

Vort QBK Range

Double inlet cabinet fans



VENTILATION
AIR CONDITIONING
AIR CLEANING
HEATING



Air is life

We work to promote quality of life and a contribute to social evolution through eco-friendly products that move air safely and efficiently.



Our current Vortice Headquarters have been located in Tribiano (Milan) since 1972.



Founded in 1974, Vortice France is located at Crétail about 10 Km from Paris.



Founded in 1977, Vortice Limited is located at Burton on Trent in the East Midlands.

2010 - Our Moscow representative office was established
2011 - Our Shanghai representative office was established

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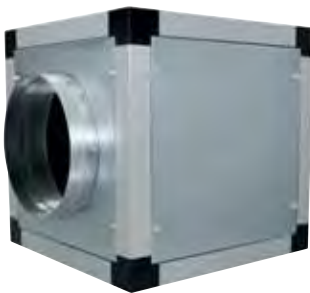
15 | Performance curves.



Self-supporting double inlet cabinet fans.
16 models with flow rates up to 8000 m³/h.

10 | **VORT QBK COMFORT RANGE**

15 | Performance curves.



Sound-proof double inlet cabinet fans.
10 models with flow rates up to 6000 m³/h.

7 | **VORT QBK SAL RANGE**

15 | Performance curves.



Double inlet cabinet fans.
16 models with flow rates up to 8000 m³/h.

21 | **VORT QBK POWER RANGE**

28 | Performance curves.



Belt driven cabinet fans.
61 models with flow rates up to 30000 m³/h.

VORT QBK

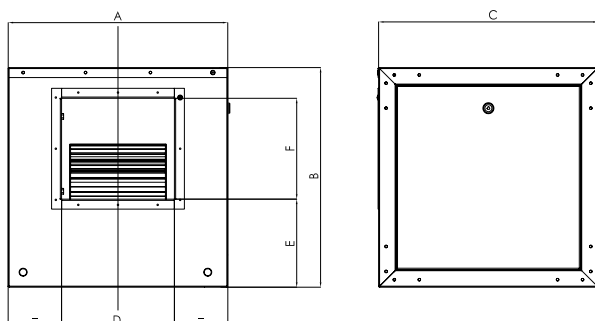


SELF-SUPPORTING DOUBLE INLET CABINET FANS

Product specifications:

- 16 models: 8 IP20 one-speed, 7 IP44/55 three-speeds (upon request), 1 IP55 one speed (upon request).
- Zinc-coated self-supporting cabinet (10/10), sound-proof panels, polyethylene padding, with metal and adhesive finishing (10 mm), class I.
- Double inlet centrifugal fan, forward curved blade, directly coupled to an AC motor 1 or 3 speeds (one or three phase).
- Double interchangeable inspection panel with handle and triangular key.
- Operating temperature between -20 and + 70°C.
- Flow rates up to 8000 m³/h.
- Designed for ducted ventilation applications.
- Suitable for internal or external installations.
- Insulation class: Cl.I. ⊕

DIMENSIONS



Models	A	B	C	D	E	F
VORT QBK 7/7	440	440	440	232	172	208
VORT QBK 9/9	480	480	480	298	160	262
VORT QBK 10/10	540	540	540	331	192	289
VORT QBK 12/12	680	680	680	395	282	341

Dimensions (mm)

VORT QBK

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W nom.	W max.	A max	Poles	RPM	m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max	Kg	Max °C	IP Motor
SINGLE PHASE	VORT QBK 7/7 6M 1V	45200	230	62	226	1.0	6	900	1460	404	11.8	115	20.5	50	20
	VORT QBK 7/7 4M 1V	45201	230	147	422	1.7	4	1300	1580	438	21.4	210	20.5	40	20
	VORT QBK 9/9 6M 1V	45202	230	245	549	2.6	6	850	2900	803	17.3	170	28.3	70	20
	VORT QBK 9/9 4M 1V	45203	230	373	1165	5.1	4	1380	2920	809	35.5	348	28.6	40	20
	VORT QBK 10/10 6M 1V	45204	230	245	643	2.8	6	850	2800	776	20	196	35.3	40	20
	VORT QBK 10/10 4M 1V	45205	230	550	1330	6.1	4	1400	4150	1150	48.9	480	35.3	40	20
	VORT QBK 12/12 6M 1V	45206	230	736	1290	6.15	6	925	6000	1662	32.1	315	59.1	40	20
	VORT QBK 7/7 6M 3V	45208	230	90	207	0.9	6	900	800	222	11.8	115	30	40	55
									1525	422					
	VORT QBK 7/7 4M 3V	45209	230	184	406	1.43	4	1230	990	274	23.4	230	30	60	55
									1800	499					
	VORT QBK 9/9 6M 3V	45210	230	200	478	2.0	6	830	1250	346	17.8	175	31.3	40	44
									2800	776					
	VORT QBK 9/9 4M 3V	45211	230	350	734	3.0	4	1250	1250	346	34.7	340	31.6	40	55
									2685	744					
	VORT QBK 10/10 6M 3V	45212	230	280	620	2.7	6	900	1790	496	21.4	210	43.3	40	44
									3440	953					
	VORT QBK 10/10 4M 3V	45213	230	550	987	3.9	4	1400	2050	568	48	470	43.3	40	55
									3190	884					
	VORT QBK 12/12 6M 3V	45214	230	500	1039	4.5	6	860	2950	817	30.4	298	66.1	40	55
									4500	1247					
THREE PHASE	VORT QBK 12/12 6T 1V	45215	230/400	550	1104	4.8	6	950	5750	1593	38.23	375	65.7	40	55
						2.8									
	VORT QBK 12/12 6T 1V	45207	230/400	1100	2455	4.3	6	900	8000	2216	33.6	330	58.7	40	20

VORT QBK

NOISE LEVELS

Noise level table (sound level in frequency bands in "octaves", overall sound level and noise pressure level at 1 m).

Models	Code	Speed	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	Lw dB(A)	Lp dB(A) 1m
VORT QBK 7/7 6M 1V	45200	1	37.4	46.0	47.3	56.2	54.1	51.3	49.0	59.9	52.0
VORT QBK 7/7 4M 1V	45201	1	37.6	48.6	51.0	58.3	56.8	54.2	52.1	62.5	54.5
VORT QBK 9/9 6M 1V	45202	1	43.0	56.1	57.9	64.2	64.0	63.8	55.6	69.5	61.5
VORT QBK 9/9 4M 1V	45203	1	48.9	59.1	56.4	66.2	64.3	63.6	55.2	70.3	62.4
VORT QBK 10/10 6M 1V	45204	1	46.0	51.5	54.7	57.7	58.4	55.8	47.8	63.5	55.4
VORT QBK 10/10 4M 1V	45205	1	50.2	57.2	61.0	66.7	66.7	64.9	59.6	71.8	63.8
VORT QBK 12/12 6M 1V	45206	1	56.1	59.8	66.2	68.9	69.3	67.5	60.8	74.6	66.6
VORT QBK 12/12 6T 1V	45207	1	56.0	59.8	70.2	71.2	71.4	71.8	65.9	77.6	69.6
VORT QBK 7/7 6M 3V	45208	3-max	36.1	46.1	48.6	57.0	57.6	54.1	52.0	62.1	54.1
		2	29.9	38.6	43.3	50.4	49.7	44.8	41.5	54.4	46.4
		1-min	25.9	31.7	37.8	44.1	38.5	36.1	28.8	46.6	38.6
VORT QBK 7/7 4M 3V	45209	3-max	41.4	49.3	52.6	60.1	61.3	61.0	56.5	66.4	58.4
		2	30.2	41.2	45.0	52.8	55.7	48.0	46.3	58.5	50.5
		1-min	26.0	36.8	40.7	48.0	46.4	41.1	36.1	51.5	43.5
VORT QBK 9/9 6M 3V	45210	3-max	43.7	55.0	58.9	62.6	60.6	60.0	52.6	67.2	59.2
		2	34.2	43.5	44.8	50.1	50.8	41.8	34.3	54.7	46.7
		1-min	30.8	41.6	38.6	42.5	40.1	30.4	21.6	47.2	39.2
VORT QBK 9/9 4M 3V	45211	3-max	41.6	53.5	59.0	60.6	60.7	61.4	53.1	66.9	59.2
		2	37.1	50.3	49.7	55.6	55.0	52.6	44.0	60.4	52.4
		1-min	26.1	40.9	40.4	45.1	49.4	36.9	30.1	51.7	43.7
VORT QBK 10/10 6M 3V	45212	3-max	45.7	55.4	51.7	58.1	58.1	54.7	46.2	63.3	55.4
		2	47.0	55.3	50.3	56.7	56.6	52.3	43.5	62.1	54.1
		1-min	44.6	50.4	48.1	53.9	53.4	48.0	38.9	58.7	50.7
VORT QBK 10/10 4M 3V	45213	3-max	53.5	63.1	59.4	66.9	66.6	65.1	59.2	72.2	64.2
		2	52.1	58.9	54.5	61.1	61.7	59.3	51.2	67.0	59.0
		1-min	47.0	55.7	50.6	56.5	56.7	52.5	43.6	62.2	54.2
VORT QBK 12/12 6M 3V	45214	3-max	51.5	59.5	62.9	65.0	64.4	61.4	53.8	70.2	62.2
		2	49.7	56.4	61.8	62.1	61.0	57.4	49.2	67.4	59.5
		1-min	48.8	53.8	57.1	58.5	56.8	51.9	43.1	63.4	55.4
VORT QBK 12/12 6T 1V	45215	1	51.0	58.6	61.4	64.7	63.5	62.1	54.6	69.7	61.7

Unit casing noise absorption capacity:

125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
4.8	5.6	8.3	3.7	4	3.5	1.3

Values calculated from the noise level of the fan at the intake when running.
 Fan connected to an air system (feed) L=3 m diam. 500 mm.
 Lp dB(A) calculated from the Lw reading (distance 1 m, directional factor 2).
 Calculations carried out using the following table

VORT QBK SAL

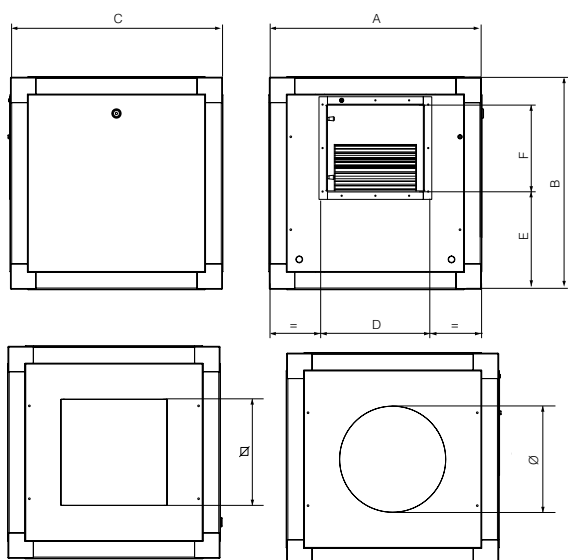


DOUBLE INLET CABINET FANS

Product specifications:

- 16 models: 8 IP20 one-speed (upon request),
7 IP44/55 three-speeds,
1 IP55 one-speed.
- Extruded UNI 9006 aluminium casings assembled with precast aluminium joints.
- Sandwich panels insulated with expanded polyurethane (density 40 kg/m³) measuring 23 mm (external layer 6/10 zinc treated, internal layer zinc treated 6/10).
- Double inlet fan, forward curved blade, directly coupled to an AC motor 1 or 3 speeds (one or three phase).
- 1 x intake panel pre-cut to accommodate square ducting.
- 1 x intake panel pre-cut to accommodate round ducting.
- 1 x inspection panel with triangular key.
- Operating temperature between -20 and +70°C.
- Flow rates up to 8000 m³/h.
- Designed for ducted ventilation applications.
- Suitable for internal or external installations.
- Insulation class: Cl.I.Ⓢ

DIMENSIONS



Models	A	B	C	D	E	F	Ø	∅
VORT QBK SAL 7/7	500	500	500	232	229	208	250	250x250
VORT QBK SAL 9/9	500	500	500	298	175	262	355	350x350
VORT QBK SAL 10/10	600	600	600	331	248	289	400	400x400
VORT QBK SAL 12/12	700	700	700	395	296	341	450	450x450

Dimensions (mm)

VORT QBK SAL

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W nom.	W max.	A max	Poles	RPM	Max Airflow		Max Pressure		Kg	Max °C	IP Motor
									m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max			
SINGLE PHASE	VORT QBK SAL 7/7 6M 1V	45220	230	62	226	1.0	6	900	1460	404	11.8	115	24.6	50	20
	VORT QBK SAL 7/7 4M 1V	45221	230	147	422	1.7	4	1300	1580	438	21.4	210	31.3	40	20
	VORT QBK SAL 9/9 6M 1V	45222	230	245	549	2.6	6	850	2900	803	17.3	170	30.8	70	20
	VORT QBK SAL 9/9 4M 1V	45223	230	373	1165	5.1	4	1380	2920	809	35.5	348	34.1	40	20
	VORT QBK SAL 10/10 6M 1V	45224	230	245	643	2.8	6	850	2800	776	20	196	37	40	20
	VORT QBK SAL 10/10 4M 1V	45225	230	550	1330	6.1	4	900	4150	1150	48.9	480	44	40	20
	VORT QBK SAL 12/12 6M 1V	45226	230	736	1290	6.15	6	925	6000	1662	32.1	315	61.2	40	20
	VORT QBK SAL 7/7 6M 3V	45228	230	90	207	0.9	6	900	800	222	9.6	94	30.6	40	55
									1525	422	11.8	115			
	VORT QBK SAL 7/7 4M 3V	45229	230	184	314	1.43	4	1230	990	274	12.7	125	31.3	60	55
									1800	499	23.4	230			
	VORT QBK SAL 9/9 6M 3V	45230	230	200	478	2.0	6	830	1250	346	12.2	120	33.8	40	44
									2800	776	17.8	175			
	VORT QBK SAL 9/9 4M 3V	45231	230	350	734	3.0	4	1250	1250	346	12.7	125	37.1	40	55
									2685	744	34.7	340			
	VORT QBK SAL 10/10 6M 3V	45232	230	280	620	2.7	6	900	1790	496	18.1	178	45	40	44
									3440	953	21.4	210			
	VORT QBK SAL 10/10 4M 3V	45233	230	550	897	3.9	4	1400	2050	568	37	363	52	40	55
									3190	884	48	470			
	VORT QBK SAL 12/12 6M 3V	45234	230	500	1039	4.5	6	860	2950	817	21.9	215	68.2	40	55
									4500	1247	30.4	298			
THREE PHASE	VORT QBK SAL 12/12 6T 1V	45227	230/400	1100	2455	4.3	6	900	8000	2216	33.6	330	68	40	20
	VORT QBK SAL 12/12 6T 1V	45235	230/400	550	1104	2.8	6	950	5750	1593	38.23	375	68.6	40	55

VORT QBK SAL

NOISE LEVELS

Noise level table (sound level in frequency bands in "octaves", overall sound level and noise pressure level at 1 m)

