLOW - PRESSURE

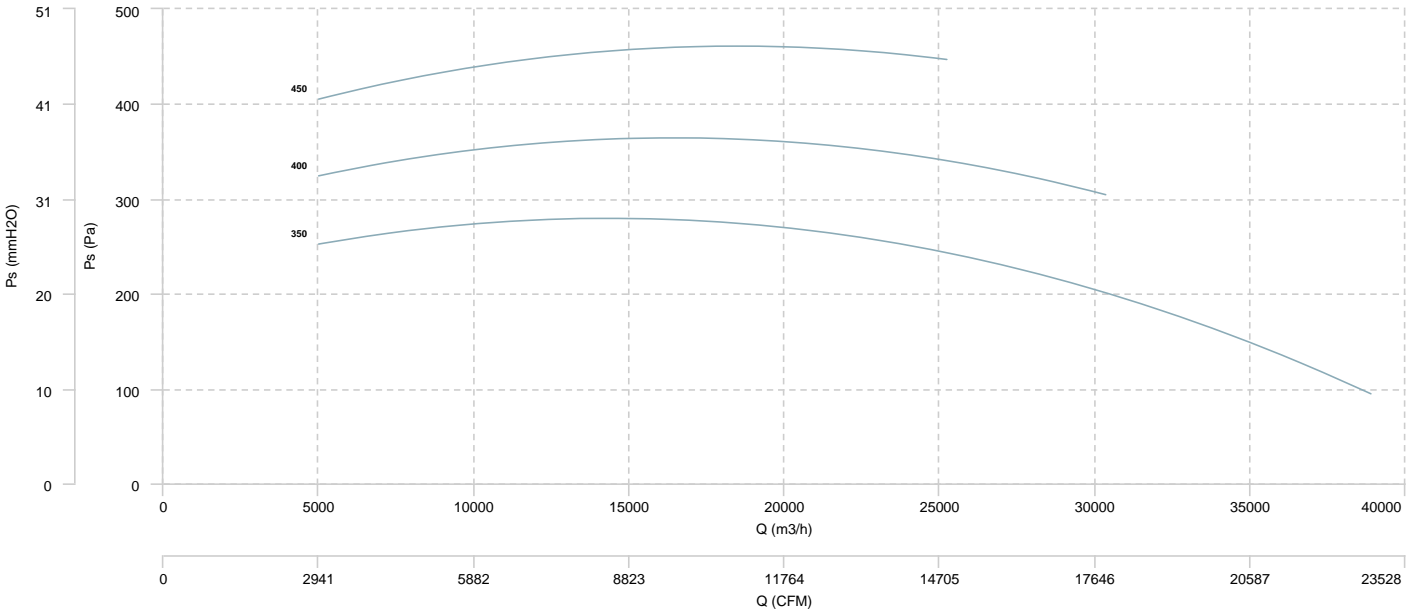


AIR FLOW - ABSORBED POWER

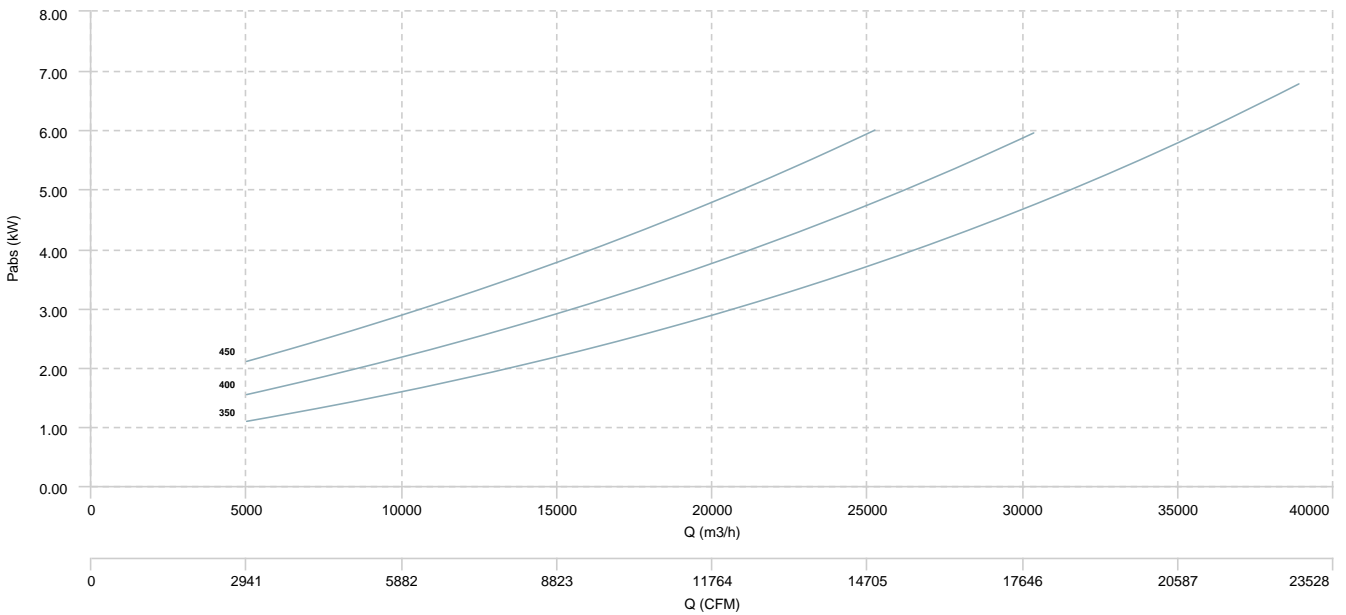


BOX BV 30/28 5,5kW

AIR FLOW - PRESSURE

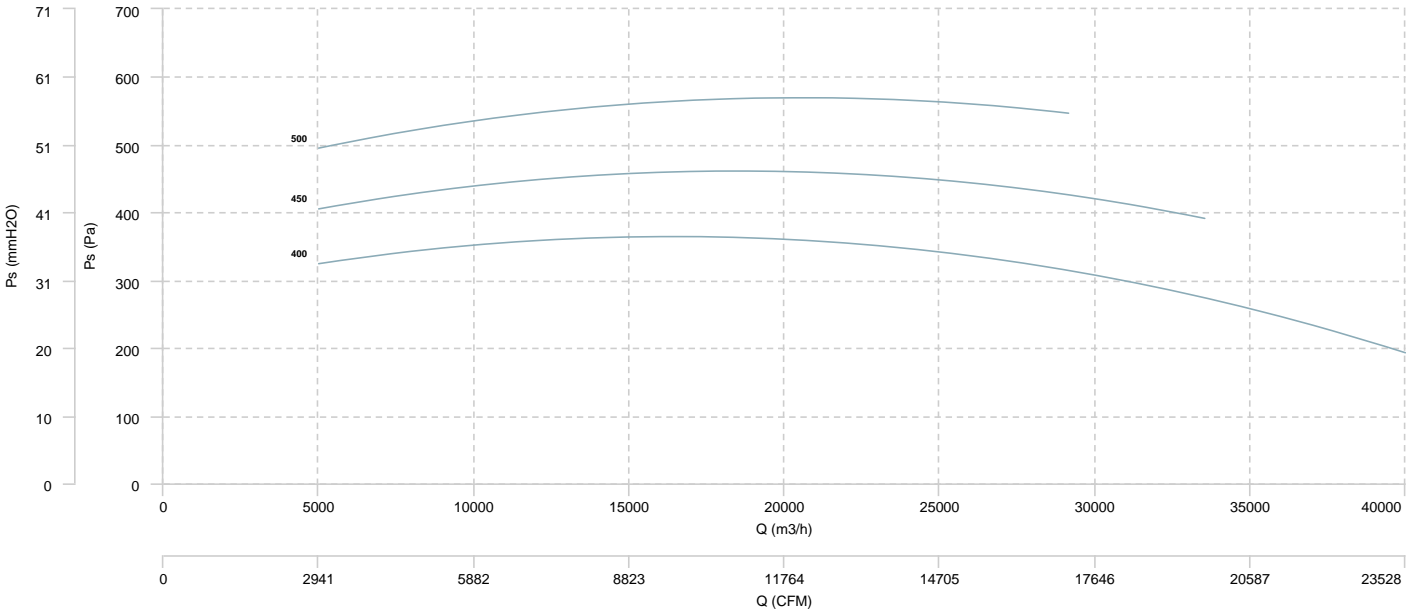


AIR FLOW - ABSORBED POWER

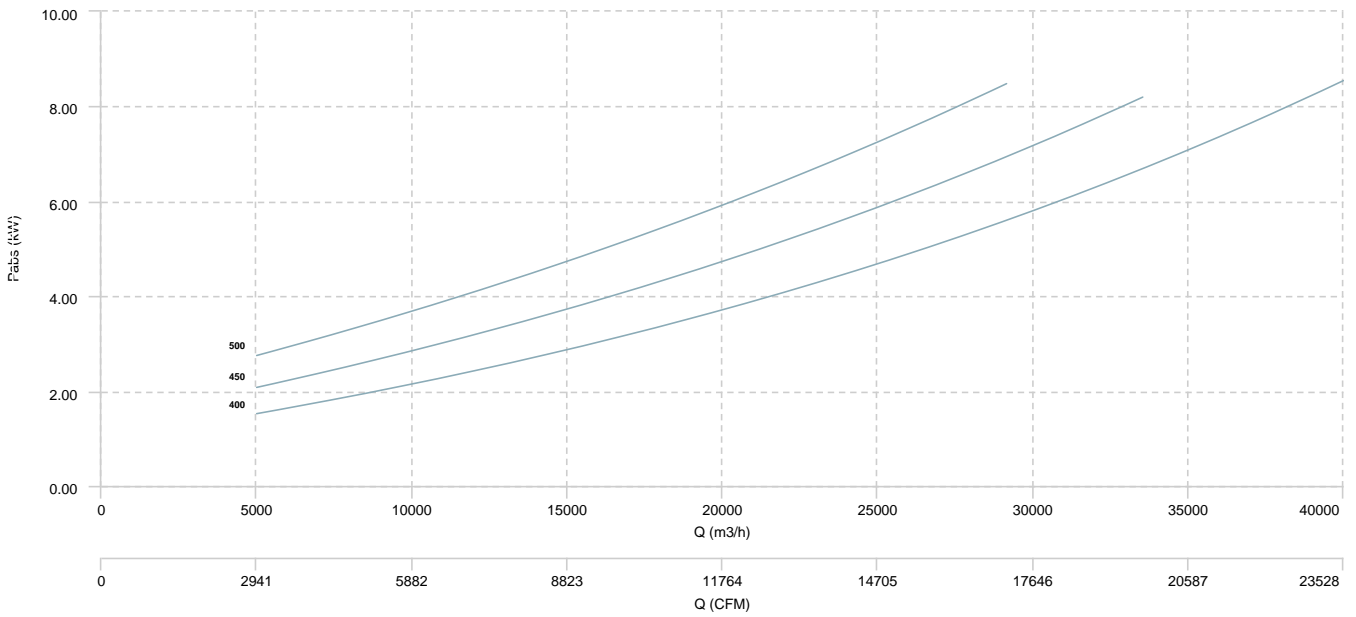


BOX BV 30/28 7,5kW

AIR FLOW - PRESSURE

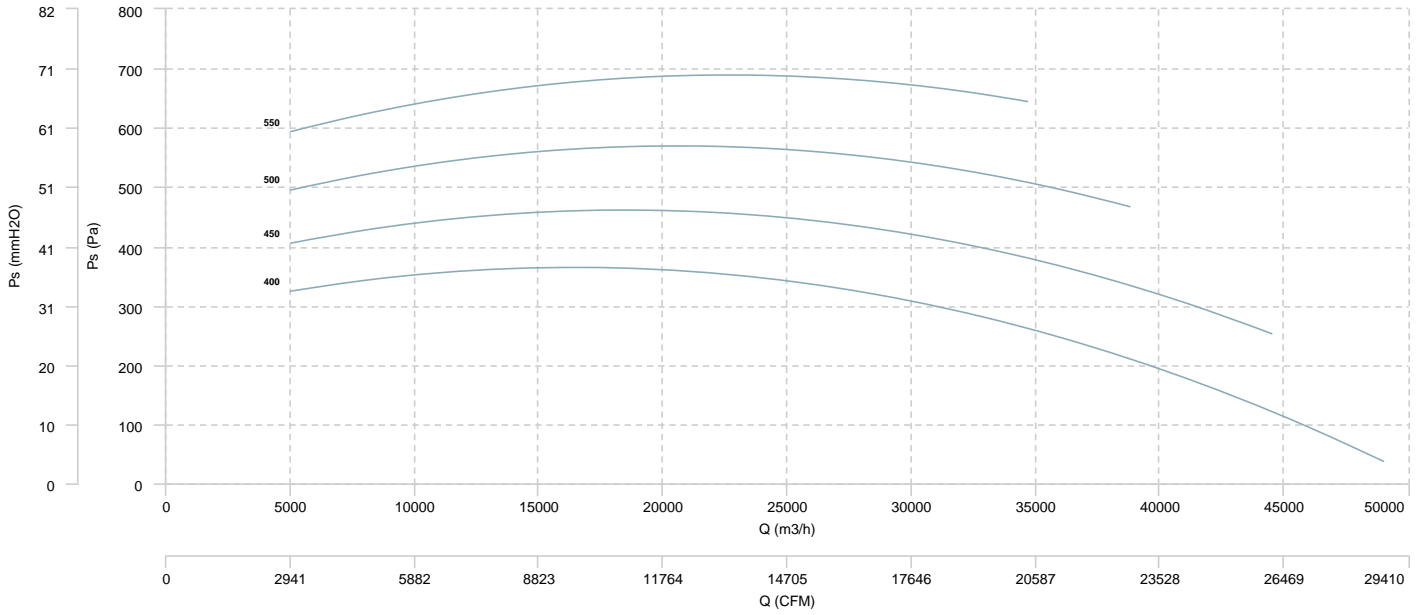


AIR FLOW - ABSORBED POWER

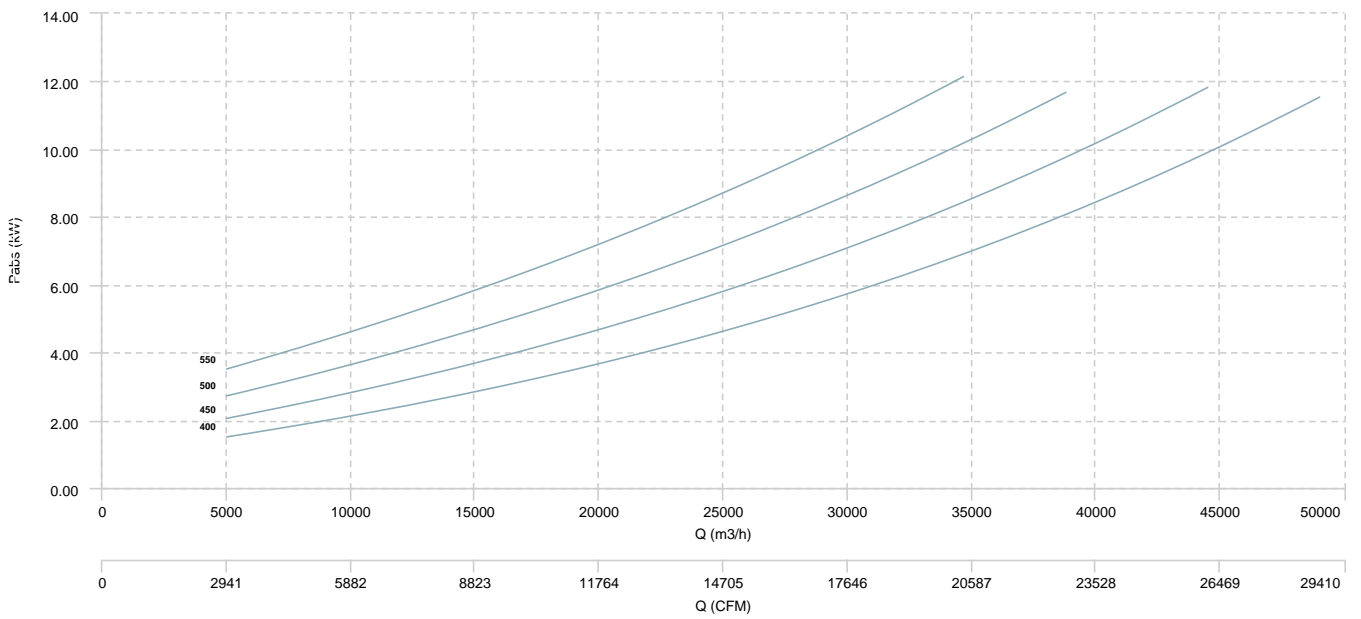


BOX BV 30/28 11kW

AIR FLOW - PRESSURE

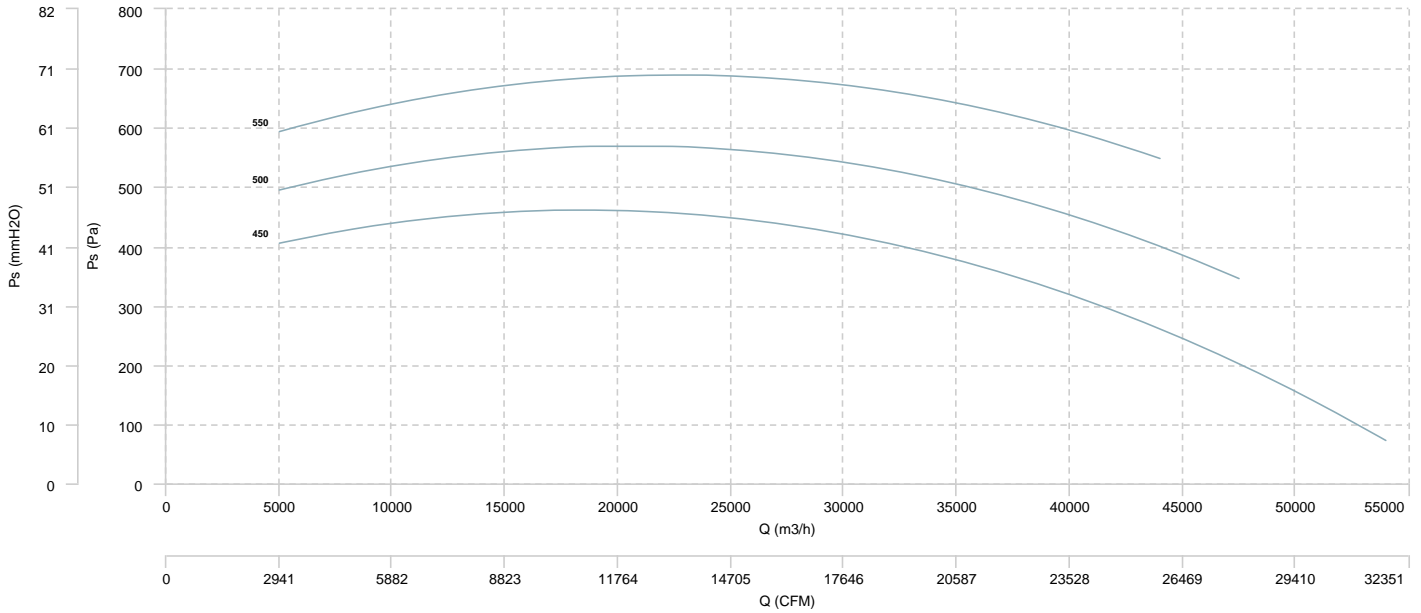


AIR FLOW - ABSORBED POWER

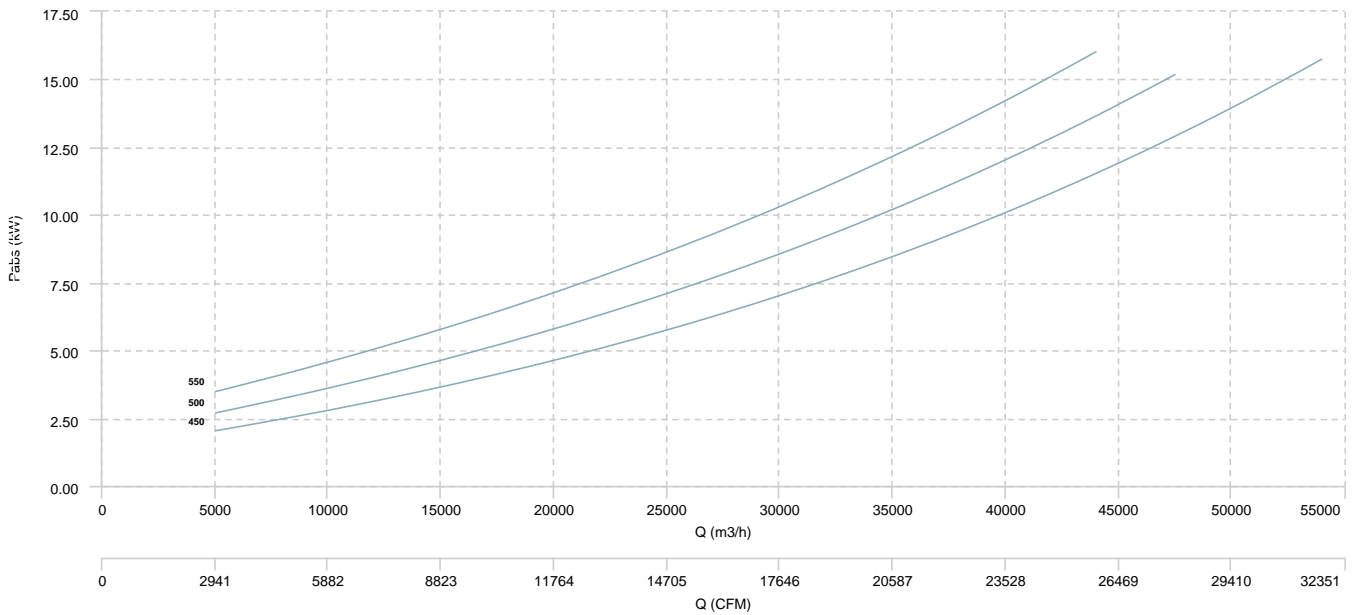


BOX BV 30/28 15kW

AIR FLOW - PRESSURE



AIR FLOW - ABSORBED POWER



Sound data

Sound / 4 poles

		Sound power Lw dB (A)								
