



HLB 1210

Pressure

Δp (mbar)	Type rpm	DN50								
		1500	1800	2200	2600	3000	3600	4000	4400	
300	Q	m ³ /h	87	114	150	187	223	278	315	351
	DT	°C	39	36	33	31	30	29	28	28
	P _k	kW	1,2	1,4	1,8	2,2	2,6	3,3	3,8	4,3
	P _{motor}	kW	1,5	2,2	2,2	3	4	4	5,5	5,5
	Lp(A) _{w.o.H}	dB	<70	70	74	76	79	82	84	85
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
400	Q	m ³ /h	78	105	141	178	214	269	306	342
	DT	°C	57	51	46	44	42	40	39	39
	P _k	kW	1,6	1,9	2,4	2,8	3,3	4,2	4,8	5,4
	P _{motor}	kW	2,2	3	3	4	4	5,5	7,5	7,5
	Lp(A) _{w.o.H}	dB	<70	72	75	78	80	83	85	87
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
500	Q	m ³ /h	73	100	137	173	210	264	301	337
	DT	°C	78	68	61	57	54	51	50	49
	P _k	kW	2,0	2,4	2,9	3,5	4,1	5,1	5,8	6,5
	P _{motor}	kW	3	3	4	5,5	5,5	7,5	7,5	11
	Lp(A) _{w.o.H}	dB	70	73	76	79	82	85	87	88
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
600	Q	m ³ /h	91	128	164	201	255	292	328	388
	DT	°C	87	77	71	67	63	62	60	60
	P _k	kW	2,8	3,5	4,2	4,9	6,0	6,8	7,7	8,7
	P _{motor}	kW	4	5,5	5,5	7,5	7,5	11	11	11
	Lp(A) _{w.o.H}	dB	74	78	81	83	86	88	90	90
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
700	Q	m ³ /h			123	160	196	251	287	324
	DT	°C			93	85	80	75	73	71
	P _k	kW			4,0	4,8	5,6	6,9	7,8	8,7
	P _{motor}	kW			5,5	7,5	7,5	11	11	11
	Lp(A) _{w.o.H}	dB			79	82	84	87	89	91
	Lp(A) _H	dB			<70	<70	<70	<70	<70	<70
800	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
900	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
1000	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.



HLB 1210

Vacuum

Δp (mbar)	Type rpm	DN50								
		1500	1800	2200	2600	3000	3600	4000	4400	
200	Q	m ³ /h	91	119	155	192	228	283	319	356
	DT	°C	31	29	27	25	25	24	24	23
	P _k	kW	0,8	1,0	1,2	1,5	1,8	2,4	2,7	3,2
	P _{motor}	kW	1,5	1,5	1,5	2,2	3	3	4	4
	Lp(A) _{w.o.H}	dB	<70	<70	73	76	78	81	83	84
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
250	Q	m ³ /h	82	96	146	182	219	274	310	347
	DT	°C	45	40	37	35	34	33	32	32
	P _k	kW	1,0	1,1	1,5	1,8	2,2	2,8	3,3	3,7
	P _{motor}	kW	1,5	1,5	2,2	3	3	4	4	5,5
	Lp(A) _{w.o.H}	dB	<70	71	74	77	79	82	84	86
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
300	Q	m ³ /h	78	105	141	178	214	269	306	342
	DT	°C	62	55	50	47	45	43	42	41
	P _k	kW	1,2	1,4	1,8	2,2	2,6	3,3	3,8	4,3
	P _{motor}	kW	1,5	2,2	3	3	4	4	5,5	5,5
	Lp(A) _{w.o.H}	dB	<70	72	75	78	81	84	86	87
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
350	Q	m ³ /h	68	96	132	169	205	260	296	333
	DT	°C	86	74	66	62	58	55	54	53
	P _k	kW	1,4	1,7	2,1	2,5	3,0	3,7	4,3	4,9
	P _{motor}	kW	2,2	2,2	3	4	4	5,5	5,5	7,5
	Lp(A) _{w.o.H}	dB	71	74	77	80	82	85	87	89
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
400	Q	m ³ /h			128	164	201	255	292	328
	DT	°C			87	80	75	71	69	67
	P _k	kW			2,4	2,8	3,3	4,2	4,8	5,4
	P _{motor}	kW			3	4	4	5,5	7,5	7,5
	Lp(A) _{w.o.H}	dB			79	81	84	87	89	90
	Lp(A) _H	dB			<70	<70	<70	<70	<70	<70
450	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW				15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
500	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN80								
		rpm	1500	1800	2200	2600	3000	3600	4000	4400
300	Q	m ³ /h	191	244	317	389	469	574	653	726
	DT	°C	37	34	32	30	30	29	28	28
	P _k	kW	2,9	3,5	4,3	5,1	5,8	6,9	7,7	8,5
	P _{motor}	kW	4	5,5	5,5	7,5	7,5	11	11	11
	Lp(A) _{w.o.H}	dB	74	77	81	84	86	89	91	92
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	70
400	Q	m ³ /h	172	231	304	376	449	561	634	713
	DT	°C	53	48	44	42	41	39	38	38
	P _k	kW	3,6	4,4	5,4	6,4	7,4	8,8	9,8	10,8
	P _{motor}	kW	5,5	5,5	7,5	11	11	11	15	15
	Lp(A) _{w.o.H}	dB	76	79	82	85	88	91	92	94
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	70	72
500	Q	m ³ /h	165	218	290	363	442	548	627	
	DT	°C	71	63	58	54	52	50	49	
	P _k	kW	4,4	5,3	6,5	7,7	8,9	10,7	11,8	
	P _{motor}	kW	5,5	7,5	11	11	11	15	15	
	Lp(A) _{w.o.H}	dB	77	80	84	87	89	92	94	
	Lp(A) _H	dB	<70	<70	<70	<70	<70	70	72	
600	Q	m ³ /h	152	205	284	356	429	541		
	DT	°C	91	80	72	67	64	61		
	P _k	kW	5,2	6,3	7,6	9,0	10,5	12,4		
	P _{motor}	kW	7,5	11	11	11	15	15		
	Lp(A) _{w.o.H}	dB	79	82	85	88	90	94		
	Lp(A) _H	dB	<70	<70	<70	<70	<70	72		
700	Q	m ³ /h		198	271	343	416			
	DT	°C		98	87	81	77			
	P _k	kW		7,2	8,8	10,3	12,0			
	P _{motor}	kW		11	11	15	15			
	Lp(A) _{w.o.H}	dB		83	87	89	92			
	Lp(A) _H	dB		<70	<70	<70	<70			
800	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
900	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
1000	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								



HLB 1221

Pressure

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN80								
		rpm	1500	1800	2200	2600	3000	3600	4000	4400
200	Q	m ³ /h	198	251	323	403	475	587	660	733
	DT	°C	29	27	26	25	24	23	23	23
	P _k	kW	2,1	2,5	3,1	3,6	4,3	5,1	5,6	6,2
	P _{motor}	kW	3	3	4	5,5	5,5	7,5	7,5	7,5
	Lp(A) _{w.o.H}	dB	73	76	80	83	85	88	90	92
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	<70
250	Q	m ³ /h	185	238	310	389	462	574	647	719
	DT	°C	41	38	36	34	33	32	31	31
	P _k	kW	2,5	3,0	3,6	4,3	5,1	6,1	6,7	7,4
	P _{motor}	kW	3	4	5,5	5,5	7,5	7,5	11	11
	Lp(A) _{w.o.H}	dB	75	78	81	84	87	90	91	93
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	71
300	Q	m ³ /h	172	224	304	376	449	561	634	706
	DT	°C	57	52	48	45	44	42	41	41
	P _k	kW	2,9	3,5	4,3	5,1	5,8	6,9	7,7	8,5
	P _{motor}	kW	4	5,5	5,5	7,5	7,5	11	11	11
	Lp(A) _{w.o.H}	dB	76	79	83	86	88	91	93	94
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	71	72
350	Q	m ³ /h	158	211	290	363	436	548	620	693
	DT	°C	77	69	62	59	56	54	53	52
	P _k	kW	3,3	4,0	4,8	5,7	6,6	7,8	8,7	9,6
	P _{motor}	kW	4	5,5	7,5	7,5	11	11	11	15
	Lp(A) _{w.o.H}	dB	78	81	84	87	90	93	94	96
	Lp(A) _H	dB	<70	<70	<70	<70	<70	71	72	73
400	Q	m ³ /h		198	277	350	422	535	607	680
	DT	°C		91	81	75	72	68	67	65
	P _k	kW		4,4	5,4	6,4	7,4	8,8	9,8	10,8
	P _{motor}	kW		5,5	7,5	11	11	11	15	15
	Lp(A) _{w.o.H}	dB		83	86	89	91	94	96	98
	Lp(A) _H	dB		<70	<70	<70	<70	72	74	76
450	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW				15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
500	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								



HLB 1221

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.