Models	Code	Speed	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	Lw dB(A)	Lp dB(A) 1m
VORT QBK SAL 7/7 6M 1V	45220	1	33.2	41.6	43.6	47.9	44.1	23.8	13.3	51.0	43.0
VORT QBK SAL 7/7 4M 1V	45221	1	33.4	44.2	47.3	50.0	46.8	26.7	16.4	53.6	45.6
VORT QBK SAL 9/9 6M 1V	45222	1	38.8	51.7	54.2	55.9	54.0	36.3	19.9	60.3	52.3
VORT QBK SAL 9/9 4M 1V	45223	1	44.7	54.7	52.7	57.9	54.3	36.1	19.5	61.5	53.5
VORT QBK SAL 10/10 6M 1V	45224	1	41.8	47.1	51.0	49.4	48.4	28.3	12.1	55.4	47.4
VORT QBK SAL 10/10 4M 1V	45225	1	46.0	52.8	57.3	58.4	56.7	37.4	23.9	62.9	54.9
VORT QBK SAL 12/12 6M 1V	45226	1	51.9	55.4	62.5	60.6	59.3	40.0	25.1	66.3	58.3
VORT QBK SAL 12/12 6T 1V	45227	1	51.8	55.4	66.5	62.9	61.4	44.3	30.2	69.2	61.2
VORT QBK SAL 7/7 6M 3V	45228	3-max	31.9	41.7	44.9	48.7	47.6	26.6	16.3	52.5	44.6
		2	25.7	34.2	39.6	42.1	39.7	17.3	<10	45.8	37.8
		1-min	21.7	27.3	34.1	35.8	28.5	<10	<10	38.9	30.9
VORT QBK SAL 7/7 4M 3V	45229	3-max	37.2	44.9	48.9	51.8	51.3	33.5	20.8	56.0	48.1
		2	26.0	36.8	41.3	44.5	45.7	20.5	10.6	49.2	41.3
		1-min	21.8	32.4	37.0	39.7	36.4	13.6	<10	43.1	35.1
VORT QBK SAL 9/9 6M 3V	45230	3-max	39.5	50.6	55.2	54.3	50.6	32.5	16.9	59.2	51.3
		2	30.0	39.1	41.1	41.8	40.8	14.3	<10	46.9	38.9
		1-min	26.6	37.2	34.9	34.2	30.1	<10	<10	41.0	33.0
VORT QBK SAL 9/9 4M 3V	45231	3-max	37.4	49.1	55.3	52.3	50.7	33.9	17.4	58.5	50.6
		2	32.9	45.9	46.0	47.3	45.0	25.1	<10	52.2	44.2
		1-min	21.9	36.5	36.7	36.8	39.4	<10	<10	43.6	35.6
VORT QBK SAL 10/10 6M 3V	45232	3-max	41.5	51.0	48.0	49.8	48.1	27.2	10.5	55.6	47.6
		2	42.8	50.9	46.6	48.4	46.6	24.8	<10	54.8	46.8
		1-min	40.4	46.0	44.4	45.6	43.4	20.5	<10	51.4	43.4
VORT QBK SAL 10/10 4M 3V	45233	3-max	49.3	58.7	55.7	58.6	56.6	37.6	23.5	63.8	55.8
		2	47.9	54.5	50.8	52.8	51.7	31.8	15.5	59.1	51.1
		1-min	42.8	51.3	46.9	48.2	46.7	25.0	<10	55.0	47.0
VORT QBK SAL 12/12 6M 3V	45234	3-max	47.3	55.1	59.2	56.7	54.4	33.9	18.1	62.9	54.9
		2	45.5	52.0	58.1	53.8	51.0	29.9	13.5	60.8	52.8
		1-min	44.6	49.4	53.4	50.2	46.8	24.4	<10	56.9	48.9
VORT QBK SAL 12/12 6T 1V	45235	1	46.8	54.2	57.7	56.4	53.5	34.6	18.9	61.9	54.0

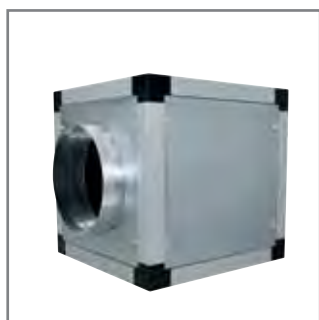
Unit casing noise absorption capacity:

125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
9	10	12	12	14	31	37

Values calculated from the noise level of the fan at the intake when running.
 Fan connected to an air system (feed) L=3 m diam. 500 mm.
 Lp dB(A) calculated from the Lw reading (distance 1 m, directional factor 2).
 Calculations carried out using the following table

VORT QBK COMFORT

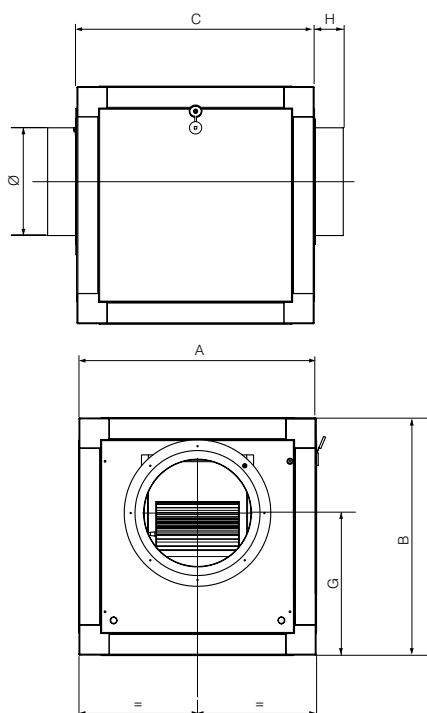
SOUND-PROOF DOUBLE INLET CABINET FANS



Product specifications:

- 10 models: 2 IP20 four-speed
7 IP44/55 three-speed,
1 IP55 one-speed.
- Extruded UNI 9006 aluminium casings assembled with precast aluminium joints.
- Zinc treated sandwich panels, sound-proof with mineral wool (density 90/100 kg/m³) covered with 48 mm layer of fibreglass.
- Fan motor unit made up of double inlet forward curved centrifugal blades directly coupled to 3 or 4 speed single or three phase AC motor depending on model.
- 1 x inspection panel with locking handle.
- 1 x intake panel with smooth round nipple.
- 1 x smooth round nipple on inlet vent.
- Operating temperature between -20 and +60°C.
- Flow rates up to 6000 m³/h.
- Designed for ducted ventilation applications.
- Suitable for internal or external installations.
- Insulation class: Cl.I. Ⓣ

DIMENSIONS



Models	A	B	C	G	H	Ø
VORT QBK COMFORT 7/7	550	550	550	330	60	250
VORT QBK COMFORT 9/9	550	550	550	317.5	60	315
VORT QBK COMFORT 10/10	650	650	650	375	90	400
VORT QBK COMFORT 12/12	750	750	750	450	90	450

Dimensions (mm)

Models	A	B	C	G	H	Ø
VORT QBK COMFORT 500 M ³ /H M 2P	400	400	400	230	45	200
VORT QBK COMFORT 800 M ³ /H M 2P	450	450	450	230	45	250

Dimensions (mm)

VORT QBK COMFORT

TECHNICAL DATA

	Models	Code	V ~ 50 Hz	W nom.	W max.	A max	Poles	RPM	m³/h min/max	l/s min/max	mmH₂O min/max	Pa min/max	Kg	Max °C	IP Motor
SINGLE PHASE	VORT QBK COMFORT 7/7 6M 3V	45241	230	90	207	0.9	6	900	800	222	9.6	94	39.5	40	55
									1525	422	11.8	115			
	VORT QBK COMFORT 7/7 4M 3V	45242	230	184	314	1.43	4	1230	990	274	12.7	125	41.2	60	55
									1800	499	23.4	230			
	VORT QBK COMFORT 9/9 6M 3V	45243	230	200	478	2	6	830	1250	346	12.2	120	43.3	40	44
									2800	776	17.8	175			
	VORT QBK COMFORT 9/9 4M 3V	45244	230	350	734	3	4	1250	1250	346	12.7	125	47	40	55
									2685	744	34.7	340			
	VORT QBK COMFORT 10/10 6M 3V	45245	230	280	620	2.7	6	900	1790	496	18.1	178	57	40	44
									3440	953	21.4	210			
THREE PHASE	VORT QBK COMFORT 10/10 4M 3V	45246	230	550	897	3.9	4	1400	2050	568	37	363	63.2	40	55
									3190	884	48	470			
	VORT QBK COMFORT 12/12 6M 3V	45247	230	500	1039	4.5	6	860	2950	817	21.9	215	78.3	40	55
									4500	1247	30.4	298			
	VORT QBK COMFORT 500 4V	45249	230	N/A*	150	0.66	6	1100	265	73	17.8	175	20.7	40	20
									630	175	41.8	405			
	VORT QBK COMFORT 800 4V	45250	230	N/A*	355	1.55	6	1850	450	125	42.28	420	24.5	40	20
									1060	295	48.93	480			
	VORT QBK COMFORT 12/12 6T 1V	45248	230/400	550	1104	2.8	6	950	5750	1593	38.23	375	78.5	40	55

* Data not available

VORT QBK COMFORT

NOISE LEVELS

Noise level table (sound level in frequency bands in "octaves", overall sound level and noise pressure level at 1 m)

Models	Code	Speed	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz	Lw dB(A)	Lp dB(A) 1m
VORT QBK COMFORT 500 4V	45249	4-max	29.2	32.2	38.0	39.5	33.0	12.6	<10	43.0	35.0
		3	21.3	24.7	30.8	29.8	24.6	<10	<10	34.6	26.6
		2	15.1	19.4	26.3	24.0	17.6	<10	<10	29.3	21.3
		1-min	10.8	14.4	19.7	16.1	10.1	<10	<10	22.7	14.7
VORT QBK COMFORT 800 4V	45250	4-max	46.3	52.3	54.6	51.2	47.1	29.1	20.4	58.4	50.4
		3	44.1	45.9	48.8	46.4	41.5	23.1	13.9	53.0	45.0
		2	38.3	39.3	42.1	40.3	34.1	14.8	<10	46.5	38.5
		1-min	28.4	30.3	35.0	31.8	25.3	<10	<10	38.3	30.3
VORT QBK COMFORT 7/7 6M 3V	45241	3-max	29.9	39.7	43.9	47.7	46.6	24.6	15.3	51.5	43.5
		2	23.7	32.2	38.6	41.1	38.7	15.3	<10	44.7	36.7
		1-min	19.7	25.3	33.1	34.8	27.5	<10	<10	37.8	29.9
VORT QBK COMFORT 7/7 4M 3V	45242	3-max	35.2	42.9	47.9	50.8	50.3	31.5	19.8	55.0	47.0
		2	24.0	34.8	40.3	43.5	44.7	18.5	<10	48.2	40.2
		1-min	19.8	30.4	36.0	38.7	35.4	11.6	<10	42.1	34.1
VORT QBK COMFORT 9/9 6M 3V	45243	3-max	37.5	48.6	54.2	53.3	49.6	30.5	15.9	58.1	50.1
		2	28.0	37.1	40.1	40.8	39.8	12.3	<10	45.7	37.8
		1-min	24.6	35.2	33.9	33.2	29.1	<10	<10	39.5	31.5
VORT QBK COMFORT 9/9 4M 3V	45244	3-max	35.4	47.1	54.3	51.3	49.7	31.9	16.4	57.4	49.4
		2	30.9	43.9	45.0	46.3	44.0	23.1	<10	51.0	43.0
		1-min	19.9	34.5	35.7	35.8	38.4	<10	<10	42.4	34.4
VORT QBK COMFORT 10/10 6M 3V	45245	3-max	39.5	49.0	47.0	48.8	47.1	25.2	<10	54.2	46.3
		2	40.8	48.9	45.6	47.4	45.6	22.8	<10	53.4	45.4
		1-min	38.4	44.0	43.4	44.6	42.4	18.5	<10	50.0	42.0
VORT QBK COMFORT 10/10 4M 3V	45246	3-max	47.3	56.7	54.7	57.6	55.6	35.6	22.5	62.5	54.5
		2	45.9	52.5	49.8	51.8	50.7	29.8	14.5	57.6	49.7
		1-min	40.8	49.3	45.9	47.2	45.7	23.0	<10	53.5	45.6
VORT QBK COMFORT 12/12 6M 3V	45247	3-max	45.3	53.1	58.2	55.7	53.4	31.9	17.1	61.7	53.7
		2	43.5	50.0	57.1	52.8	50.0	27.9	12.5	59.7	51.7
		1-min	42.6	47.4	52.4	49.2	45.8	22.4	<10	55.7	47.7
VORT QBK COMFORT 12/12 6T 1V	45248	1	44.8	52.2	56.7	55.4	52.5	32.6	17.9	60.8	52.8

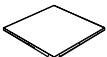
Unit casing noise absorption capacity:

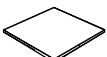
125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
11	12	13	13	15	33	38

Values calculated from the noise level of the fan at the intake when running.
 Fan connected to an air system (feed) L=3 m diam. 500 mm.
 Lp dB(A) calculated from the Lw reading (distance 1 m, directional factor 2).
 Calculations carried out using the following table

VORT QBK / SAL / COMFORT

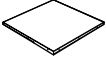
ACCESSORIES

QBK Accessories		Code	For models
	QBK F (feet)	24204	QBK (all models)
	QBK ABC 7/7 (air cowling)	24200	45200-45201-45208-45209-45202-45203-45210-45211
	QBK ABC 10/10 - 12/12 (air cowling)	24202	45204-45205-45212-45213-45206-45207-45214-45215
	QBK RRC SAL 7/7-9/9 (rain guard)	24209	45200-45201-45208-45209-45202-45203-45210-45211
	QBK RRC SAL 10/10 (rain guard)	24210	45204-45205-45212-45213
	QBK RRC SAL 12/12 (rain guard)	24211	45206-45207-45214-45215
	QBK RRS (round nipple joint for Ø 250 mm intake)	24205	45200 - 45201
	QBK RRS (round nipple joint for Ø 315 mm intake)	24206	45202 - 45203
	QBK RRS (round nipple joint for Ø 400 mm intake)	24207	45204 - 45205
	QBK RRS (round nipple joint for Ø 450 mm intake)	24208	45206 - 45207
	IREM 3	12931	45200 - 45201 - 45202
	IREM 5	12932	45203 - 45204
	IREM 9	12933	45205 - 45206
	IRET 6	12934	45215 - 45207
	C3VM3	12949	45208 - 45209 - 45210
	C3VM16	22916	45211 - 45212 - 45213 - 45214

QBK SAL Accessories		Code	For models
	QBK F (feet)	24204	QBK SAL (all models)
	QBK ABC 7/7 (air cowling)	24200	45220-45221-45228-45229-45222-45223-45230-45231
	QBK ABC 10/10 - 12/12 (air cowling)	24202	45224-45225-45232-45233-45226-45227-45234-45235
	QBK RRC SAL 7/7-9/9 (rain guard)	24209	45222-45221-45228-45229-45222-45223-45230-45231
	QBK RRC SAL 10/10 (rain guard)	24210	45224-45225-45232-45233
	QBK RRC SAL 12/12 (rain guard)	24211	45226-45227-45234-45235
	QBK RRS (round nipple joint for Ø 250 mm intake)	24205	45228 - 45229
	QBK RRS (round nipple joint for Ø 315 mm intake)	24206	45230 - 45231
	QBK RRS (round nipple joint for Ø 400 mm intake)	24207	45232 - 45233
	QBK RRS (round nipple joint for Ø 450 mm intake)	24208	45234 - 45235
	IREM 3	12931	45220 - 45221 - 45222
	IREM 5	12932	45223 - 45224
	IREM 9	12933	45225 - 45226
	IRET 6	12934	45235-45227
	C3VM3	12949	45228 - 45229 - 45230
	C3VM16	22916	45231 - 45232 - 45233 - 45234

