



BXV

Long and short cased axial flow fan with thermoplastic or aluminum impellers with pitch angle. Up to five different solutions for the same diameter and rotation speed. This allows to select the most suitable fan whether airflow, pressure, consumption, sound level, size, or price is requested. Adjustable to any voltag.

Applications: For duct extraction in general industry, workshops, catering, car parks and large premises.

CHARACTERISTICS

- Casing made from epoxy painted metal sheet.
- Motor class F, protection IP54

ACCESSORIES



RP



SB



BXV-BD

short cased belt driven axial flow fan with thermoplastic or aluminum impellers with pitch angle. Up to five different solutions for the same diameter and rotation speed. This allows to select the most suitable fan whether airflow, pressure, consumption, sound level, size, or price is requested. Adjustable to any voltag.

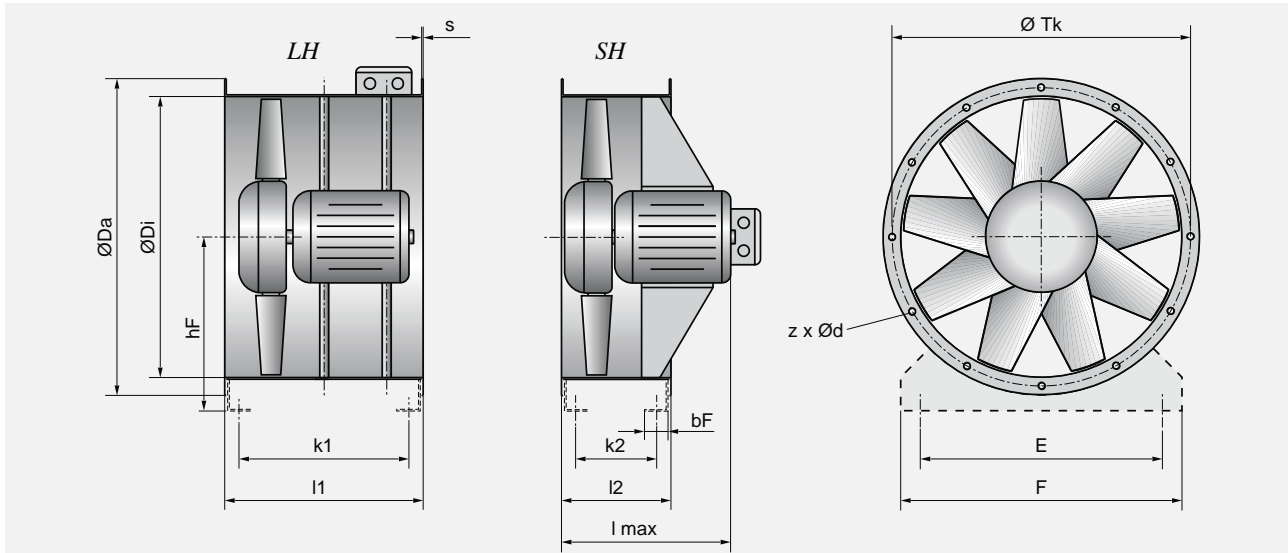
Up on request



BXV-BOX

BXV

Dimensions in mm



size	Da [mm]	Di [mm]	hF [mm]	z x d [mm]	Tk [mm]	E [mm]	F [mm]	bF [mm]
315	398	320	205	8 x 12	366	265	315	60
355	438	359	225	8 x 12	405	305	355	60
400	484	401	250	12 x 12	448	350	400	60
450	534	450	280	12 x 12	497	400	450	60
500	584	504	315	12 x 12	551	440	500	70
560	664	565	345	16 x 14	629	500	560	70
630	734	634	400	16 x 14	698	570	630	70
710	814	711	450	16 x 14	775	650	710	70
800	904	797	500	24 x 14	861	730	800	80
900	1004	894	580	24 x 14	958	830	900	80
1000	1105	1003	630	24 x 14	1067	930	990	80
1250	1370	1250	850	32 x 18	1337	1180	1240	100

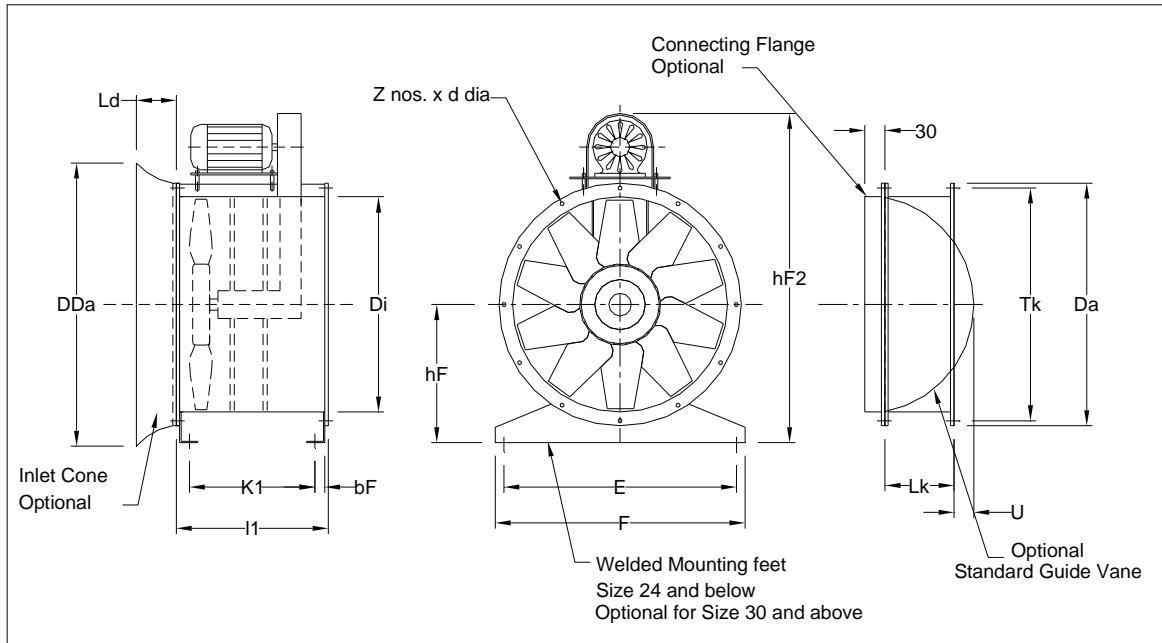
size	LH				SH		
	s [mm]	k1 [mm]	l1 [mm]	motor max.	k2 [mm]	l2 [mm]	lmax [mm]
315	2	336	400	80	161	225	350
355	2	336	400	80	161	225	350
400	2	336	400	90	161	225	400
450	2,5	415	480	112	160	225	500
500	2,5	405	480	112	150	225	600
560	3	624	700	160	224	300	750
630	3	624	700	160	224	300	750
710	3	464	540	132	224	300	600
800	3	614	700	160	214	300	750
900	4	612	700	160	212	300	750
1000	4	692	780	180	262	350	800
1250	4	892	1000	225	242	350	800

Characteristic curves

See characteristic curves on page 108

BXV-BD

Dimensions in mm



Model	Di	Da	hF	hF2 (max)	zxd	Tk	E	F	bF
315	320	398	205	700	8 x 12	366	265	315	60
355	359	438	225	750	8 x 12	405	305	355	60
400	401	484	250	810	12 x 12	448	350	400	60
450	450	534	280	860	12 x 12	497	400	450	60
500	504	584	315	1041	12 x 12	551	440	500	70
560	565	664	345	1094	16 x 14	629	500	560	70
630	634	734	400	1246	16 x 14	698	570	630	70
710	711	814	450	1454	16 x 14	775	650	710	70
800	797	904	500	1544	24 x 14	861	730	800	80
900	894	1004	580	1746	24 x 14	958	830	900	80
1000	1003	1105	630	1821	24 x 14	1067	930	990	80
1250	1250	1345	850	2175	24 x 14	1513	1180	1240	100

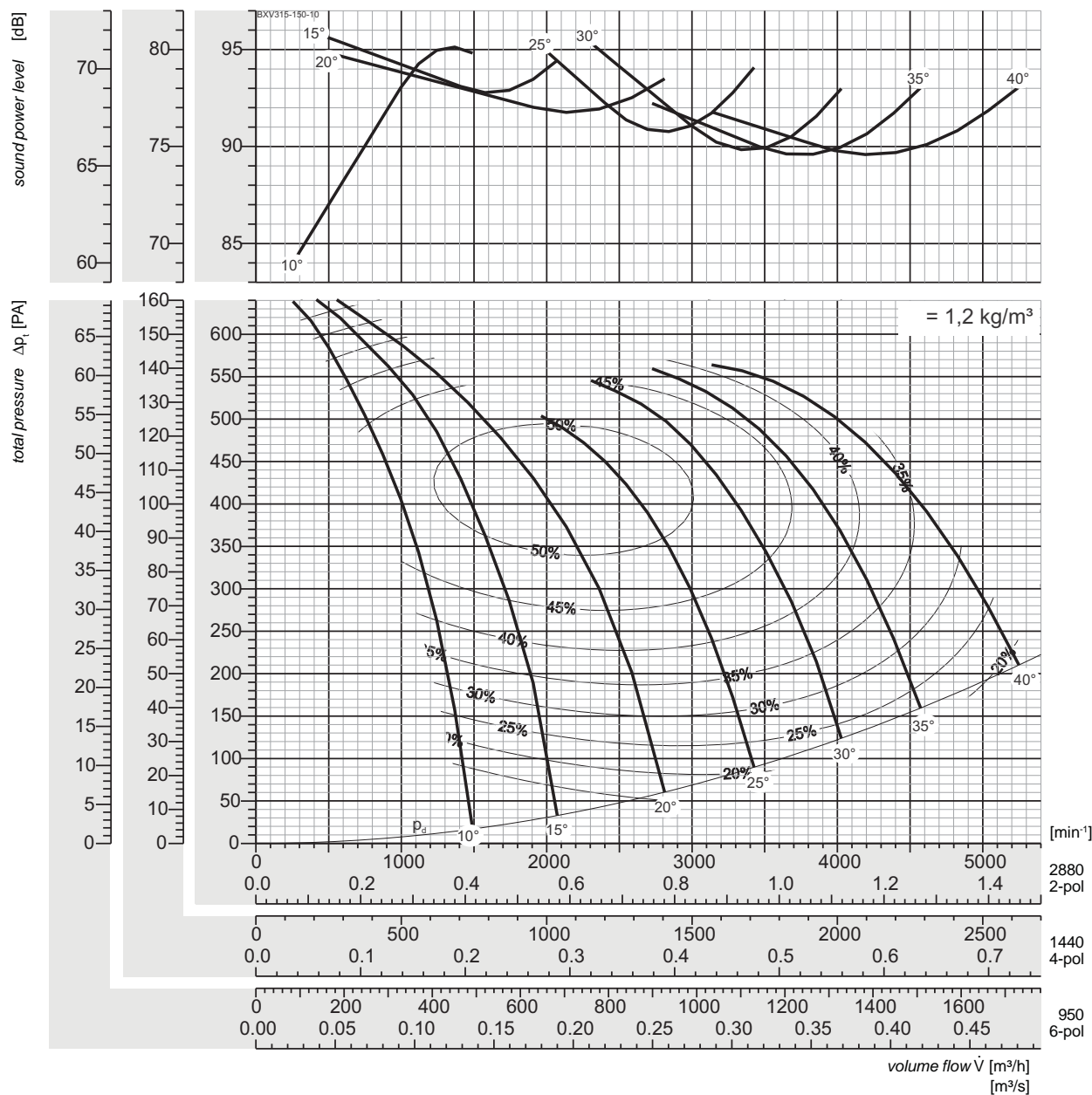
Model	S	K1	l1	Kg	Mtr Frame	DDa	Ld	Lk	U
315	3	335	400	16	90	410	125	250	na
355	3	335	400	20	100	465	125	250	na
400	3	335	400	23	100	507	135	250	na
450	3	415	480	27	132	555	135	250	15
500	3	415	480	31	132	617	135	250	45
560	3	474	550	38	132	667	135	250	80
630	3	474	550	55	160	775	135	250	120
710	3	472	550	112	180	816	170	350	60
800	4	612	700	218	200	915	200	350	110
900	4	612	700	221	200	1015	250	350	170
1000	4	692	780	239	200	1115	250	350	225
1250	4	892	1000	268	225	1440	250	350	300

Characteristic curves

See characteristic curves on page 108

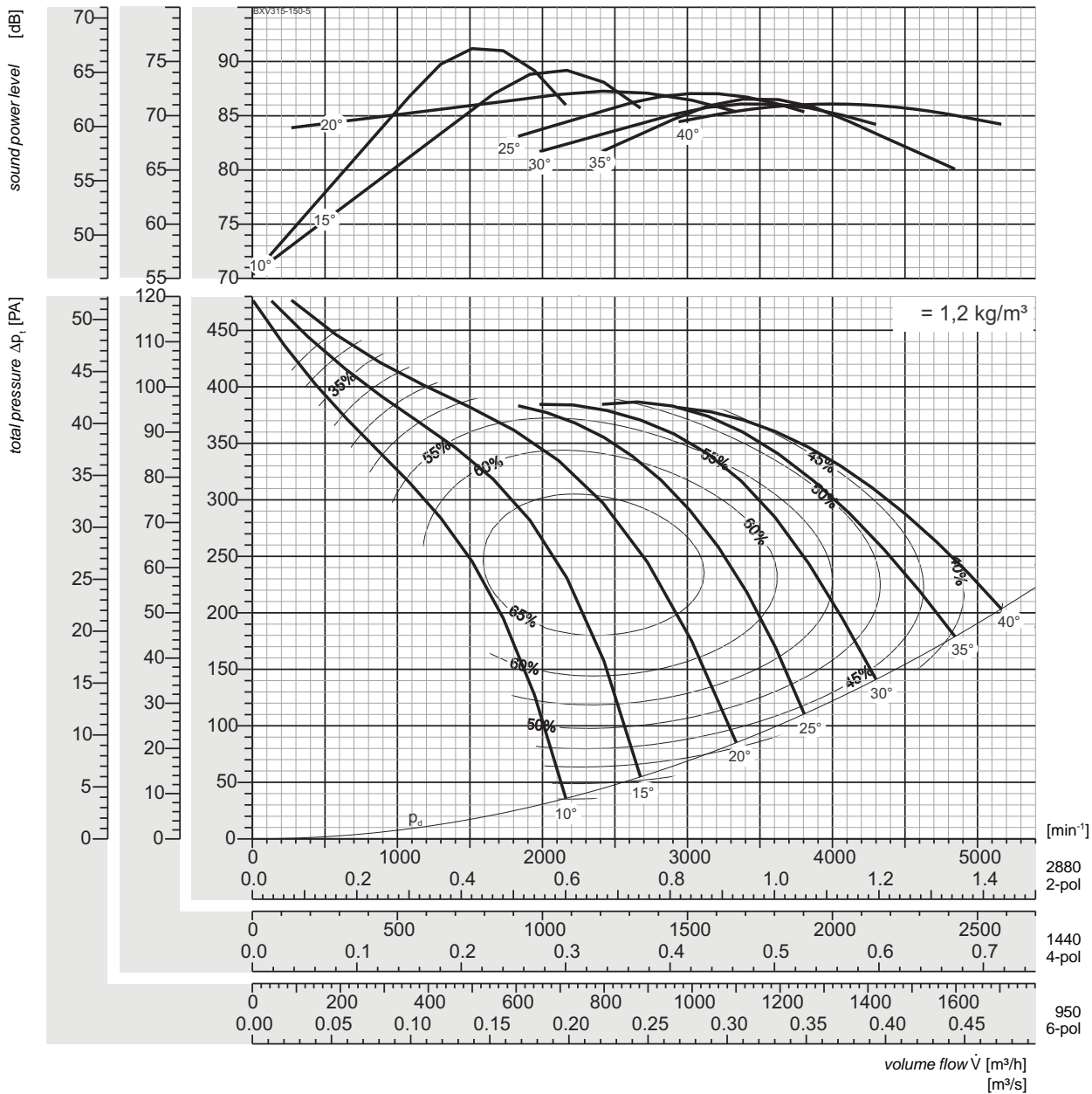
BXV / BXV-R / BXV-BD / BXV-PM 315-150-10

Performance curve



n [min ⁻¹]	Peak absorbed power [kW] L_{max}							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Octave b. midfr. [Hz]										
	10	15	20	25	30	35	40	Total	63	125	250	500	1k	2k	4k	8k	dBA	
950	0,009	0,013	0,019	0,021	0,029	0,038	0,054	L_{w5} saugseitig inlet	-1	-11	-4	-6	-9	-11	-15	-22	-30	-6
	0,37							L_{w6} druckseitig outlet	0	-8	-5	-6	-8	-13	-19	-25	-33	-7
1440	0,030	0,045	0,065	0,073	0,100	0,132	0,190	L_{w5} saugseitig inlet	-1	-12	-6	-5	-12	-10	-12	-18	-31	-6
	0,37							L_{w6} druckseitig outlet	0	-9	-8	-4	-12	-13	-15	-18	-28	-7
2880	0,243	0,363	0,517	0,584	0,798	1,055	1,518	L_{w5} saugseitig inlet	-2	-8	-10	-9	-9	-7	-10	-13	-22	-3
	0,37		0,55	0,75	1,1	1,1	2,2	L_{w6} druckseitig outlet	0	-7	-10	-7	-7	-11	-13	-15	-22	-5