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX BV 7/7 0,37kW (1650 RPM)	Inlet	55	57	61	60	68	67	58	53	72
BOX BV 7/7 0,55kW (1700 RPM)	Inlet	55	57	61	60	68	67	58	53	72
BOX BV 7/7 0,75kW (1900 RPM)	Inlet	58	60	64	63	71	70	61	56	75
BOX BV 9/9 0,37kW (1200 RPM)	Inlet	55	57	61	60	68	67	58	53	72
BOX BV 9/9 0,55kW (1250 RPM)	Inlet	56	58	62	61	69	68	59	54	72
BOX BV 9/9 0,75kW (1400 RPM)	Inlet	58	60	64	63	71	70	61	56	75
BOX BV 9/9 1,1kW (1650 RPM)	Inlet	62	64	68	67	75	74	65	60	78
BOX BV 10/10 0,37kW (1000 RPM)	Inlet	55	57	61	60	68	67	58	52	71
BOX BV 10/10 0,55kW (1050 RPM)	Inlet	56	58	62	61	69	68	59	53	72
BOX BV 10/10 0,75kW (1200 RPM)	Inlet	58	60	64	63	71	70	61	55	75
BOX BV 10/10 1,1kW (1250 RPM)	Inlet	59	61	65	64	72	71	62	56	76
BOX BV 10/10 1,5kW (1450 RPM)	Inlet	63	65	69	68	76	75	66	60	79