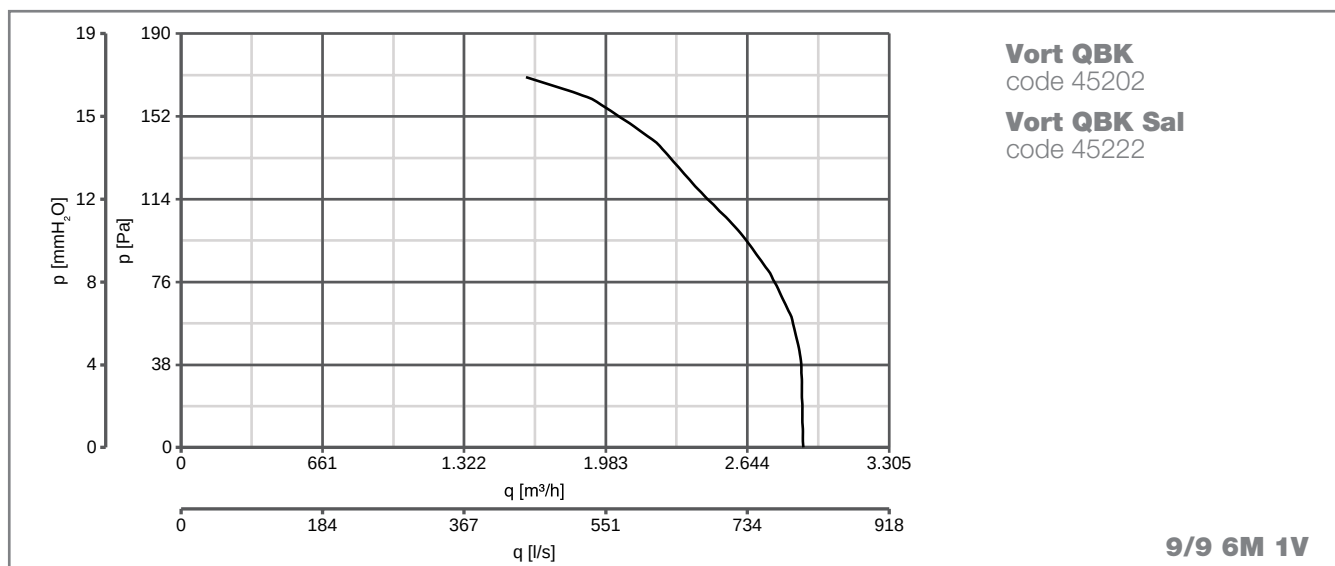
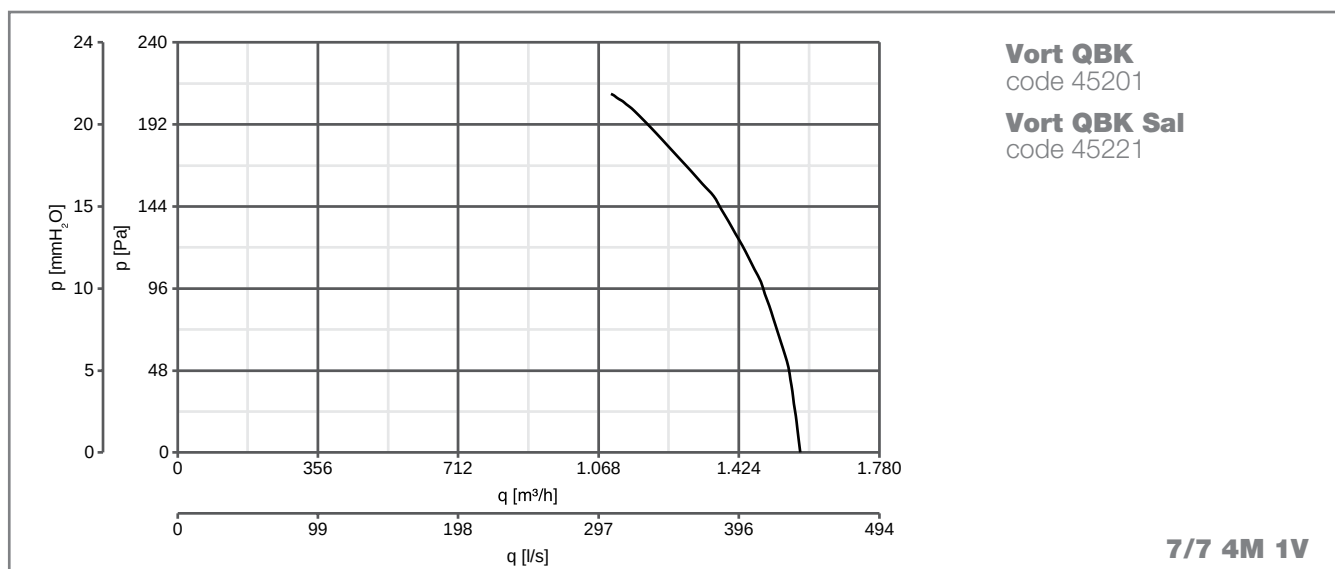
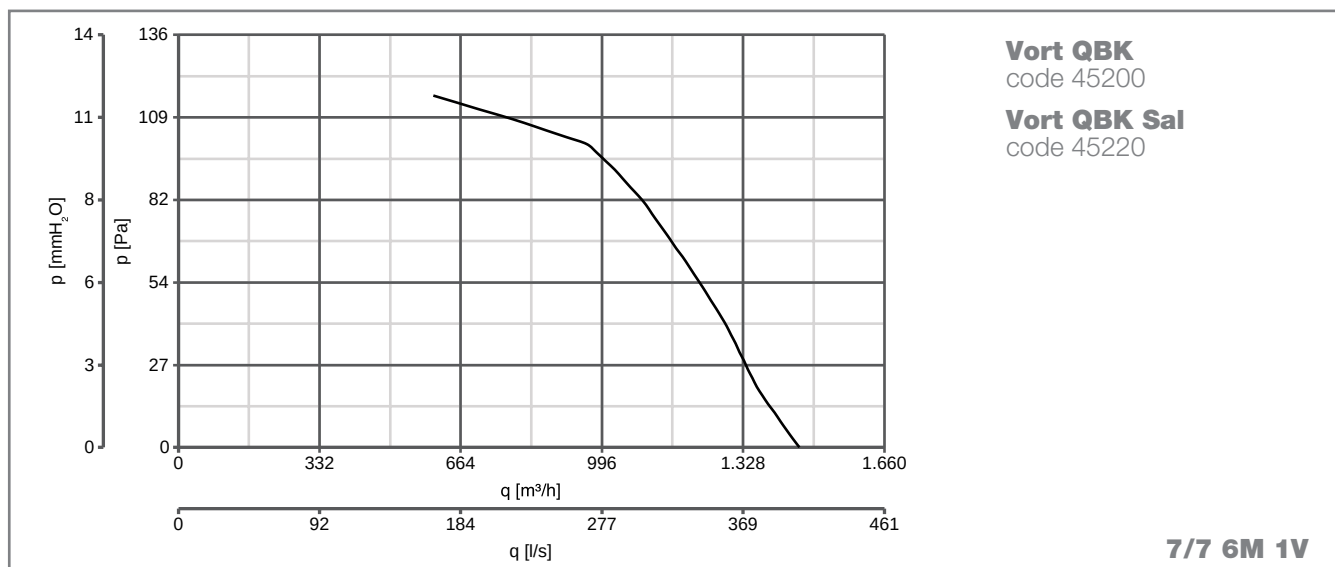
VORT QBK / SAL / COMFORT

ACCESSORIES

QBK COMFORT Accessories		Code	For models
	QBK F Comfort (feet)	22247	QBK COMFORT (all models)
	QBK RRC COMFORT 7/7-9/9 (rain guard)	24212	45241-45242-45243-45244
	QBK RRC COMFORT 10/10 (rain guard)	24213	45245-45246
	QBK RRC COMFORT 12/12 (rain guard)	24214	45247-45248
	IRET 6	12934	45248
	C3VM3	12949	45241 - 45242 - 45243
	C3VM16	22916	45244 - 45245 - 45246 - 45247
	C4VM16	14021	45249 - 45250

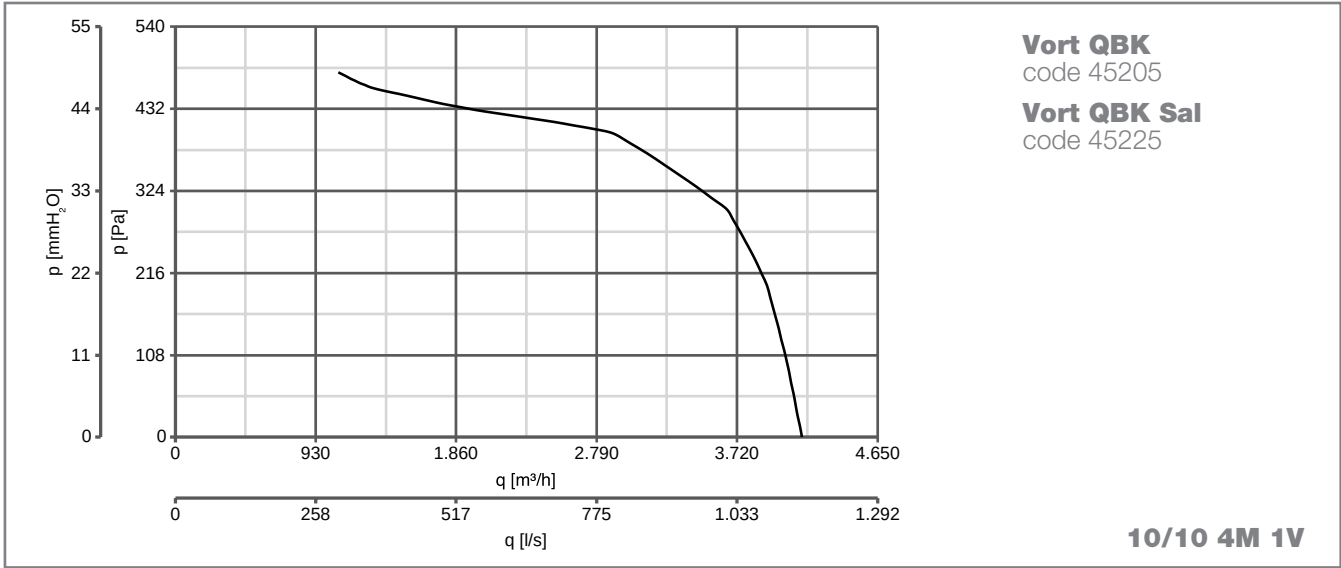
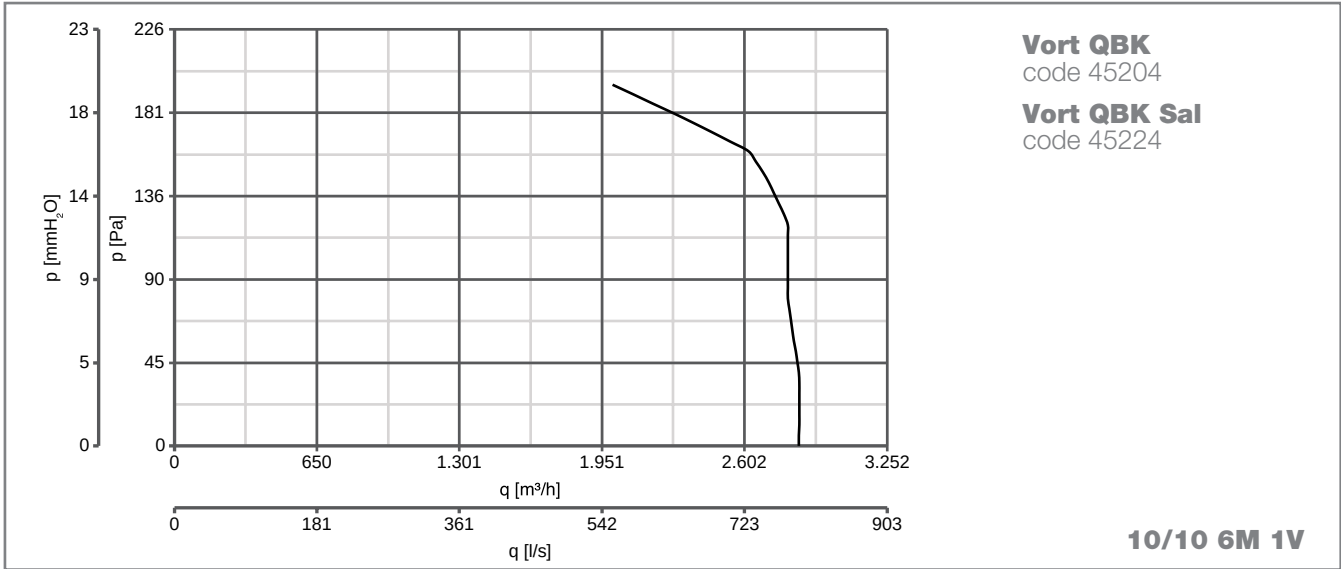
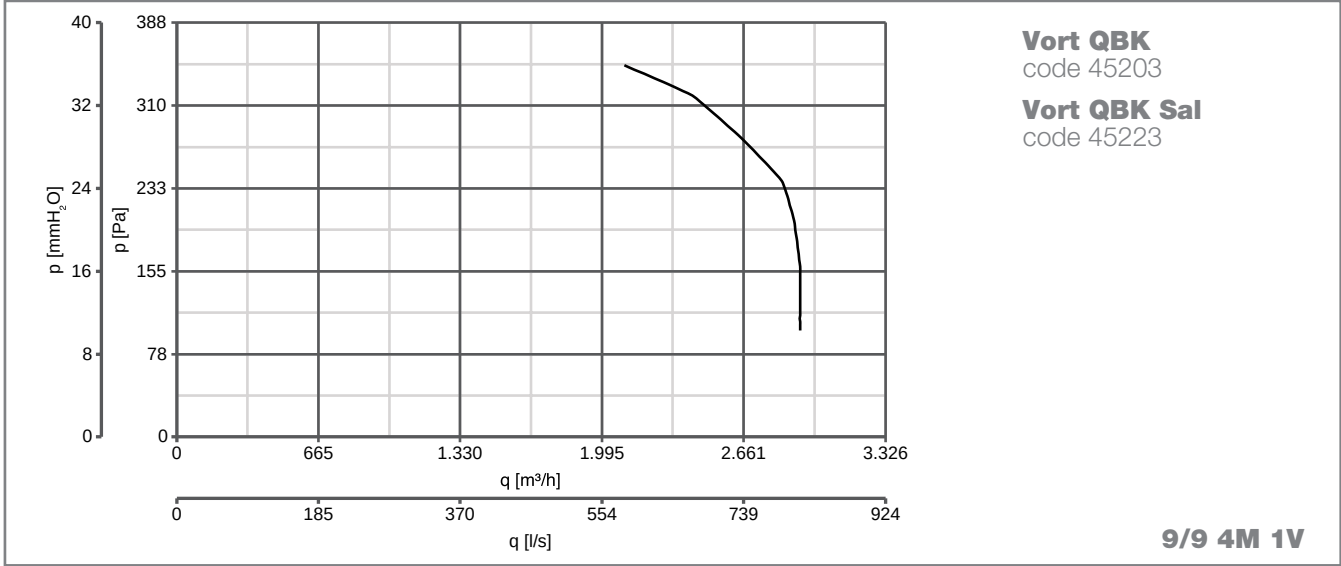
VORT QBK / SAL / COMFORT