BXV / BXV-R / BXV-BD / BXV-PM 315-150-5 Performance curve



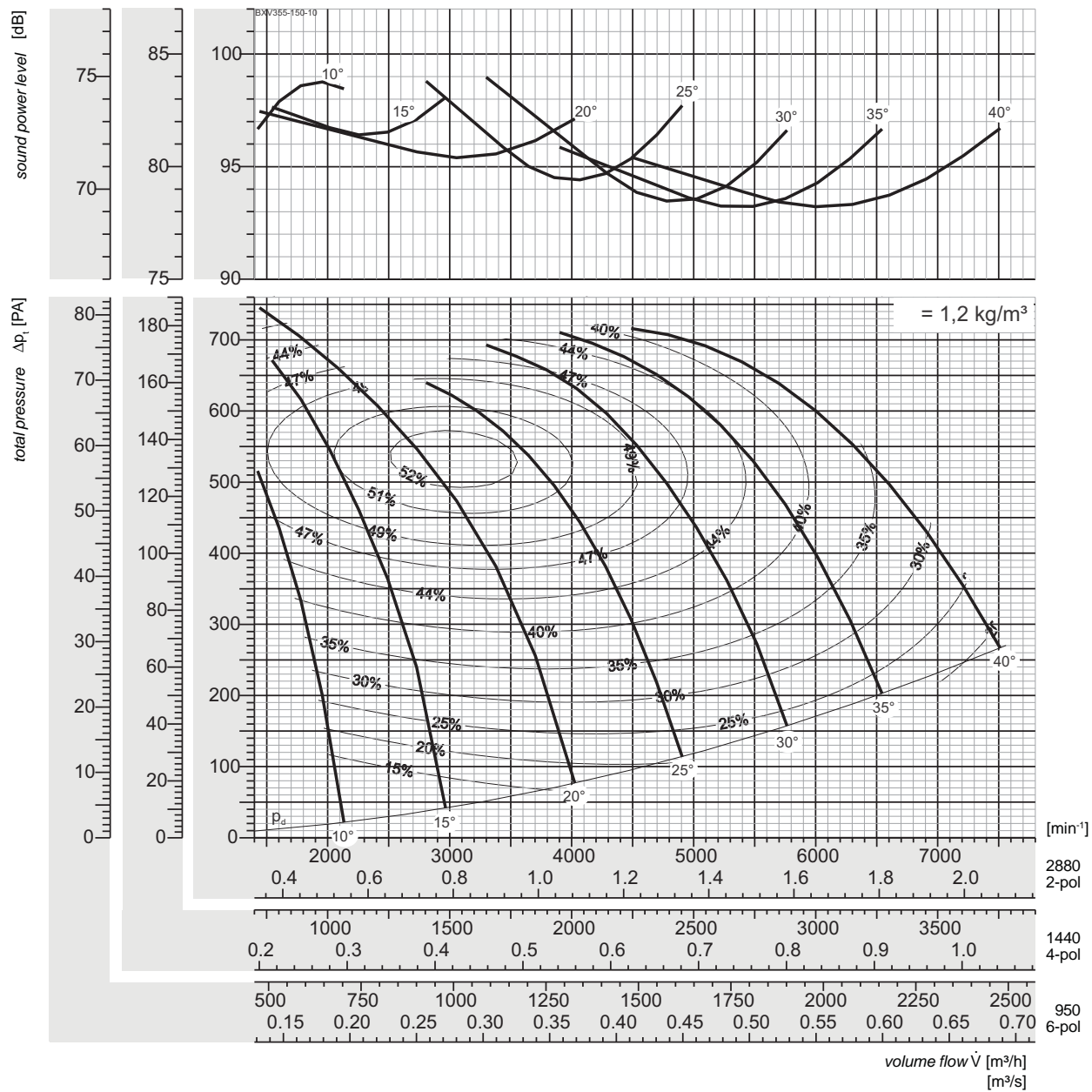
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950 motor	0,006	0,009	0,011	0,015	0,019	0,024	0,032	L_{w5} saugseitig inlet	-1	-8	-9	-2	-9	-12	-15	-24	-33	-4
	0,37							L_{w6} druckseitig outlet	0	-6	-10	-3	-9	-14	-20	-24	-31	-7
1440 motor	0,022	0,030	0,040	0,051	0,065	0,082	0,111	L_{w5} saugseitig inlet	1	-9	-6	-8	-11	-10	-12	-17	-27	-6
	0,37							L_{w6} druckseitig outlet	0	-7	-6	-8	-11	-11	-13	-16	-23	-6
2880 motor	0,180	0,238	0,320	0,408	0,520	0,659	0,888	L_{w5} saugseitig inlet	0	-7	-8	-8	-11	-9	-10	-14	-22	-5
	0,37			0,55	0,55	0,75	1,1	L_{w6} druckseitig outlet	0	-8	-8	-6	-10	-10	-12	-15	-20	-5

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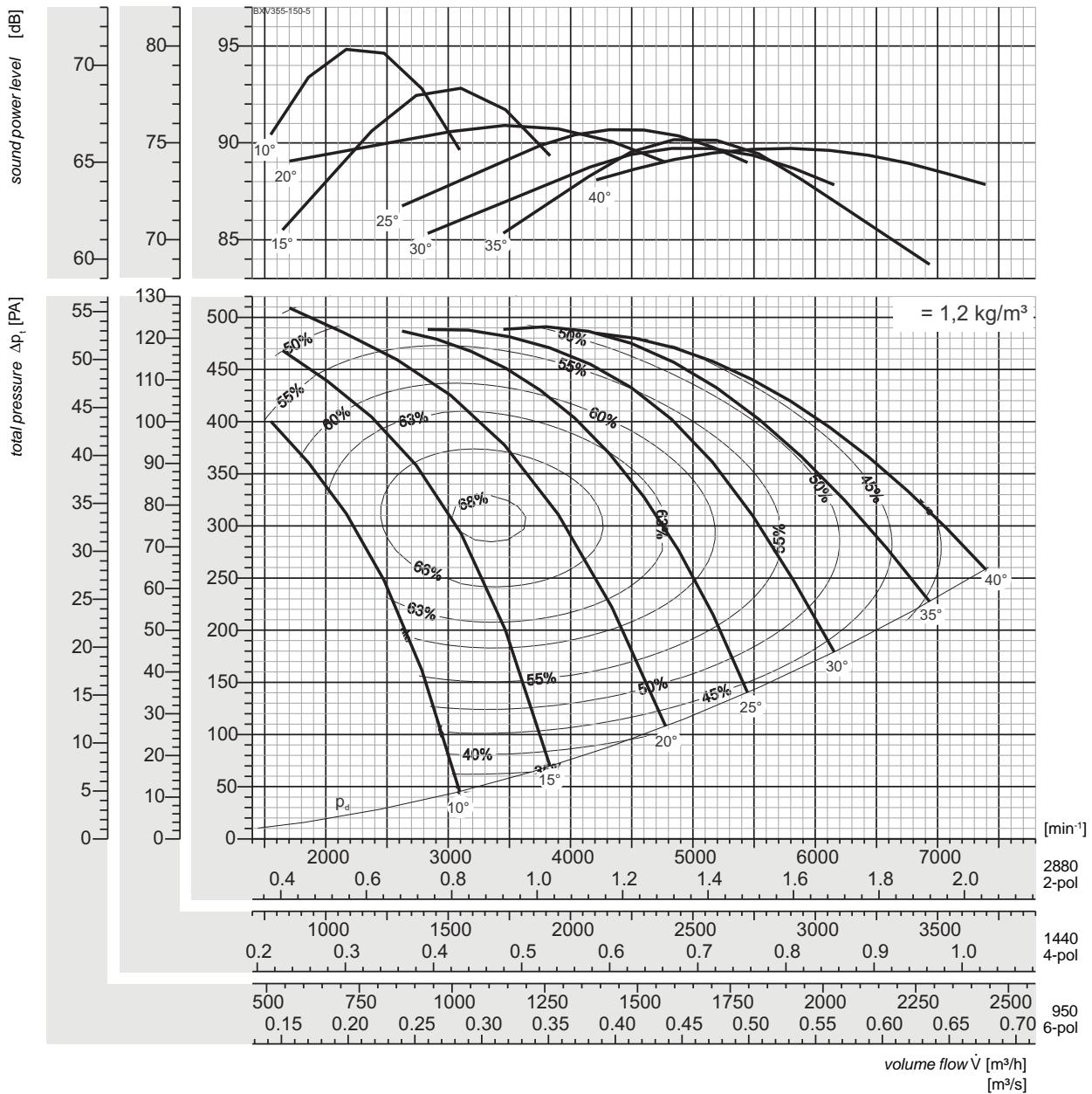
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]									dBA
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k	8k		
950	0,02	0,02	0,03	0,04	0,05	0,07	0,10	L_{w5} saugseitig inlet	-1	-11	-4	-6	-9	-11	-15	-22	-30	-6
motor	0,37							L_{w6} druckseitig outlet	0	-8	-5	-6	-8	-13	-19	-25	-33	-7
1440	0,06	0,08	0,12	0,13	0,18	0,24	0,34	L_{w5} saugseitig inlet	-1	-12	-6	-5	-12	-10	-12	-18	-31	-6
motor	0,37							L_{w6} druckseitig outlet	0	-9	-8	-4	-12	-13	-15	-18	-28	-7
2880	0,44	0,66	0,94	1,06	1,45	1,92	2,76	L_{w5} saugseitig inlet	-2	-8	-10	-9	-9	-7	-10	-13	-22	-3
motor	0,55	0,75	1,1		1,5	2,2	3,0	L_{w6} druckseitig outlet	0	-7	-10	-7	-7	-11	-13	-15	-22	-5

BXV / BXV-R / BXV-BD / BXV-PM 355-150-5

Performance curve



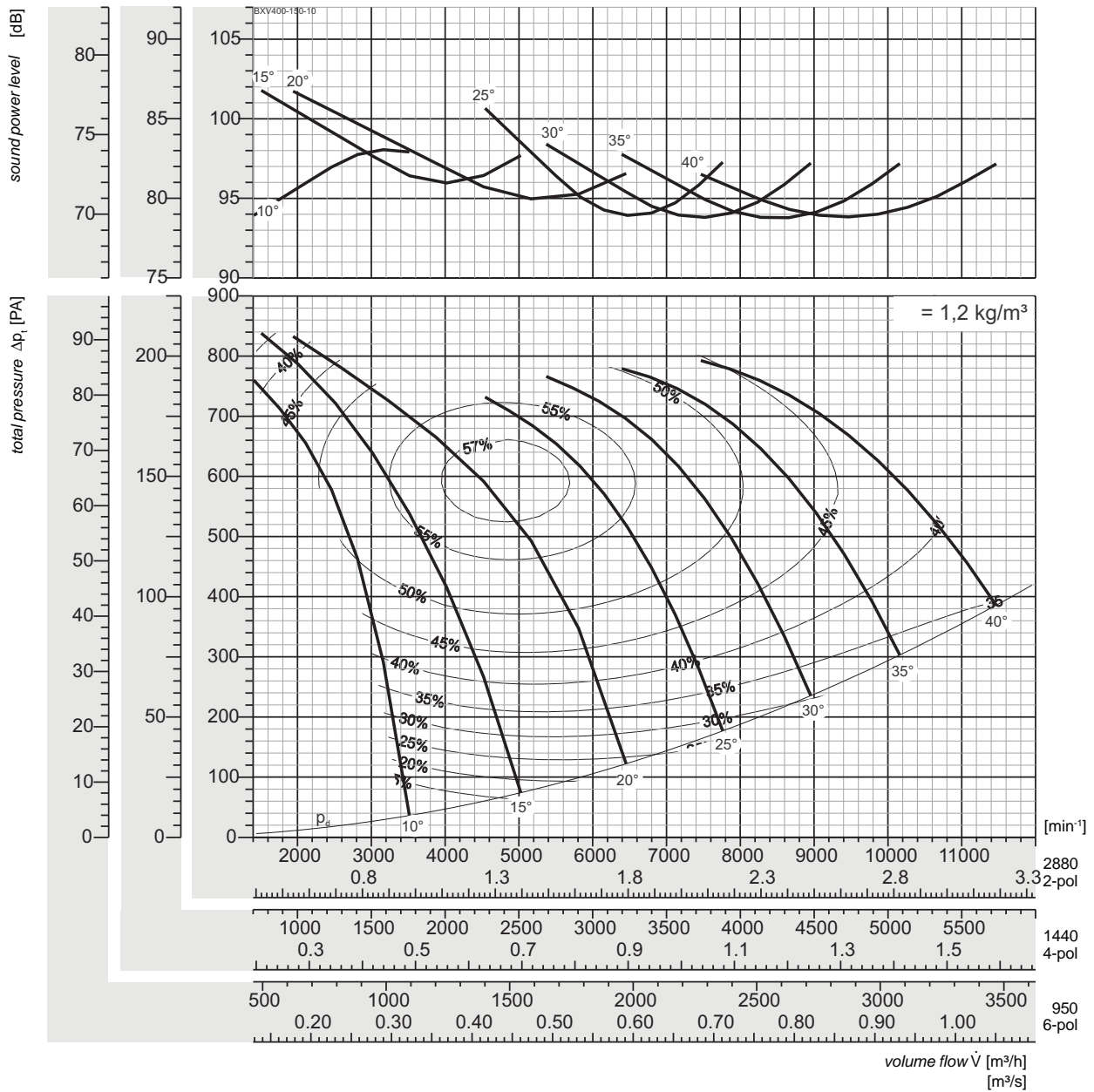
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	Winkel / pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950 motor	0,01	0,02	0,02	0,03	0,03	0,04	0,06	L _{w5} saugseitig inlet	-1	-8	-9	-2	-9	-12	-15	-24	-33	-4
	0,37							L _{w6} druckseitig outlet	0	-6	-10	-3	-9	-14	-20	-24	-31	-7
1440 motor	0,04	0,05	0,07	0,09	0,12	0,15	0,20	L _{w5} saugseitig inlet	1	-9	-6	-8	-11	-10	-12	-17	-27	-6
	0,37							L _{w6} druckseitig outlet	0	-7	-6	-8	-11	-11	-13	-16	-23	-6
2880 motor	0,33	0,43	0,58	0,74	0,95	1,20	1,62	L _{w5} saugseitig inlet	0	-7	-8	-8	-11	-9	-10	-14	-22	-5
	0,37	0,55	0,75		1,1	1,5	2,2	L _{w6} druckseitig outlet	0	-8	-8	-6	-10	-10	-12	-15	-20	-5

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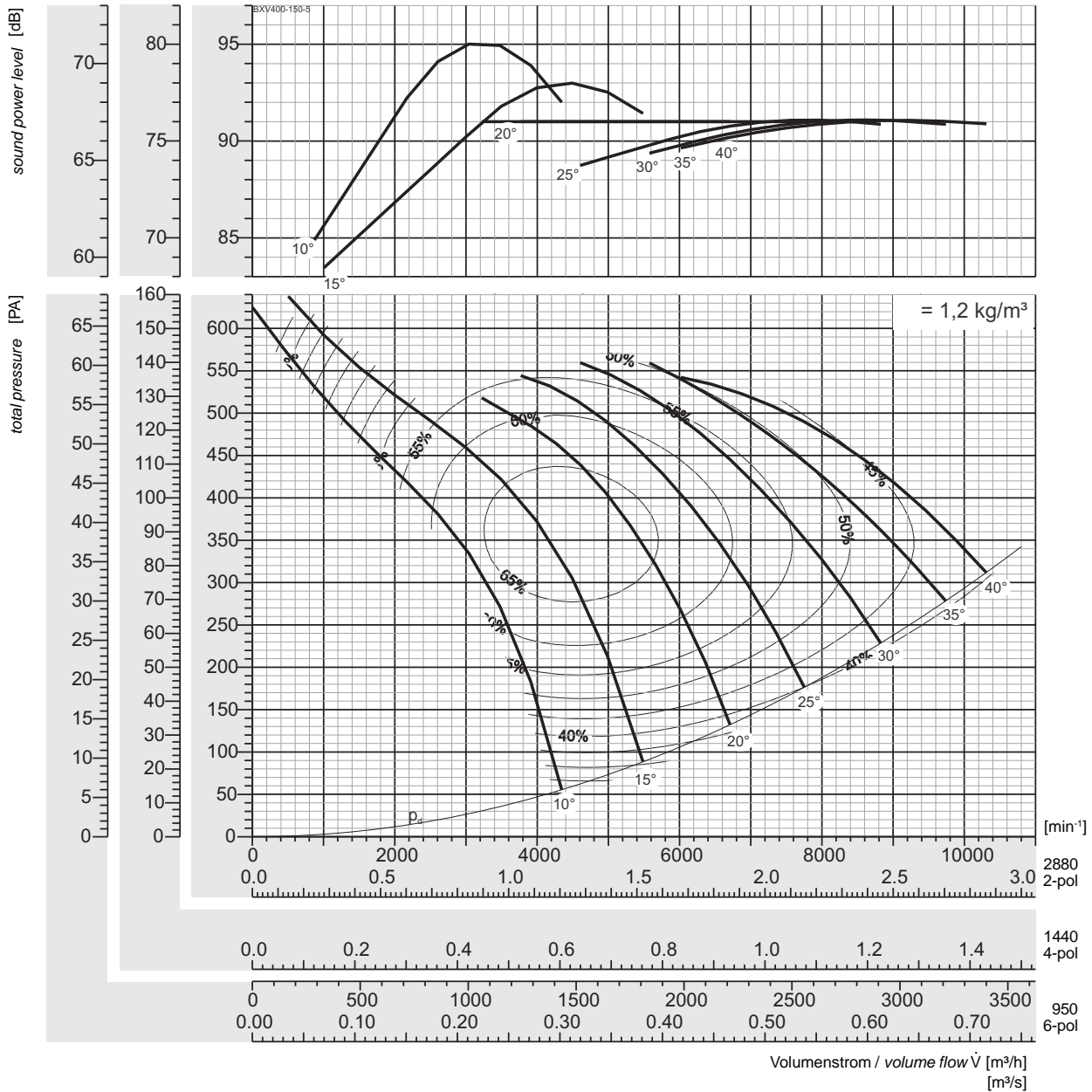
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k	8k		
950	0,03	0,03	0,05	0,06	0,08	0,11	0,14	L _{w5} saugseitig inlet	-1	-9	-6	-6	-8	-11	-14	-22	-32	-6
motor	0,37							L _{w6} druckseitig outlet	0	-8	-6	-6	-7	-10	-15	-22	-33	-5
1440	0,10	0,12	0,17	0,22	0,29	0,38	0,50	L _{w5} saugseitig inlet	-1	-12	-8	-6	-9	-8	-10	-16	-27	-4
motor	0,37							L _{w6} druckseitig outlet	0	-9	-9	-6	-9	-10	-12	-16	-26	-5
2880	0,79	0,97	1,34	1,79	2,31	3,01	3,98	L _{w5} saugseitig inlet	-1	-8	-11	-10	-6	-7	-10	-15	-23	-3
motor	1,1							L _{w6} druckseitig outlet	0	-8	-8	-9	-7	-10	-12	-16	-21	-5