BOX BV 12/12 0,37kW (700 RPM)	Inlet	55	57	60	61	66	66	56	50	71
BOX BV 12/12 0,55kW (800 RPM)	Inlet	58	60	63	64	69	69	59	53	74
BOX BV 12/12 0,75kW (850 RPM)	Inlet	59	61	64	65	70	70	60	54	75
BOX BV 12/12 1,1kW (900 RPM)	Inlet	61	63	66	67	72	72	62	56	76
BOX BV 12/12 1,5kW (1050 RPM)	Inlet	64	66	69	70	75	75	65	59	80
BOX BV 12/12 2,2kW (1200 RPM)	Inlet	67	69	72	73	78	78	68	62	83
BOX BV 15/15 0,55kW (700 RPM)	Inlet	58	58	61	61	66	66	56	49	70
BOX BV 15/15 0,75kW (750 RPM)	Inlet	59	59	62	62	67	67	57	50	72
BOX BV 15/15 1,1kW (800 RPM)	Inlet	61	61	64	64	69	69	59	52	74
BOX BV 15/15 1,5kW (900 RPM)	Inlet	62	62	65	65	70	70	60	53	75
BOX BV 15/15 2,2kW (1000 RPM)	Inlet	65	65	68	68	73	73	63	56	77
BOX BV 15/15 3kW (1100 RPM)	Inlet	69	69	72	72	77	77	67	60	82