PERFORMANCE CURVES



VORT QBK / SAL / COMFORT

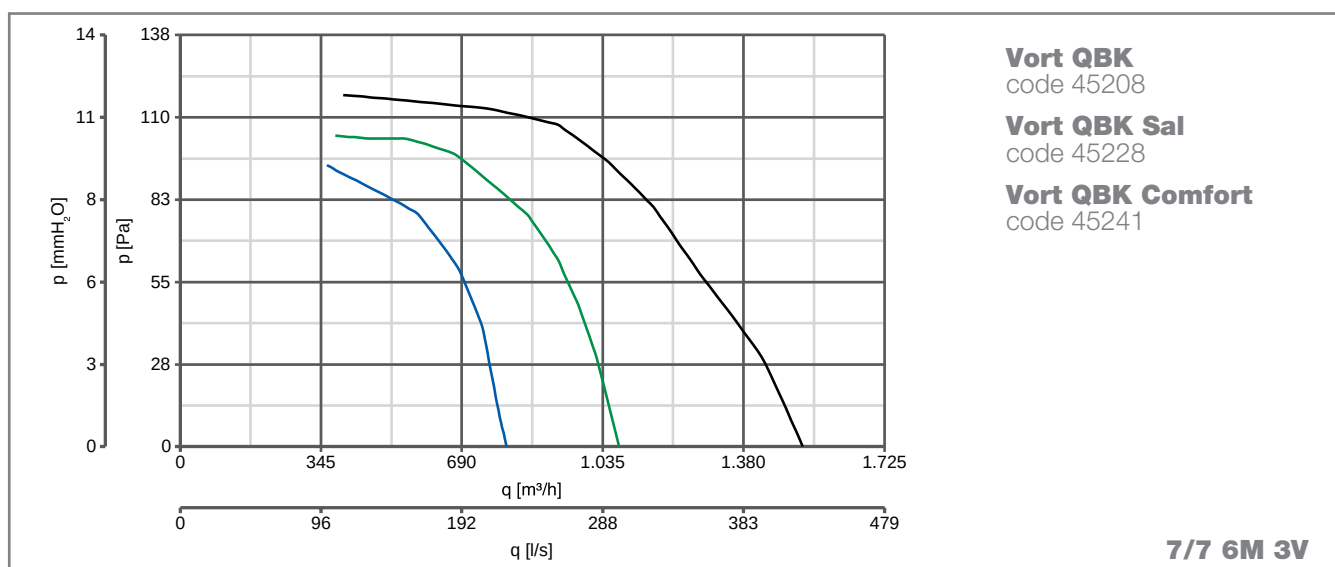
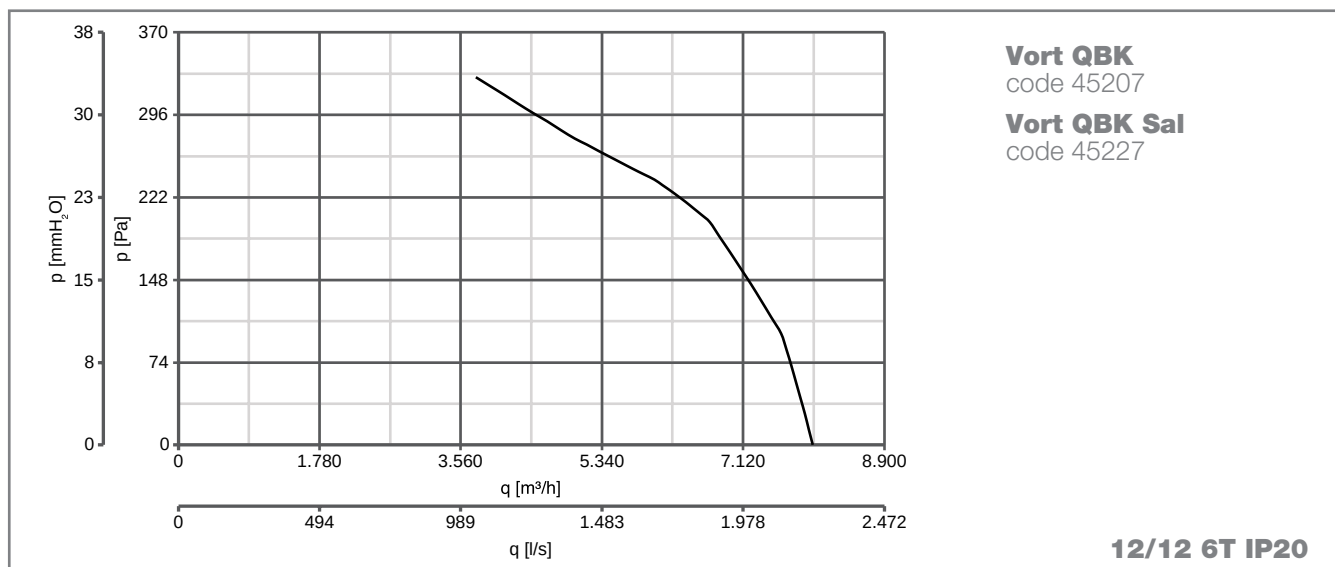
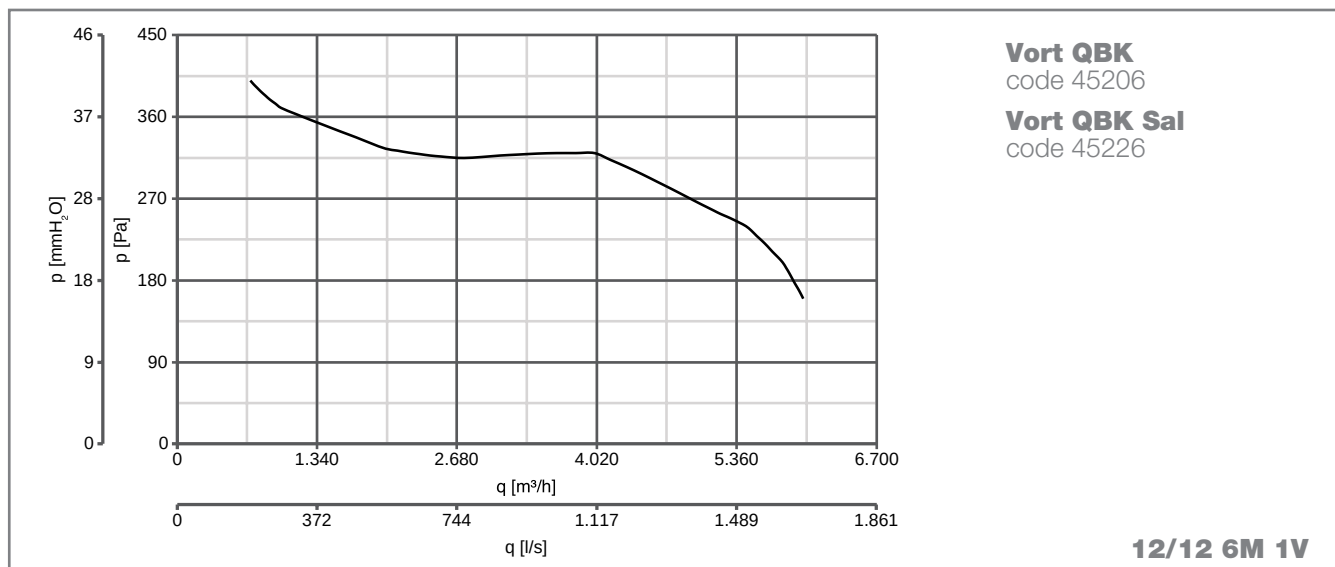
PERFORMANCE CURVES



VORT QBK / SAL / COMFORT

PERFORMANCE CURVES

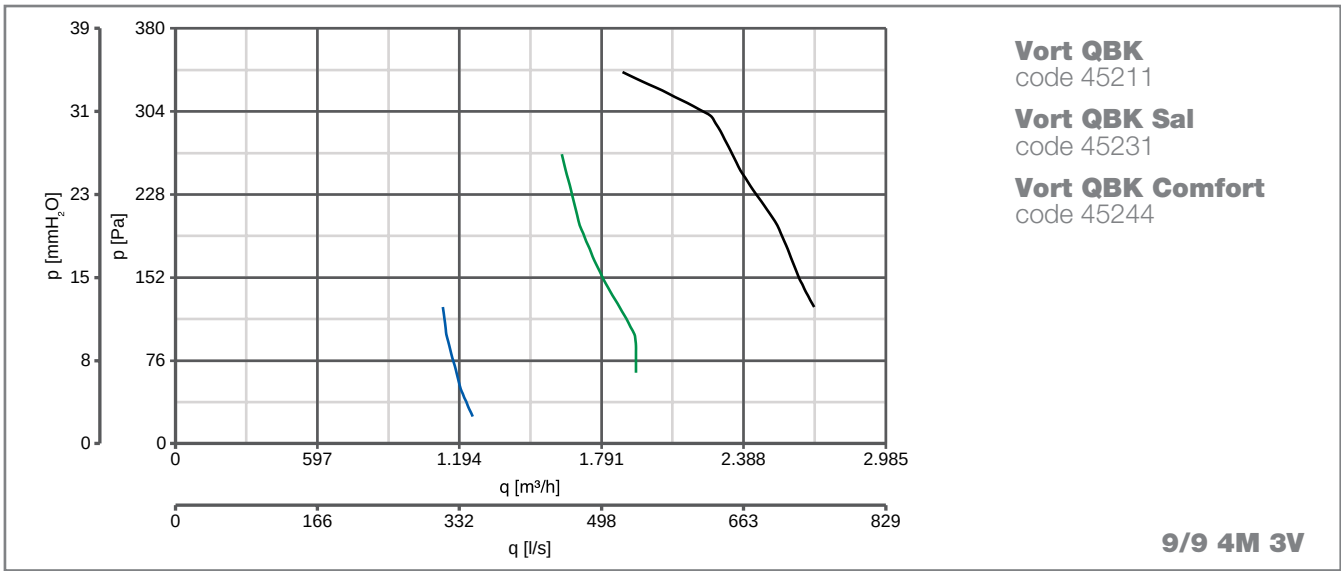
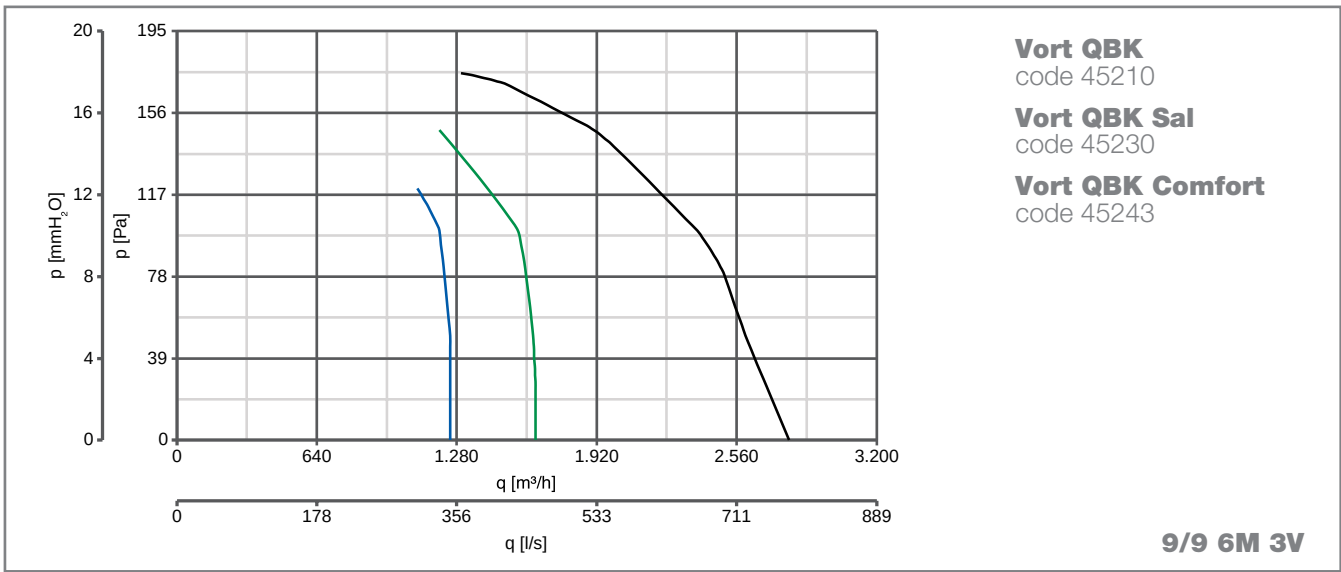
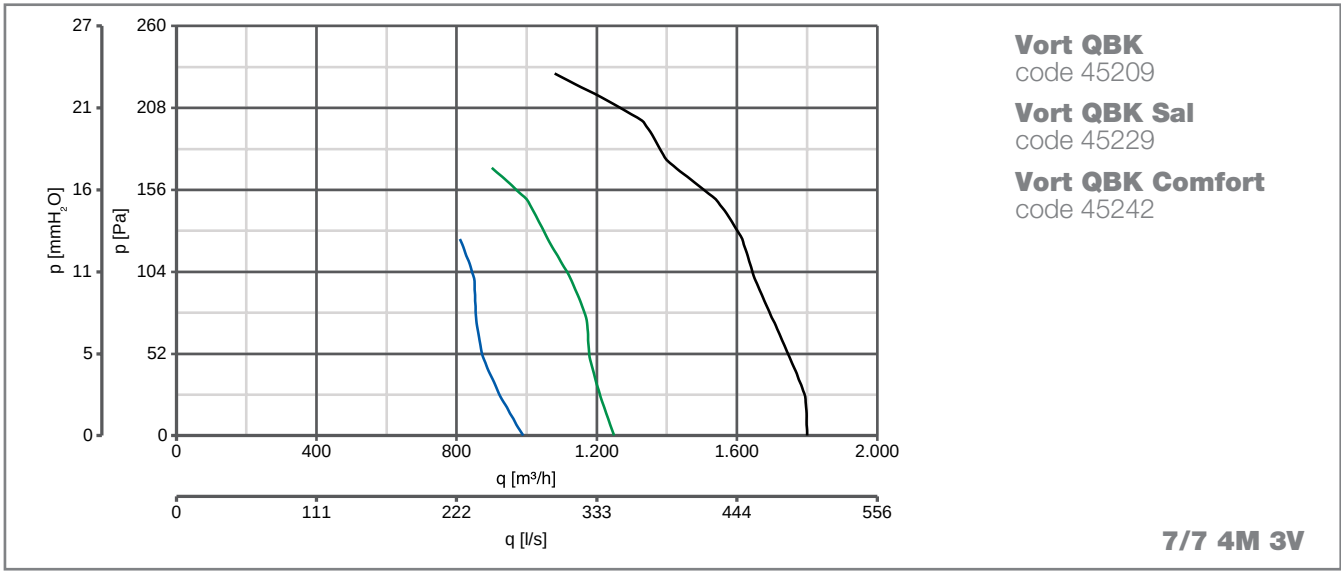
— Min.
— Max.