BXV / BXV-R / BXV-BD / BXV-PM 400-150-5

Performance curve



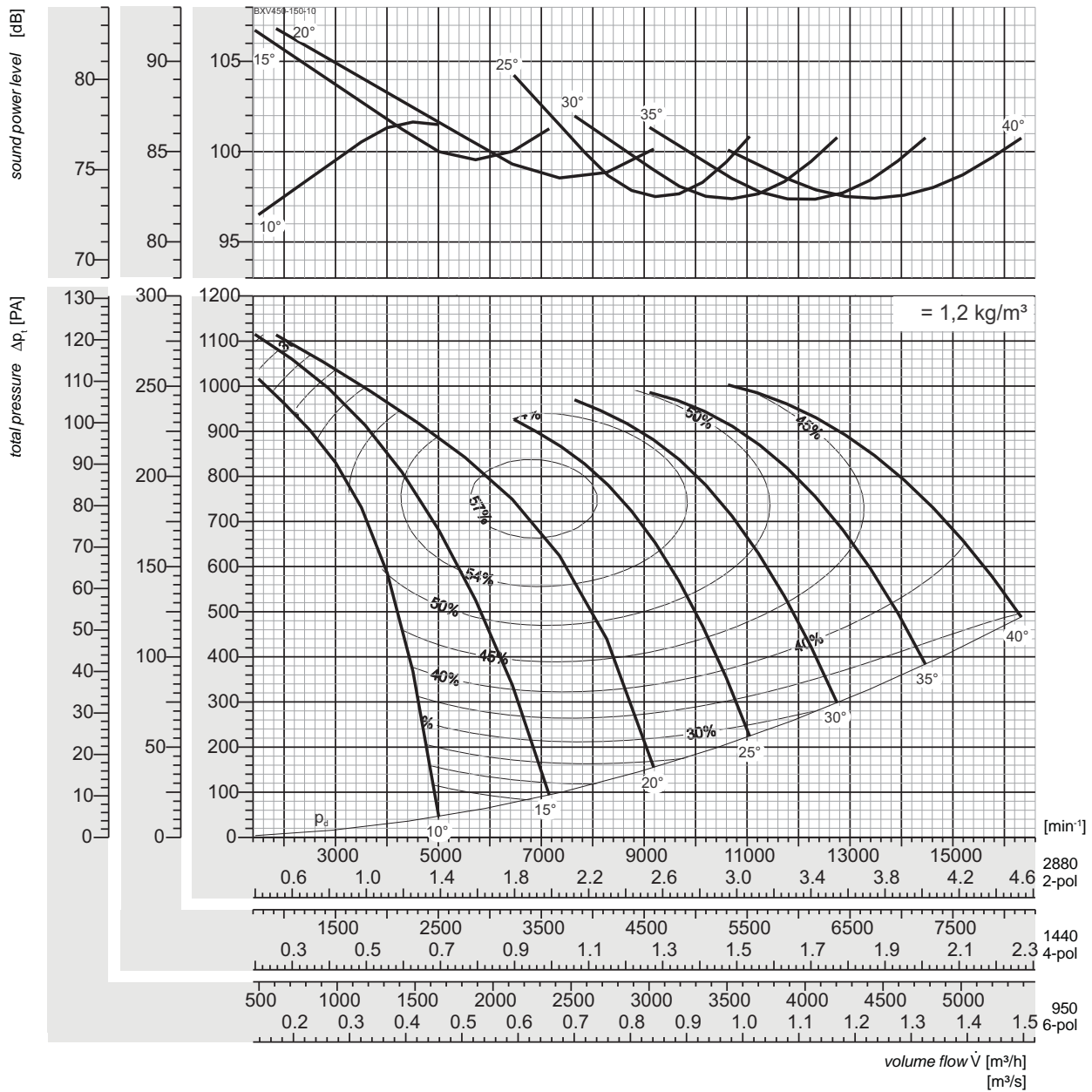
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950 motor	0,02	0,02	0,03	0,04	0,05	0,07	0,09	L _{w5} saugseitig inlet	1	-6	-9	-4	-10	-11	-14	-22	-32	-6
	0,37							L _{w6} druckseitig outlet	0	-5	-7	-4	-8	-10	-15	-20	-28	-4
1440 motor	0,06	0,08	0,10	0,14	0,18	0,23	0,30	L _{w5} saugseitig inlet	0	-8	-6	-7	-11	-10	-13	-17	-26	-6
	0,37							L _{w6} druckseitig outlet	0	-7	-6	-8	-11	-10	-13	-17	-23	-6
2880 motor	0,48	0,64	0,83	1,14	1,47	1,86	2,39	L _{w5} saugseitig inlet	1	-7	-10	-7	-10	-9	-12	-15	-22	-5
	0,55	0,75	1,1	1,5		2,2	3,0	L druckseitig outlet	0	-11	-8	-5	-10	-10	-12	-16	-20	-5

BXV / BXV-R / BXV-BD / BXV-PM 450-150-10

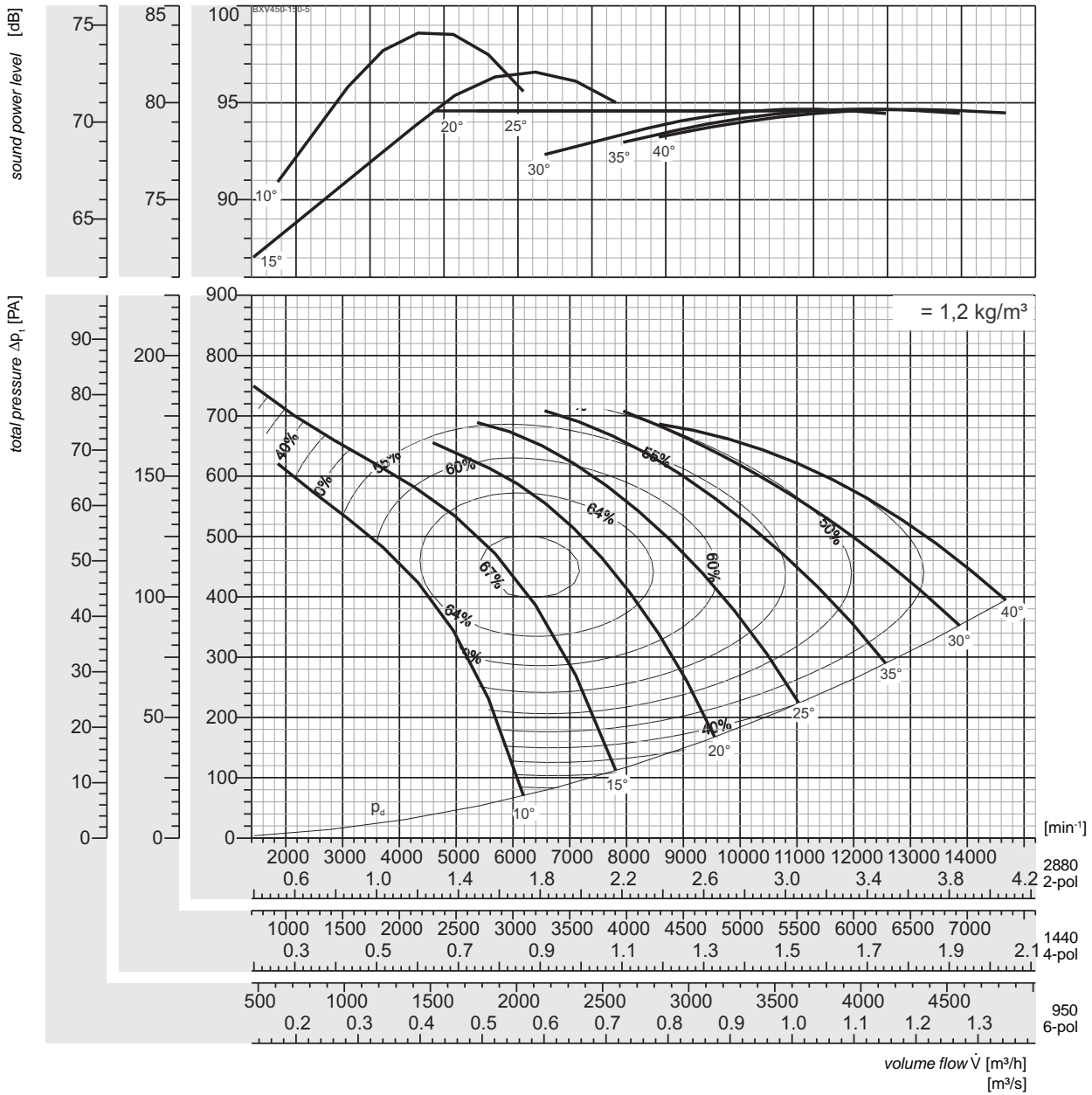
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k	8k		
950	0,05	0,06	0,09	0,12	0,15	0,19	0,26	L _{w5} saugseitig inlet	-1	-9	-6	-6	-8	-11	-14	-22	-32	-6
motor	0,37							L _{w6} druckseitig outlet	0	-8	-6	-6	-7	-10	-15	-22	-33	-5
1440	0,18	0,22	0,30	0,40	0,52	0,68	0,90	L _{w5} saugseitig inlet	-1	-12	-8	-6	-9	-8	-10	-16	-27	-4
motor	0,37						1,1	L _{w6} druckseitig outlet	0	-9	-9	-6	-9	-10	-12	-16	-26	-5
2880	1,42	1,76	2,42	3,23	4,16	5,42	7,17	L _{w5} saugseitig inlet	-1	-8	-11	-10	-6	-7	-10	-15	-23	-3
motor	1,5	2,2	3,0	4,0	-	-	-	L _{w6} druckseitig outlet	0	-8	-8	-9	-7	-10	-12	-16	-21	-5

BXV / BXV-R / BXV-BD / BXV-PM 450-150-5

Performance curve



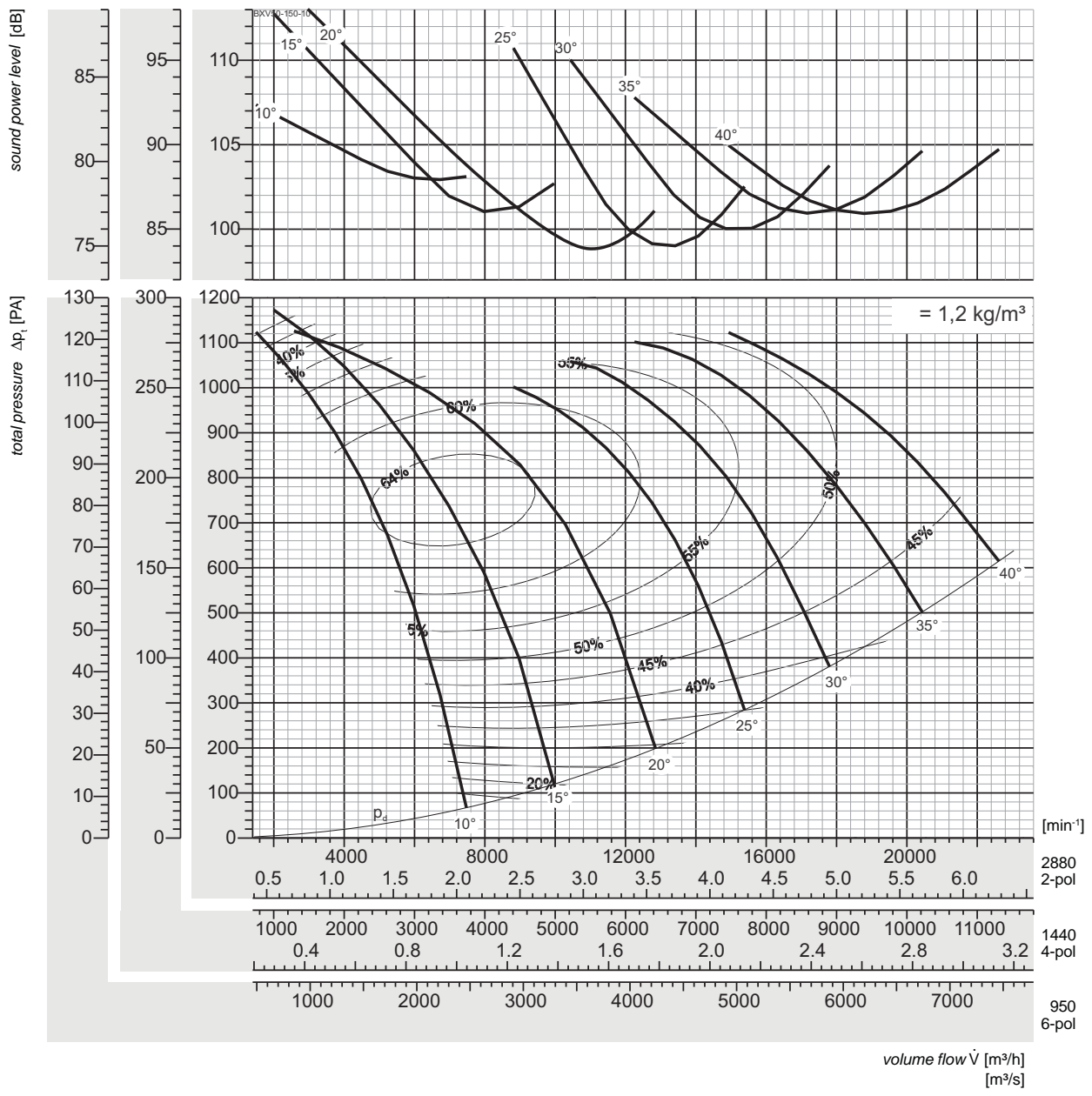
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950	0,03	0,04	0,05	0,07	0,10	0,12	0,15	L_{w5} saugseitig inlet	1	-6	-9	-4	-10	-11	-14	-22	-32	-6
	0,37							L_{w6} druckseitig outlet	0	-5	-7	-4	-8	-10	-15	-20	-28	-4
1440	0,11	0,14	0,19	0,26	0,33	0,42	0,54	L_{w5} saugseitig inlet	0	-8	-6	-7	-11	-10	-13	-17	-26	-6
	0,37					0,55		L_{w6} druckseitig outlet	0	-7	-6	-8	-11	-10	-13	-17	-23	-6
2880	0,86	1,15	1,50	2,05	2,65	3,36	4,31	L_{w5} saugseitig inlet	1	-7	-10	-7	-10	-9	-12	-15	-22	-5
	1,1	1,5	2,2		3,0	4,0	-	L_{w6} druckseitig outlet	0	-11	-8	-5	-10	-10	-12	-16	-20	-5

BXV / BXV-R / BXV-BD / BXV-PM 500-150-10

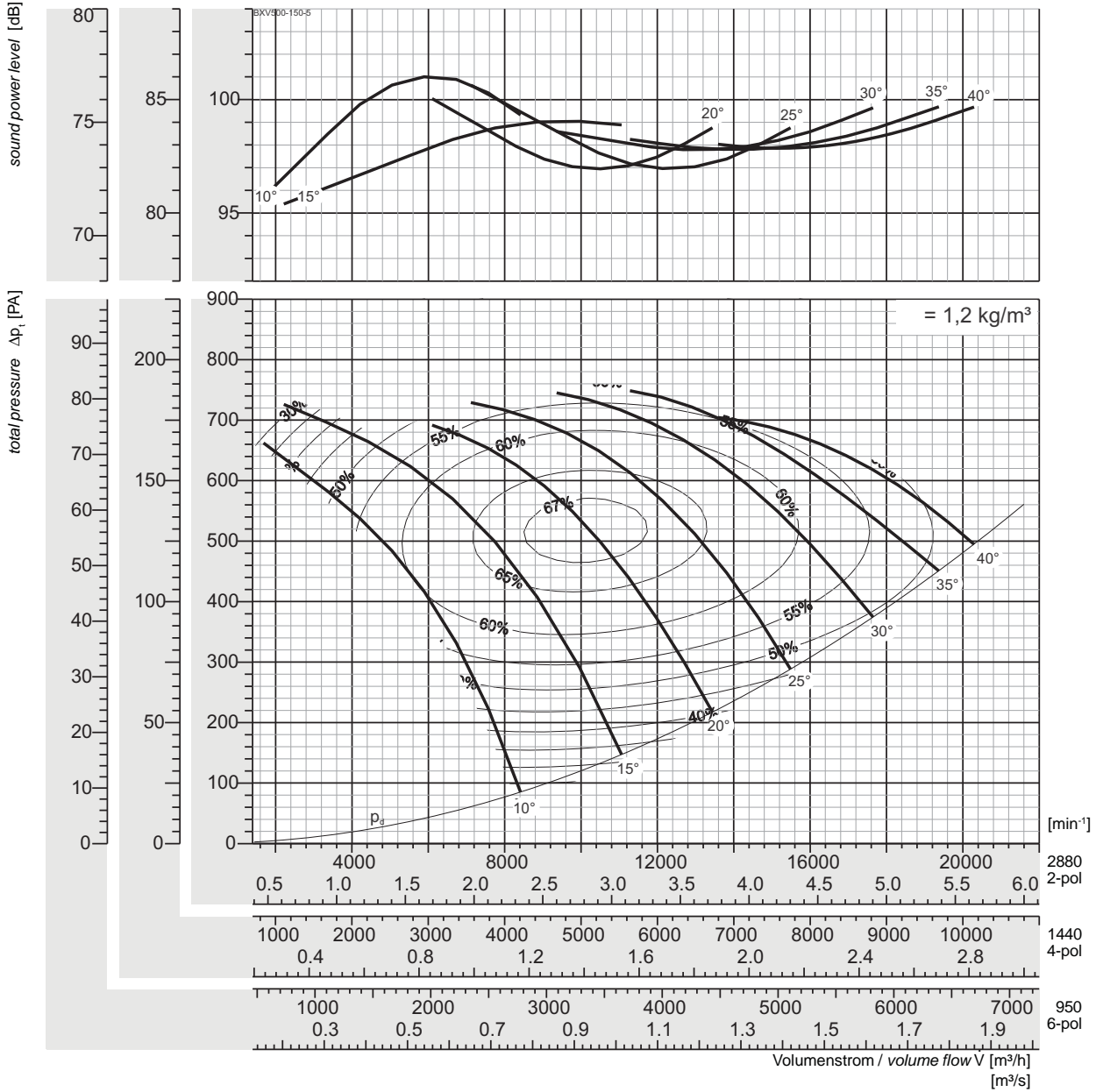
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	Winkel / pitch angle [°]							Octave b. midfr. [Hz]										
	10	15	20	25	30	35	40	Total	63	125	250	500	1k	2k	4k	8k	dBA	
950	0,05	0,09	0,12	0,16	0,22	0,29	0,36	L _{w5} saugseitig inlet	-0	-8	-11	-8	-7	-10	-14	-21	-35	-6
motor	0,37							L _{w6} druckseitig outlet	0	-9	-9	-7	-7	-10	-12	-20	-30	-5
1440	0,19	0,30	0,40	0,57	0,76	1,00	1,25	L _{w5} saugseitig inlet	-1	-13	-10	-9	-7	-6	-10	-13	-25	-2
motor	0,37		0,55	0,75	1,1		1,5	L _{w6} druckseitig outlet	0	-10	-11	-8	-8	-9	-11	-15	-24	-5
2880	1,52	2,38	3,23	4,54	6,10	7,96	10,03	L _{w5} saugseitig inlet	1	-13	-16	-13	-7	-5	-9	-12	-16	-2
motor	2,2	3,0	4,0	-	-	-	-	L _{w6} druckseitig outlet	0	-11	-13	-10	-6	-5	-7	-9	-15	-0