HLB 1614

Pressure

Δp (mbar)	Type rpm	DN100								
		1500	1800	2200	2600	3000	3600	4000	4400	
300	Q	m ³ /h	268	336	428	524	616	752	849	941
	DT	°C	32	31	30	29	28	27	27	27
	P _k	kW	3,0	3,7	4,7	5,7	6,8	8,7	10,2	11,8
	P _{motor}	kW	4	5,5	7,5	7,5	11	11	15	15
	Lp(A) _{w.o.H}	dB	72	75	79	83	85	89	91	93
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	71
400	Q	m ³ /h	257	325	416	507	604	741	838	929
	DT	°C	45	43	41	39	38	37	37	36
	P _k	kW	4,0	4,8	6,1	7,4	8,7	11,1	12,7	14,6
	P _{motor}	kW	5,5	7,5	7,5	11	11	15	15	18,5
	Lp(A) _{w.o.H}	dB	73	77	81	84	87	91	93	94
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	71	72
500	Q	m ³ /h	245	314	405	502	593	730	827	918
	DT	°C	59	55	52	50	49	39	47	47
	P _k	kW	4,9	6,1	7,5	9,0	10,7	13,4	15,4	17,5
	P _{motor}	kW	7,5	7,5	11	11	15	18,5	18,5	22
	Lp(A) _{w.o.H}	dB	75	78	82	86	88	92	94	96
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	72	74
600	Q	m ³ /h	234	302	393	490	581	724	815	906
	DT	°C	74	69	64	61	59	58	57	56
	P _k	kW	6,0	7,2	8,9	10,7	12,6	15,8	18,0	20,3
	P _{motor}	kW	7,5	11	11	15	15	18,5	22	30
	Lp(A) _{w.o.H}	dB	76	80	84	87	90	93	95	97
	Lp(A) _H	dB	<70	<70	<70	<70	<70	71	73	75
700	Q	m ³ /h	222	291	388	479	570	713	804	901
	DT	°C	90	83	77	73	71	68	67	66
	P _k	kW	6,9	8,4	10,4	12,4	14,6	18,1	20,5	23,2
	P _{motor}	kW	11	11	15	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	77	81	85	88	91	95	97	98
	Lp(A) _H	dB	<70	<70	<70	<70	<70	73	75	76
800	Q	m ³ /h	217	285	376	473	564	701	798	889
	DT	°C	107	97	90	85	82	79	77	76
	P _k	kW	7,9	9,5	11,8	15,0	16,5	20,4	23,1	25,9
	P _{motor}	kW	11	15	15	18,5	22	30	30	30
	Lp(A) _{w.o.H}	dB	79	82	86	89	92	96	98	100
	Lp(A) _H	dB	<70	<70	<70	<70	70	74	76	78
900	Q	m ³ /h			371	462	553	695	787	884
	DT	°C			103	97	93	90	88	86
	P _k	kW			13,2	15,8	18,4	22,7	25,7	28,8
	P _{motor}	kW			18,5	22	22	30	30	37
	Lp(A) _{w.o.H}	dB			87	90	93	97	99	101
	Lp(A) _H	dB			<70	<70	71	75	77	79
1000	Q	m ³ /h				456	547	690	781	872
	DT	°C				110	105	101	98	97
	P _k	kW				17,5	20,4	25,0	28,3	31,6
	P _{motor}	kW				22	30	30	37	37
	Lp(A) _{w.o.H}	dB				92	94	98	100	102
	Lp(A) _H	dB				<70	72	76	78	80

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type rpm	DN100								
		1500	1800	2200	2600	3000	3600	4000	4400	
200	Q	m ³ /h	274	342	433	530	621	758	855	946
	DT	°C	26	25	24	24	23	23	22	22
	P _k	kW	2,1	2,6	3,2	4,0	4,9	6,5	7,6	8,9
	P _{motor}	kW	3	4	4	5,5	7,5	11	11	11
	Lp(A) _{w.o.H}	dB	71	75	79	82	85	88	90	92
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	70
250	Q	m ³ /h	262	331	422	519	610	747	844	935
	DT	°C	36	35	33	32	31	31	30	30
	P _k	kW	2,6	3,1	4,0	4,8	5,9	7,6	8,8	10,4
	P _{motor}	kW	4	4	5,5	7,5	7,5	11	11	15
	Lp(A) _{w.o.H}	dB	72	76	80	83	86	89	92	93
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	<70	71
300	Q	m ³ /h	251	319	410	507	599	735	832	923
	DT	°C	49	46	44	42	41	40	39	39
	P _k	kW	3,0	3,7	4,4	5,7	6,8	8,7	10,2	11,8
	P _{motor}	kW	4	5,5	5,5	7,5	11	11	15	15
	Lp(A) _{w.o.H}	dB	74	77	81	85	87	91	93	95
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	71	73
350	Q	m ³ /h	239	308	399	496	587	724	821	912
	DT	°C	64	60	56	54	52	51	50	50
	P _k	kW	3,5	4,3	5,3	6,6	7,8	9,9	11,5	13,2
	P _{motor}	kW	5,5	5,5	7,5	11	11	15	15	18,5
	Lp(A) _{w.o.H}	dB	75	79	83	86	89	92	94	96
	Lp(A) _H	dB	<70	<70	<70	<70	<70	70	72	74
400	Q	m ³ /h	228	296	388	479	576	713	804	901
	DT	°C	84	77	72	68	66	64	63	62
	P _k	kW	4,0	4,8	6,1	7,4	8,7	11,0	12,7	14,5
	P _{motor}	kW	5,5	7,5	7,5	11	11	15	15	18,5
	Lp(A) _{w.o.H}	dB	77	81	84	88	90	94	96	98
	Lp(A) _H	dB	<70	<70	<70	<70	<70	72	74	76
450	Q	m ³ /h	211	285	376	467	559	701	792	884
	DT	°C	109	99	91	86	83	80	78	77
	P _k	kW	4,5	5,4	6,7	8,2	9,7	12,3	14,1	16,0
	P _{motor}	kW	5,5	7,5	11	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	79	82	86	89	92	96	98	100
	Lp(A) _H	dB	<70	<70	<70	<70	70	74	76	78
500	Q	m ³ /h				456	547	684	781	872
	DT	°C				108	104	99	97	96
	P _k	kW				9,0	10,7	13,4	15,3	17,4
	P _{motor}	kW				11	15	18,5	18,5	22
	Lp(A) _{w.o.H}	dB				91	94	98	100	102
	Lp(A) _H	dB				<70	72	76	78	80



HLB 1614

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.