VORT QBK / SAL / COMFORT

PERFORMANCE CURVES

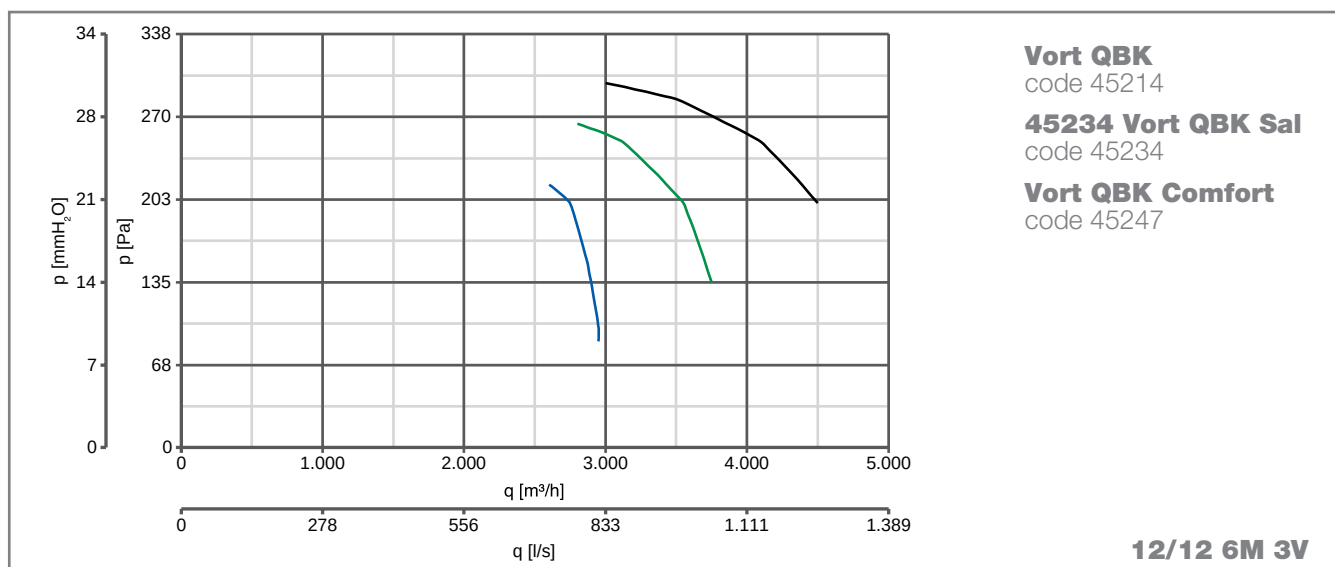
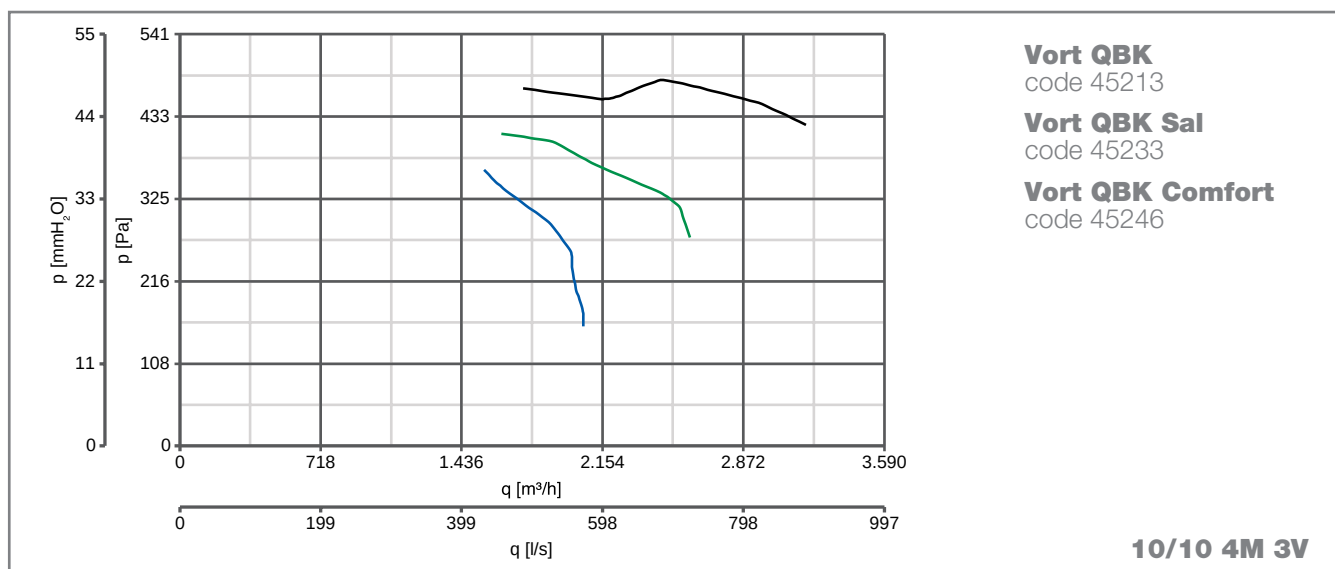
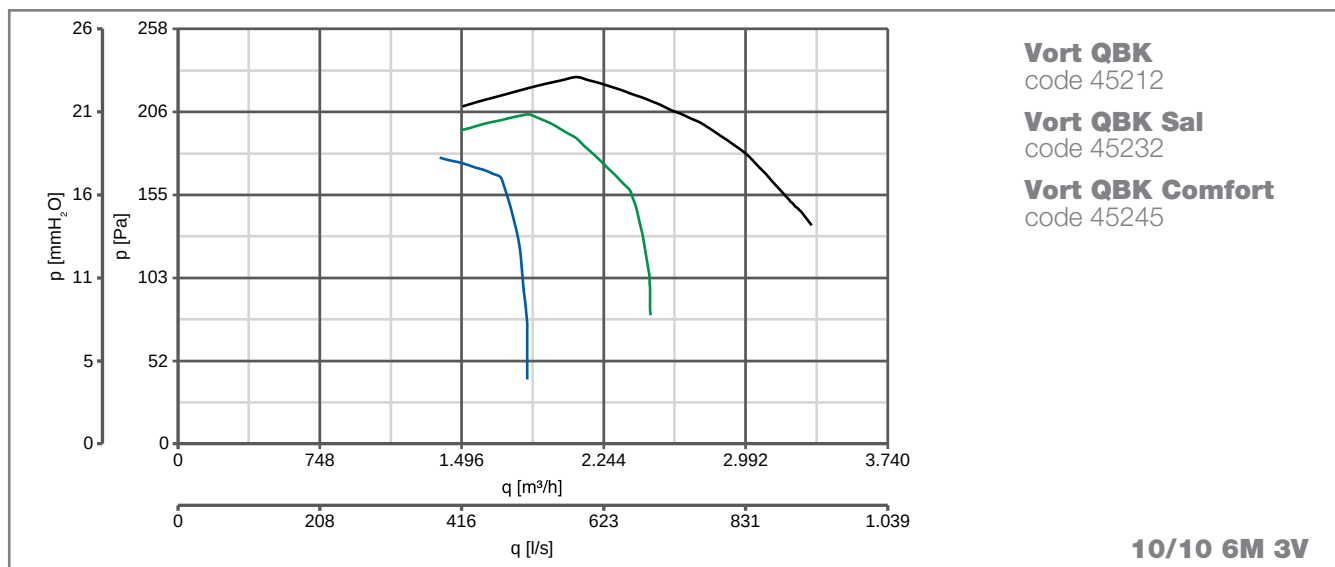
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VORT QBK / SAL / COMFORT

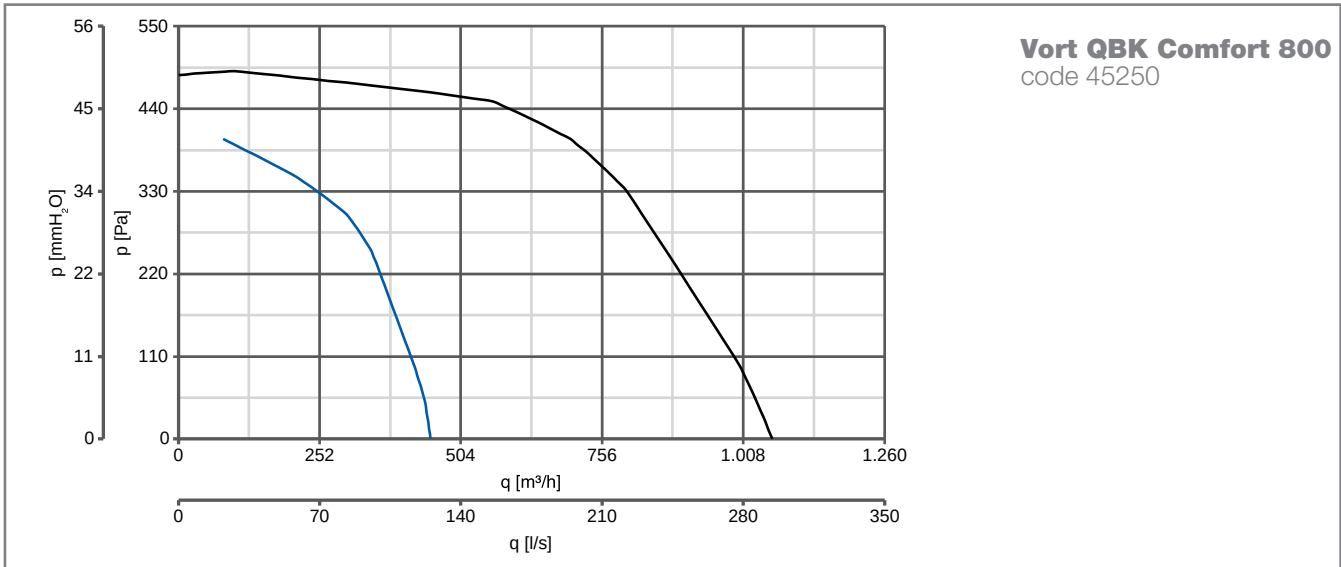
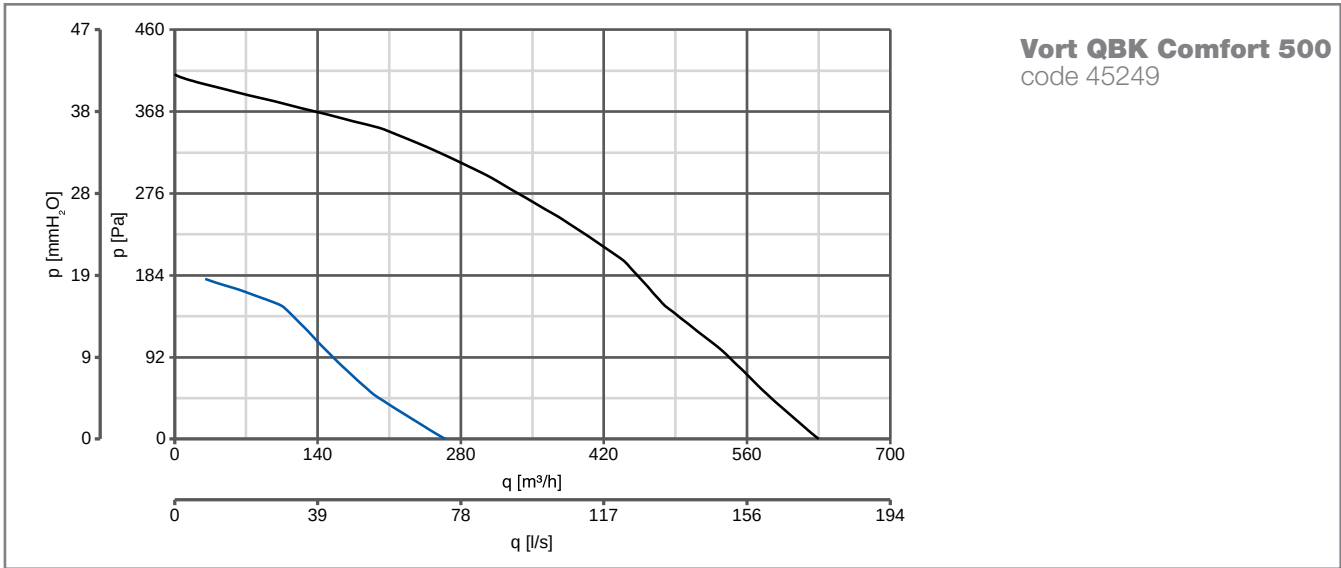
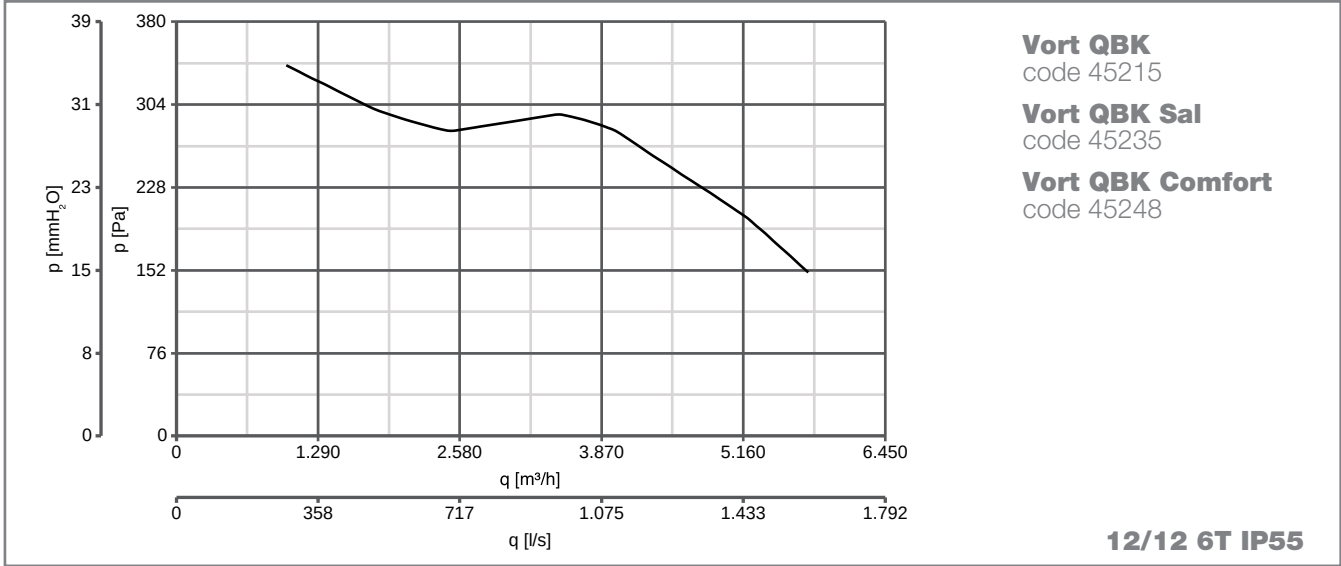
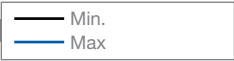
PERFORMANCE CURVES

— Min.
— Max.



VORT QBK / SAL / COMFORT

PERFORMANCE CURVES



VORT QBK POWER

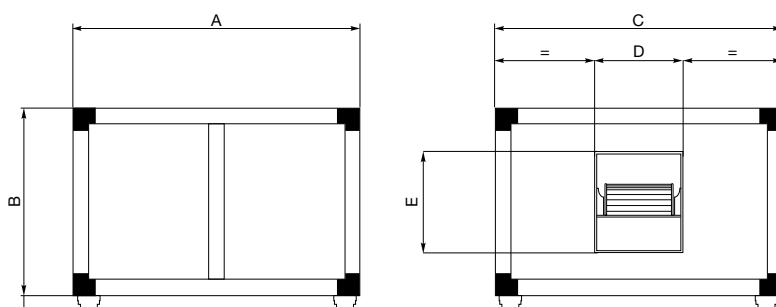


BELT DRIVEN CABINET FANS

Product specifications:

- 61 models: 33 - one speed (upon request),
28 - two-speed (upon request).
- Extruded aluminium casings assembled with precast aluminium joints.
- Zinc-coated, sound-proof panels in polyethylene padding, with metal and adhesive finishing, class I.
- One or two-speed three-phase motor depending on model.
- Double inlet centrifugal fans with forward curved blades, driven by belts and pulleys.
- Access through moveable panels or hinged door depending on model.
- Operating temperature between -20 and +40°C. Operation at higher temperatures is also possible. At higher temperatures however, there is a drop in power (contact our technical-sales office)
- Flow rates up to 30000 m³/h.
- Designed for ducted ventilation applications.
- Suitable for internal or external installations.
- Insulation class: Cl.I. ⬇

DIMENSIONS



Models	A	B	C	D	E
Vort QBK Power 9/7	790	600	600	235	265
Vort QBK Power 9/9	790	600	600	300	265
Vort QBK Power 10/10	1040	700	700	335	295
Vort QBK Power 12/12	1040	790	790	395	340
Vort QBK Power 15/15	1040	1040	1040	470	405
Vort QBK Power 18/18	1290	1290	1290	560	480
Vort QBK Power 560	1540	1290	1290	640	640
Vort QBK Power 630	1540	1540	1540	720	720

Dimensions (mm)

NOTE:

The overall dimensions of QBK POWER are indicative since they are subject to change upon final order confirmation.

In case the unit is fitted with the filtering section accessory, dimension A will increase by 250 mm.