BXV / BXV-R / BXV-BD / BXV-PM 500-150-5

Performance curve



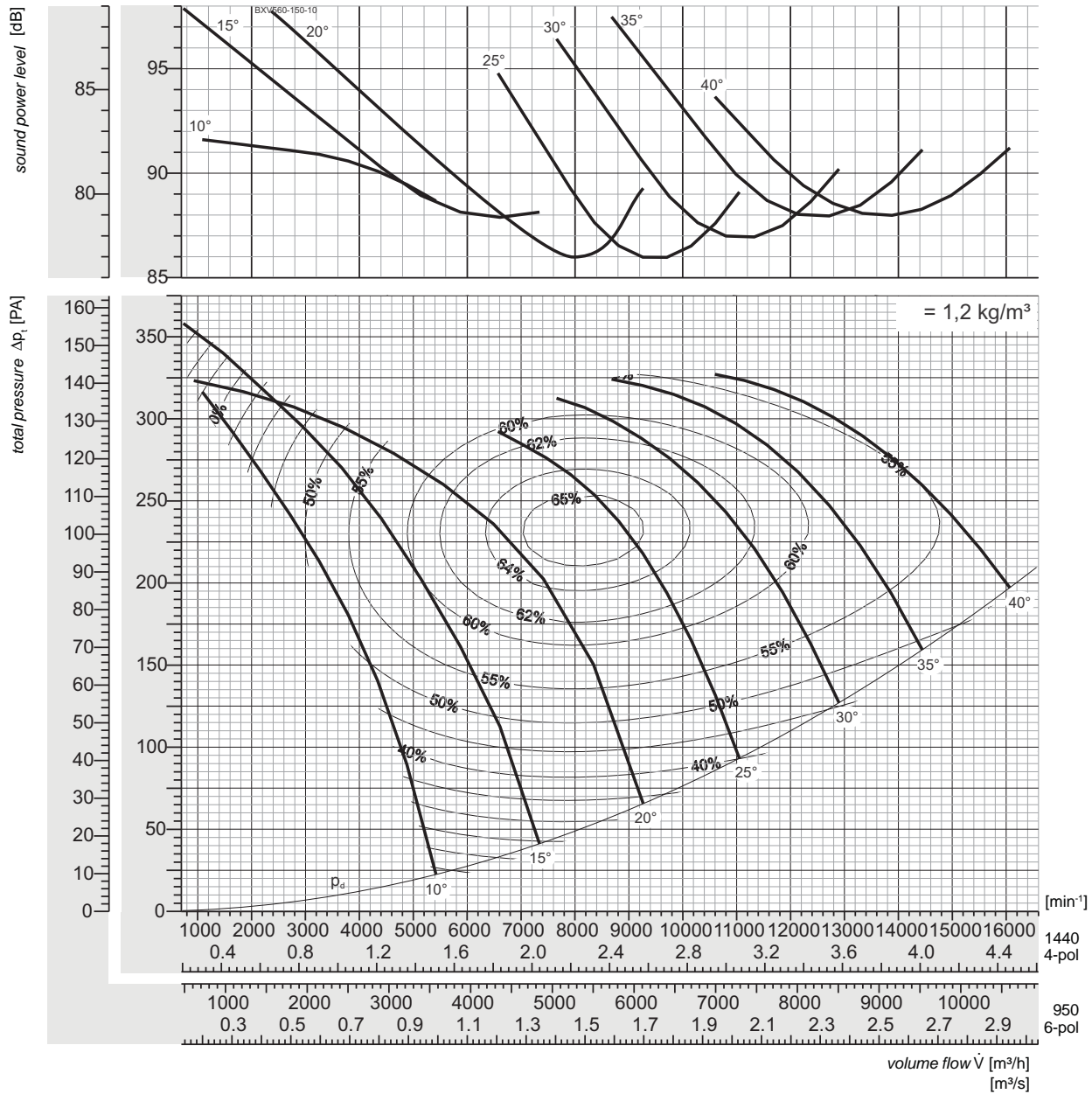
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950 motor	0,04	0,06	0,08	0,11	0,14	0,17	0,22	L _{w5} saugseitig inlet	3	-3	-13	-9	-9	-11	-14	-20	-32	-7
	0,37							L _{w6} druckseitig outlet	0	-4	-9	-6	-6	-8	-13	-17	-26	-3
1440 motor	0,14	0,21	0,29	0,38	0,48	0,61	0,76	L _{w5} saugseitig inlet	0	-8	-6	-10	-9	-10	-13	-16	-26	-5
	0,37							L _{w6} druckseitig outlet	0	-7	-6	-8	-11	-10	-13	-17	-23	-6
2880 motor	1,14	1,66	2,31	3,03	3,84	4,86	6,12	L _{w5} saugseitig inlet	2	-6	-15	-8	-8	-8	-12	-14	-21	-5
	1,5 2,2 3,0 4,0							L _{w6} druckseitig outlet	0	-10	-11	-7	-9	-9	-11	-14	-20	-5

BXV / BXV-R / BXV-BD / BXV-PM 560-150-10

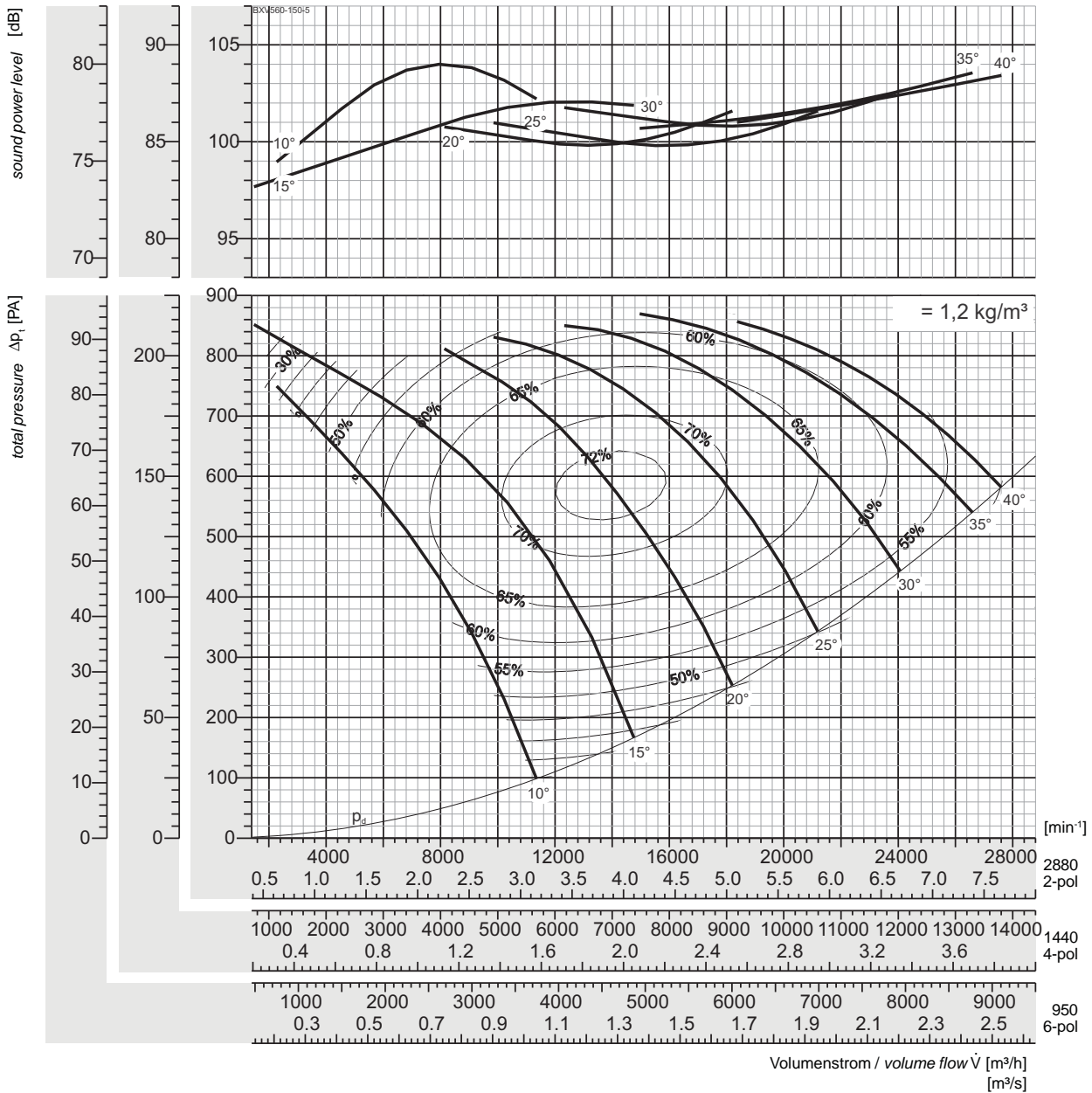
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Octave b. midfr. [Hz]										
	10	15	20	25	30	35	40	Total	63	125	250	500	1k	2k	4k	8k	dBA	
950	0,11	0,14	0,20	0,26	0,34	0,44	0,56	L _{w5} saugseitig inlet	-0	-8	-10	-7	-7	-11	-15	-21	-34	-6
motor	0,37					0,55	0,75	L _{w6} druckseitig outlet	0	-8	-9	-7	-7	-9	-13	-19	-29	-5
1440	0,37	0,49	0,68	0,92	1,18	1,53	1,94	L _{w5} saugseitig inlet	-1	-13	-13	-8	-7	-7	-11	-14	-24	-3
motor	0,55		0,75	1,1	1,5	2,2		L _{w6} druckseitig outlet	0	-10	-12	-8	-8	-9	-11	-14	-23	-5

BXV / BXV-R / BXV-BD / BXV-PM 560-150-5

Performance curve



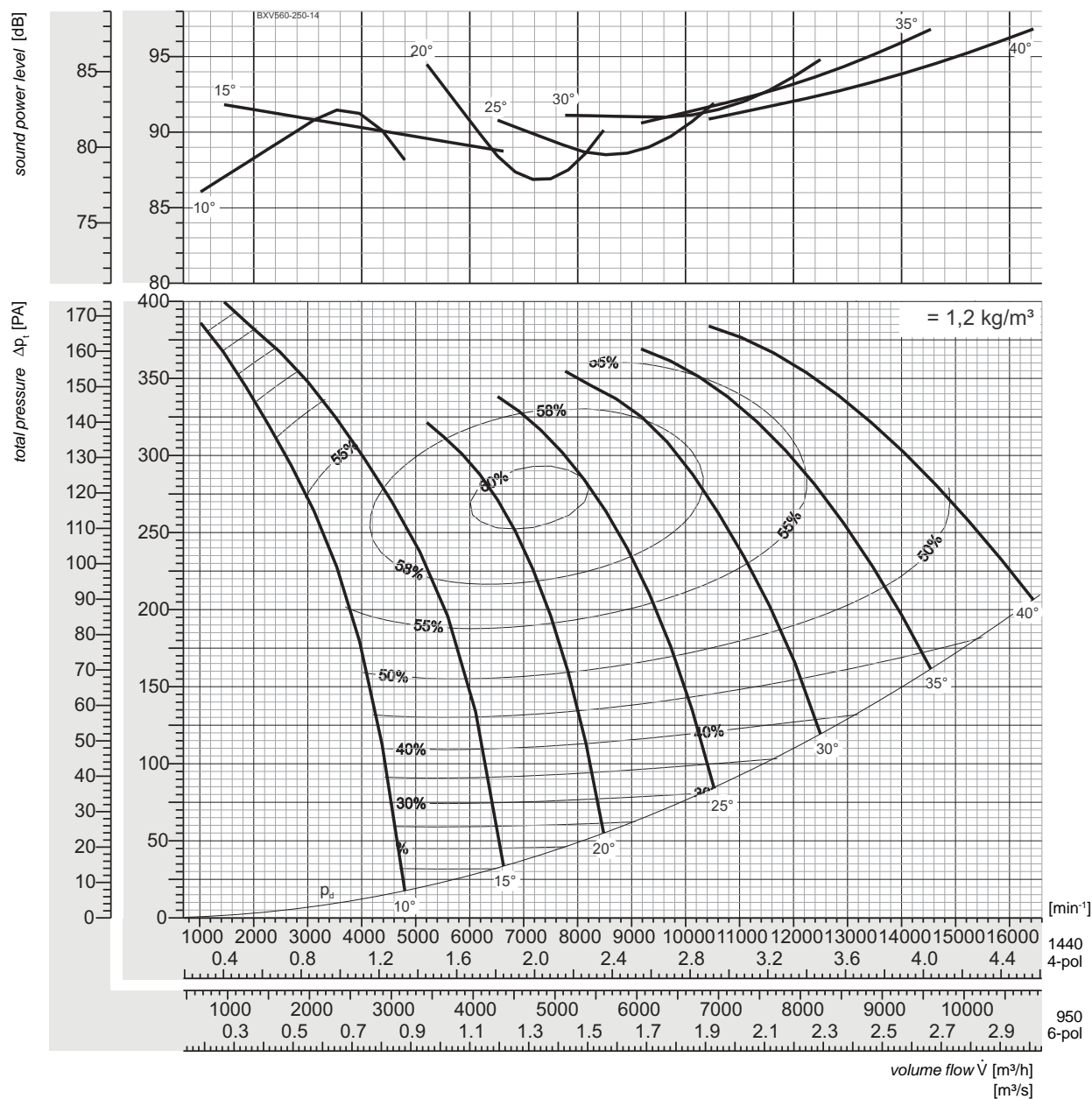
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950 motor	0,06	0,08	0,12	0,16	0,20	0,27	0,33	L _{w5} saugseitig inlet	2	-4	-11	-9	-7	-12	-15	-20	-32	-7
	0,37							L _{w6} druckseitig outlet	0	-4	-10	-7	-6	-9	-14	-18	-26	-3
1440 motor	0,20	0,29	0,41	0,56	0,70	0,95	1,14	L _{w5} saugseitig inlet	0	-7	-6	-8	-10	-11	-13	-17	-26	-6
	0,37		0,55	0,75	1,1	1,5		L _{w6} druckseitig outlet	0	-7	-6	-10	-10	-10	-13	-16	-23	-6
2880 motor	1,57	2,34	3,25	4,47	5,62	7,58	9,09	L _{w5} saugseitig inlet	2	-6	-12	-9	-9	-9	-12	-15	-21	-5
	2,2		3,0	4,0	-	-	-	L _{w6} druckseitig outlet	0	-9	-10	-6	-9	-9	-11	-15	-20	-4

BXV / BXV-R / BXV-BD / BXV-PM 560-250-14

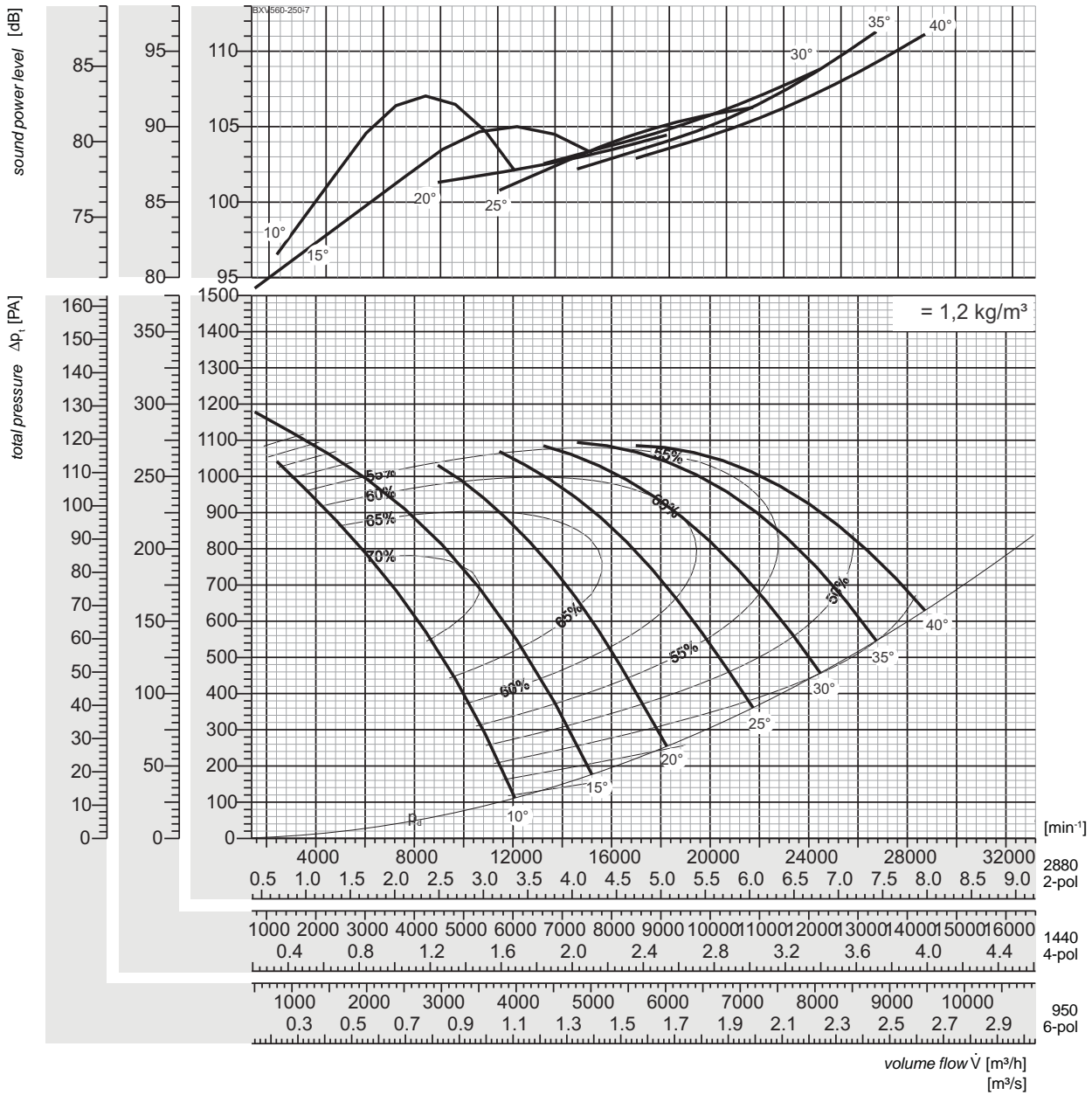
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k	8k		
950	0,12	0,17	0,24	0,32	0,41	0,51	0,66	L_{w5} saugseitig inlet	-2	-11	-13	-8	-6	-10	-14	-20	-33	-4
motor	0,37				0,55		0,75	L_{w6} druckseitig outlet	0	-8	-11	-8	-6	-9	-13	-18	-25	-5
1440	0,42	0,59	0,84	1,11	1,41	1,79	2,31	L_{w5} saugseitig inlet	0	-16	-17	-8	-6	-9	-12	-16	-28	-4
motor	0,55	0,75	1,1	1,5		2,2	3,0	L_{w6} druckseitig outlet	0	-9	-12	-8	-7	-10	-11	-14	-22	-3