HLB 1621

Pressure

Δp (mbar)	Type	DN100								
		rpm	1500	1800	2200	2600	3000	3600	4000	4400
300	Q	m ³ /h	399	499	636	768	905	1104	1242	1379
	DT	°C	31	30	29	28	28	27	27	27
	P _k	kW	4,4	5,4	6,8	8,2	9,9	12,6	14,6	16,7
	P _{motor}	kW	5,5	7,5	11	11	15	15	18,5	22
	Lp(A) _{w.o.H}	dB	75	78	82	86	88	92	94	96
	Lp(A) _H	dB	<70	<70	<70	<70	<70	70	72	74
400	Q	m ³ /h	381	480	618	755	886	1092	1223	1360
	DT	°C	44	41	40	38	38	37	36	36
	P _k	kW	5,8	7,1	8,8	10,6	12,7	15,9	18,3	20,9
	P _{motor}	kW	7,5	11	11	15	15	18,5	22	30
	Lp(A) _{w.o.H}	dB	76	80	84	87	90	94	96	97
	Lp(A) _H	dB	<70	<70	<70	<70	<70	72	74	75
500	Q	m ³ /h	368	468	605	736	874	1073	1211	1348
	DT	°C	57	53	51	49	48	47	46	46
	P _k	kW	7,2	8,7	10,8	13,1	15,5	19,2	22,0	25,1
	P _{motor}	kW	11	11	15	18,5	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	78	81	85	89	91	95	97	99
	Lp(A) _H	dB	<70	<70	<70	<70	70	73	75	77
600	Q	m ³ /h	356	456	593	724	861	1061	1198	1329
	DT	°C	71	66	62	60	58	57	56	55
	P _k	kW	8,6	10,4	12,9	15,5	18,3	22,7	25,8	29,1
	P _{motor}	kW	11	15	15	18,5	22	30	30	37
	Lp(A) _{w.o.H}	dB	79	83	87	90	93	96	98	100
	Lp(A) _H	dB	<70	<70	<70	<70	71	74	76	78
700	Q	m ³ /h	343	443	580	711	849	1048	1186	
	DT	°C	85	79	74	71	69	67	66	
	P _k	kW	10,0	12,1	15,0	18,0	21,1	26,0	29,5	
	P _{motor}	kW	15	15	18,5	22	30	30	37	
	Lp(A) _{w.o.H}	dB	80	84	88	91	94	98	100	
	Lp(A) _H	dB	<70	<70	<70	<70	72	76	78	
800	Q	m ³ /h	331	431	568	705	836	1042		
	DT	°C	101	93	86	83	80	77		
	P _k	kW	11,4	13,8	17,1	20,4	23,9	29,4		
	P _{motor}	kW	15	18,5	22	30	30	37		
	Lp(A) _{w.o.H}	dB	82	85	89	92	95	99		
	Lp(A) _H	dB	<70	<70	<70	70	73	77		
900	Q	m ³ /h		424	555	693	824			
	DT	°C		107	99	94	91			
	P _k	kW		15,5	19,1	22,8	26,7			
	P _{motor}	kW		0	18,5	22	22			
	Lp(A) _{w.o.H}	dB		86	90	93	96			
	Lp(A) _H	dB		<70	<70	71	74			
1000	Q	m ³ /h				680	817			
	DT	°C				106	102			
	P _k	kW				25,3	29,5			
	P _{motor}	kW				22	30			
	Lp(A) _{w.o.H}	dB				95	97			
	Lp(A) _H	dB				73	75			

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN100								
		rpm	1500	1800	2200	2600	3000	3600	4000	4400
200	Q	m ³ /h	406	512	643	780	911	1117	1248	1385
	DT	°C	25	25	24	23	23	22	22	22
	P _k	kW	3,0	3,6	4,7	5,8	7,1	9,2	10,8	12,7
	P _{motor}	kW	4	5,5	7,5	7,5	11	11	15	15
	Lp(A) _{w.o.H}	dB	74	78	82	85	88	91	93	95
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	71	73
250	Q	m ³ /h	393	493	630	761	899	1098	1236	1373
	DT	°C	35	34	32	31	31	30	30	30
	P _k	kW	3,6	4,5	5,7	7,0	8,4	10,8	12,7	14,8
	P _{motor}	kW	5,5	5,5	7,5	11	11	15	15	18,5
	Lp(A) _{w.o.H}	dB	75	79	83	86	89	92	95	96
	Lp(A) _H	dB	<70	<70	<70	<70	<70	70	73	74
300	Q	m ³ /h	381	480	612	749	886	1086	1223	1354
	DT	°C	47	45	43	41	40	39	39	39
	P _k	kW	4,4	5,4	6,8	8,2	9,9	12,6	14,6	16,7
	P _{motor}	kW	5,5	7,5	11	11	15	15	18,5	22
	Lp(A) _{w.o.H}	dB	77	80	84	88	90	94	96	98
	Lp(A) _H	dB	<70	<70	<70	<70	<70	72	74	76
350	Q	m ³ /h	362	462	599	736	867	1073	1204	1342
	DT	°C	62	58	55	53	51	50	49	49
	P _k	kW	5,1	6,2	7,8	9,5	11,2	14,2	16,4	18,8
	P _{motor}	kW	7,5	7,5	11	11	15	18,5	22	22
	Lp(A) _{w.o.H}	dB	78	82	86	89	92	95	97	99
	Lp(A) _H	dB	<70	<70	<70	<70	70	73	75	77
400	Q	m ³ /h	349	449	580	718	855	1055	1192	1323
	DT	°C	80	74	69	67	65	63	62	61
	P _k	kW	5,8	7,1	8,8	10,6	12,7	15,9	18,3	20,9
	P _{motor}	kW	7,5	11	11	15	15	18,5	22	30
	Lp(A) _{w.o.H}	dB	80	84	87	91	93	97	99	101
	Lp(A) _H	dB	<70	<70	<70	<70	71	75	77	79
450	Q	m ³ /h	331	431	568	699	836	1036	1173	1310
	DT	°C	102	94	88	84	81	78	77	76
	P _k	kW	6,4	7,9	9,8	11,9	14,0	17,6	20,2	23,0
	P _{motor}	kW	5,5	7,5	11	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	82	85	89	92	95	99	101	103
	Lp(A) _H	dB	<70	<70	<70	70	73	77	79	71
500	Q	m ³ /h				680	817	1017	1154	1292
	DT	°C				105	101	97	95	94
	P _k	kW				13,1	15,5	19,2	22,0	25,1
	P _{motor}	kW				15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB				94	97	101	103	105
	Lp(A) _H	dB				72	75	79	81	83



HLB 1621

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.