VORT QBK POWER

TECHNICAL DATA

Models	Code	Speed N°	V ~ 50 Hz	kW nom.	A nom.	RPM	Max Airflow m³/h	Lp (dBA) 1m max	Kg	Amb temp. max (°C)	Mot. Insul.	IP Motor
VORT QBK POWER 9/7 1V 0.37	45301	1	230/400	0.37	1.11	1350	2500	70	58	40	cl F	55
VORT QBK POWER 9/7 1V 0.55	45302	1	230/400	0.55	1.6	1520	2500	72	58	40	cl F	55
VORT QBK POWER 9/7 1V 0.75	45303	1	230/400	0.75	1.93	1030	2500	69	58	40	cl F	55
VORT QBK POWER 9/9 1V 0.37	45304	1	230/400	0.37	1.11	1030	2500	69	62	40	cl F	55
VORT QBK POWER 9/9 1V 0.55	45305	1	230/400	0.55	1.6	1420	3500	72	62	40	cl F	55
VORT QBK POWER 9/9 1V 0.75	45306	1	230/400	0.75	1.93	1590	3500	72	62	40	cl F	55
VORT QBK POWER 9/9 1V 1.1	45307	1	230/400	1.1	2.64	1600	3500	73	62	40	cl F	55
VORT QBK POWER 10/10 1V 0.55	45308	1	230/400	0.55	1.6	895	3500	72	83	40	cl F	55
VORT QBK POWER 10/10 1V 0.75	45309	1	230/400	0.75	1.93	1050	4500	71	83	40	cl F	55
VORT QBK POWER 10/10 1V 1.1	45310	1	230/400	1.1	2.64	1345	4500	73	83	40	cl F	55
VORT QBK POWER 10/10 1V 1.5	45311	1	230/400	1.5	3.45	1360	4500	74	83	40	cl F	55
VORT QBK POWER 12/12 1V 0.75	45312	1	230/400	0.75	1.93	735	5000	68	104	40	cl F	55
VORT QBK POWER 12/12 1V 1.1	45313	1	230/400	1.1	2.64	1020	6000	71	104	40	cl F	55
VORT QBK POWER 12/12 1V 1.5	45314	1	230/400	1.5	3.45	1150	7000	75	104	40	cl F	55
VORT QBK POWER 12/12 1V 2.2	45315	1	230/400	2.2	4.84	1150	7000	76	104	40	cl F	55
VORT QBK POWER 15/15 1V 1.1	45316	1	230/400	1.1	2.64	640	7000	70	139	40	cl F	55
VORT QBK POWER 15/15 1V 1.5	45317	1	230/400	1.5	3.45	740	9000	73	139	40	cl F	55
VORT QBK POWER 15/15 1V 2.2	45318	1	230/400	2.2	4.84	950	10000	77	139	40	cl F	55
VORT QBK POWER 15/15 1V 3	45319	1	230/400	3	6.47	960	10000	78	139	40	cl F	55
VORT QBK POWER 18/18 1V 1.5	45320	1	230/400	1.5	3.45	520	10000	72	208	40	cl F	55
VORT QBK POWER 18/18 1V 2.2	45321	1	230/400	2.2	4.84	730	14000	79	208	40	cl F	55
VORT QBK POWER 18/18 1V 3	45322	1	230/400	3	6.47	820	14000	79	208	40	cl F	55
VORT QBK POWER 18/18 1V 4	45323	1	230/400	4	8.26	820	16000	82	208	40	cl F	55
VORT QBK POWER 18/18 1V 5.5	45324	1	230/400	5.5	11.03	820	16000	82	208	40	cl F	55
VORT QBK POWER 560 1V 3	45325	1	230/400	3	6.47	600	18000	73	276	40	cl F	55
VORT QBK POWER 560 1V 4	45326	1	230/400	4	8.26	670	20000	76	276	40	cl F	55
VORT QBK POWER 560 1V 5.5	45327	1	230/400	5.5	11.03	770	22000	78	276	40	cl F	55
VORT QBK POWER 560 1V 7.5	45328	1	230/400	7.5	14.64	790	22000	79	276	40	cl F	55
VORT QBK POWER 630 1V 4	45329	1	230/400	4	8.26	460	22000	73	276	40	cl F	55
VORT QBK POWER 630 1V 5.5	45330	1	230/400	5.5	11.03	600	27000	78	348	40	cl F	55
VORT QBK POWER 630 1V 7.5	45331	1	230/400	7.5	14.64	670	30000	80	348	40	cl F	55
VORT QBK POWER 630 1V 9.2	45332	1	230/400	9.2	17.85	670	30000	80	348	40	cl F	55
VORT QBK POWER 630 1V 11	45333	1	230/400	11	20.64	700	30000	81	348	40	cl F	55

NOTE: Operation at higher temperatures is also possible.

At higher temperatures however, there is a drop in power (contact our technical-sales office).

VORT QBK POWER

TECHNICAL DATA

Models	Code	Speed N°	V ~ 50 Hz	kW nom.	A nom.	RPM	Max Airflow m³/h	Lp (dBA) 1m max	Kg	Mot. Insul.	Amb temp. max (°C)	IP Motor
VORT QBK POWER 9/7 2V 0.55	45342	2	400	0.5-0.19	1.4-0.7	1520	2500	72	58	cl F	40	55
VORT QBK POWER 9/7 2V 0.75	45343	2	400	0.66-0.25	1.75-0.8	1490	2500	73	58	cl F	40	55
VORT QBK POWER 9/9 2V 0.55	45345	2	400	0.5-0.19	1.4-0.7	1420	3500	72	62	cl F	40	55
VORT QBK POWER 9/9 2V 0.75	45346	2	400	0.66-0.25	1.75-0.8	1590	3500	72	62	cl F	40	55
VORT QBK POWER 9/9 2V 1.1	45347	2	400	1-0.3	2.5-1.2	1600	3500	73	62	cl F	40	55
VORT QBK POWER 10/10 2V 0.55	45348	2	400	0.5-0.19	1.4-0.7	895	3500	72	83	cl F	40	55
VORT QBK POWER 10/10 2V 0.75	45349	2	400	0.66-0.25	1.75-0.8	1050	4500	71	83	cl F	40	55
VORT QBK POWER 10/10 2V 1.1	45350	2	400	1-0.3	2.5-1.2	1345	4500	73	83	cl F	40	55
VORT QBK POWER 10/10 2V 1.5	45351	2	400	1.5-0.45	3.5-1.6	1360	4500	74	83	cl F	40	55
VORT QBK POWER 12/12 2V 0.75	45352	2	400	0.66-0.25	1.75-0.8	735	5000	68	104	cl F	40	55
VORT QBK POWER 12/12 2V 1.1	45353	2	400	1-0.3	2.5-1.2	1020	6000	71	104	cl F	40	55
VORT QBK POWER 12/12 2V 1.5	45354	2	400	1.5-0.45	3.5-1.6	1150	7000	75	104	cl F	40	55
VORT QBK POWER 12/12 2V 2.2	45355	2	400	2-0.6	4.5-2	1150	7000	76	104	cl F	40	55
VORT QBK POWER 15/15 2V 1.1	45356	2	400	1-0.3	2.5-1.2	640	7000	70	139	cl F	40	55
VORT QBK POWER 15/15 2V 1.5	45357	2	400	1.5-0.45	3.5-1.6	740	9000	73	139	cl F	40	55
VORT QBK POWER 15/15 2V 2.2	45358	2	400	2-0.6	4.5-2	950	10000	77	139	cl F	40	55
VORT QBK POWER 15/15 2V 3	45359	2	400	3-1	6.3-3.1	960	10000	78	139	cl F	40	55
VORT QBK POWER 18/18 2V 1.5	45360	2	400	1.5-0.45	3.5-1.6	520	10000	72	208	cl F	40	55
VORT QBK POWER 18/18 2V 2.2	45361	2	400	2-0.6	4.5-2	730	14000	79	208	cl F	40	55
VORT QBK POWER 18/18 2V 3	45362	2	400	3-1	6.3-3.1	820	14000	79	208	cl F	40	55
VORT QBK POWER 18/18 2V 4	45363	2	400	4.5-1.5	9.2-5.1	820	16000	82	208	cl F	40	55
VORT QBK POWER 18/18 2V 5.5	45364	2	400	6-2	12-5.6	820	16000	82	208	cl F	40	55
VORT QBK POWER 560 2V 3	45365	2	400	3-1	6.3-3.1	600	18000	73	276	cl F	40	55
VORT QBK POWER 560 2V 4	45366	2	400	4.5-1.5	9.2-5.1	670	20000	76	276	cl F	40	55
VORT QBK POWER 560 2V 5.5	45367	2	400	6-2	12-5.6	770	22000	78	276	cl F	40	55
VORT QBK POWER 630 2V 4	45369	2	400	4.5-1.5	9.2-5.1	460	22000	73	348	cl F	40	55
VORT QBK POWER 630 2V 5.5	45370	2	400	6-2	12-5.6	600	27000	78	348	cl F	40	55
VORT QBK POWER 630 2V 11	45373	2	400	10.5-3.5	21-8.6	700	30000	81	348	cl F	40	55

NOTE: Operation at higher temperatures is also possible.
At higher temperatures however, there is a drop in power
(contact our technical-sales office)

VORT QBK POWER

QUICK SELECTION TABLE

Models QBK Power	Airflow (m³/h)	200 Pa				
		RPM	Power Mot. 1V (kW)	Power Mot. 2V (kW)	dB(A)	
QBK POWER 9/7	1500	940	0.37	0.50	62	
	2000	960	0.37	0.50	66	
	2500	1010	0.37	0.50	70	
QBK POWER 9/9	2500	1030	0.37	0.50	69	
	3000	1080	0.55	0.50	69	
	3500	1140	0.55	0.50	72	
QBK POWER 10/10	3500	895	0.55	0.50	72	
	4000	935	0.75	0.66	69	
	4500	980	0.75	0.66	71	
QBK POWER 12/12	5000	735	0.75	0.66	68	
	6000	770	1.10	1.00	71	
	7000	810	1.50	1.50	75	
QBK POWER 15/15	7000	640	1.10	1.00	70	
	8000	630	1.50	1.50	72	
	9000	645	1.50	1.50	75	
	10000	670	2.20	2.00	77	
QBK POWER 18/18	10000	520	1.50	1.50	72	
	12000	540	2.20	2.00	76	
	14000	570	2.20	2.00	79	
	16000	600	4.00	4.50	82	
QBK POWER 560	16000	510	3.00	3.00	70	
	18000	540	3.00	3.00	73	
	20000	560	4.00	4.50	76	
	22000	595	5.50	6.00	78	
QBK POWER 630	22000	460	4.00	4.50	73	
	25000	500	5.50	6.00	76	
	27000	520	5.50	6.00	78	
	30000	540	7.50	10.50	80	

Noise pressure level relative to a distance of 1 m from the intake. The performance figures refer to the ventilated section only. If accessories are added, the following load losses then need to be added to the static pressure:

QBK VCD (Shutter): 37 Pa

QBK FS (Filtering section): 100 Pa

QBK IG (protective grille): 37 Pa

Specify the performance characteristics during the ordering stage (air flow and pressure).

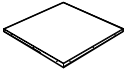
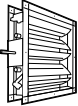
VORT QBK POWER

	300 Pa				400 Pa				500 Pa			
	RPM	Power Mot. 1V (kW)	Power Mot. 2V (kW)	dB(A)	RPM	Power Mot. 1V (kW)	Power Mot. 2V (kW)	dB(A)	N° RPM	Power Mot. 1V (kW)	Power Mot. 2V (kW)	dB(A)
	1120	0.37	0.50	65	1350	0.37	0.50	68	1500	0.55	0.50	70
	1155	0.37	0.50	67	1330	0.55	0.50	69	1520	0.55	0.50	71
	1175	0.55	0.50	71	1340	0.55	0.50	72	1490	0.75	0.66	73
	1235	0.55	0.50	67	1420	0.55	0.50	69	1590	0.75	0.66	71
	1260	0.55	0.50	69	1430	0.75	0.66	71	1590	1.10	1.50	72
	1300	0.75	0.66	72	1455	1.10	1.50	73	1600	1.10	1.50	73
	1050	0.75	0.66	69	1200	1.10	1.00	70	1345	1.10	1.50	72
	1080	1.10	1.00	70	1215	1.10	1.00	72	1350	1.50	1.50	73
	1110	1.10	1.00	72	1235	1.10	1.00	73	1360	1.50	1.50	74
	885	1.10	1.00	70	1020	1.10	1.00	71	1150	1.50	1.50	73
	900	1.50	1.50	72	1025	1.50	1.50	73	1140	2.20	2.00	74
	925	2.20	2.00	75	1040	2.20	2.00	75	1150	2.20	2.00	76
	730	1.50	1.50	71	840	2.20	2.00	72	950	2.20	2.00	74
	740	1.50	1.50	73	850	2.20	2.00	74	940	3.00	3.00	75
	750	2.20	2.00	75	860	2.20	2.00	76	950	3.00	3.00	76
	775	2.20	2.00	77	860	3.00	3.00	78	960	3.00	3.00	78
	630	2.20	2.00	72	730	2.20	2.00	73	820	3.00	3.00	74
	640	2.20	2.00	76	730	3.00	3.00	76	810	4.00	4.50	76
	650	3.00	3.00	79	740	4.00	4.50	79	820	4.00	4.50	79
	675	4.00	4.50	82	760	4.00	4.50	82	820	5.50	6.00	82
	600	3.00	3.00	72	670	4.00	4.50	73	740	5.50	6.00	75
	610	4.00	4.50	74	680	5.50	6.00	75	770	5.50	6.00	76
	635	5.50	6.00	76	700	5.50	6.00	76	760	7.50	10.50	77
	660	7.50	10.50	78	720	7.50	10.50	78	790	7.50	10.50	79
	530	5.50	6.00	74	600	5.50	6.00	74	650	7.50	10.50	75
	560	5.50	6.00	76	610	7.50	10.50	77	670	7.50	10.50	77
	560	7.50	10.50	78	620	7.50	10.50	79	670	9.20	10.50	79
	600	9.20	10.50	80	645	9.20	10.50	80	700	11.00	10.50	81

VORT QBK POWER

ACCESSORIES

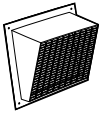
Accessories of cabinet QBK POWER cannot be ordered separately but only in association with them.
The required accessories will be mounted directly on the cabinets prior to delivery.

QBK POWER Accessories		Code	For models
	QBK RRC POWER 9/7-9/9 (rain guard)	24215	45301-45302-45303-45304-45305-45306-45307-45342-45343-45345-45346-45347
	QBK RRC POWER 10/10 (rain guard)	24216	45308-45309-45310-45311-45348-45349-45350-45351
	QBK RRC POWER 12/12 (rain guard))	24217	45312-45313-45314-45315-45352-45353-45354-45355
	QBK RRC POWER 15/15 (rain guard)	24218	45316-45317-45318-45319-45356-45357-45358-45359
	QBK RRC POWER 18/18 (rain guard)	24219	45320-45321-45322-45323-45324-45360-45361-45362-45363-45364
	QBK RRC POWER 560 (rain guard))	24220	45325-45326-45327-45328-45365-45366-45367
	QBK RRC POWER 630 (rain guard)	24221	45329-45330-45331-45332-45333-45369-45370-45373
	QBK VCD 9/7-9/9 (adjustment shutter)	24222	45301-45302-45303-45304-45305-45306-45307-45342-45343-45345-45346-45347
	QBK VCD 10/10 (adjustment shutter)	24223	45308-45309-45310-45311-45348-45349-45350-45351
	QBK VCD 12/12 (adjustment shutter)	24224	45312-45313-45314-45315-45352-45353-45354-45355
	QBK VCD 15/15 (adjustment shutter)	24225	45316-45317-45318-45319-45356-45357-45358-45359
	QBK VCD 18/18 (adjustment shutter)	24226	45320-45321-45322-45323-45324-45360-45361-45362-45363-45364
	QBK VCD 560 (adjustment shutter)	24227	45325-45326-45327-45328-45365-45366-45367
	QBK VCD 630 (adjustment shutter)	24228	45329-45330-45331-45332-45333-45369-45370-45373