BXV / BXV-R / BXV-BD / BXV-PM 560-250-7

Performance curve



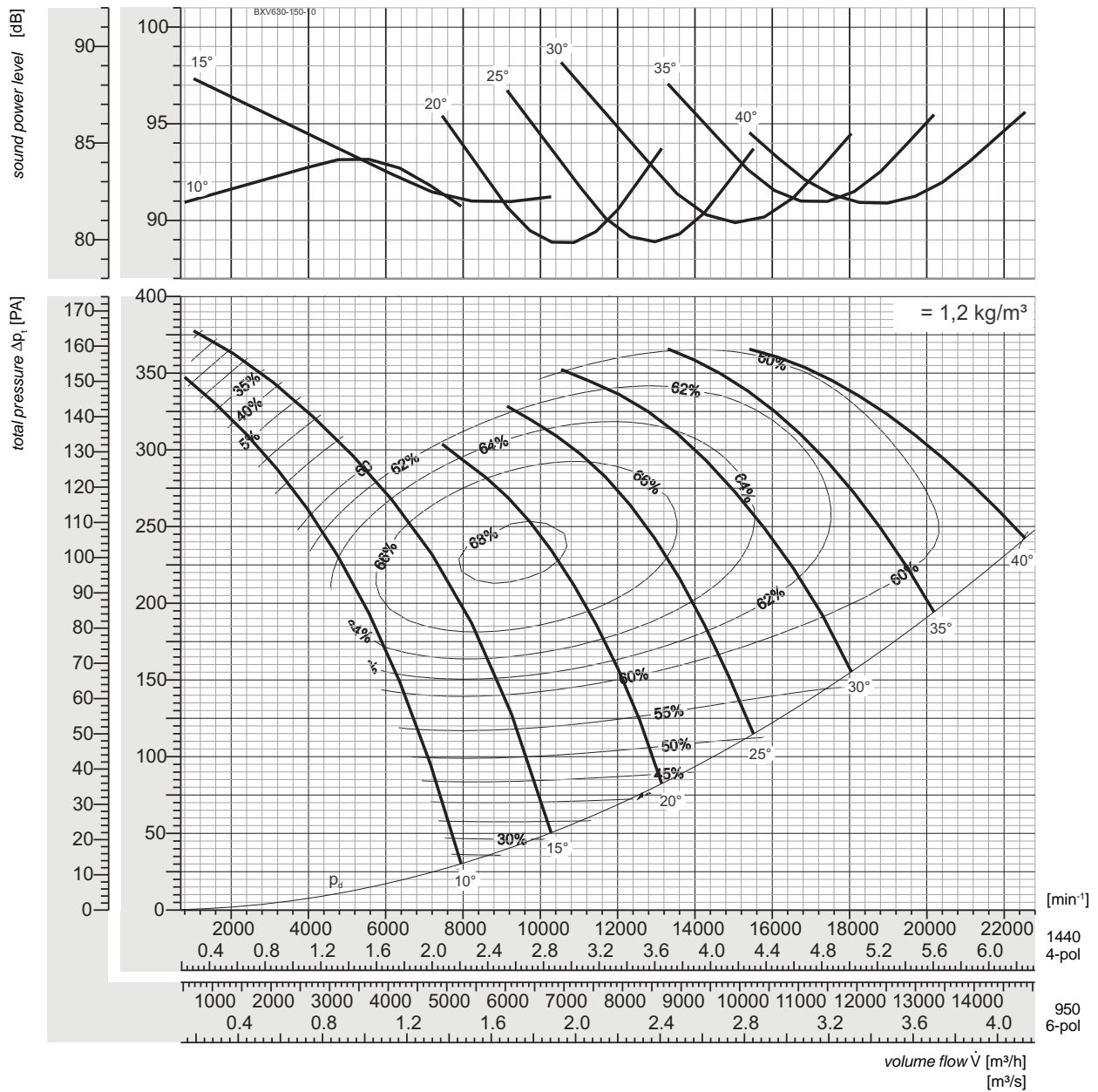
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]									dBA
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k	8k	
950	0,07	0,11	0,17	0,22	0,28	0,34	0,43	L _{w5} saugseitig inlet	-2	-7	-7	-10	-7	-11	-15	-21	-31	-6
	0,37						0,55	L _{w6} druckseitig outlet	0	-7	-8	-8	-7	-10	-12	-18	-26	-5
1440	0,24	0,39	0,58	0,75	0,97	1,18	1,51	L _{w5} saugseitig inlet	-1	-10	-10	-8	-8	-11	-13	-17	-24	-6
	0,37	0,55	0,75	1,1		1,5	2,2	L _{w6} druckseitig outlet	0	-7	-7	-9	-10	-12	-13	-15	-22	-7
2880	1,95	3,08	4,62	6,04	7,72	9,45	12,05	L _{w5} saugseitig inlet	-0	-10	-15	-7	-6	-10	-13	-18	-22	-5
	2,2	4,0	5,5	7,5	11,0		15,0	L _{w6} druckseitig outlet	0	-9	-11	-7	-7	-9	-11	-14	-18	-4

BXV / BXV-R / BXV-BD / BXV-PM 630-150-10

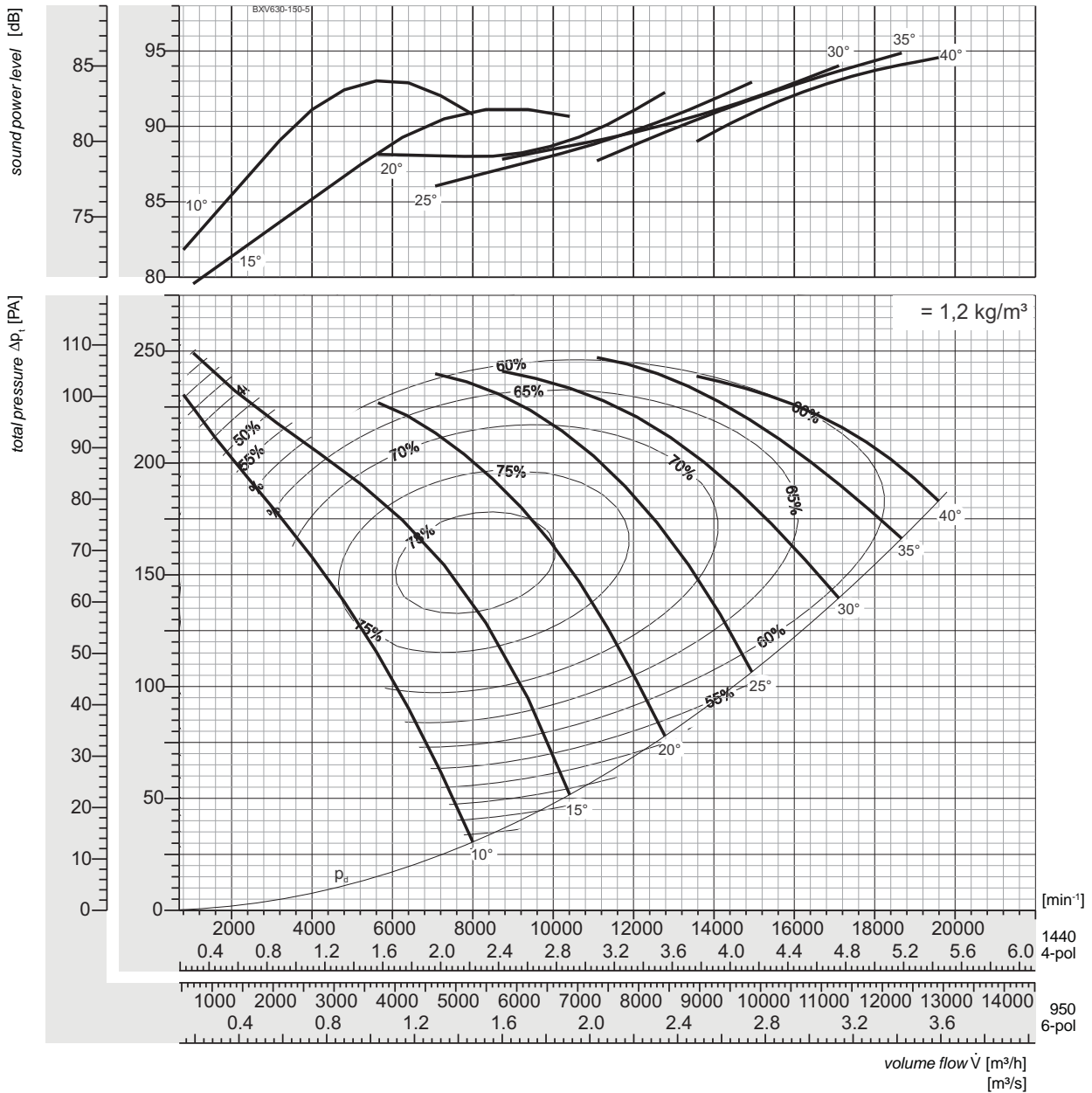
Performance curve



n [min ⁻¹]	Peak absorbed power							relative frequency spectrum ΔL in dB/Okt									
	pitch angle [°]							Octave b. midfr. [Hz]									
	10	15	20	25	30	35	40	Total	63	125	250	500	1k	2k	4k	8k	dBA
950	0,14	0,21	0,30	0,40	0,52	0,66	0,81	L _{w5} saugseitig inlet									
	0,37			0,55		0,75	1,1	L _{w6} druckseitig outlet									
1440	0,47	0,72	1,06	1,40	1,82	2,29	2,83	L _{w5} saugseitig inlet									
	0,55	0,75	1,1	1,5	2,2	3,0		L _{w6} druckseitig outlet									

BXV / BXV-R / BXV-BD / BXV-PM 630-150-5

Performance curve



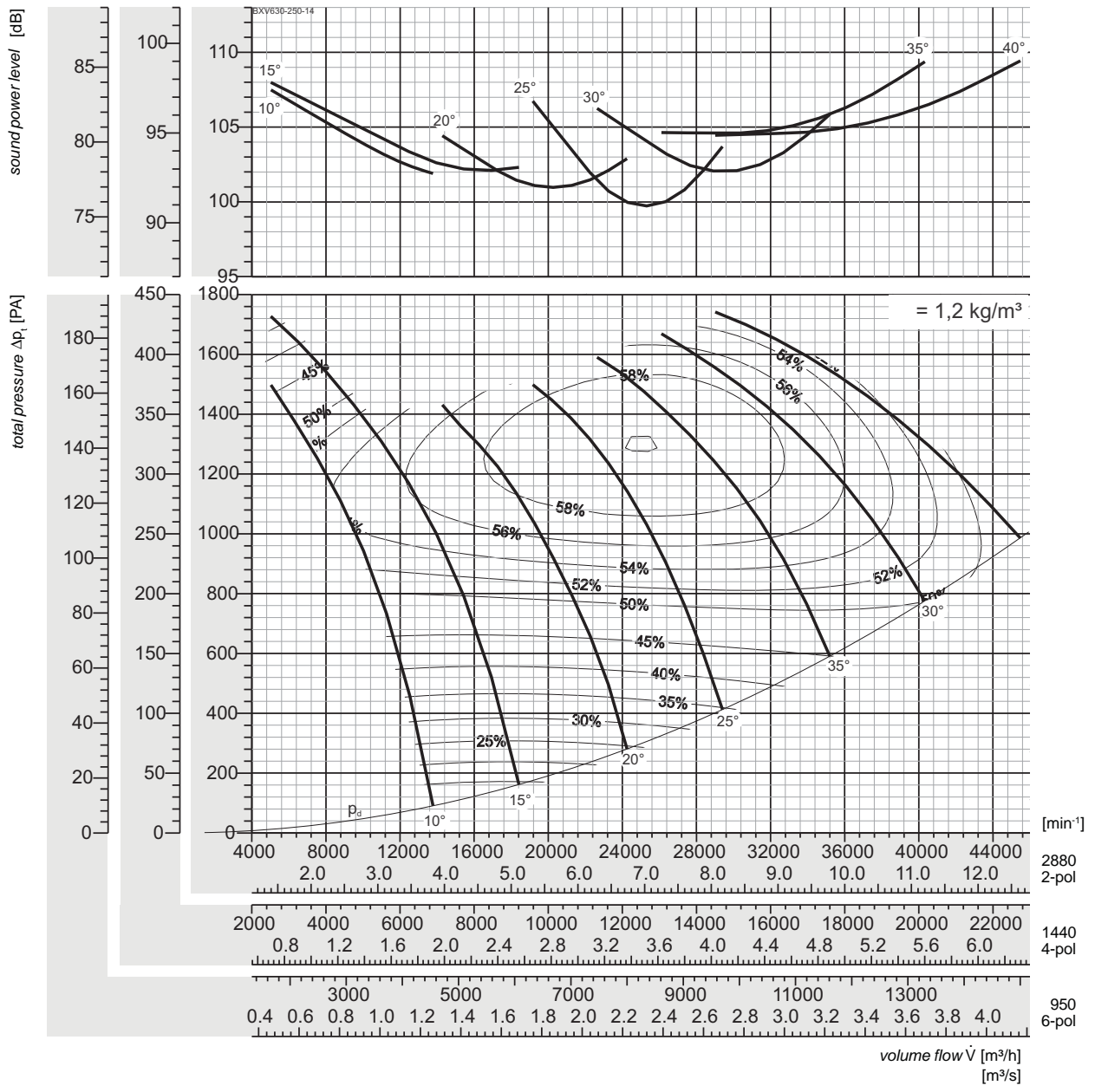
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	Winkel / pitch angle [°]								Oktavb.-Mittenfr. / Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950	0,07	0,12	0,17	0,24	0,32	0,41	0,51	L_{w5} saugseitig inlet	-0	-4	-9	-9	-7	-12	-16	-20	-32	-6
motor	0,37					0,55		L_{w6} druckseitig outlet	0	-5	-11	-8	-6	-9	-15	-19	-26	-4
1440	0,24	0,40	0,60	0,85	1,11	1,44	1,79	L_{w5} saugseitig inlet	0	-6	-5	-10	-10	-10	-13	-16	-25	-6
motor	0,37	0,55	0,75	1,1	1,5		2,2	L_{w6} druckseitig outlet	0	-7	-6	-11	-11	-11	-13	-15	-23	-6

BXV / BXV-R / BXV-BD / BXV-PM 630-250-14

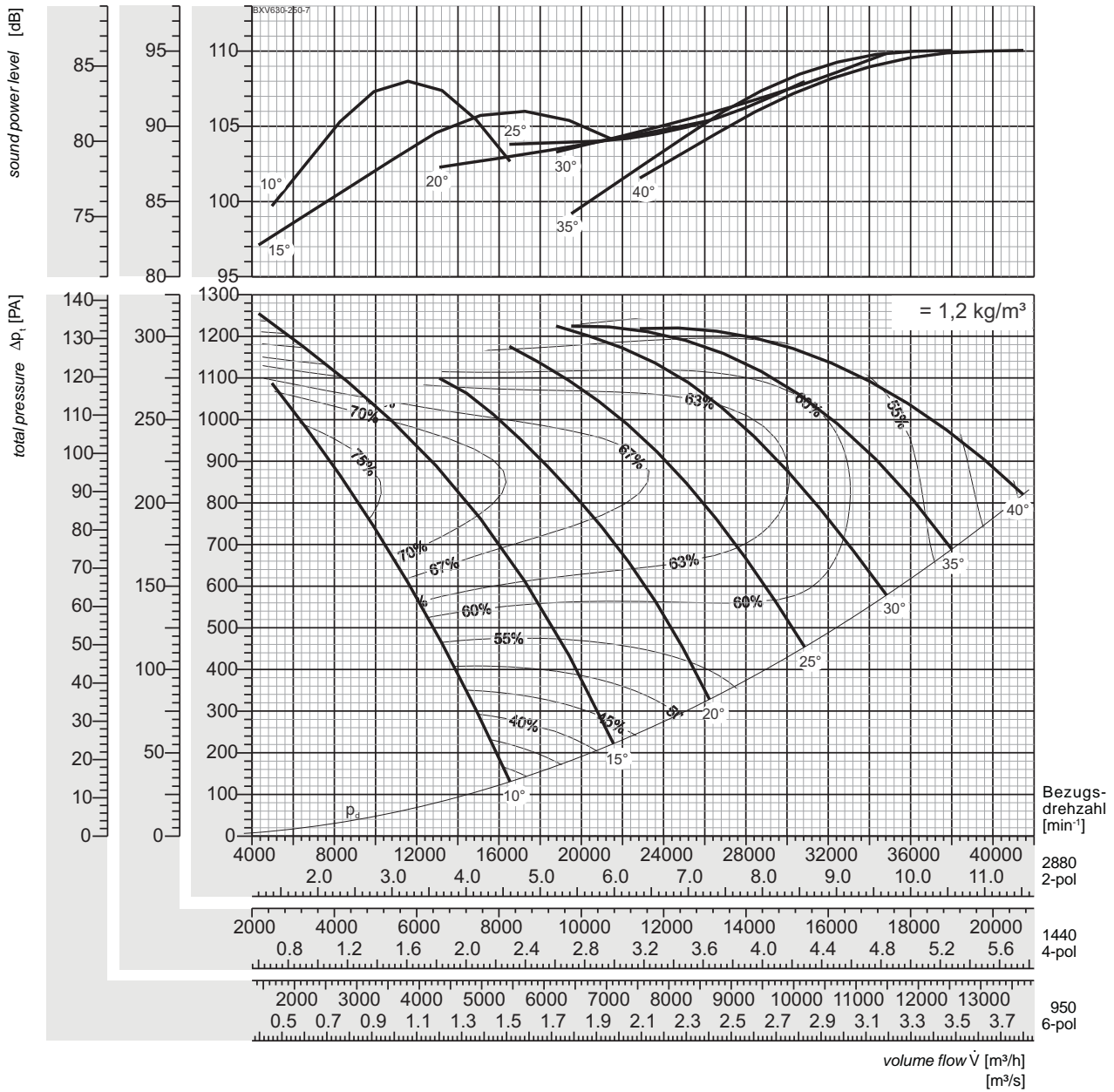
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]								relative frequency spectrum ΔL in dB/Okt									
	pitch angle [°]								Octave b. midfr. [Hz]									
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k	8k	dBA
950	0,18	0,26	0,38	0,49	0,64	0,81	1,02	L _{w5} saugseitig inlet	-2	-10	-14	-7	-6	-10	-14	-18	-33	-5
motor	0,37		0,55		0,75	1,1		L _{w6} druckseitig outlet	0	-7	-12	-8	-7	-10	-14	-19	-25	-5
1440	0,63	0,90	1,33	1,70	2,24	2,81	3,54	L _{w5} saugseitig inlet	1	-14	-15	-9	-5	-8	-12	-15	-28	-4
motor	0,75	1,1	1,5	2,2	3,0		4,0	L _{w6} druckseitig outlet	0	-9	-12	-8	-7	-10	-11	-14	-23	-5
2880	5,05	7,17	10,64	13,61	17,95	22,47	28,34	L _{w5} saugseitig inlet	0	-13	-16	-13	-6	-6	-9	-13	-19	-2
motor	5,5	7,5	11,0	15,0	18,5	-	-	L _{w6} druckseitig outlet	0	-8	-11	-11	-7	-6	-7	-10	-16	-1