BOX BV 15/15 4kW (1100 RPM)	Inlet	69	69	72	72	77	77	67	60	82
BOX BV 18/18 1,1kW (500 RPM)	Inlet	55	54	57	57	61	60	51	44	66
BOX BV 18/18 1,5kW (550 RPM)	Inlet	57	56	59	59	63	62	53	46	68
BOX BV 18/18 2,2kW (600 RPM)	Inlet	59	58	61	61	65	64	55	48	70
BOX BV 18/18 3kW (700 RPM)	Inlet	62	61	64	64	68	67	58	51	73
BOX BV 18/18 4kW (800 RPM)	Inlet	65	64	67	67	71	70	61	54	76
BOX BV 18/18 5,5kW (800 RPM)	Inlet	65	64	67	67	71	70	61	54	76
BOX BV 20/20 1,5kW (400 RPM)	Inlet	57	56	59	59	61	60	51	44	66
BOX BV 20/20 2,2kW (500 RPM)	Inlet	62	61	64	64	66	65	56	49	72
BOX BV 20/20 3kW (500 RPM)	Inlet	62	61	64	64	66	65	56	49	72
BOX BV 20/20 4kW (600 RPM)	Inlet	66	65	68	68	70	69	60	53	76
BOX BV 20/20 5,5kW (700 RPM)	Inlet	69	68	71	71	73	72	63	56	79