VORT QBK POWER

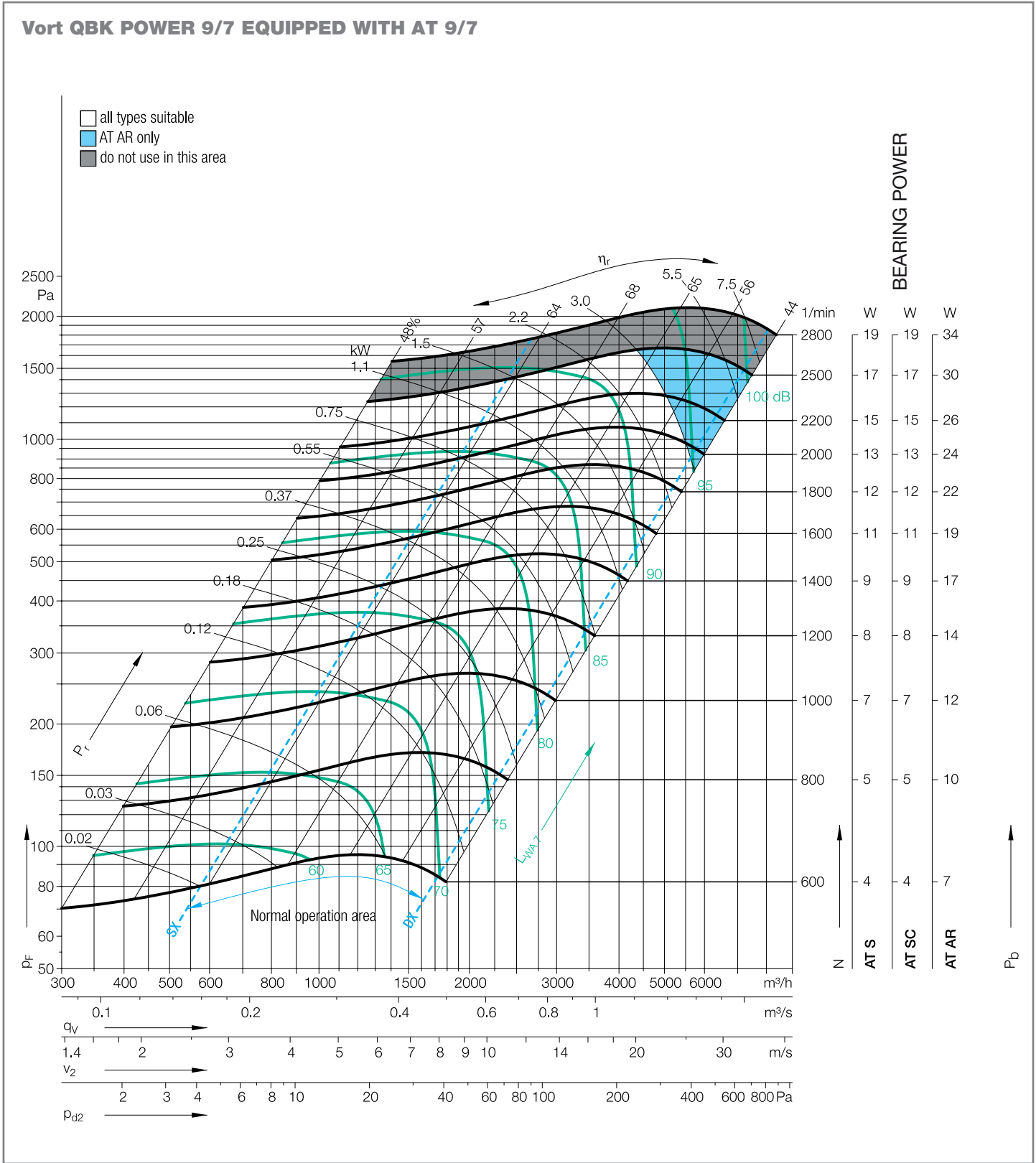
ACCESSORIES

Accessories of cabinet QBK POWER cannot be ordered separately but only in association with them.
The required accessories will be mounted directly on the cabinets prior to delivery.

QBK POWER Accessories		Code	For models
	QBK IG 9/7-9/9 (intake grille)	24230	45301-45302-45303-45304-45305-45306 45307-45342-45343-45345-45346-45347
	QBK IG 10/10 (intake grille)	24231	45308-45309-45310-45311-45348-45349 45350-45351
	QBK IG 12/12 (intake grille)	24232	45312-45313-45314-45315-45352-45353 45354-45355
	QBK IG 15/15 (intake grille)	24233	45316-45317-45318-45319-45356-45357 45358-45359
	QBK IG 18/18 (intake grille)	24234	45320-45321-45322-45323-45324-45360 45361-45362-45363-45364
	QBK IG 560 (intake grille)	24235	45325-45326-45327-45328-45365-45366 45367
	QBK IG 630 (intake grille)	24236	45329-45330-45331-45332-45333-45369 45370-45373
	QBK SS (safety micro-switch)	24237	for all models
	QBK VDP 9-10-12-15-18 (variable pulley)	24238	45301-45302-45303-45342-45343-45320 45321-45322-45323-45324-45360-45361 45362-45363-45364
	QBK VDP 560-630 (variable pulley)	24239	45325-45326-45327-45328-45329-45330 45331-45332-45333-45365-45366-45367 45369-45370-45373
	QBK FS 9/7-9/9 (filtering section)	24240	45301-45302-45303-45304-45305-45306 45307-45342-45343-45345-45346-45347
	QBK FS 10/10 (filtering section)	24241	45308-45309-45310-45311-45348-45349 45350-45351
	QBK FS 12/12 (filtering section)	24242	45312-45313-45314-45315-45352-45353 45354-45355
	QBK FS 15/15 (filtering section)	24243	45316-45317-45318-45319-45356-45357 45358-45359
	QBK FS 18/18 (filtering section)	24244	45320-45321-45322-45323-45324-45360 45361-45362-45363-45364
	QBK FS 560 (filtering section)	24245	45325-45326-45327-45328-45365-45366 45367
	QBK FS 630 (filtering section) (filtering section)	24246	45329-45330-45331-45332-45333-45369 45370-45373
	QBK ABC 7/7 (air cowling)	24200	45301-45302-45303-45304-45305-45306 45307-45342-45343-45345-45346-45347
	QBK ABC 10/10 (air cowling)	24202	45308-45309-45310-45311-45348-45349 45350-45351-45312-45313-45314-45315 45352-45353-45354-45355