BXV / BXV-R / BXV-BD / BXV-PM 630-250-7

Performance curve



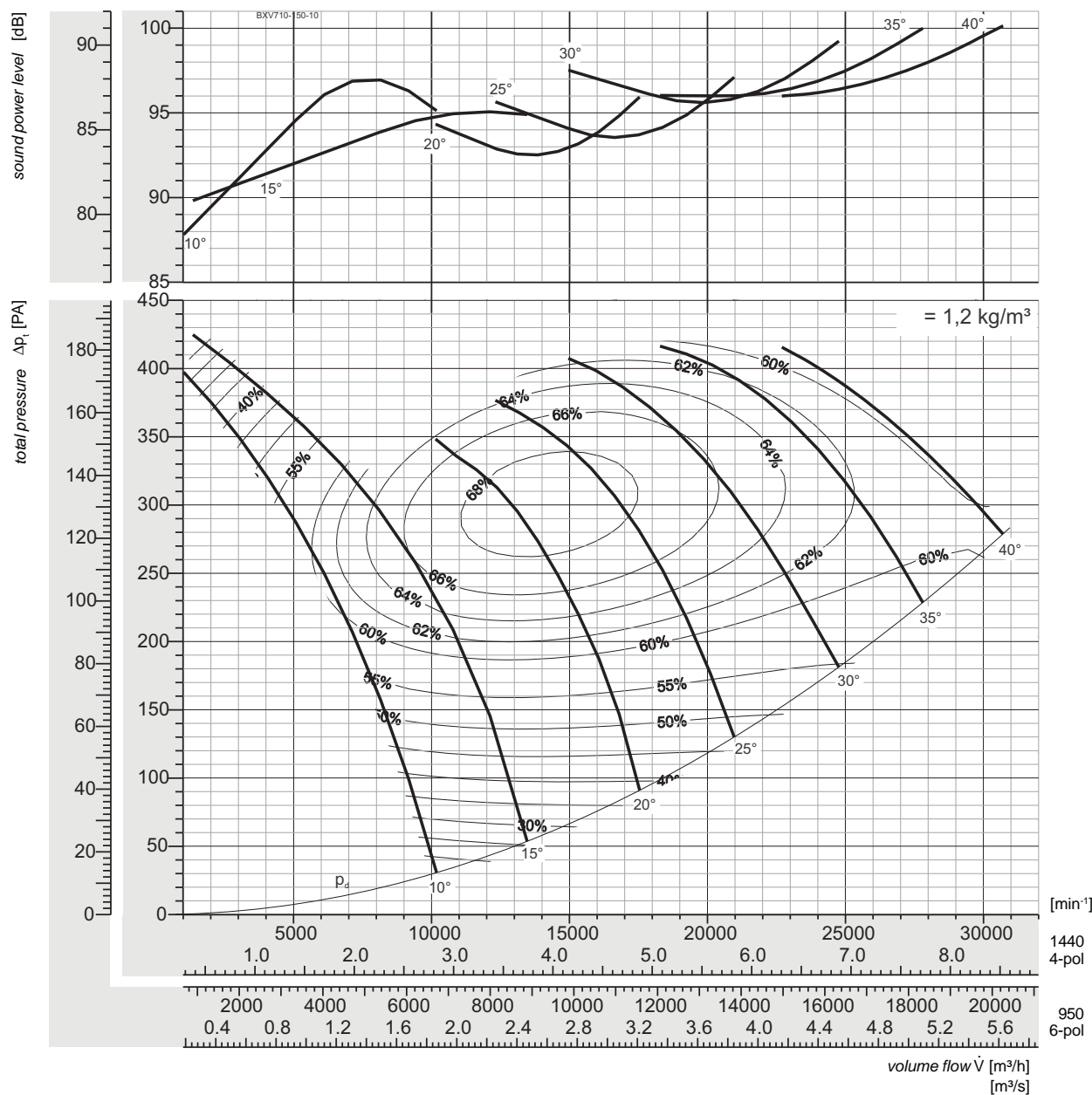
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950	0,11	0,17	0,25	0,33	0,43	0,56	0,71	L_{w5} saugseitig inlet	-2	-8	-7	-9	-8	-11	-15	-20	-31	-6
	0,37				0,55	0,75		L_{w6} druckseitig outlet	0	-6	-8	-9	-7	-10	-13	-19	-26	-5
1440	0,39	0,58	0,87	1,17	1,49	1,94	2,48	L_{w5} saugseitig inlet	-2	-9	-9	-7	-7	-10	-13	-17	-24	-5
	0,55	0,75	1,1	1,5		2,2	3,0	L_{w6} druckseitig outlet	0	-7	-8	-10	-11	-13	-14	-16	-22	-8
2880	3,08	4,62	6,98	9,32	11,9	15,6	19,8	L_{w5} saugseitig inlet	0	-10	-16	-7	-7	-10	-14	-18	-22	-6
	4,0	5,5	7,5	11,0	15,0	18,5	22,0	L_{w6} druckseitig outlet	0	-9	-11	-7	-8	-9	-11	-14	-18	-5

BXV / BXV-R / BXV-BD / BXV-PM 710-150-10

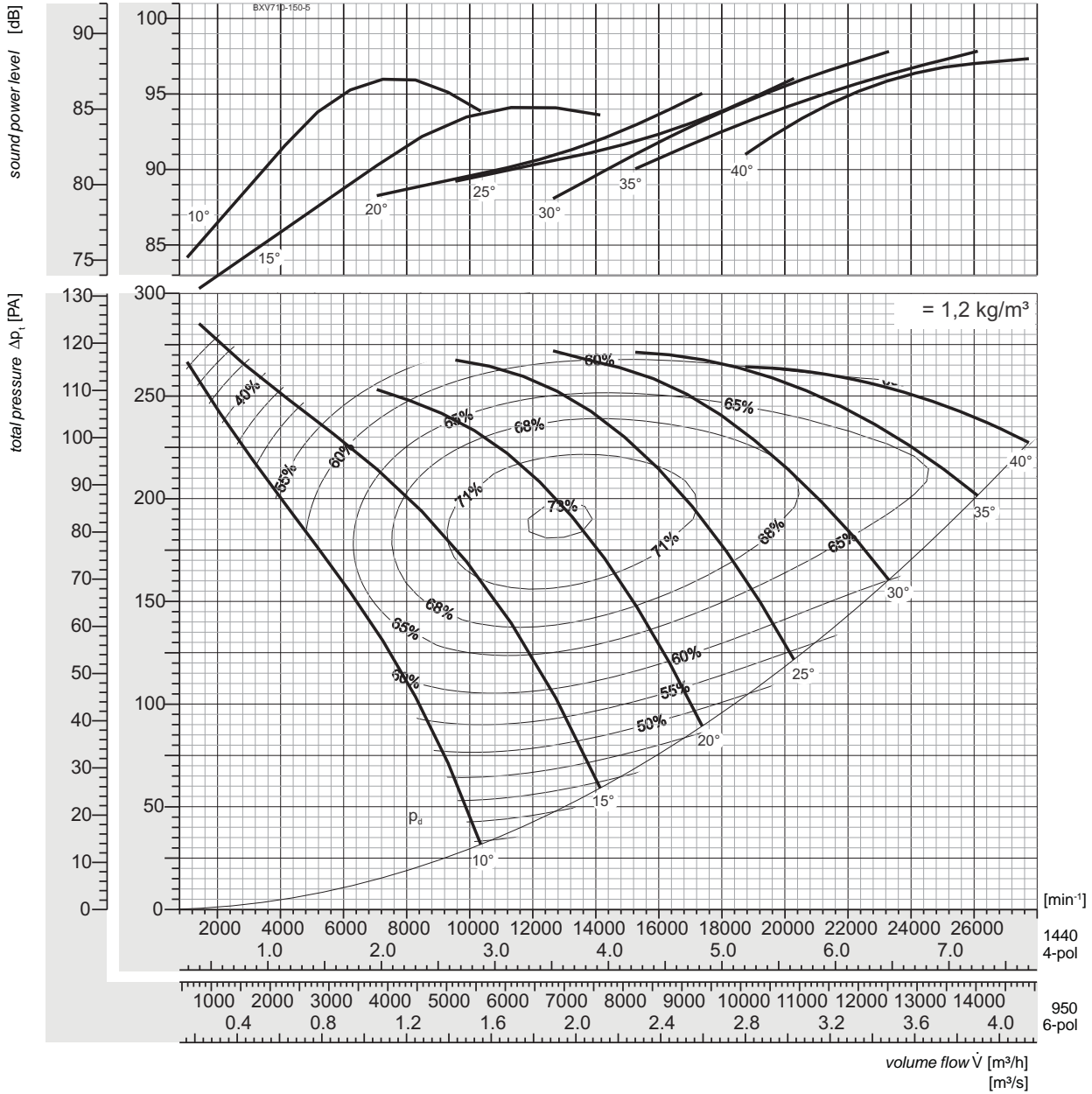
Performance curve



n [min⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	Winkel / pitch angle [°]							Octave b. midfr. [Hz]										
	10	15	20	25	30	35	40	Total	63	125	250	500	1k	2k	4k	8k	dBA	
950	0,21	0,30	0,45	0,62	0,82	1,05	1,29	L_{w5} saugseitig inlet	-2	-9	-9	-8	-6	-12	-17	-21	-33	-6
motor	0,37		0,55	0,75	1,1		1,5	L_{w6} druckseitig outlet	0	-7	-10	-9	-6	-9	-13	-17	-27	-4
1440	0,72	1,03	1,55	2,16	2,85	3,66	4,48	L_{w5} saugseitig inlet	-1	-10	-15	-7	-7	-9	-14	-17	-24	-5
motor	0,75	1,1	2,2		3,0	4,0	-	L_{w6} druckseitig outlet	0	-9	-14	-10	-8	-9	-11	-14	-21	-5

BXV / BXV-R / BXV-BD / BXV-PM 710-150-5

Performance curve



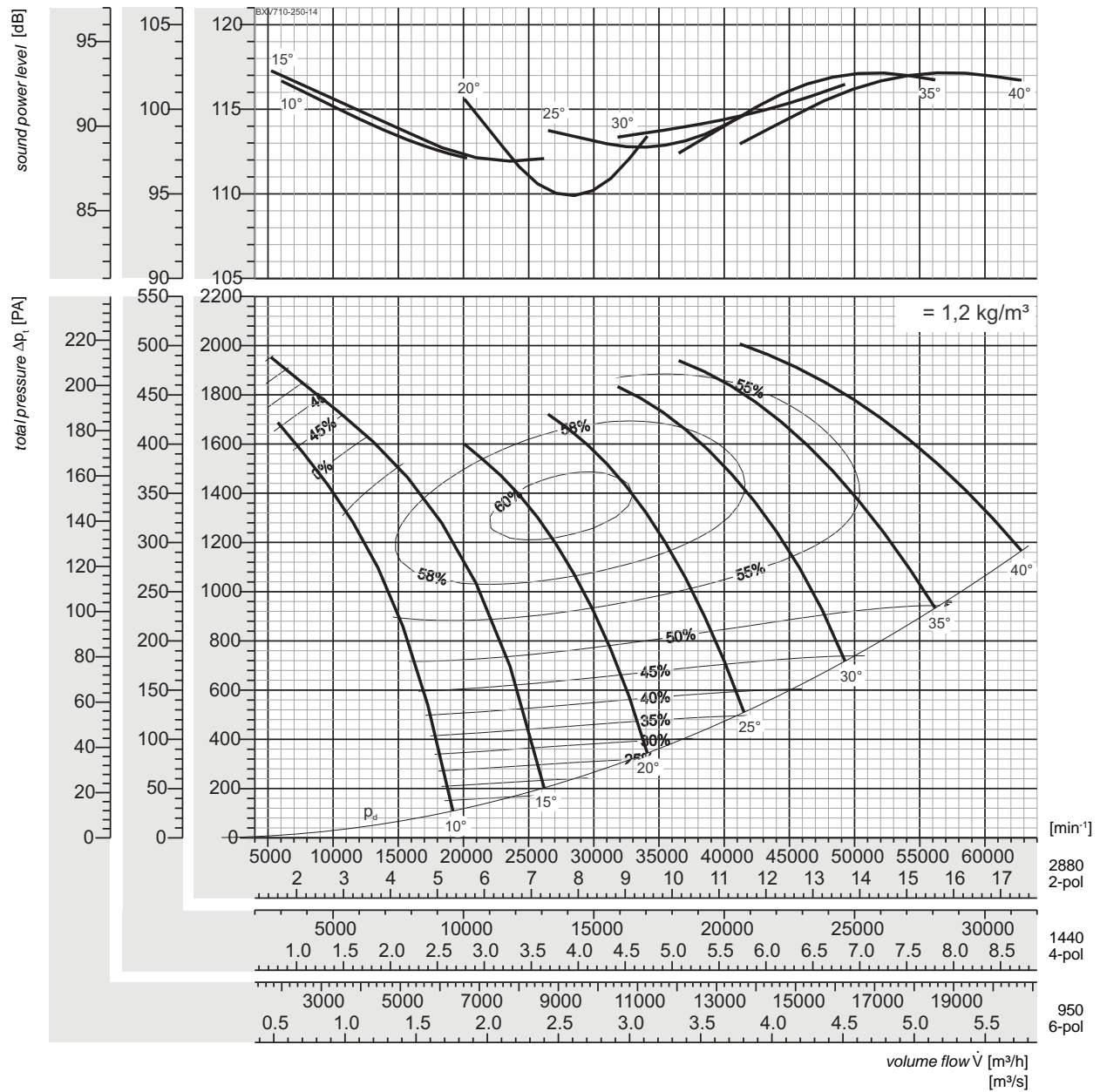
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950	0,12	0,19	0,28	0,39	0,51	0,64	0,80	L_{w5} saugseitig inlet	-3	-4	-9	-11	-6	-12	-17	-21	-32	-7
motor	0,37			0,55		0,75	1,1	L_{w6} druckseitig outlet	0	-5	-12	-11	-5	-10	-16	-20	-27	-5
1440	0,42	0,67	0,98	1,36	1,77	2,22	2,77	L_{w5} saugseitig inlet	0	-7	-5	-10	-10	-11	-14	-16	-25	-7
motor	0,55	0,75	1,1	1,5	2,2	3,0		L_{w6} druckseitig outlet	0	-8	-5	-10	-11	-11	-13	-15	-21	-6