Sound power Lw dB (A)										
Model		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Total
BOX BV 20/20 7,5kW (700 RPM)	Inlet	69	68	71	71	73	72	63	56	79
BOX BV 22/22 1,5kW (400 RPM)	Inlet	60	58	62	61	62	61	52	45	68
BOX BV 22/22 2,2kW (400 RPM)	Inlet	60	58	62	61	62	61	52	45	68
BOX BV 22/22 3kW (500 RPM)	Inlet	65	63	67	66	67	66	57	50	73
BOX BV 22/22 4kW (500 RPM)	Inlet	65	63	67	66	67	66	57	50	73
BOX BV 22/22 5,5kW (600 RPM)	Inlet	69	67	71	70	71	70	61	54	78
BOX BV 22/22 7,5kW (600 RPM)	Inlet	69	67	71	70	71	70	61	54	78
BOX BV 22/22 11kW (700 RPM)	Inlet	72	70	74	73	74	73	64	57	81
BOX BV 25/25 2,2kW (350 RPM)	Inlet	59	57	61	60	61	60	51	43	68
BOX BV 25/25 3kW (400 RPM)	Inlet	62	60	64	63	64	63	54	46	71
BOX BV 25/25 4kW (450 RPM)	Inlet	65	63	67	66	67	66	57	49	74
BOX BV 25/25 5,5kW (500 RPM)	Inlet	67	65	69	68	69	68	59	51	76
BOX BV 25/25 7,5kW (550 RPM)	Inlet	70	68	72	71	72	71	62	54	78
BOX BV 25/25 11kW (600 RPM)	Inlet	72	70	74	73	74	73	64	56	80
BOX BV 30/28 2,2kW (250 RPM)	Inlet	54	52	56	55	56	55	45	38	62
BOX BV 30/28 3kW (300 RPM)	Inlet	58	56	60	59	60	59	49	42	67
BOX BV 30/28 4kW (300 RPM)	Inlet	58	56	60	59	60	59	49	42	67
BOX BV 30/28 5,5kW (350 RPM)	Inlet	61	59	63	62	63	62	52	45	70
BOX BV 30/28 7,5kW (400 RPM)	Inlet	64	62	66	65	66	65	55	48	73
BOX BV 30/28 11kW (450 RPM)	Inlet	67	65	69	68	69	68	58	51	76
BOX BV 30/28 15kW (450 RPM)	Inlet	67	65	69	68	69	68	58	51	76

Notes:

* To calculate the sound power level at different rpm from those indicated above, use the following formula:

$$Lw \text{ dB(A)}_{rpmA} = Lw \text{ dB(A)}_{rpmB} + 52.5 \cdot \log_{10} \frac{rpmA}{rpmB}$$

erp data

ERP	
Fan type	Unit for non-residential ventilation (LOT 6)
Typology	Unidirectional
Others	None
Type of driver	None

ERP / 4 poles

Model	Maximum efficiency point data							
	Motor power (kW)	Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(1700 RPM)	0,55	-	33,17	0,42	1.269,67	291,53	6.14	1.648,26
(1750 RPM)	0,55	-	33,17	0,46	1.307,17	308,91	6.33	1.648,26
(1800 RPM)	0,55	-	33,17	0,50	1.344,14	326,85	6.5	1.648,26
(1850 RPM)	0,55	-	33,17	0,54	1.381,64	345,25	6.69	1.648,26
(1900 RPM)	0,55	-	33,05	0,58	1.413,29	364,74	6.84	1.648,26
(1950 RPM)	0,55	-	32,87	0,63	1.445,30	384,73	6.99	1.648,26
(2000 RPM)	0,55	-	33,05	0,68	1.487,67	402,54	7.2	1.648,26
(1650 RPM)	0,55	-	33,17	0,38	1.232,17	274,64	5.96	1.648,26
(1900 RPM)	0,75	-	33,17	0,49	1.419,14	364,14	6.87	1.385,72
(1950 RPM)	0,75	-	33,17	0,53	1.456,10	383,60	7.05	1.385,72
(2000 RPM)	0,75	-	33,17	0,58	1.493,83	401,86	7.23	1.385,72
(1800 RPM)	0,75	-	33,17	0,42	1.344,14	326,85	6.5	1.385,72
(1850 RPM)	0,75	-	33,17	0,46	1.381,64	345,25	6.69	1.385,72
(1200 RPM)	0,37	-	34,77	0,30	1.506,70	234,85	4.66	1.461,16
(1250 RPM)	0,37	-	34,77	0,34	1.569,48	254,83	4.86	1.461,16
(1300 RPM)	0,37	-	34,77	0,39	1.632,26	274,24	5.05	1.461,16
(1350 RPM)	0,37	-	34,77	0,43	1.695,04	295,74	5.24	1.461,16
(1400 RPM)	0,37	-	34,77	0,48	1.757,82	318,06	5.44	1.461,16
(1450 RPM)	0,37	-	34,77	0,54	1.820,60	337,28	5.63	1.461,16
(1500 RPM)	0,37	-	34,77	0,59	1.883,38	360,94	5.83	1.461,16
(1550 RPM)	0,37	-	34,33	0,60	1.700	401,45	5.26	1.461,16
(1600 RPM)	0,37	-	32,77	0,60	1.480	443,92	4.58	1.461,16
(1250 RPM)	0,55	-	37,58	0,32	1.569,48	254,83	4.86	1.350,11
(1300 RPM)	0,55	-	37,58	0,36	1.632,26	274,24	5.05	1.350,11
(1350 RPM)	0,55	-	37,58	0,40	1.695,04	295,74	5.24	1.350,11
(1400 RPM)	0,55	-	37,58	0,45	1.757,82	318,06	5.44	1.350,11
(1450 RPM)	0,55	-	37,58	0,50	1.820,60	337,28	5.63	1.350,11
(1500 RPM)	0,55	-	37,58	0,55	1.883,38	360,94	5.83	1.350,11

Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(1550 RPM)	0,55	-	37,58	0,61	1.946,16	385,41	6.02	1.350,11
(1600 RPM)	0,55	-	37,58	0,67	2.008,94	410,71	6.21	1.350,11
(1650 RPM)	0,55	-	37,58	0,73	2.071,72	436,78	6.41	1.350,11
(1700 RPM)	0,55	-	37,58	0,80	2.134,50	463,66	6.6	1.350,11
(1400 RPM)	0,75	-	44,64	0,38	1.757,82	318,06	5.44	1.136,40
(1450 RPM)	0,75	-	44,64	0,42	1.820,60	337,28	5.63	1.136,40
(1500 RPM)	0,75	-	44,64	0,46	1.883,38	360,94	5.83	1.136,40
(1550 RPM)	0,75	-	44,64	0,51	1.946,16	385,41	6.02	1.136,40
(1600 RPM)	0,75	-	44,64	0,56	2.008,94	410,71	6.21	1.136,40
(1650 RPM)	0,75	-	44,64	0,62	2.071,72	436,78	6.41	1.136,40
(1700 RPM)	0,75	-	44,64	0,67	2.134,50	463,66	6.6	1.136,40
(1650 RPM)	1,10	-	45,65	0,60	2.071,72	436,78	6.41	1.111,27
(1700 RPM)	1,10	-	45,65	0,66	2.134,50	463,66	6.6	1.111,27
(1000 RPM)	0,37	-	36,02	0,41	1.996,62	208,63	5.04	1.722,48
(1050 RPM)	0,37	-	35,61	0,48	2.080,11	230,89	5.25	1.722,48
(1100 RPM)	0,37	-	35,17	0,56	2.242,92	249,77	5.66	1.722,48
(1150 RPM)	0,37	-	37,93	0,60	2.160	281,55	5.45	1.722,48
(1200 RPM)	0,37	-	36,77	0,60	1.850	327,56	4.67	1.722,48
(1250 RPM)	0,37	-	34,44	0,60	1.570	372,37	3.96	1.722,48
(1300 RPM)	0,37	-	33,46	0,60	1.250	416,55	3.15	1.722,48
(1050 RPM)	0,55	-	36,02	0,44	2.096,71	230,01	5.29	1.540,02
(1100 RPM)	0,55	-	36,01	0,51	2.196,16	252,46	5.54	1.540,02
(1150 RPM)	0,55	-	38,96	0,56	2.176,53	280,63	5.49	1.540,02
(1250 RPM)	0,55	-	38,06	0,72	2.356,77	332,10	5.95	1.540,02
(1300 RPM)	0,55	-	39,76	0,77	2.307,18	361,82	5.82	1.540,02
(1200 RPM)	0,55	-	38,47	0,63	2.240,34	307,34	5.65	1.540,02
(1350 RPM)	0,55	-	39,42	0,82	2.210	401,38	5.58	1.540,02
(1400 RPM)	0,55	-	39,14	0,82	1.920	456,91	4.84	1.540,02
(1000 RPM)	0,55	-	36,02	0,38	1.996,62	208,63	5.04	1.540,02
(1200 RPM)	0,75	-	39,01	0,54	2.275,78	305,29	5.74	1.841,42
(1250 RPM)	0,75	-	38,74	0,60	2.346,66	332,71	5.92	1.841,42
(1300 RPM)	0,75	-	40,41	0,64	2.278,35	363,56	5.75	1.841,42
(1350 RPM)	0,75	-	39,98	0,72	2.358,39	392,53	5.95	1.841,42
(1400 RPM)	0,75	-	40,76	0,81	2.463,09	425,65	6.21	1.841,42
(1450 RPM)	0,75	-	40,91	0,94	2.730	444,10	6.89	1.841,42
(1500 RPM)	0,75	-	40,53	0,94	2.430	502,39	6.13	1.841,42
(1550 RPM)	0,75	-	41,77	0,94	2.140	559,23	5.4	1.841,42
(1600 RPM)	0,75	-	39,95	0,94	1.840	617,80	4.64	1.841,42



Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(1150 RPM)	0,75	-	38,96	0,47	2.176,53	280,63	5.49	1.841,42
(1250 RPM)	1,10	-	39,01	0,59	2.370,12	331,29	5.98	1.551,41
(1300 RPM)	1,10	-	40,98	0,64	2.330,87	360,38	5.88	1.551,41
(1350 RPM)	1,10	-	40,98	0,72	2.420,24	388,65	6.11	1.551,41
(1400 RPM)	1,10	-	42,21	0,79	2.482,84	424,37	6.26	1.551,41
(1450 RPM)	1,10	-	41,78	0,87	2.522,37	458,50	6.36	1.551,41
(1500 RPM)	1,10	-	41,33	0,96	2.577,78	492,79	6.5	1.551,41
(1550 RPM)	1,10	-	43,41	1	2.469,24	539,14	6.23	1.551,41
(1600 RPM)	1,10	-	42,86	1,11	2.580,80	572,36	6.51	1.551,41
(1450 RPM)	1,50	-	42,21	0,87	2.572,39	455,17	6.49	1.586,21
(1500 RPM)	1,50	-	42,21	0,96	2.660,82	487,12	6.71	1.586,21
(1550 RPM)	1,50	-	42,21	1,06	2.749,51	520,13	6.94	1.586,21
(1600 RPM)	1,50	-	41,80	1,15	2.784,52	558,18	7.03	1.586,21
(1650 RPM)	1,50	-	41,38	1,25	2.837,94	596,11	7.16	1.586,21
(1400 RPM)	1,5	-	42,21	0,78	2.482,84	424,37	6.26	1.586,21
(700 RPM)	0,37	-	38	0,35	2.835,82	130,95	5.2	745,55
(750 RPM)	0,37	-	42,64	0,39	2.787,43	155,83	5.11	745,55
(800 RPM)	0,37	-	41,74	0,48	2.947,89	177,72	5.4	745,55
(850 RPM)	0,37	-	41,86	0,60	3.290	193,08	6.03	745,55
(900 RPM)	0,37	-	40,47	0,60	2.900	223,75	5.31	745,55
(800 RPM)	0,55	-	42,82	0,45	2.990,48	177,02	5.48	1.104,13
(850 RPM)	0,55	-	43,30	0,54	3.191,98	194,45	5.85	1.104,13
(900 RPM)	0,55	-	42,33	0,64	3.382,78	217,96	6.2	1.104,13
(950 RPM)	0,55	-	42,17	0,82	3.920	236,73	7.18	1.104,13
(1000 RPM)	0,55	-	43,51	0,82	3.500	273,63	6.41	1.104,13
(1050 RPM)	0,55	-	42,29	0,82	3.100	310,72	5.68	1.104,13
(1100 RPM)	0,55	-	41,57	0,82	2.680	347,07	4.91	1.104,13
(700 RPM)	0,55	-	38	0,32	2.835,82	130,95	5.2	1.104,13
(750 RPM)	0,55	-	42,64	0,37	2.787,43	155,83	5.11	1.104,13
(850 RPM)	0,75	-	43,69	0,46	3.223,63	194,02	5.91	955,23
(900 RPM)	0,75	-	43,40	0,54	3.387,23	217,89	6.21	955,23
(950 RPM)	0,75	-	42,48	0,63	3.553,24	243,10	6.51	955,23
(1000 RPM)	0,75	-	43,95	0,68	3.456,07	274,35	6.33	955,23
(1050 RPM)	0,75	-	44,44	0,94	4.380	286,13	8.02	955,23
(1100 RPM)	0,75	-	44,88	0,95	3.980	326,10	7.29	955,23
(1150 RPM)	0,75	-	43,99	0,94	3.550	366,73	6.5	955,23
(800 RPM)	0,75	-	42,82	0,38	2.990,48	177,02	5.48	955,23
(900 RPM)	1,10	-	43,69	0,53	3.413,77	217,51	6.25	1.081,17



Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(950 RPM)	1,10	-	43,69	0,62	3.602,82	242,36	6.6	1.081,17
(1000 RPM)	1,10	-	45,71	0,68	3.542,13	272,92	6.49	1.081,17
(1050 RPM)	1,10	-	45,07	0,77	3.636,75	302,34	6.66	1.081,17
(1100 RPM)	1,10	-	45,24	0,83	3.532,14	333,48	6.47	1.081,17
(1150 RPM)	1,10	-	44,44	0,95	3.684,10	364,62	6.75	1.081,17
(1200 RPM)	1,10	-	45,12	1,35	4.920	366,83	9.01	1.081,17
(1250 RPM)	1,10	-	47,56	1,34	4.470	436,03	8.19	1.081,17
(1050 RPM)	1,50	-	45,71	0,78	3.719,16	300,90	6.81	1.454,27
(1100 RPM)	1,50	-	46,72	0,86	3.749,82	330,06	6.87	1.454,27
(1150 RPM)	1,50	-	46,18	0,96	3.818,86	362,45	7	1.454,27
(1200 RPM)	1,50	-	45,46	1,07	3.876,92	392,66	7.1	1.454,27
(1250 RPM)	1,50	-	48,24	1,15	3.809,50	447,69	6.98	1.454,27
(1300 RPM)	1,50	-	47,43	1,28	3.922,76	484,84	7.19	1.454,27
(1350 RPM)	1,50	-	46,07	1,35	3.732,50	528,47	6.84	1.454,27
(1400 RPM)	1,50	-	43,66	1,36	3.361,42	577,99	6.16	1.454,27
(1000 RPM)	1,5	-	45,71	0,67	3.542,13	272,92	6.49	1.454,27
(1200 RPM)	2,20	-	44,97	1,06	3.921,48	391,82	7.18	1.339,07
(1250 RPM)	2,20	-	49,99	1,20	4.096,23	443,09	7.5	1.339,07
(1300 RPM)	2,20	-	49,91	1,35	4.243,90	479,53	7.78	1.339,07
(1350 RPM)	2,20	-	49,14	1,46	4.249,92	519,90	7.79	1.339,07
(1400 RPM)	2,20	-	48,37	1,59	4.282,71	561,31	7.85	1.339,07
(1150 RPM)	2,2	-	46,18	0,95	3.818,86	362,45	7	1.339,07
(700 RPM)	0,55	-	38,02	0,58	3.727,44	175,29	4.94	560,10
(650 RPM)	0,55	-	38,03	0,46	3.460,16	151,16	4.59	560,10
(600 RPM)	0,55	-	38,06	0,36	3.186,11	128,91	4.23	560,10
(750 RPM)	0,75	-	41,12	0,60	4.002,66	201,06	5.31	541,08
(700 RPM)	0,75	-	41,15	0,49	3.715,11	175,49	4.93	541,08
(650 RPM)	0,75	-	41,19	0,39	3.458,75	151,18	4.59	541,08
(800 RPM)	1,1	-	42,10	0,71	4.255,77	229,03	5.65	602,20
(750 RPM)	1,1	-	42,13	0,59	3.983,34	201,41	5.28	602,20
(700 RPM)	1,1	-	42,11	0,48	3.725,38	175,32	4.94	602,20
(900 RPM)	1,5	-	42,75	0,99	4.766,24	290,32	6.32	749,58
(850 RPM)	1,5	-	42,82	0,84	4.520,97	258,56	6	749,58
(800 RPM)	1,5	-	42,82	0,70	4.255,77	229,03	5.65	749,58
(1000 RPM)	2,2	-	43,58	1,34	5.316,58	357,93	7.05	908,61
(950 RPM)	2,2	-	43,59	1,15	5.051,41	323,01	6.7	908,61
(900 RPM)	2,2	-	43,59	0,98	4.786,19	289,89	6.35	908,61
(1100 RPM)	3	-	44,18	1,76	5.836,04	433,41	7.74	1.084,20

Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(1050 RPM)	3	-	44,23	1,53	5.569,93	394,93	7.39	1.084,20
(1000 RPM)	3	-	44,21	1,33	5.331,87	357,56	7.07	1.084,20
(1100 RPM)	4	-	44,77	1,74	5.847,03	433,12	7.76	1.070,24
(500 RPM)	1,10	-	47,34	0,61	5.017,74	184,91	4.8	904,80
(550 RPM)	1,10	-	48,93	0,79	5.341,40	226,70	5.11	904,80
(600 RPM)	1,10	-	47,85	1,03	5.887,97	269,37	5.64	904,80
(650 RPM)	1,10	-	49,15	1,36	6.640	312,38	6.36	904,80
(700 RPM)	1,10	-	50,03	1,35	5.380	376,43	5.15	904,80
(550 RPM)	1,50	-	49,54	0,79	5.452,24	225,98	5.22	985,39
(600 RPM)	1,50	-	49,10	1,01	5.855,16	269,60	5.61	985,39
(650 RPM)	1,50	-	49,19	1,22	5.959,34	317,56	5.71	985,39
(700 RPM)	1,50	-	53,68	1,82	7.840	345,71	7.51	985,39
(750 RPM)	1,50	-	52,08	1,81	6.600	423,03	6.32	985,39
(600 RPM)	2,20	-	49,54	1	5.948,72	268,93	5.69	1.239,37
(650 RPM)	2,20	-	50,84	1,24	6.246,77	315,64	5.98	1.239,37
(700 RPM)	2,20	-	52,30	1,43	6.083,06	369,34	5.82	1.239,37
(750 RPM)	2,20	-	51,44	1,72	6.332,18	426,07	6.06	1.239,37
(800 RPM)	2,20	-	50,78	2,12	6.891	483,14	6.6	1.239,37
(850 RPM)	2,20	-	50,94	2,61	7.590	541,90	7.27	1.239,37
(700 RPM)	3,00	-	53,08	1,46	6.387,57	365,98	6.12	1.543,10
(750 RPM)	3,00	-	52,54	1,75	6.599,17	423,04	6.32	1.543,10
(800 RPM)	3,00	-	51,88	2,08	6.833,26	483,83	6.54	1.543,10
(850 RPM)	3,00	-	51,14	2,46	7.163,99	547,42	6.86	1.543,10
(900 RPM)	3,00	-	52,27	2,78	7.082,39	625,15	6.78	1.543,10
(950 RPM)	3,00	-	52,19	3,46	8.076,85	687,23	7.73	1.543,10
(800 RPM)	4,00	-	52,92	2,14	7.211,52	479,15	6.9	1.558,68
(850 RPM)	4,00	-	52,26	2,49	7.375,07	544,73	7.06	1.558,68
(750 RPM)	4,00	-	53,08	1,78	6.843,42	420,13	6.55	1.558,68
(900 RPM)	4,00	-	53,12	2,76	7.127,51	624,51	6.82	1.558,68
(950 RPM)	4,00	-	52,55	3,21	7.421,33	697,36	7.1	1.558,68
(800 RPM)	5,50	-	53,08	2,13	7.299,21	478,02	6.99	1.521,89
(850 RPM)	5,50	-	53,09	2,56	7.756,56	539,63	7.43	1.521,89
(900 RPM)	5,50	-	54,25	2,86	7.629,93	617,13	7.3	1.521,89
(950 RPM)	5,50	-	53,66	3,26	7.719,94	692,83	7.39	1.521,89
(400 RPM)	1,5	-	41,08	0,63	6.455,16	128,99	4.9	543,78
(450 RPM)	1,5	-	41,18	0,89	7.275,03	163,62	5.52	543,78
(500 RPM)	1,5	-	41,17	1,23	8.114,15	201,50	6.16	543,78
(500 RPM)	2,2	-	41,89	1,20	8.070,93	202,01	6.13	769,16

Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(550 RPM)	2,2	-	41,96	1,60	8.926,12	244,07	6.77	769,16
(600 RPM)	2,2	-	41,93	2,08	9.734,68	290,28	7.39	769,16
(500 RPM)	3	-	42,50	1,18	8.056,74	202,17	6.11	890,02
(550 RPM)	3	-	42,52	1,57	8.879,51	244,68	6.74	890,02
(600 RPM)	3	-	42,51	2,05	9.730,58	290,33	7.38	890,02
(650 RPM)	3	-	42,56	2,61	10.545,86	340,93	8	890,02
(600 RPM)	4	-	43,03	2,02	9.689,39	290,91	7.35	1.019,19
(650 RPM)	4	-	43,09	2,57	10.546,56	340,92	8	1.019,19
(700 RPM)	4	-	43,06	3,21	11.352,98	395,05	8.62	1.019,19
(400 RPM)	1,5	-	45,88	0,96	8.430,56	171,38	5.07	516,09
(450 RPM)	1,5	-	45,77	1,36	9.461,34	216,59	5.69	516,09
(400 RPM)	2,2	-	46,72	0,94	8.439,62	171,32	5.07	625,87
(450 RPM)	2,2	-	46,64	1,34	9.485,21	216,44	5.7	625,87
(500 RPM)	2,2	-	46,77	1,83	10.502,08	268,47	6.31	625,87
(500 RPM)	3	-	47,48	1,81	10.542,57	268,19	6.34	746,77
(450 RPM)	3	-	47,30	1,32	9.496,91	216,37	5.71	746,77
(550 RPM)	3	-	47,33	2,39	11.536,41	324,18	6.94	746,77
(500 RPM)	4	-	48,09	1,79	10.564,94	268,03	6.35	1.029,61
(550 RPM)	4	-	47,99	2,37	11.578,41	323,85	6.96	1.029,61
(600 RPM)	4	-	48,03	3,06	12.570,52	386,61	7.56	1.029,61
(650 RPM)	4	-	47,83	3,91	13.656,54	451,99	8.21	1.029,61
(600 RPM)	5,5	-	48,71	3,04	12.637,03	386,05	7.6	1.179,75
(550 RPM)	5,5	-	48,62	2,35	11.612,33	323,59	6.98	1.179,75
(650 RPM)	5,5	-	48,53	3,84	13.576,05	452,72	8.16	1.179,75
(700 RPM)	5,5	-	48,48	4,79	14.621,31	525,47	8.79	1.179,75
(600 RPM)	7,5	-	49,27	3,01	12.665,46	385,80	7.62	1.522,89
(650 RPM)	7,5	-	49,15	3,82	13.661,68	451,94	8.21	1.522,89
(700 RPM)	7,5	-	49,17	4,74	14.637,33	525,32	8.8	1.522,89
(750 RPM)	7,5	-	49,05	5,81	15.600,22	603,66	9.38	1.522,89
(800 RPM)	7,5	-	48,98	7,10	16.787,03	685,36	10.09	1.522,89
(700 RPM)	11	-	49,82	4,71	14.732,64	524,38	8.86	1.505,22
(750 RPM)	11	-	49,81	5,78	15.734,95	602,26	9.46	1.505,22
(800 RPM)	11	-	49,77	6,97	16.666,69	686,70	10.02	1.505,22
(350 RPM)	2,2	-	45,24	1,22	10.600,96	166,36	4.85	540,55
(400 RPM)	2,2	-	45,42	1,82	12.106,04	218,33	5.54	540,55
(400 RPM)	3	-	46,04	1,74	12.109,10	218,31	5.54	813,32
(450 RPM)	3	-	45,98	2,48	13.661,84	275,38	6.25	813,32
(500 RPM)	3	-	45,90	3,29	14.575,99	344	6.67	813,32

Model	Motor power (kW)	Maximum efficiency point data						
		Eff.Heat recovery (%)	Max. efficiency (%)	Pabs (kW)	Air Flow (m3/h)	Ps (Pa)	Speed (m/s)	SFP (W/m3/s)
(450 RPM)	4	-	46,49	2,45	13.636,97	275,55	6.24	970,34
(500 RPM)	4	-	46,57	3,37	15.195,52	339,36	6.95	970,34
(550 RPM)	4	-	46,68	4,35	16.149,21	416,44	7.39	970,34
(500 RPM)	5,5	-	46,99	3,32	15.172,19	339,54	6.94	1.139,13
(450 RPM)	5,5	-	47,10	2,42	13.673,52	275,29	6.25	1.139,13
(550 RPM)	5,5	-	47,26	4,44	16.794,08	411,09	7.68	1.139,13
(600 RPM)	5,5	-	47,23	5,61	17.719,14	493,50	8.1	1.139,13
(550 RPM)	7,5	-	47,61	4,38	16.746,05	411,50	7.66	1.317,24
(600 RPM)	7,5	-	47,65	5,71	18.349,99	487,70	8.39	1.317,24
(650 RPM)	7,5	-	47,95	7,17	19.590,92	576,49	8.96	1.317,24
(600 RPM)	11	-	55,41	4,37	13.036,33	521,66	5.96	1.503,87
(650 RPM)	11	-	53,80	5,03	12.034,29	617,71	5.5	1.503,87
(250 RPM)	2,2	-	55,17	1,01	13.296,32	139,55	4.45	395,36
(300 RPM)	2,2	-	55,02	1,71	15.583,80	201,46	5.22	395,36
(300 RPM)	3	-	55,94	1,71	15.759,24	201,10	5.28	530,57
(350 RPM)	3	-	55,88	2,68	18.176,53	275,07	6.09	530,57
(300 RPM)	4	-	56,69	1,70	15.940,30	200,71	5.34	684,18
(350 RPM)	4	-	56,76	2,65	18.184,39	275,05	6.09	684,18
(400 RPM)	4	-	56,47	3,97	20.900,26	358,17	7	684,18
(350 RPM)	5,5	-	57,64	2,67	18.579,83	274,07	6.22	855,10
(400 RPM)	5,5	-	57,29	3,88	20.665,80	358,81	6.92	855,10
(450 RPM)	5,5	-	57,22	5,67	23.869,28	452,23	7.99	855,10
(400 RPM)	7,5	-	58,20	3,89	20.978,86	357,95	7.03	1.043,74
(450 RPM)	7,5	-	57,93	5,45	23.216,46	454,27	7.78	1.043,74
(500 RPM)	7,5	-	57,86	7,64	26.360,53	559,03	8.83	1.043,74
(450 RPM)	11	-	58,95	5,46	23.547,78	453,26	7.89	1.247,44
(500 RPM)	11	-	58,70	7,38	25.772,60	561,03	8.63	1.247,44
(550 RPM)	11	-	58,56	9,92	28.621,70	678,07	9.59	1.247,44
(400 RPM)	11	-	58,96	3,93	21.445,86	356,57	7.18	1.247,44
(450 RPM)	15	-	59,57	5,53	24.066,43	451,56	8.06	1.236,51
(500 RPM)	15	-	59,47	7,39	26.044,13	560,14	8.72	1.236,51
(550 RPM)	15	-	59,27	9,73	28.324,50	679,14	9.49	1.236,51