HLB 1630

Pressure

Δp (mbar)	Type	DN125								
		rpm	1500	1800	2200	2600	3000	3600	4000	4400
300	Q	m ³ /h	537	680	874	1067	1260	1548	1741	1934
	DT	°C	33	32	30	29	28	27	27	27
	P _k	kW	6,2	7,6	9,5	11,5	13,7	17,4	20,1	23,0
	P _{motor}	kW	7,5	11	11	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	78	81	85	89	91	95	97	99
	Lp(A) _H	dB	<70	<70	<70	<70	71	74	76	78
400	Q	m ³ /h	505	655	842	1036	1229	1516	1710	1903
	DT	°C	47	44	41	40	39	38	37	37
	P _k	kW	8,2	10,0	12,4	15,0	17,7	22,2	25,4	28,8
	P _{motor}	kW	11	15	15	18,5	22	30	30	37
	Lp(A) _{w.o.H}	dB	79	83	87	90	93	97	99	100
	Lp(A) _H	dB	<70	<70	<70	70	72	75	78	80
500	Q	m ³ /h	480	624	8174	1011	1204	1435	1685	
	DT	°C	62	57	53	51	50	48	47	
	P _k	kW	10,2	12,4	15,4	18,5	21,7	26,9	30,7	
	P _{motor}	kW	15	15	18,5	22	30	37	37	
	Lp(A) _{w.o.H}	dB	81	84	88	92	94	98	100	
	Lp(A) _H	dB	<70	<70	<70	71	72	76	79	
600	Q	m ³ /h	462	605	799	992	1179	1660		
	DT	°C	78	71	66	63	61	58		
	P _k	kW	12,3	14,8	18,3	21,9	25,8	31,8		
	P _{motor}	kW	15	18,5	22	30	30	37		
	Lp(A) _{w.o.H}	dB	82	86	90	93	96	99		
	Lp(A) _H	dB	<70	<70	70	72	75	78		
700	Q	m ³ /h		580	774	967	1161			
	DT	°C		86	79	75	72			
	P _k	kW		17,2	21,2	25,4	29,7			
	P _{motor}	kW		22	30	30	37			
	Lp(A) _{w.o.H}	dB		87	91	94	97			
	Lp(A) _H	dB		<70	70	73	76			
800	Q	m ³ /h				936	1136			
	DT	°C				86	84			
	P _k	kW				27,8	32,7			
	P _{motor}	kW				37	37			
	Lp(A) _{w.o.H}	dB				95	98			
	Lp(A) _H	dB				74	77			
900	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
1000	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Refrence conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	HLB 1630 / DN125								
		rpm	1500	1800	2200	2600	3000	3600	4000	4400
200	Q	m ³ /h	555	699	892	1080	1273	1566	1753	1947
	DT	°C	27	26	24	24	23	23	23	22
	P _k	kW	4,3	5,2	6,6	8,0	9,7	12,6	14,7	17,1
	P _{motor}	kW	5,5	7,5	11	11	15	15	18,5	22
	Lp(A) _{w.o.H}	dB	77	81	85	88	91	94	96	98
	Lp(A) _H	dB	<70	<70	<70	<70	<70	72	74	75
250	Q	m ³ /h	524	674	861	1055	1248	1535	1728	1922
	DT	°C	38	35	34	32	32	31	31	30
	P _k	kW	5,2	6,3	8,0	9,8	11,8	15,0	17,4	20,0
	P _{motor}	kW	7,5	7,5	11	15	15	18,5	22	30
	Lp(A) _{w.o.H}	dB	78	82	86	89	92	95	98	99
	Lp(A) _H	dB	<70	<70	<70	<70	<70	73	76	77
300	Q	m ³ /h	499	643	836	1030	1223	1510	1704	1897
	DT	°C	51	47	45	43	42	40	40	39
	P _k	kW	6,2	7,6	9,5	11,5	13,7	17,4	20,1	23,0
	P _{motor}	kW	7,2	11	11	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	80	83	87	91	93	97	99	101
	Lp(A) _H	dB	<70	<70	<70	<70	<70	71	75	79
350	Q	m ³ /h	474	618	811	1005	1198	1485	1679	1872
	DT	°C	67	62	58	55	53	52	51	50
	P _k	kW	7,2	8,7	10,9	13,2	15,7	19,8	22,7	25,9
	P _{motor}	kW	11	11	15	18,5	18,5	30	30	30
	Lp(A) _{w.o.H}	dB	81	85	89	92	95	98	100	102
	Lp(A) _H	dB	<70	<70	<70	70	73	76	78	80
400	Q	m ³ /h	449	593	786	973	1167	1460	1647	1841
	DT	°C	88	80	74	70	67	65	64	63
	P _k	kW	8,2	10,0	12,4	15,0	17,7	22,2	25,4	28,8
	P _{motor}	kW	11	15	15	18,5	22	30	30	37
	Lp(A) _{w.o.H}	dB	83	87	90	94	96	100	102	104
	Lp(A) _H	dB	<70	<70	<70	72	74	78	80	82
450	Q	m ³ /h				948	1142	1429	1622	1816
	DT	°C				88	85	81	79	78
	P _k	kW				16,7	19,8	24,5	28,1	31,8
	P _{motor}	kW				15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB				95	98	102	104	106
	Lp(A) _H	dB				73	76	80	82	84
500	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								



HLB 1630

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Refrence conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN125								
	rpm	1500	1800	2200	2600	2800	3000	3200	3400	
300	Q	m ³ /h	760	950	1204	1457	1584	1711	1837	1964
	DT	°C	31	30	29	28	28	28	27	27
	P _k	kW	8,4	10,3	13,0	16,0	17,7	19,4	21,2	23,1
	P _{motor}	kW	11	15	15	18,5	22	30	30	30
	Lp(A) _{w.o.H}	dB	79	82	86	90	91	92	94	95
	Lp(A) _H	dB	<70	<70	<70	<70	<70	70	72	73
	400	Q	m ³ /h	729	919	1172	1426	1552	1679	1806
DT		°C	43	41	39	38	38	37	37	37
P _k		kW	11,0	13,5	16,9	20,6	22,6	24,7	26,8	29,1
P _{motor}		kW	15	18,5	22	30	30	30	37	37
Lp(A) _{w.o.H}		dB	80	84	88	91	93	94	95	96
Lp(A) _H		dB	<70	<70	<70	<70	71	72	73	74
500		Q	m ³ /h	708	898	1151	1404	1531	1658	1785
	DT	°C	56	53	50	49	48	47	47	47
	P _k	kW	13,6	16,6	20,8	25,2	27,5	30,0	32,5	35,1
	P _{motor}	kW	18,5	22	30	30	37	37	45	45
	Lp(A) _{w.o.H}	dB	82	85	89	93	94	95	97	98
	Lp(A) _H	dB	<70	<70	<70	71	72	73	75	76
	600	Q	m ³ /h	681	871	1125	1378	1505	1632	1758
DT		°C	69	65	61	59	58	58	57	57
P _k		kW	16,3	19,8	24,6	29,7	32,5	35,3	38,1	41,1
P _{motor}		kW	22	30	30	37	45	45	45	55
Lp(A) _{w.o.H}		dB	83	87	91	94	95	97	98	99
Lp(A) _H		dB	<70	<70	<70	72	73	75	76	77
700		Q	m ³ /h	660	850	1104	1357	1484	1610	1737
	DT	°C	83	78	73	70	69	68	68	67
	P _k	kW	18,9	23,0	28,5	34,3	37,4	40,6	43,7	47,1
	P _{motor}	kW	22	30	37	45	45	55	55	55
	Lp(A) _{w.o.H}	dB	84	88	92	95	97	98	99	100
	Lp(A) _H	dB	<70	<70	<70	73	75	76	77	78
	800	Q	m ³ /h	639	829	1082	1336	1463	1589	1716
DT		°C	98	91	85	81	80	79	78	77
P _k		kW	21,6	26,1	32,4	38,9	42,3	45,8	49,4	53,1
P _{motor}		kW	30	30	45	45	55	55	75	75
Lp(A) _{w.o.H}		dB	86	89	93	96	98	99	100	102
Lp(A) _H		dB	<70	<70	71	74	76	77	78	80
900		Q	m ³ /h		813	1067	1320	1447	1573	1700
	DT	°C		105	97	93	91	90	89	88
	P _k	kW		29,3	36,3	43,5	47,3	51,1	55,0	59,0
	P _{motor}	kW		37	45	55	55	75	75	75
	Lp(A) _{w.o.H}	dB		90	94	97	99	100	102	103
	Lp(A) _H	dB		<70	72	75	77	78	80	81
	1000	Q	m ³ /h			1045	1299	1426	1552	1679
DT		°C			110	105	103	101	100	98
P _k		kW			40,1	48,0	52,2	56,4	60,6	65,0
P _{motor}		kW			55	55	75	75	75	75
Lp(A) _{w.o.H}		dB			95	99	100	101	103	104
Lp(A) _H		dB			73	77	78	79	81	82