VORT QBK POWER

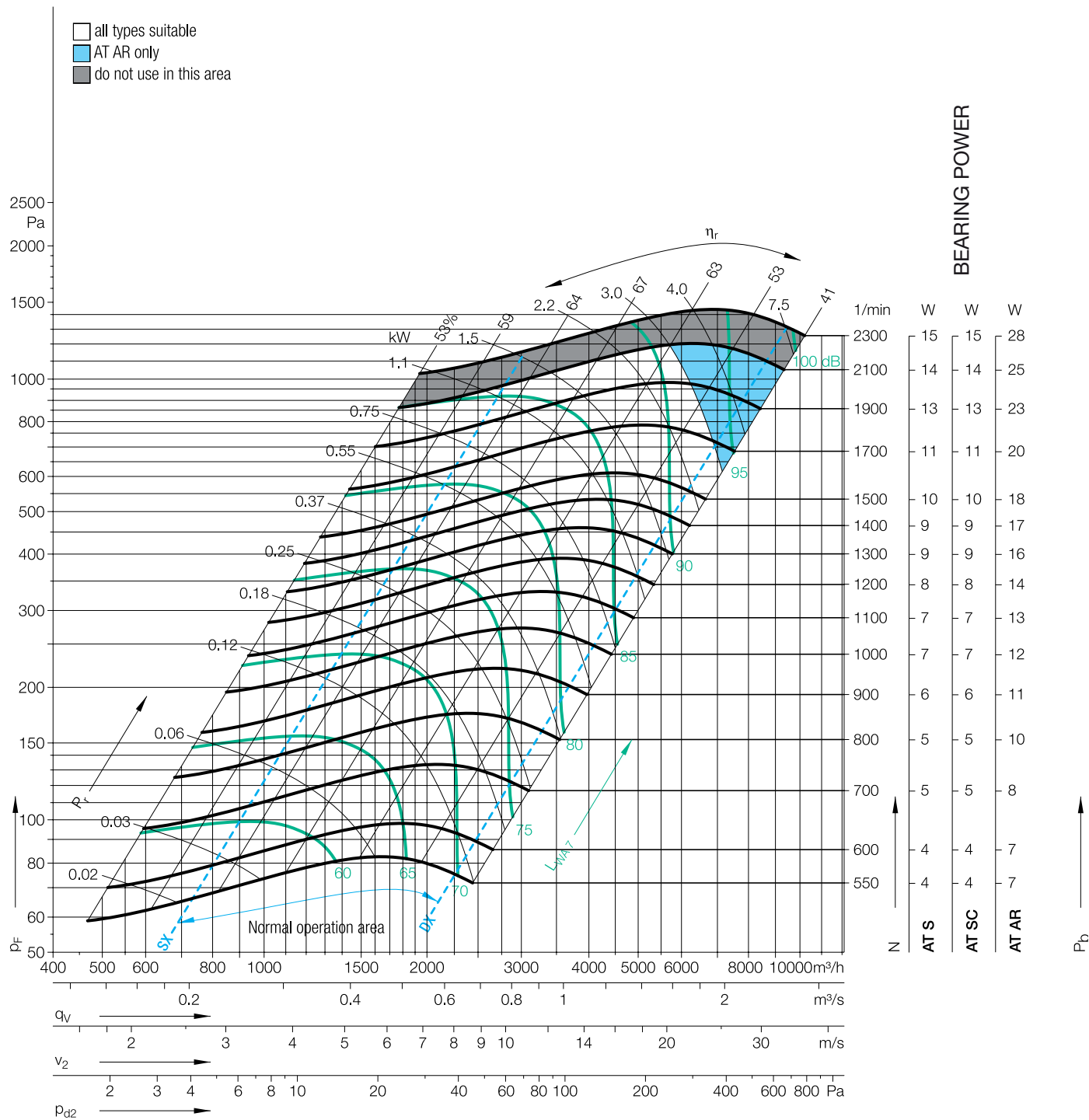
PERFORMANCE CURVES



VORT QBK POWER

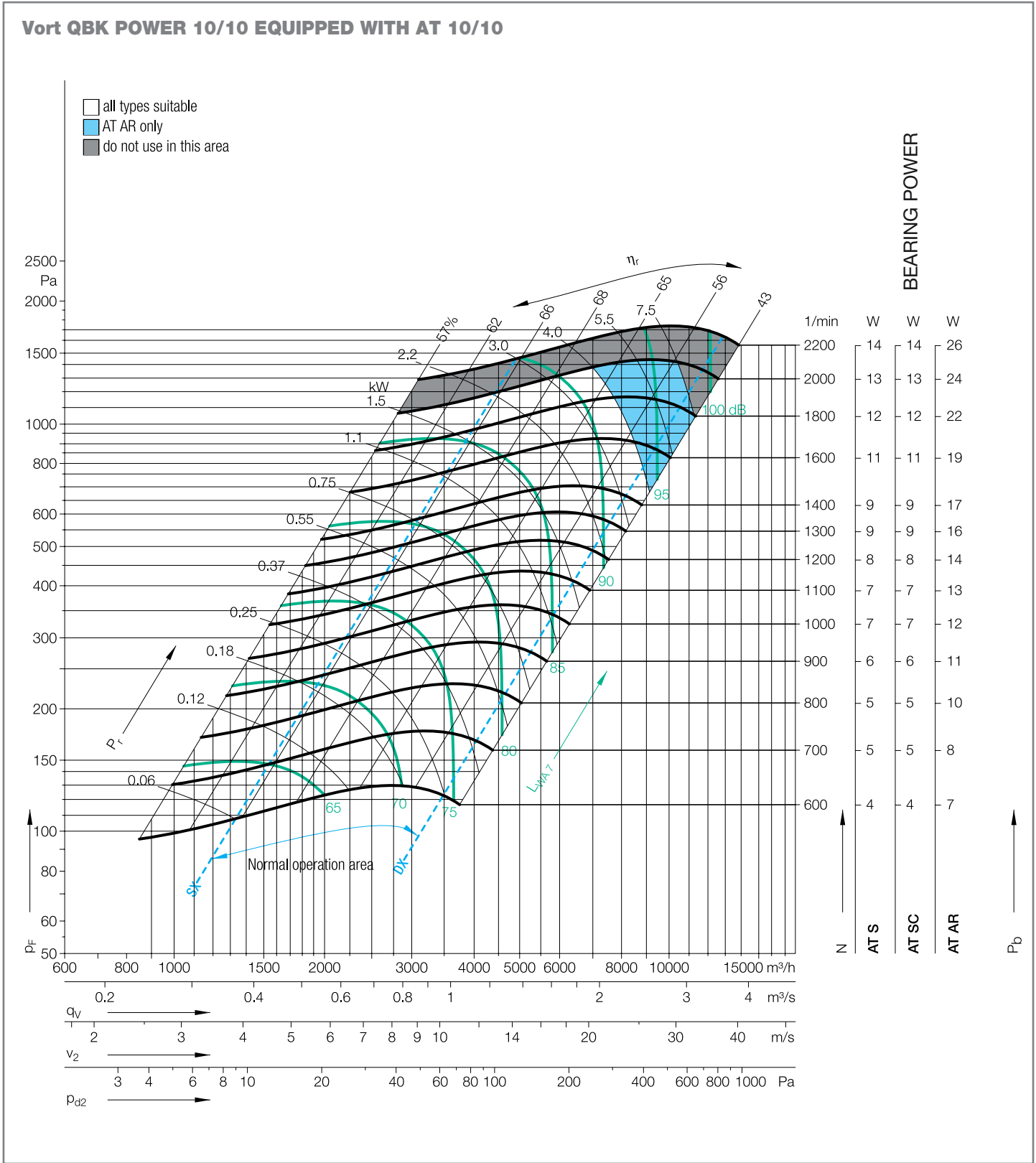
PERFORMANCE CURVES

Vort QBK POWER 9/9 EQUIPPED WITH AT 9/9



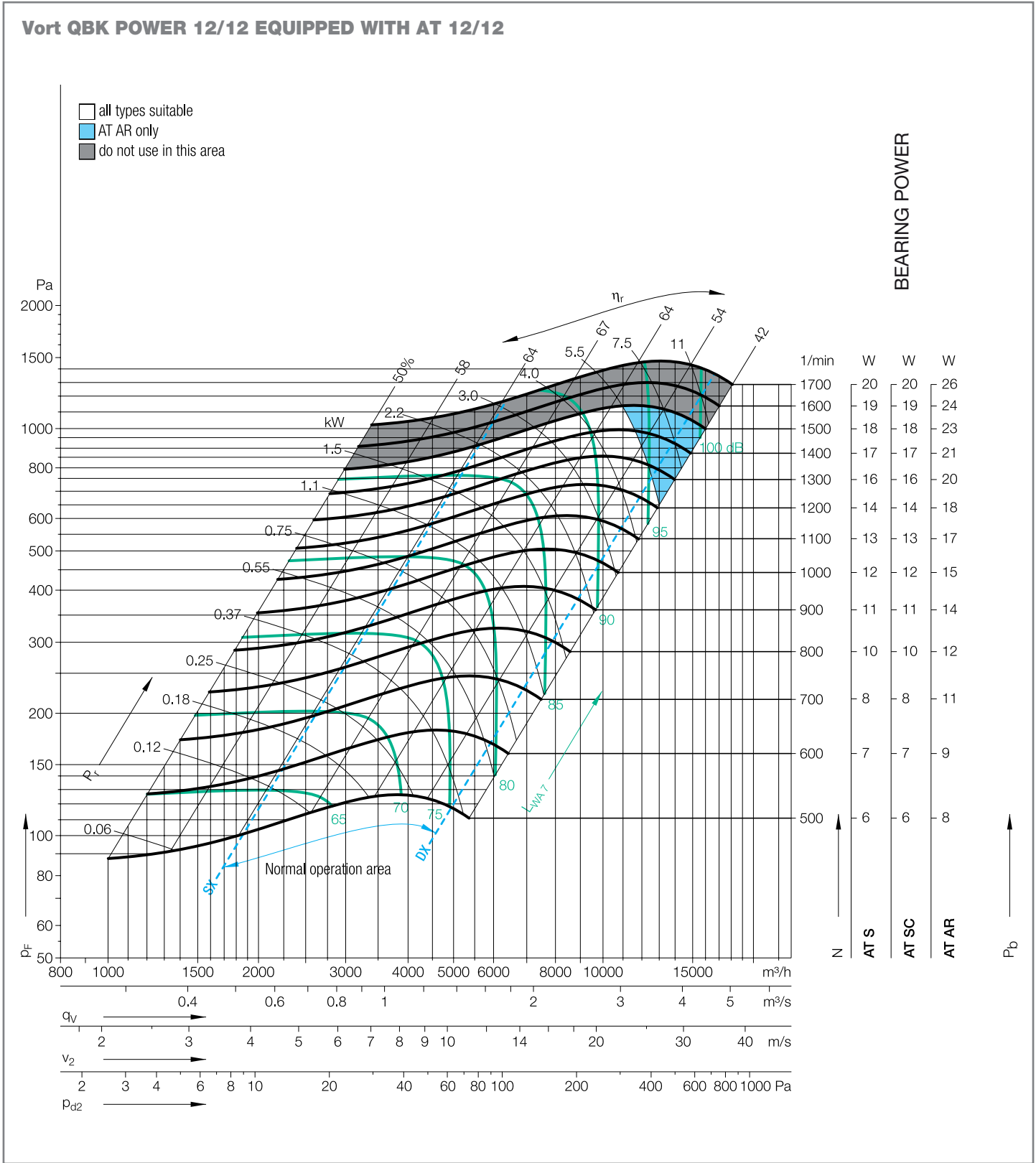
VORT QBK POWER

PERFORMANCE CURVES



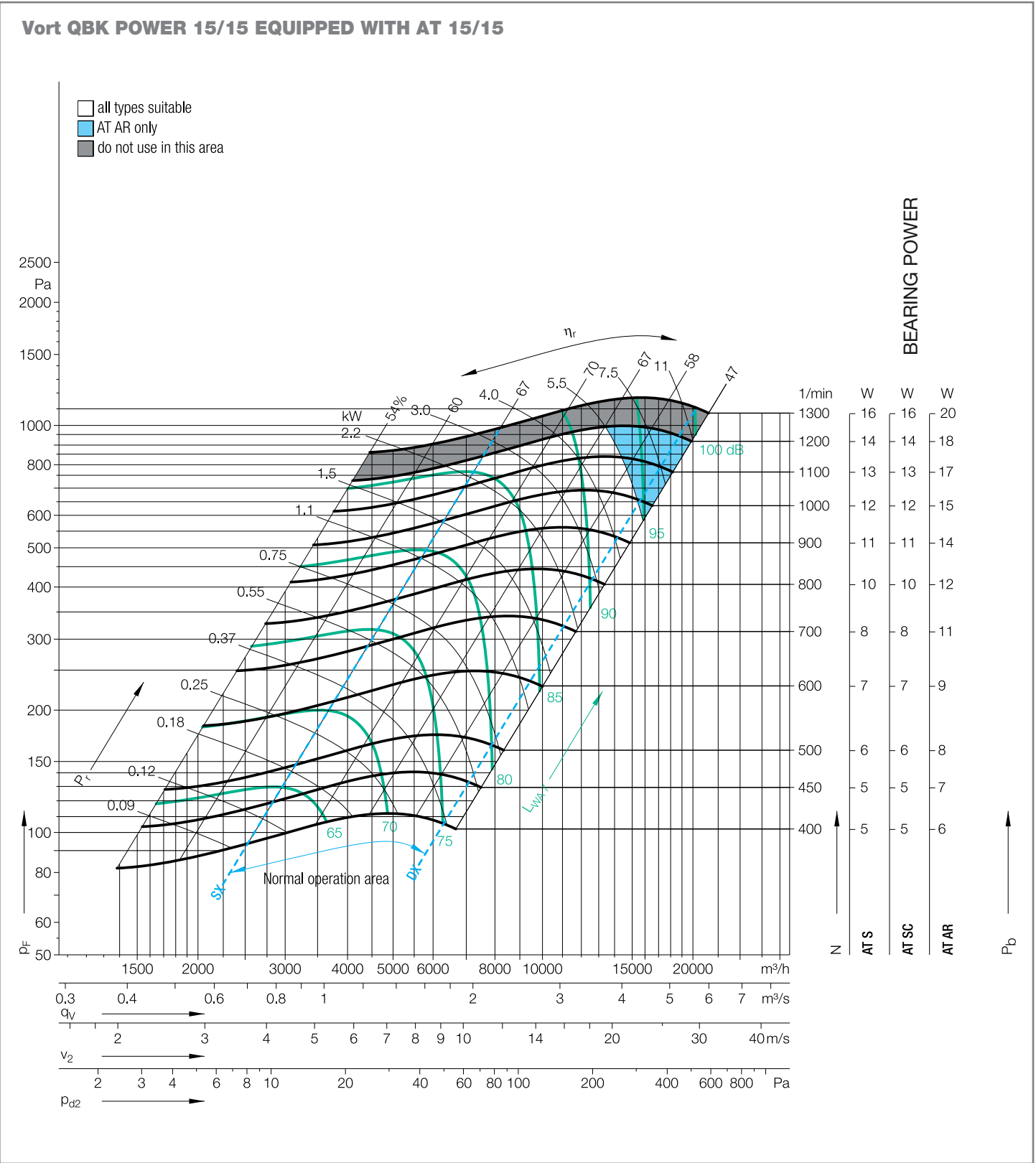
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PERFORMANCE CURVES



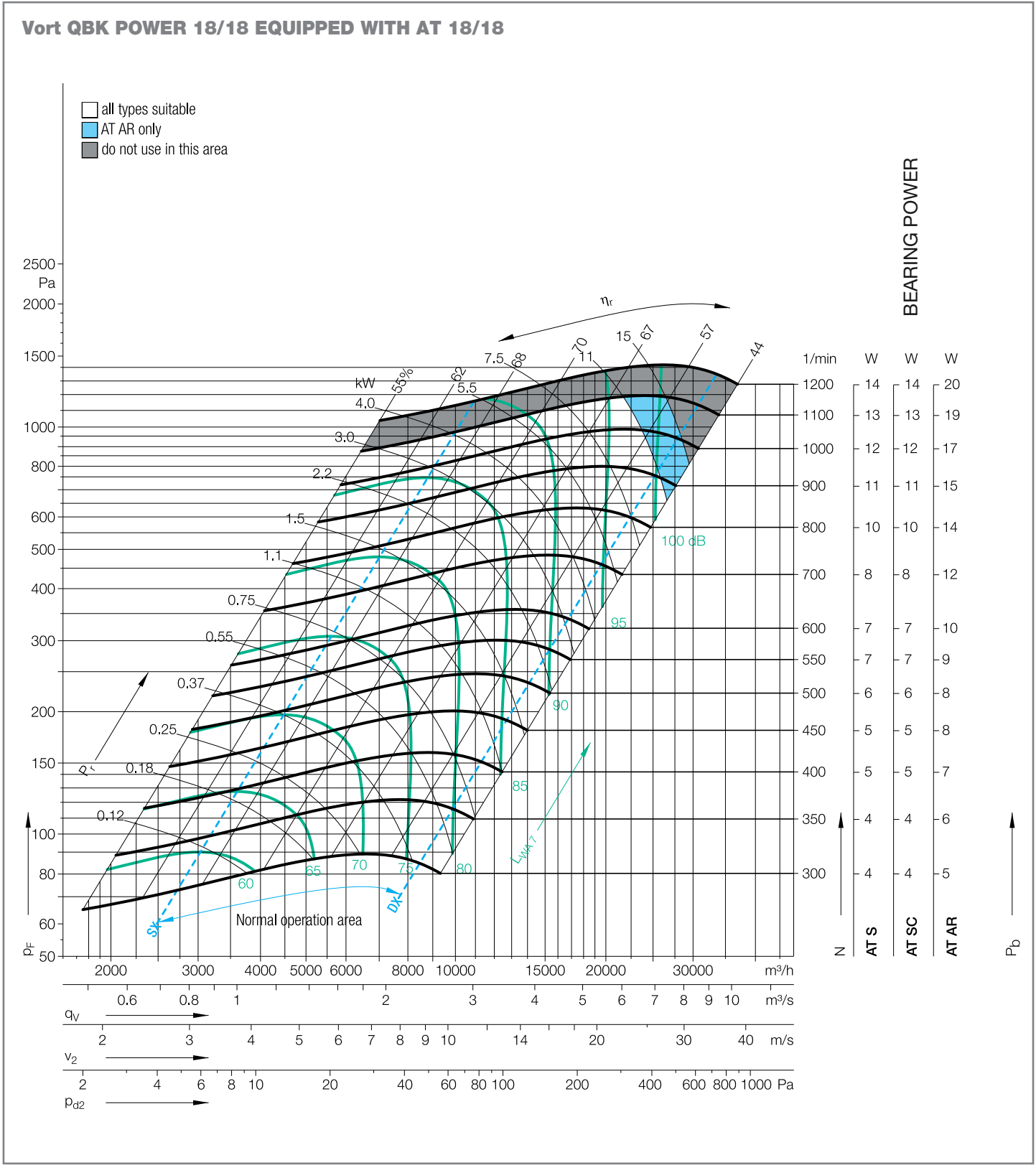
VORT QBK POWER

PERFORMANCE CURVES



VORT QBK POWER

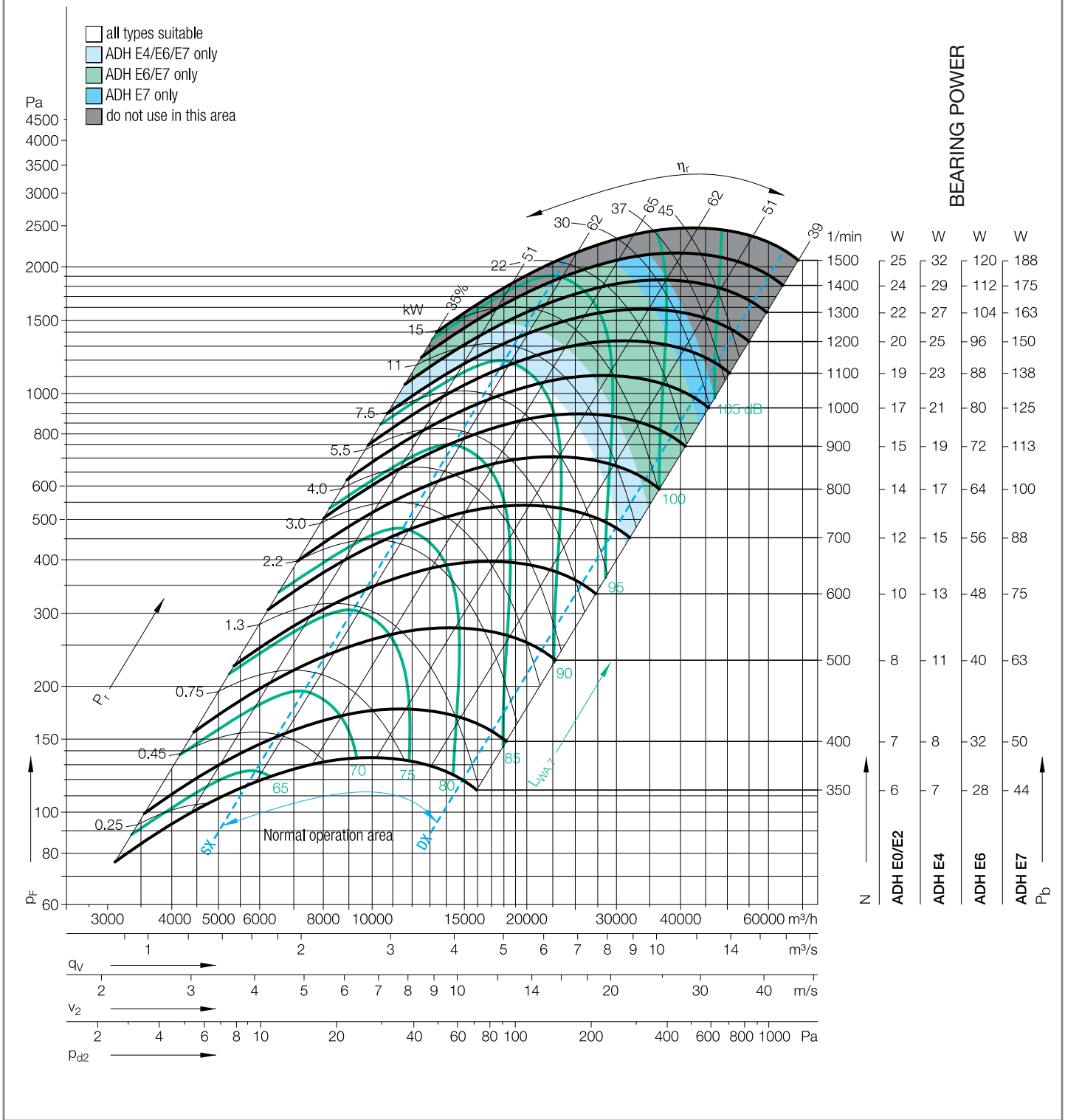
PERFORMANCE CURVES



VORT QBK POWER

PERFORMANCE CURVES

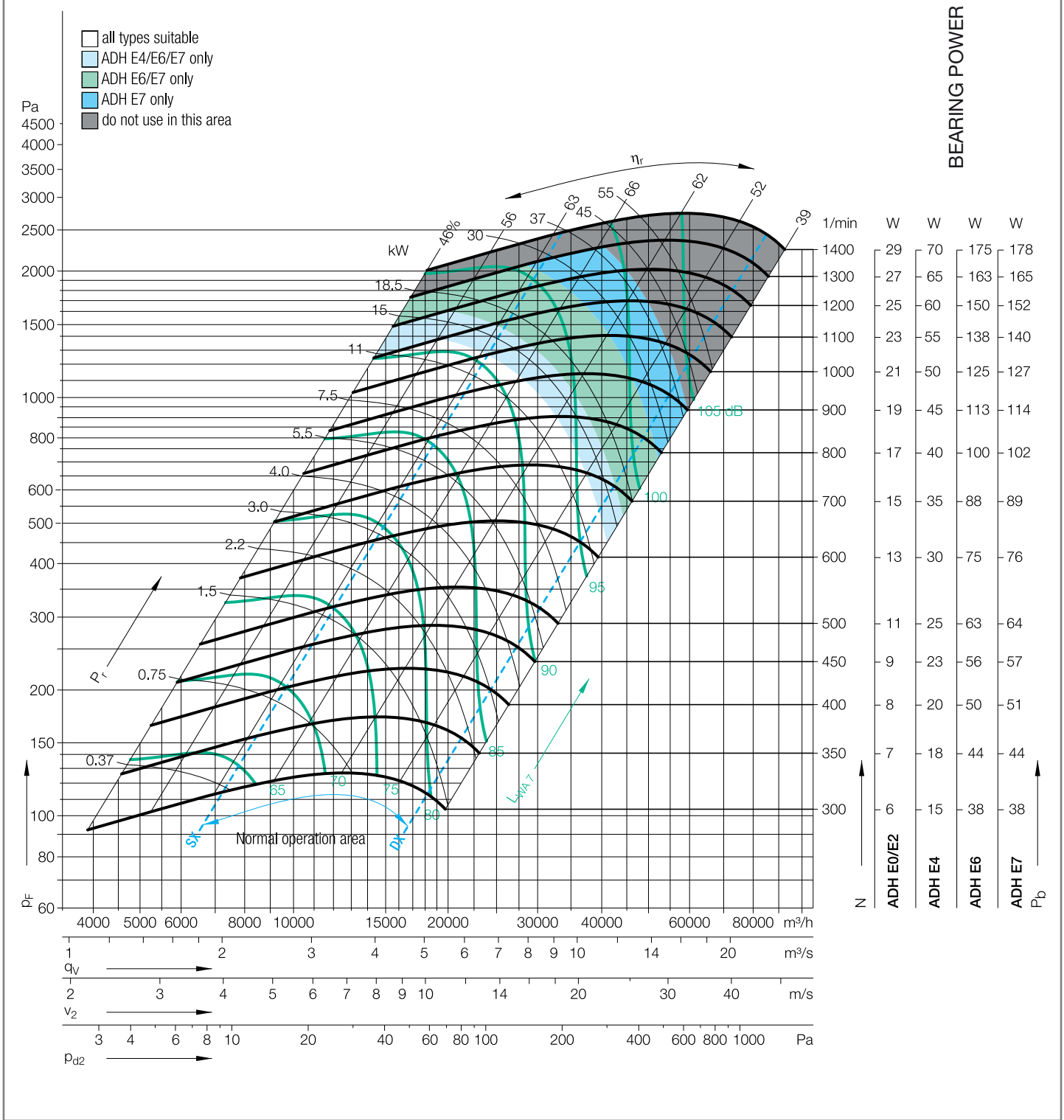
VORT QBK POWER 560 EQUIPPED WITH ADH E 500



VORT QBK POWER

PERFORMANCE CURVES

Vort QBK POWER 630 EQUIPPED WITH ADH E 560



Code 5.170.084.755

02/12

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