BXV / BXV-R / BXV-BD / BXV-PM 710-250-14

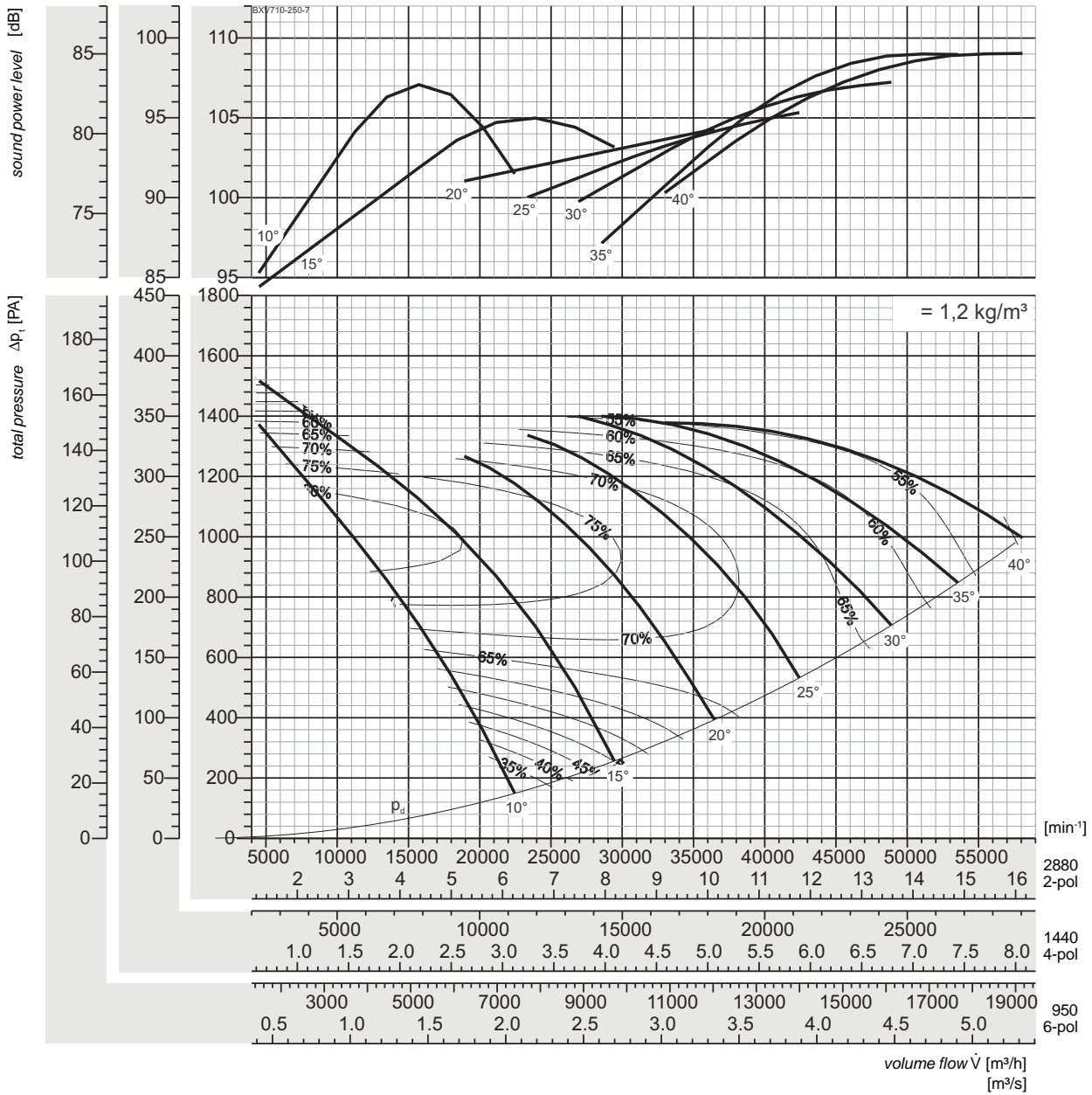
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]									dBA
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k	8k		
950	0,26	0,41	0,60	0,79	1,06	1,36	1,65	L_{w5} saugseitig inlet	-2	-9	-13	-8	-6	-11	-15	-19	-34	-5
motor	0,37	0,55	0,75	1,1	1,5	2,2	L_{w6} druckseitig outlet	0	-7	-13	-9	-6	-10	-13	-18	-25	-5	
1440	0,90	1,41	2,08	2,76	3,70	4,75	5,75	L_{w5} saugseitig inlet	-1	-10	-16	-8	-6	-8	-12	-16	-26	-4
motor	1,1	1,5	2,2	3,0	4,0	5,5	7,5	L_{w6} druckseitig outlet	0	-8	-12	-9	-8	-9	-11	-14	-21	-5
2880	7,23	11,3	16,7	22,1	29,6	38,0	46,0	L_{w5} saugseitig inlet	0	-13	-16	-13	-6	-6	-9	-13	-19	-2
motor	7,5	15,0	18,5	-	-	-	-	L_{w6} druckseitig outlet	0	-8	-11	-11	-7	-6	-7	-10	-16	-1

BXV / BXV-R / BXV-BD / BXV-PM 710-250-7

Performance curve



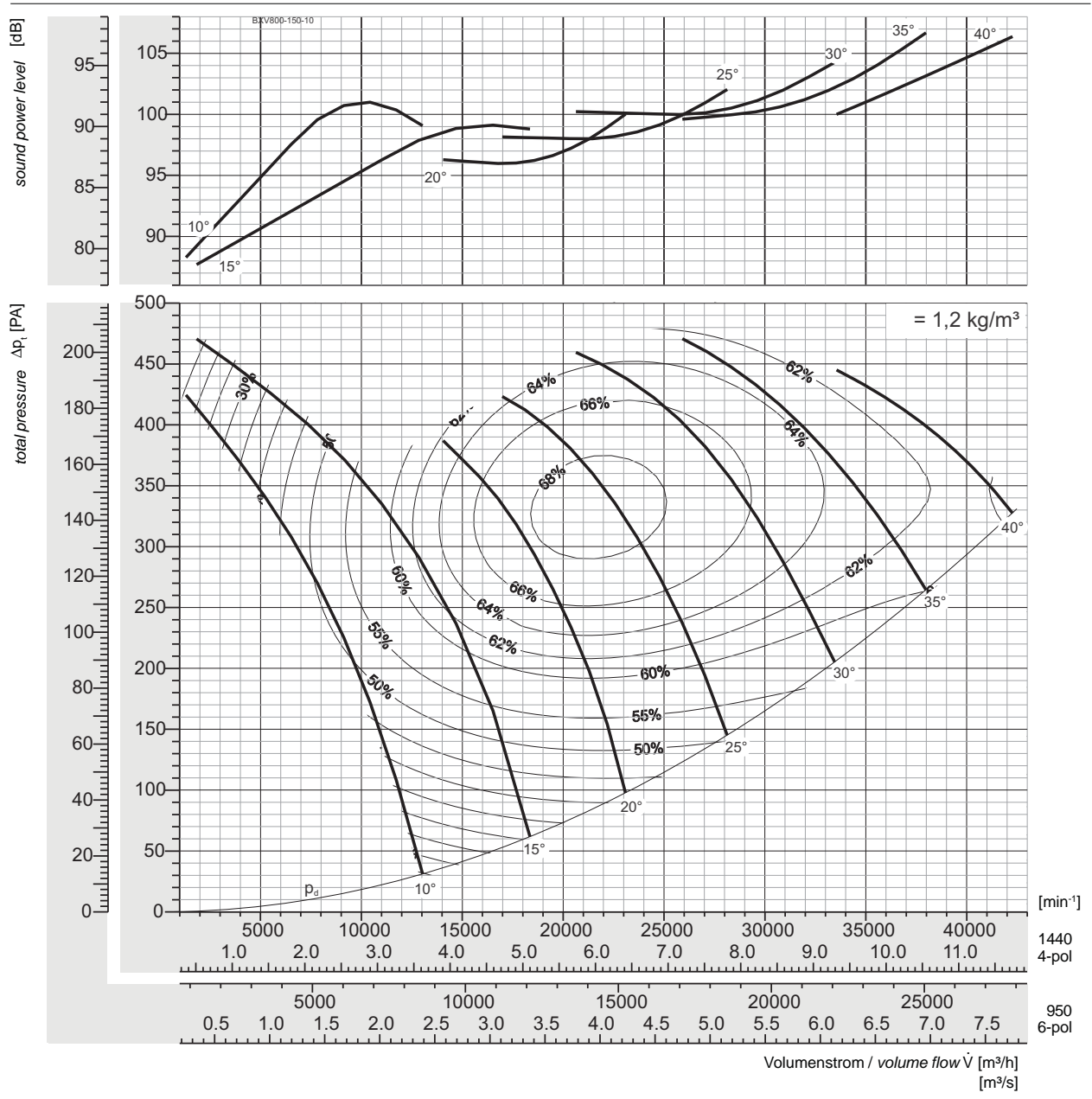
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950	0,16	0,24	0,37	0,50	0,67	0,87	1,15	L_{w5} saugseitig inlet	-3	-6	-7	-11	-7	-12	-16	-20	-34	-7
	0,37			0,55	0,75	1,1	1,5		L_{w6} druckseitig outlet	0	-7	-8	-11	-7	-10	-14	-18	-26
1440	0,55	0,84	1,28	1,74	2,35	3,03	3,99	L_{w5} saugseitig inlet	-2	-8	-9	-7	-8	-12	-15	-18	-29	-6
	0,75	1,1	1,5	2,2	3,0	4,0	L_{w6} druckseitig outlet		0	-7	-8	-10	-10	-11	-13	-16	-22	-7
2880	4,44	6,74	10,2	14,0	18,8	24,2	31,9	L_{w5} saugseitig inlet	0	-10	-16	-7	-7	-10	-14	-18	-22	-6
	5,5	7,5	11,0	15,0	22,0	-	-		L_{w6} druckseitig outlet	0	-9	-11	-7	-8	-9	-11	-14	-18

BXV / BXV-R / BXV-BD / BXV-PM 800-150-10

Performance curve

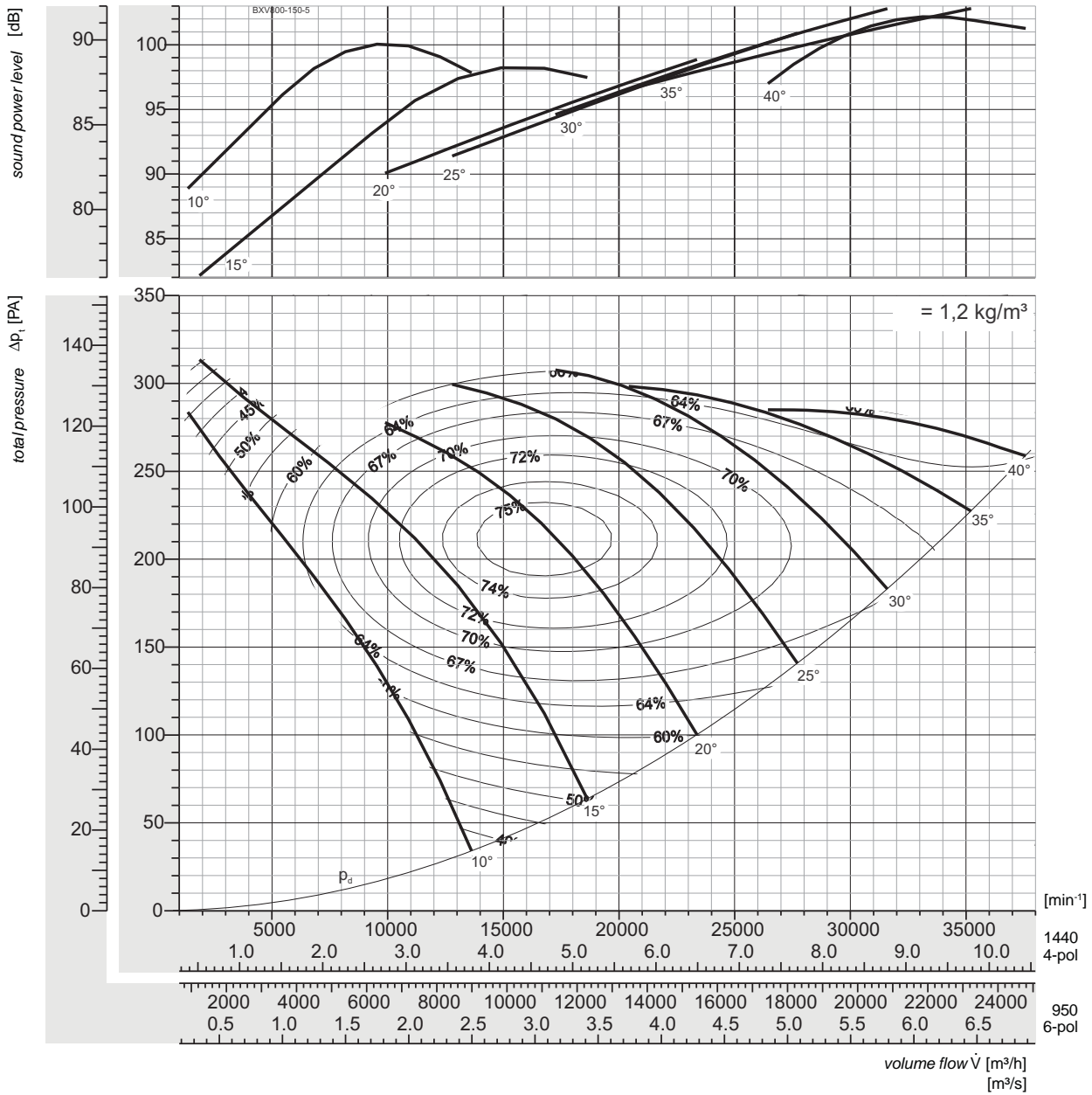


n [min ⁻¹]	Peak absorbed power [kW]								relative frequency spectrum ΔL in dB/Okt									
	pitch angle [°]								Octave b. midfr. [Hz]									
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k	8k	dBA
950	0,35	0,50	0,70	0,93	1,25	1,58	1,98	L _{w5} saugseitig inlet	-1	-10	-9	-8	-6	-12	-16	-21	-36	-6
motor	0,4	0,6	0,8	1,1	1,5	2,2		L _{w6} druckseitig outlet	0	-7	-10	-9	-6	-9	-13	-17	-26	-4
1440	1,24	1,76	2,44	3,24	4,34	5,52	6,90	L _{w5} saugseitig inlet	-1	-11	-14	-6	-7	-10	-14	-17	-25	-5
motor	1,5	2,2	3,0	4,0	-	-	-	L _{w6} druckseitig outlet	0	-10	-12	-9	-9	-10	-12	-15	-22	-7

- DECORATIVE FANS
- WALL MOUNTED FANS
- DUCT FANS
- DIDW FANS
- SISW FANS
- ROOF TOP FANS
- AXIAL IN LINE FANS
- SOMKE FANS
- ACCESSORIES

BXV / BXV-R / BXV-BD / BXV-PM 800-150-5

Performance curve



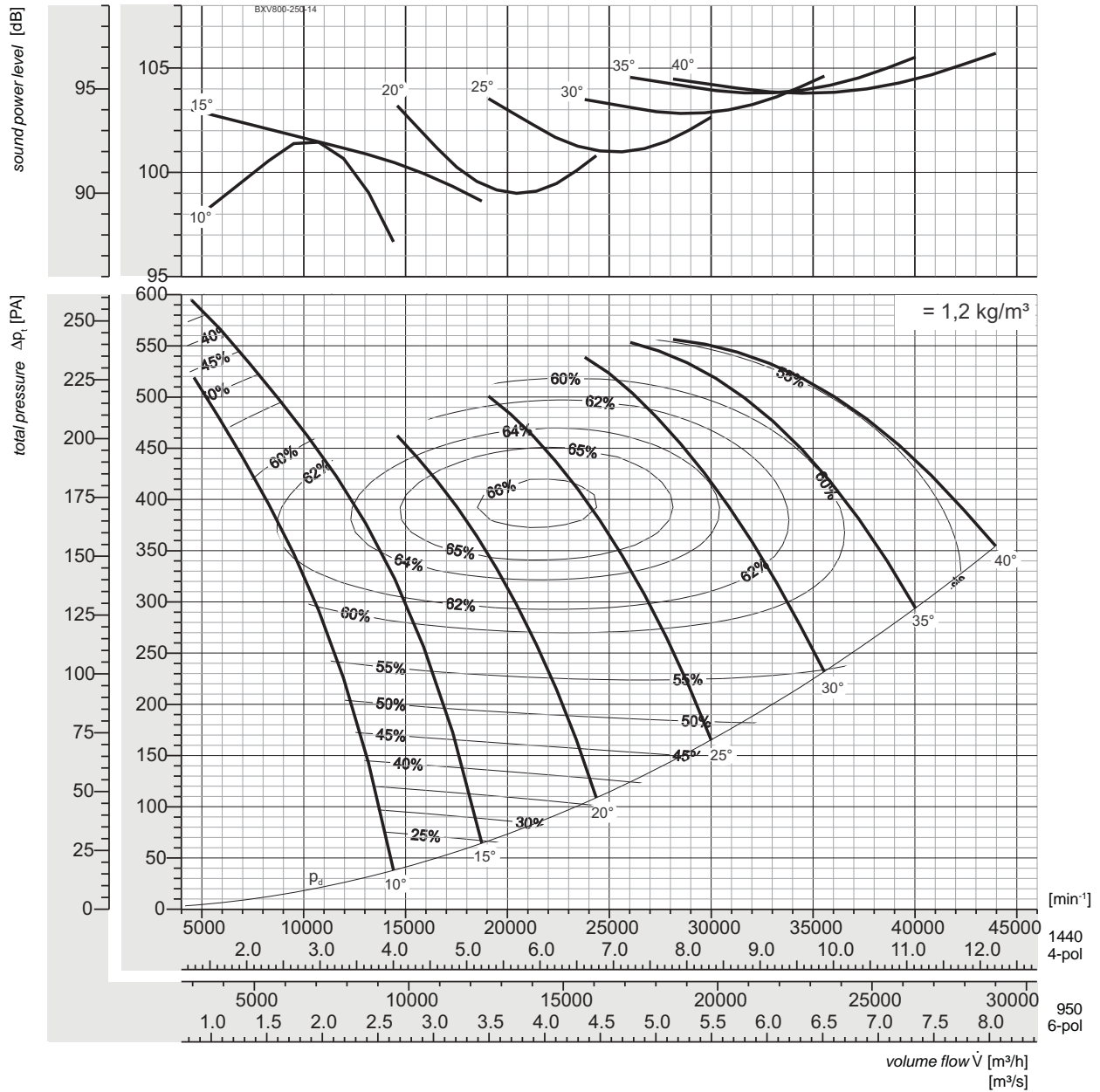
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]									dBA
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k	8k	
950	0,18	0,27	0,41	0,56	0,73	0,97	1,25	L_{w5} saugseitig inlet	-2	-5	-10	-10	-6	-11	-15	-20	-32	-6
motor	0,37		0,55	0,75		1,1	1,5	L_{w6} druckseitig outlet	0	-4	-11	-11	-5	-9	-15	-19	-27	-5
1440	0,62	0,93	1,41	1,97	2,55	3,37	4,37	L_{w5} saugseitig inlet	1	-8	-5	-8	-10	-12	-15	-17	-25	-7
motor	0,75	1,1	1,5	2,2	3,0	4,0	-	L_{w6} druckseitig outlet	0	-11	-5	-11	-11	-12	-13	-15	-21	-7