HLB 2221

Pressure

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN125								
	rpm	1500	1800	2200	2600	2800	3000	3200	3400	
200	Q	m ³ /h	776	966	1220	1473	1632	1727	1853	1980
	DT	°C	25	24	24	23	23	23	23	22
	P _k	kW	5,7	7,1	9,2	11,4	12,8	14,2	15,6	17,2
	P _{motor}	kW	7,5	11	11	18	18	18,5	18,5	22
	Lp(A) _{w.o.H}	dB	78	82	86	89	90	92	93	94
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	71	72
	250	Q	m ³ /h	750	940	1193	1447	1573	1700	1827
DT		°C	35	33	32	31	31	31	30	30
P _k		kW	7,0	8,7	11,1	13,7	15,2	16,8	18,4	20,2
P _{motor}		kW	11	11	15	18,5	18,5	22	22	30
Lp(A) _{w.o.H}		dB	79	83	87	90	92	93	94	95
Lp(A) _H		dB	<70	<70	<70	<70	<70	71	72	73
300		Q	m ³ /h	723	913	1167	1420	1547	1674	1800
	DT	°C	46	44	42	41	40	40	40	39
	P _k	kW	8,4	10,3	13,0	16,0	17,7	19,4	21,2	23,1
	P _{motor}	kW	11	15	15	18,5	22	30	30	30
	Lp(A) _{w.o.H}	dB	81	84	88	92	93	94	96	97
	Lp(A) _H	dB	<70	<70	<70	<70	<70	71	72	74
	350	Q	m ³ /h	697	887	1140	1394	1521	1647	1774
DT		°C	60	57	54	52	52	51	51	50
P _k		kW	9,7	11,9	15,0	18,3	20,2	22,1	24,0	26,1
P _{motor}		kW	15	15	18,5	22	30	30	30	30
Lp(A) _{w.o.H}		dB	82	86	90	93	95	96	97	98
Lp(A) _H		dB	<70	<70	<70	71	73	74	75	76
400		Q	m ³ /h	671	861	1114	1368	1494	1621	1748
	DT	°C	78	73	68	66	65	64	63	63
	P _k	kW	11,0	13,5	16,9	20,6	22,6	24,7	26,8	29,1
	P _{motor}	kW	15	18,5	22	30	30	30	37	37
	Lp(A) _{w.o.H}	dB	84	88	91	95	96	97	99	100
	Lp(A) _H	dB	<70	<70	<70	73	74	75	77	78
	450	Q	m ³ /h	639	829	1082	1336	1463	1589	1716
DT		°C	100	92	86	83	81	80	79	78
P _k		kW	12,3	15,0	18,8	22,9	25,1	27,4	29,7	32,1
P _{motor}		kW	15	18,5	22	15	18,5	22	30	30
Lp(A) _{w.o.H}		dB	86	89	93	96	98	99	101	102
Lp(A) _H		dB	<70	<70	71	74	76	77	79	80
500		Q	m ³ /h			1051	1304	1558	1684	1811
	DT	°C			108	103	101	100	98	97
	P _k	kW			20,8	25,2	27,5	30,0	32,5	35,1
	P _{motor}	kW			30	30	37	37	45	45
	Lp(A) _{w.o.H}	dB			95	98	100	101	102	14
	Lp(A) _H	dB			73	76	78	79	80	82



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Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN150								
	rpm	1500	1800	2200	2600	2800	3000	3200	3400	
300	Q	m ³ /h	1088	1362	1723	2089	2270	2450	2631	2817
	DT	°C	31	30	29	28	28	28	27	27
	P _k	kW	11,9	14,6	18,5	22,7	25,0	27,5	30,0	32,6
	P _{motor}	kW	15	18,5	22	30	30	37	37	45
	Lp(A) _{w.o.H}	dB	82	85	89	93	94	95	97	98
	Lp(A) _H	dB	<70	<70	<70	71	72	73	75	76
	Lp(A) _H	dB	<70	<70	<70	72	74	75	76	77
400	Q	m ³ /h	1048	1321	1682	2049	2229	2409	2590	2770
	DT	°C	43	41	39	38	38	37	37	37
	P _k	kW	15,7	19,2	24,1	29,3	32,1	35,0	38,0	41,1
	P _{motor}	kW	18,5	22	30	37	37	45	45	55
	Lp(A) _{w.o.H}	dB	83	87	91	94	96	97	98	99
	Lp(A) _H	dB	<70	<70	<70	72	74	75	76	77
	Lp(A) _H	dB	<70	<70	<70	70	74	75	76	79
500	Q	m ³ /h	1013	1280	1647	2008	2188	2375	2555	2735
	DT	°C	56	53	50	49	48	47	47	47
	P _k	kW	19,5	23,7	29,6	35,9	39,2	42,6	46,1	49,8
	P _{motor}	kW	30	30	37	45	45	55	55	75
	Lp(A) _{w.o.H}	dB	85	88	92	96	97	98	100	101
	Lp(A) _H	dB	<70	<70	70	74	75	76	78	79
	Lp(A) _H	dB	<70	<70	70	74	75	76	78	79
600	Q	m ³ /h	978	1251	1612	1973	2159	2340	2520	2700
	DT	°C	69	65	61	59	58	58	57	57
	P _k	kW	23,3	28,2	35,1	42,4	46,2	50,1	54,1	58,3
	P _{motor}	kW	30	37	45	55	55	75	75	75
	Lp(A) _{w.o.H}	dB	86	90	94	97	98	100	101	102
	Lp(A) _H	dB	<70	<70	72	75	76	78	79	80
	Lp(A) _H	dB	<70	<70	72	75	76	78	79	80
700	Q	m ³ /h	949	1216	1583	1944	2124	2311	2491	2671
	DT	°C	83	78	73	70	69	68	68	67
	P _k	kW	27,1	32,8	40,7	49,0	53,3	57,7	62,2	66,9
	P _{motor}	kW	37	45	55	75	75	75	75	90
	Lp(A) _{w.o.H}	dB	87	91	95	98	100	101	102	103
	Lp(A) _H	dB	<70	<70	73	76	78	79	80	81
	Lp(A) _H	dB	<70	<70	73	76	78	79	80	81
800	Q	m ³ /h	920	1181	1548	1909	2084	2276	2456	
	DT	°C	99	92	87	83	82	81	80	
	P _k	kW	30,0	36,9	46,9	56,3	61,9	67,4	73,4	
	P _{motor}	kW	37	45	55	75	75	90	90	
	Lp(A) _{w.o.H}	dB	88	92	96	99	101	102	103	
	Lp(A) _H	dB	<70	70	74	77	79	80	81	
	Lp(A) _H	dB	<70	70	74	77	79	80	81	
900	Q	m ³ /h		1147	1513	1874	2043	2241		
	DT	°C		107	98	95	93	92		
	P _k	kW		40,5	51,5	62,4	67,1	73,5		
	P _{motor}	kW		55	75	75	90	90		
	Lp(A) _{w.o.H}	dB		93	97	100	102	103		
	Lp(A) _H	dB		71	75	78	80	81		
	Lp(A) _H	dB		71	75	78	80	81		
1000	Q	m ³ /h				1833	2002			
	DT	°C				106	104			
	P _k	kW				67,8	72,8			
	P _{motor}	kW				90	90			
	Lp(A) _{w.o.H}	dB				101	103			
	Lp(A) _H	dB				80	82			
	Lp(A) _H	dB				80	82			



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Pressure

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN150								
	rpm	1500	1800	2200	2600	2800	3000	3200	3400	
200	Q	m ³ /h	1112	1385	1752	2113	2293	2474	2660	2840
	DT	°C	25	24	24	23	23	23	23	22
	P _k	kW	8,1	10,1	13,0	16,2	17,9	19,9	21,8	24,1
	P _{motor}	kW	11	15	15	18,5	22	30	30	30
	Lp(A) _{w.o.H}	dB	81	85	89	92	93	95	96	97
	Lp(A) _H	dB	<70	<70	<70	<70	71	72	74	75
	Lp(A) _H	dB	<70	<70	<70	<70	71	72	74	75
250	Q	m ³ /h	1077	1350	1711	2072	2258	2439	2619	2799
	DT	°C	35	33	32	31	31	31	30	30
	P _k	kW	10,1	12,3	15,7	19,5	21,5	23,7	25,9	28,2
	P _{motor}	kW	15	15	18,5	30	30	30	30	37
	Lp(A) _{w.o.H}	dB	82	86	90	93	95	96	97	98
	Lp(A) _H	dB	<70	<70	<70	71	73	74	75	76
	Lp(A) _H	dB	<70	<70	<70	71	73	74	75	76
300	Q	m ³ /h	1036	1310	1670	2037	2217	2398	2578	2765
	DT	°C	46	44	42	41	40	40	40	39
	P _k	kW	11,9	14,6	18,5	22,7	25,0	27,5	30,0	32,6
	P _{motor}	kW	15	18,5	22	30	30	37	37	45
	Lp(A) _{w.o.H}	dB	84	87	91	95	96	97	99	100
	Lp(A) _H	dB	<70	<70	<70	73	74	75	77	78
	Lp(A) _H	dB	<70	<70	<70	73	74	75	77	78
350	Q	m ³ /h	1001	1269	1635	1996	2177	2363	2543	2724
	DT	°C	60	57	54	52	52	51	51	50
	P _k	kW	13,9	16,9	21,2	26,0	28,5	31,2	34,0	36,9
	P _{motor}	kW	18,5	22	30	30	37	37	45	45
	Lp(A) _{w.o.H}	dB	85	89	93	96	98	99	100	101
	Lp(A) _H	dB	<70	<70	71	74	76	77	78	79
	Lp(A) _H	dB	<70	<70	71	74	76	77	78	79
400	Q	m ³ /h	960	1228	1595	1956	2136	2322	2503	2683
	DT	°C	78	73	68	66	65	64	63	63
	P _k	kW	15,7	19,2	24,1	29,3	32,1	35,0	38,0	41,1
	P _{motor}	kW	18,5	30	30	37	37	45	45	55
	Lp(A) _{w.o.H}	dB	87	91	94	98	99	100	102	103
	Lp(A) _H	dB	<70	<70	72	76	77	78	80	81
	Lp(A) _H	dB	<70	<70	72	76	77	78	80	81
450	Q	m ³ /h		1181	1548	1915	2095	2276	2456	2642
	DT	°C		93	86	83	81	80	79	78
	P _k	kW		21,5	26,9	32,6	35,6	38,8	42,0	45,5
	P _{motor}	kW		30	30	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB		93	96	99	101	102	104	105
	Lp(A) _H	dB		71	74	77	79	80	82	83
	Lp(A) _H	dB		71	74	77	79	80	82	83
500	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
	Lp(A) _H	dB								



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Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.



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Pressure

Δp (mbar)	Type	DN200								
	rpm	1500	1800	2200	2600	2800	3000	3200	3400	
300	Q	m ³ /h	1654	2070	2619	3176	3450	3724	3999	4282
	DT	°C	32	31	30	29	29	29	28	28
	P _k	kW	18,1	22,3	28,2	34,5	38,0	41,7	45,6	49,5
	P _{motor}	kW	22	30	37	45	45	55	55	75
	Lp(A) _{w.o.H}	dB	85	88	92	96	97	98	100	101
	Lp(A) _H	dB	<70	<70	70	74	75	76	78	79
400	Q	m ³ /h	1592	2008	2557	3114	3388	3662	3937	4211
	DT	°C	44	42	40	39	39	38	38	38
	P _k	kW	23,9	29,2	36,6	44,5	48,8	53,2	57,8	62,5
	P _{motor}	kW	30	37	45	55	55	75	75	75
	Lp(A) _{w.o.H}	dB	86	90	94	97	99	100	101	102
	Lp(A) _H	dB	<70	<70	72	75	77	78	79	80
500	Q	m ³ /h	1539	1946	2504	3052	3326	3609	3884	4158
	DT	°C	57	54	51	50	49	48	48	48
	P _k	kW	29,6	36,0	45,0	54,6	59,6	64,7	70,0	75,6
	P _{motor}	kW	37	45	55	75	75	75	90	90
	Lp(A) _{w.o.H}	dB	88	91	95	99	100	101	103	104
	Lp(A) _H	dB	<70	<70	73	78	78	79	81	82
600	Q	m ³ /h	1486	1902	2450	2999	3282	3556		
	DT	°C	70	66	62	60	59	59		
	P _k	kW	35,4	42,9	53,4	64,4	70,2	76,2		
	P _{motor}	kW	45	55	75	75	90	90		
	Lp(A) _{w.o.H}	dB	89	93	97	100	101	103		
	Lp(A) _H	dB	<70	71	75	78	79	82		
700	Q	m ³ /h	1442	1849	2406	2955				
	DT	°C	84	79	74	71				
	P _k	kW	41,1	49,8	61,9	74,5				
	P _{motor}	kW	37	45	55	75				
	Lp(A) _{w.o.H}	dB	90	94	98	101				
	Lp(A) _H	dB	<70	72	76	79				
800	Q	m ³ /h	1398	1796	2353					
	DT	°C	100	93	88					
	P _k	kW	45,6	56,0	71,2					
	P _{motor}	kW	55	75	90					
	Lp(A) _{w.o.H}	dB	91	95	99					
	Lp(A) _H	dB	<70	70	74					
900	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
1000	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN200								
	rpm	1500	1800	2200	2600	2800	3000	3200	3400	
200	Q	m ³ /h	1690	2105	2663	3211	3485	3760	4043	4317
	DT	°C	26	25	25	24	24	24	24	23
	P _k	kW	12,4	15,3	19,8	24,6	27,3	30,2	33,2	36,6
	P _{motor}	kW	15	18,5	30	30	37	37	45	45
	Lp(A) _{w.o.H}	dB	84	88	92	95	96	98	99	100
	Lp(A) _H	dB	<70	<70	70	73	74	76	77	78
250	Q	m ³ /h	1637	2052	2601	3149	3432	3707	3981	4255
	DT	°C	36	34	33	32	32	32	31	31
	P _k	kW	15,3	18,7	23,9	29,6	32,7	36,0	39,4	42,9
	P _{motor}	kW	18,5	22	30	37	45	45	55	55
	Lp(A) _{w.o.H}	dB	85	89	93	96	98	99	100	101
	Lp(A) _H	dB	<70	<70	71	74	76	77	77	79
300	Q	m ³ /h	1575	1990	2539	3096	3370	3645	3919	4202
	DT	°C	47	45	43	42	41	41	41	40
	P _k	kW	18,1	22,3	28,2	34,5	38,0	41,7	45,6	49,5
	P _{motor}	kW	22	30	37	45	45	55	55	75
	Lp(A) _{w.o.H}	dB	87	90	94	98	99	100	102	103
	Lp(A) _H	dB	<70	<70	72	76	77	78	80	81
350	Q	m ³ /h	1522	1929	2486	3034	3309	3592	3866	4140
	DT	°C	61	58	55	53	53	52	52	51
	P _k	kW	21,1	25,7	32,3	39,5	43,3	47,5	51,6	56,0
	P _{motor}	kW	30	37	45	55	55	75	75	75
	Lp(A) _{w.o.H}	dB	88	92	96	99	101	102	103	104
	Lp(A) _H	dB	<70	70	75	77	79	80	81	83
400	Q	m ³ /h	1460	1867	2424	2972	3247	3530	3804	4078
	DT	°C	79	74	69	67	66	65	64	64
	P _k	kW	23,9	29,2	36,6	44,5	48,8	53,2	57,8	62,5
	P _{motor}	kW	30	37	45	55	55	75	75	75
	Lp(A) _{w.o.H}	dB	90	94	97	101	102	103	105	106
	Lp(A) _H	dB	71	73	75	79	80	81	83	84
450	Q	m ³ /h			2353	2910	3185	3459	3733	4016
	DT	°C			87	84	82	81	80	79
	P _k	kW			40,8	49,5	54,1	59,0	63,8	69,1
	P _{motor}	kW			55	75	90	100	100	100
	Lp(A) _{w.o.H}	dB			99	102	104	105	107	108
	Lp(A) _H	dB			77	80	82	83	85	86
500	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								