BXV / BXV-R / BXV-BD / BXV-PM 800-250-14

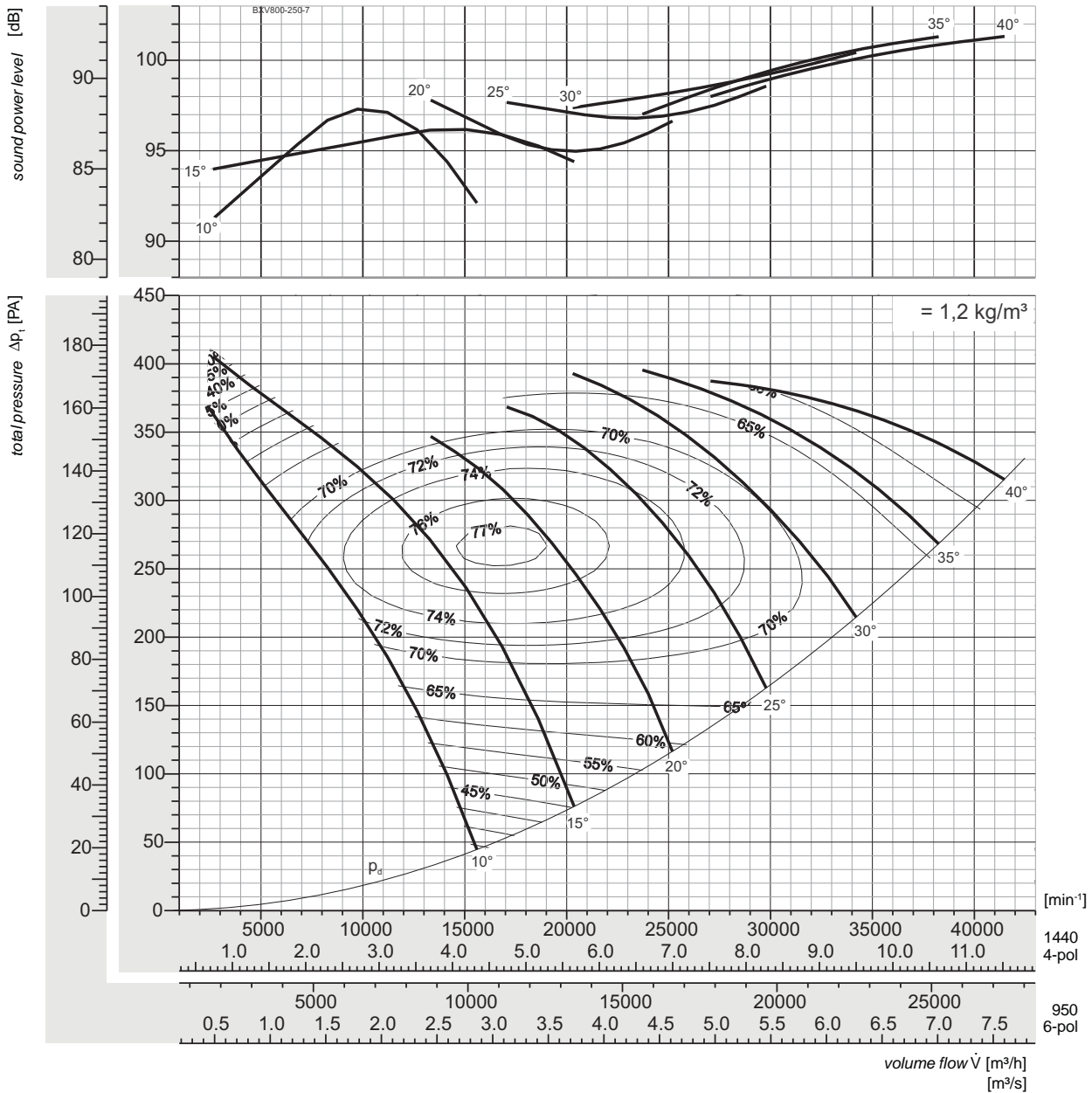
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k	8k		
950	0,43	0,70	0,85	1,22	1,67	2,14	2,59	L_{w5} saugseitig inlet	-2	-8	-14	-7	-6	-8	-13	-18	-31	-4
motor	0,55	0,75	1,1	1,5	2,2		3,0	L_{w6} druckseitig outlet	0	-6	-13	-8	-6	-10	-12	-17	-26	-5
1440	1,50	2,43	2,95	4,25	5,83	7,45	9,03	L_{w5} saugseitig inlet	-1	-10	-16	-10	-5	-7	-10	-15	-23	-3
motor	1,5	3,0		5,5	7,5		11,0	L_{w6} druckseitig outlet	0	-11	-14	-10	-8	-8	-9	-13	-20	-4

BXV / BXV-R / BXV-BD / BXV-PM 800-250-7

Performance curve



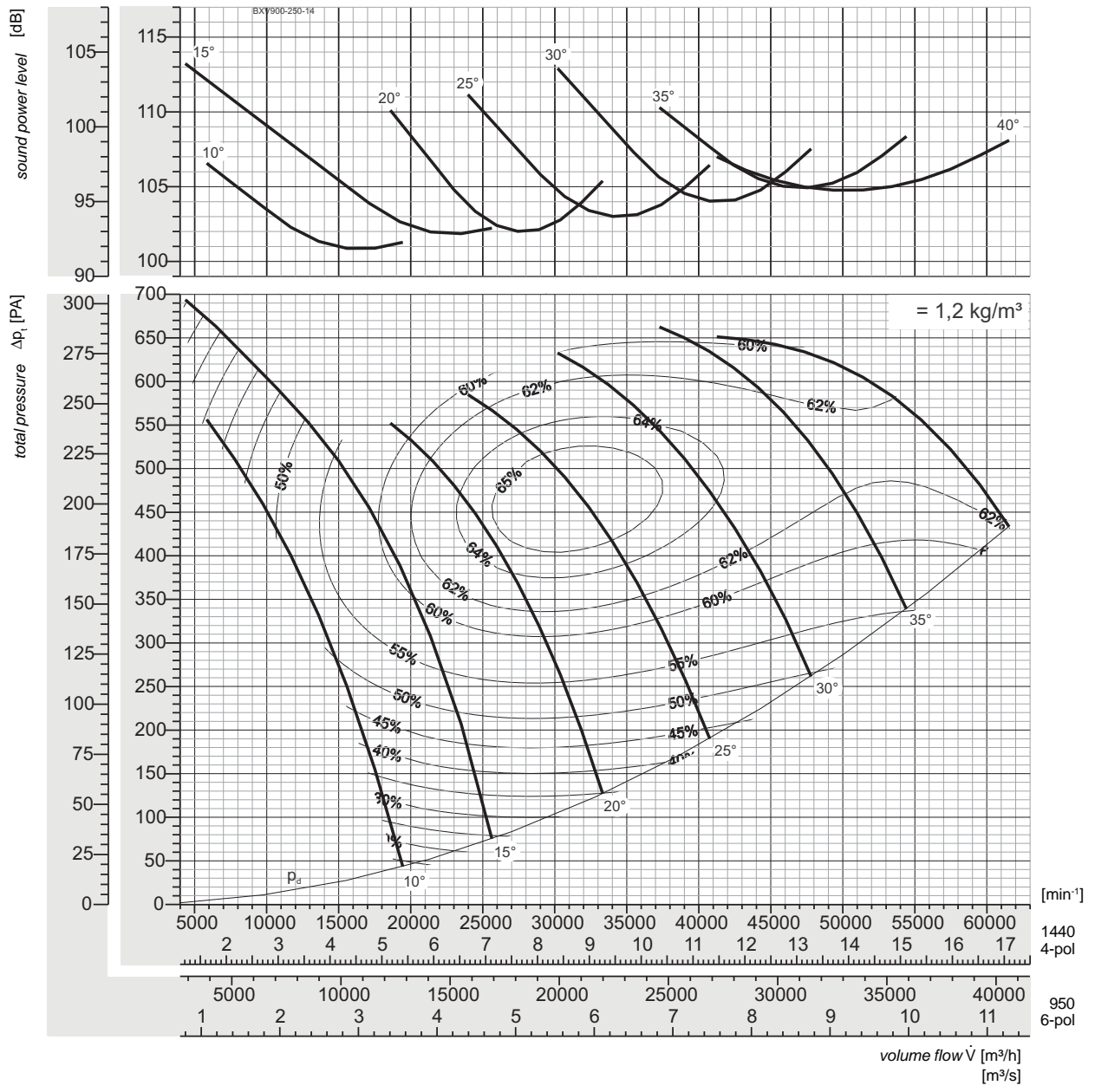
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]									dBA
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k	8k	
950	0,24	0,39	0,56	0,79	1,03	1,35	1,86	L_{w5} saugseitig inlet	-2	-5	-6	-8	-8	-12	-15	-19	-32	-7
motor	0,37	0,55	0,75	1,1		1,5	2,2	L_{w6} druckseitig outlet	0	-6	-8	-8	-8	-10	-14	-17	-25	-6
1440	0,85	1,35	1,94	2,74	3,59	4,71	6,49	L_{w5} saugseitig inlet	-2	-8	-9	-8	-7	-10	-13	-17	-26	-5
motor	1,1	1,5	2,2	3,0	4,0	5,5	7,5	L_{w6} druckseitig outlet	0	-10	-8	-10	-9	-10	-12	-15	-21	-6

BXV / BXV-R / BXV-BD / BXV-PM 900-250-14

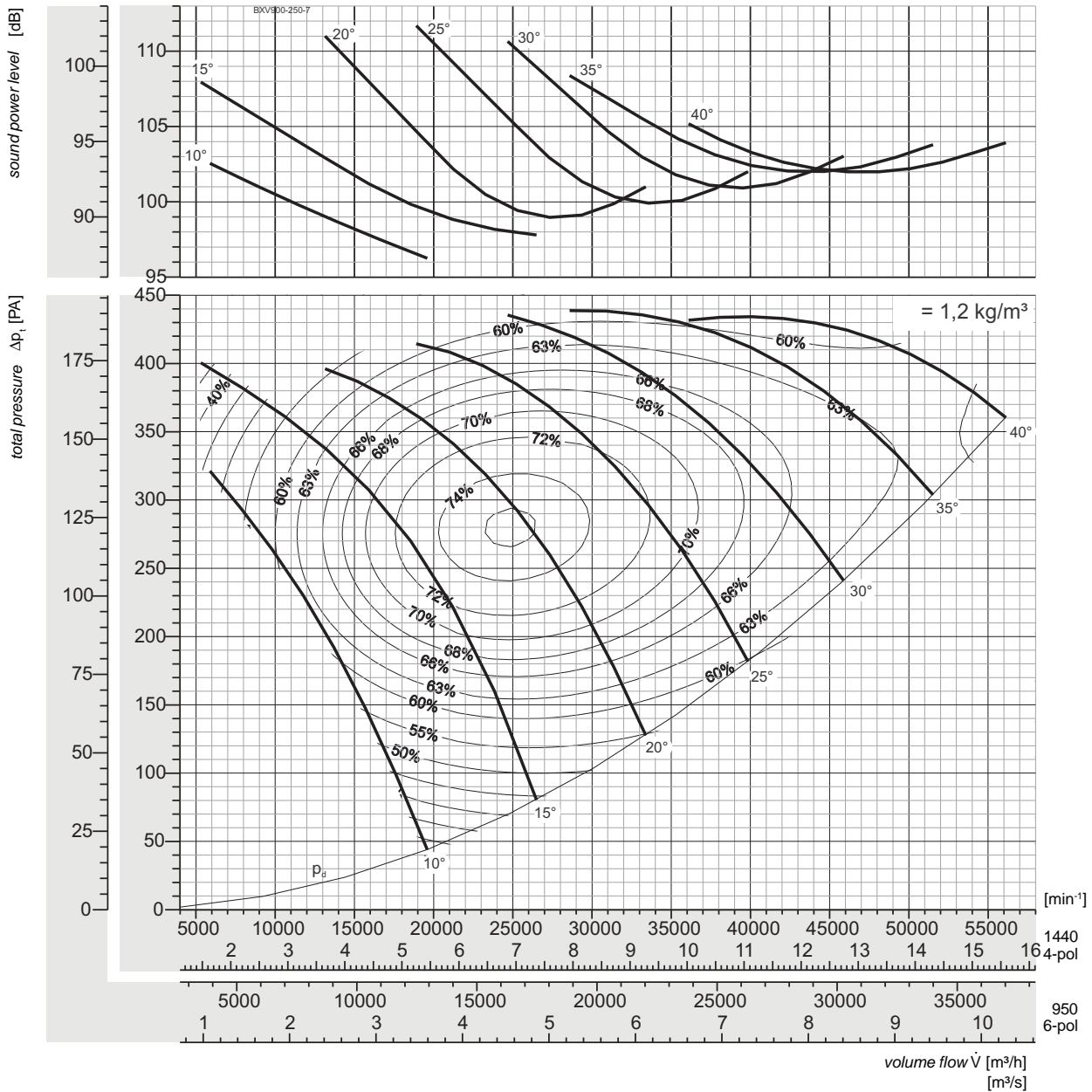
Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt										
	pitch angle [°]							Total	Octave b. midfr. [Hz]							dBA		
	10	15	20	25	30	35	40		63	125	250	500	1k	2k	4k		8k	
950	0,74	1,08	1,43	1,93	2,59	3,30	4,01	L _{w5} saugseitig inlet	-2	-8	-15	-5	-7	-8	-12	-17	-28	-4
motor	0,75	1,1	1,5	2,2	3,0	4,0	5,5	L _{w6} druckseitig outlet	0	-6	-13	-7	-9	-10	-14	-19	-27	-6
1440	2,58	3,78	4,99	6,72	9,04	11,5	14,0	L _{w5} saugseitig inlet	-1	-13	-19	-11	-5	-7	-10	-15	-23	-3
motor	3,0	4,0	5,5	7,5	11,0	15,0		L _{w6} druckseitig outlet	0	-12	-16	-12	-6	-6	-9	-15	-22	-3

BXV / BXV-R / BXV-BD / BXV-PM 900-250-7

Performance curve



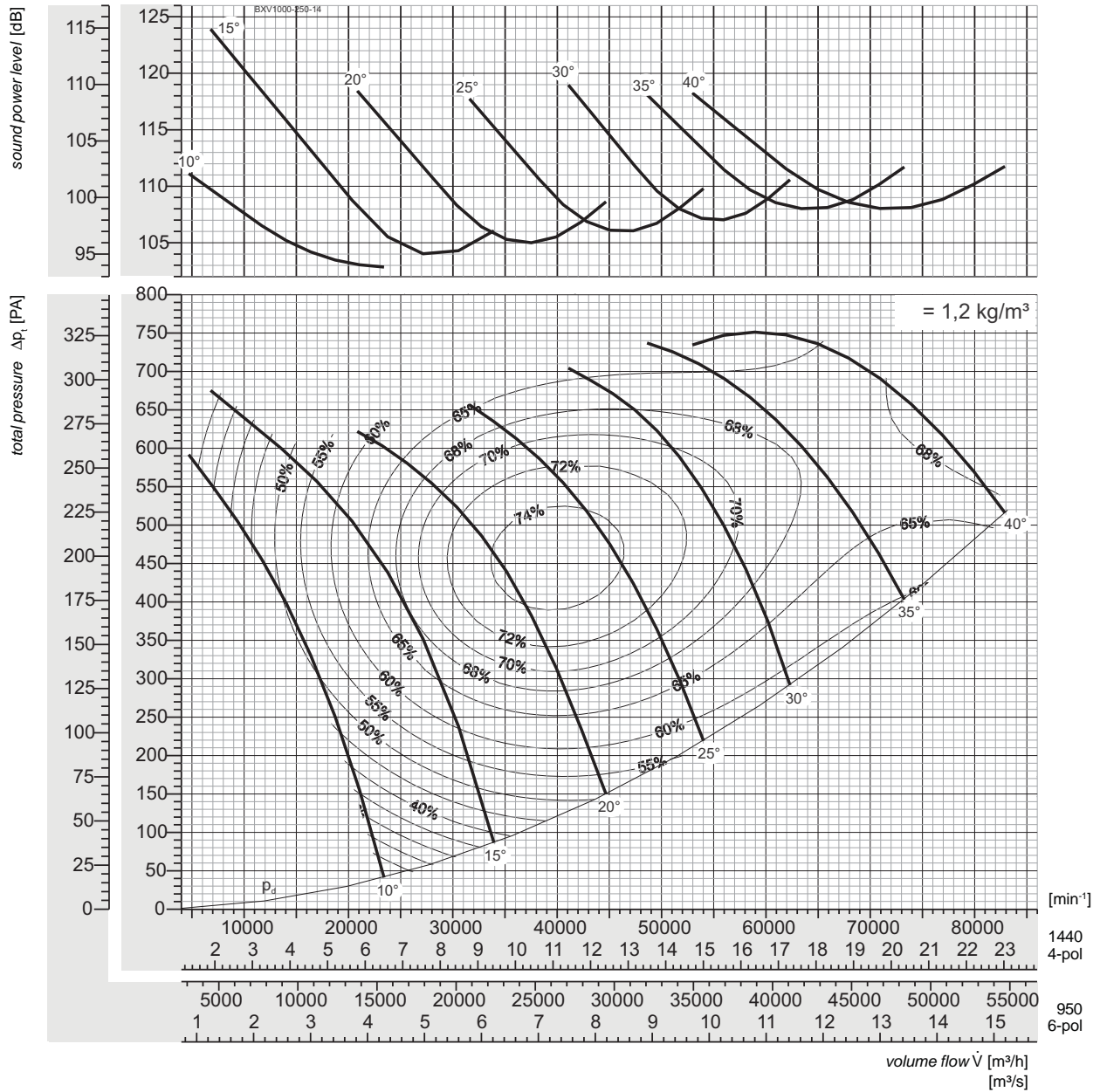
Peak absorbed power [kW]

relative frequency spectrum ΔL in dB/Okt

n [min ⁻¹]	pitch angle [°]								Octave b. midfr. [Hz]								dBA	
	10	15	20	25	30	35	40		Total	63	125	250	500	1k	2k	4k		8k
950	0,35	0,55	0,83	1,17	1,58	2,08	2,66	L_{w5} saugseitig inlet	-1	-7	-8	-7	-8	-11	-14	-18	-28	-6
motor	0,37	0,55	1,1	1,5	2,2		3,0	L_{w6} druckseitig outlet	0	-7	-7	-7	-9	-11	-13	-17	-24	-5
1440	1,23	1,93	2,90	4,06	5,49	7,24	9,28	L_{w5} saugseitig inlet	-1	-10	-10	-9	-6	-8	-12	-16	-24	-4
motor	1,5	2,2	3,0	5,5		7,5	11,0	L_{w6} druckseitig outlet	0	-10	-9	-9	-8	-9	-12	-15	-22	-5

BXV / BXV-R / BXV-BD / BXV-PM 1000-250-14

Performance curve



n [min ⁻¹]	Peak absorbed power [kW]							relative frequency spectrum ΔL in dB/Okt									
	pitch angle [°]							Octave b. midfr. [Hz]									
	10	15	20	25	30	35	40	Total	63	125	250	500	1k	2k	4k	8k	dBA
950	0,90	1,34	1,84	2,57	3,63	4,58	5,83	L_{w5} saugseitig inlet									
motor	1,1	1,5	2,2	3,0	4,0	5,5	7,5	L_{w6} druckseitig outlet									
1440	3,14	4,66	6,39	8,96	12,6	15,9	20,3	L_{w5} saugseitig inlet									
motor	4,0	5,5	7,5	11,0	15,0	18,5	22,0	L_{w6} druckseitig outlet									