HLB 2245

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN200					DN250			
	rpm	1400	1500	1600	1800	2000	2200	2400	2600	
300	Q	m ³ /h	2759	2986	3208	3656	4104	4547	4995	5420
	DT	°C	28	28	28	27	27	27	27	27
	P _k	kW	28,6	31,1	33,6	39,0	44,6	50,9	57,5	62,4
	P _{motor}	kW	37	37	45	45	55	75	75	75
	Lp(A) _{w.o.H}	dB	86	87	88	90	93	94	96	98
	Lp(A) _H	dB	<70	<70	<70	70	71	72	74	76
400	Q	m ³ /h	2705	2927	3154	3596	4045	4493	4941	5361
	DT	°C	38	38	38	37	37	36	36	36
	P _k	kW	37,4	40,4	43,6	50,1	57,1	64,5	72,5	78,6
	P _{motor}	kW	45	55	55	75	75	75	90	110
	Lp(A) _{w.o.H}	dB	87	88	90	92	94	96	98	100
	Lp(A) _H	dB	<70	<70	<70	70	72	74	76	78
500	Q	m ³ /h	2651	2878	3100	3548	3996	4444	4887	5302
	DT	°C	49	48	48	47	46	46	45	45
	P _k	kW	46,0	49,7	53,5	61,3	69,5	78,2	87,3	94,7
	P _{motor}	kW	55	75	75	75	90	90	110	132
	Lp(A) _{w.o.H}	dB	88	90	91	93	95	97	99	101
	Lp(A) _H	dB	<70	<70	70	71	73	75	77	79
600	Q	m ³ /h	2608	2830	3056	3505	3947	4396	4844	5256
	DT	°C	60	59	58	57	56	55	55	55
	P _k	kW	54,7	59,0	63,5	72,5	81,9	91,8	102,2	110,9
	P _{motor}	kW	75	75	75	90	110	110	132	132
	Lp(A) _{w.o.H}	dB	90	91	92	95	97	99	100	102
	Lp(A) _H	dB	<70	<70	71	73	75	77	78	80
700	Q	m ³ /h	2565	2792	3013	3461	3910	4352	4801	5209
	DT	°C	71	70	69	67	66	65	65	65
	P _k	kW	63,4	68,3	73,4	83,6	94,3	105,5	117,2	127,1
	P _{motor}	kW	75	90	90	110	110	132	160	160
	Lp(A) _{w.o.H}	dB	91	92	94	96	98	100	102	104
	Lp(A) _H	dB	<70	70	72	74	76	78	80	82
800	Q	m ³ /h	2527	2749	2975	3424	3866	4315	4763	5168
	DT	°C	82	81	80	78	76	75	74	74
	P _k	kW	72,1	77,7	83,3	94,9	106,7	119,2	132,0	143,3
	P _{motor}	kW	90	90	110	132	132	160	160	185
	Lp(A) _{w.o.H}	dB	92	94	95	97	99	101	103	105
	Lp(A) _H	dB	70	72	73	75	77	79	81	83
900	Q	m ³ /h	2489	2716	2938	3386	3834	4277	4725	5127
	DT	°C	93	92	91	88	87	85	84	84
	P _k	kW	80,8	86,9	93,2	106,0	119,2	132,8	147,0	159,5
	P _{motor}	kW	110	110	132	132	160	160	185	200
	Lp(A) _{w.o.H}	dB	93	95	96	98	100	102	104	106
	Lp(A) _H	dB	71	73	74	76	78	80	82	84
1000	Q	m ³ /h	2457	2678	2905	3348	3796	4244	4693	5091
	DT	°C	105	103	102	99	97	96	95	95
	P _k	kW	89,5	96,3	103,1	117,2	131,6	146,5	161,8	175,6
	P _{motor}	kW	110	132	132	160	160	185	200	200
	Lp(A) _{w.o.H}	dB	94	96	97	99	101	103	105	107
	Lp(A) _H	dB	72	74	75	77	79	81	83	85



HLB 2750

Pressure

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN200					DN250			
	rpm	1400	1500	1600	1800	2000	2200	2400	2600	
200	Q	m ³ /h	2792	3019	3240	3688	4136	4585	5027	5455
	DT	°C	23	23	23	22	22	22	22	22
	P _k	kW	19,9	21,8	23,7	27,7	32,2	37,2	42,7	46,3
	P _{motor}	kW	30	30	30	37	37	45	55	55
	Lp(A) _{w.o.H}	dB	85	86	87	90	92	94	95	96
	Lp(A) _H	dB	<70	<70	<70	<70	70	72	73	74
250	Q	m ³ /h	2743	2965	3191	3634	4082	4531	4979	5402
	DT	°C	31	31	31	30	30	30	30	30
	P _k	kW	24,3	26,5	28,6	33,4	38,4	44,0	50,0	54,3
	P _{motor}	kW	30	37	37	45	45	55	75	75
	Lp(A) _{w.o.H}	dB	86	87	89	91	93	95	97	99
	Lp(A) _H	dB	<70	<70	<70	70	71	73	75	77
300	Q	m ³ /h	2689	2916	3137	3586	4034	4477	4925	5343
	DT	°C	41	41	40	40	39	39	38	38
	P _k	kW	28,6	31,1	33,6	39,0	44,6	50,9	57,5	62,4
	P _{motor}	kW	37	37	45	45	55	75	75	75
	Lp(A) _{w.o.H}	dB	87	89	90	92	94	96	98	100
	Lp(A) _H	dB	<70	<70	<70	70	72	74	76	78
350	Q	m ³ /h	2635	2862	3083	3532	3980	4428	4871	5285
	DT	°C	52	52	51	50	50	49	49	49
	P _k	kW	32,9	35,7	38,6	44,6	50,9	57,7	65,0	70,5
	P _{motor}	kW	45	45	55	55	75	75	90	90
	Lp(A) _{w.o.H}	dB	89	90	92	94	96	98	99	101
	Lp(A) _H	dB	<70	<70	70	72	74	76	77	79
400	Q	m ³ /h	2581	2808	3029	3478	3926	4369	4817	5226
	DT	°C	66	65	65	63	62	61	61	61
	P _k	kW	37,4	40,4	43,6	50,1	57,1	64,5	72,5	78,6
	P _{motor}	kW	45	55	55	75	75	75	90	90
	Lp(A) _{w.o.H}	dB	91	92	93	96	98	99	101	103
	Lp(A) _H	dB	<70	70	71	74	76	77	79	81
450	Q	m ³ /h	2522	2749	2970	3418	3866	4315	4757	5162
	DT	°C	83	82	81	79	77	76	75	75
	P _k	kW	41,7	45,1	48,5	55,7	63,3	71,4	79,9	86,7
	P _{motor}	kW	55	55	75	75	90	90	110	110
	Lp(A) _{w.o.H}	dB	92	94	95	97	99	101	103	105
	Lp(A) _H	dB	70	72	73	75	77	79	81	83
500	Q	m ³ /h	2462	2684	2905	3353	3802	4250	4698	5097
	DT	°C	104	102	100	98	96	94	93	93
	P _k	kW	46,0	49,7	53,5	61,3	69,5	78,2	87,3	94,7
	P _{motor}	kW	55	75	75	75	90	90	110	110
	Lp(A) _{w.o.H}	dB	94	96	97	99	101	103	105	107
	Lp(A) _H	dB	72	74	75	77	79	81	83	85



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Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN250						DN300		
		rpm	1400	1500	1600	1800	2000	2200	2400	2600
300	Q	m ³ /h	3599	3896	4193	4793	5388	5982	6577	7136
	DT	°C	29	28	28	28	27	27	27	27
	P _k	kW	37,4	40,5	43,6	50,2	57,3	64,8	72,8	79,0
	P _{motor}	kW	45	55	55	75	75	75	90	110
	Lp(A) _{w.o.H}	dB	89	90	91	93	96	97	99	101
	Lp(A) _H	dB	<70	<70	<70	71	74	75	77	79
400	Q	m ³ /h	3513	3810	4108	4702	5297	5892	6492	7043
	DT	°C	39	39	38	38	37	37	36	36
	P _k	kW	49,0	52,8	56,9	65,2	73,8	83,0	92,7	100,5
	P _{motor}	kW	75	75	75	75	90	110	110	132
	Lp(A) _{w.o.H}	dB	90	91	93	95	97	99	101	103
	Lp(A) _H	dB	<70	<70	71	73	75	77	79	81
500	Q	m ³ /h	3432	3730	4027	4627	5221	5816	6411	6956
	DT	°C	50	49	49	48	47	47	46	46
	P _k	kW	60,6	65,3	70,1	80,1	90,4	101,2	112,6	122,1
	P _{motor}	kW	75	75	90	110	110	132	132	160
	Lp(A) _{w.o.H}	dB	91	93	94	96	98	100	102	104
	Lp(A) _H	dB	<70	71	72	74	76	78	80	82
600	Q	m ³ /h	3362	3659	3956	4556	5151	5746	6340	6879
	DT	°C	61	61	60	58	57	57	56	56
	P _k	kW	72,2	77,7	83,3	94,9	106,9	119,4	132,4	143,6
	P _{motor}	kW	90	90	11	132	132	160	160	185
	Lp(A) _{w.o.H}	dB	93	94	95	98	100	102	103	105
	Lp(A) _H	dB	71	72	73	76	78	80	81	83
700	Q	m ³ /h	3296	3594	3896	4491	5085	5680	6275	6808
	DT	°C	73	72	71	69	68	67	66	66
	P _k	kW	83,7	90,1	96,6	109,9	123,5	137,6	152,2	165,1
	P _{motor}	kW	110	110	132	132	160	185	185	200
	Lp(A) _{w.o.H}	dB	94	95	97	99	101	103	105	107
	Lp(A) _H	dB	72	73	75	77	79	81	83	85
800	Q	m ³ /h	3226	3528	3835	4425	5020	5615	6209	
	DT	°C	84	83	82	80	79	78	77	
	P _k	kW	90,5	98,0	105,6	121,3	138,8	154,1	169,4	
	P _{motor}	kW	110	132	132	160	185	185	200	
	Lp(A) _{w.o.H}	dB	95	96	98	100	102	104	106	
	Lp(A) _H	dB	73	74	76	78	80	82	84	
900	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								
1000	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								



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Pressure

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type	DN250						DN300		
		rpm	1400	1500	1600	1800	2000	2200	2400	2600
200	Q	m ³ /h	3649	3946	4244	4843	5438	6033	6628	7191
	DT	°C	24	23	23	23	23	22	22	22
	P _k	kW	25,8	28,1	30,4	35,4	40,7	46,6	52,9	57,4
	P _{motor}	kW	30	37	37	45	55	55	75	75
	Lp(A) _{w.o.H}	dB	88	89	90	93	95	97	98	99
	Lp(A) _H	dB	<70	<70	<70	71	73	75	76	77
250	Q	m ³ /h	3568	3866	4163	4763	5358	5952	6547	7103
	DT	°C	32	32	31	31	31	30	30	30
	P _k	kW	31,6	34,3	37,0	42,8	49,1	55,7	62,9	68,3
	P _{motor}	kW	37	45	45	55	75	75	90	90
	Lp(A) _{w.o.H}	dB	89	90	92	94	96	98	100	101
	Lp(A) _H	dB	<70	<70	70	72	74	76	78	79
300	Q	m ³ /h	3488	3785	4082	4682	5277	5872	6466	7016
	DT	°C	42	42	41	40	40	39	39	39
	P _k	kW	37,4	40,5	43,6	50,2	57,3	64,8	72,8	79,0
	P _{motor}	kW	45	55	55	75	75	75	90	90
	Lp(A) _{w.o.H}	dB	90	92	93	95	97	99	101	103
	Lp(A) _H	dB	<70	70	71	73	75	77	79	81
350	Q	m ³ /h	3407	3704	4002	4602	5196	5791	6386	6928
	DT	°C	54	53	53	52	51	50	49	49
	P _k	kW	43,2	46,7	50,2	57,7	65,6	73,9	82,7	89,8
	P _{motor}	kW	55	55	75	75	90	90	110	110
	Lp(A) _{w.o.H}	dB	92	93	95	97	99	101	102	104
	Lp(A) _H	dB	70	71	74	75	77	79	80	82
400	Q	m ³ /h	3321	3619	3916	4516	5111	5705	6300	6836
	DT	°C	69	67	66	65	64	63	62	62
	P _k	kW	49,0	52,8	56,9	65,2	73,8	83,0	92,7	100,5
	P _{motor}	kW	75	75	75	75	90	110	110	132
	Lp(A) _{w.o.H}	dB	94	95	96	99	101	102	104	105
	Lp(A) _H	dB	72	73	74	77	79	80	82	83
450	Q	m ³ /h	3231	3528	3830	4425	5020	5615	6209	6737
	DT	°C	86	85	83	81	79	78	77	77
	P _k	kW	54,8	59,1	63,5	72,6	82,2	92,1	102,6	111,3
	P _{motor}	kW	75	75	75	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	95	97	98	100	102	104	106	107
	Lp(A) _H	dB	73	75	76	78	80	82	84	85
500	Q	m ³ /h								
	DT	°C								
	P _k	kW								
	P _{motor}	kW								
	Lp(A) _{w.o.H}	dB								
	Lp(A) _H	dB								



HLB 2768

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.



TLB 4260

Pressure

Δp (mbar)	Type rpm	DN300								
		1100	1200	1300	1400	1500	1600	1700	1800	
300	Q	m ³ /h	5254	5809	6357	6905	7459	8007	8555	9110
	DT	°C	29	28	28	28	27	27	27	27
	P _k	kW	53,3	58,8	64,5	70,2	76,2	82,3	88,7	95,3
	P _{motor}	kW	75	75	90	9	90	110	110	132
	Lp(A) _{w.o.H}	dB	85	87	88	90	91	92	93	94
	Lp(A) _H	dB	<70	<70	<70	<70	70	70	71	72
400	Q	m ³ /h	5135	5683	6237	6785	7333	7881	8436	8984
	DT	°C	39	38	38	38	37	37	36	36
	P _k	kW	70,1	77,2	84,3	91,6	99,1	106,8	114,8	122,9
	P _{motor}	kW	90	90	110	110	132	132	160	160
	Lp(A) _{w.o.H}	dB	86	88	90	91	92	94	95	96
	Lp(A) _H	dB	<70	<70	<70	<70	70	72	73	74
500	Q	m ³ /h	5027	5576	6124	6678	7226	7774	8329	8877
	DT	°C	50	49	48	48	47	47	46	46
	P _k	kW	86,9	95,4	104,2	113,0	122,0	131,3	140,7	150,4
	P _{motor}	kW	110	132	132	132	160	160	185	185
	Lp(A) _{w.o.H}	dB	88	89	91	92	94	95	96	97
	Lp(A) _H	dB	<70	<70	<70	70	72	73	74	75
600	Q	m ³ /h	4927	5481	6029	6577	7132	7680	8228	8776
	DT	°C	61	60	59	58	57	57	56	56
	P _k	kW	103,8	113,8	124,0	134,4	144,9	155,7	166,6	177,9
	P _{motor}	kW	132	132	160	160	185	185	200	250
	Lp(A) _{w.o.H}	dB	89	91	92	94	95	96	98	99
	Lp(A) _H	dB	<70	<70	70	72	73	74	76	77
700	Q	m ³ /h	4838	5387	5941	6489	7037	7592	8140	8688
	DT	°C	72	71	70	69	68	67	66	66
	P _k	kW	120,5	132,1	143,9	155,8	167,9	180,2	192,7	205,4
	P _{motor}	kW	160	160	185	185	200	250	250	250
	Lp(A) _{w.o.H}	dB	90	92	94	95	96	98	99	100
	Lp(A) _H	dB	<70	70	72	73	74	76	77	78
800	Q	m ³ /h	4769	5305	5853	6407	6955	7503	8058	8606
	DT	°C	84	82	81	79	78	78	77	76
	P _k	kW	137,3	150,5	163,7	177,1	190,8	204,5	218,6	232,9
	P _{motor}	kW	160	185	200	250	250	250	250	315
	Lp(A) _{w.o.H}	dB	92	93	95	96	98	99	100	101
	Lp(A) _H	dB	70	71	73	74	76	77	78	79
900	Q	m ³ /h	4675	5229	5777	6325	6880	7428	7976	8524
	DT	°C	96	94	92	91	89	88	87	86
	P _k	kW	154,1	168,8	183,5	198,6	213,7	229,0	244,5	260,4
	P _{motor}	kW	185	200	250	250	250	315	315	315
	Lp(A) _{w.o.H}	dB	93	94	96	97	99	100	101	102
	Lp(A) _H	dB	71	72	74	75	77	78	79	80
1000	Q	m ³ /h	4605	5153	5702	6250	6804	7352	7900	8518
	DT	°C	109	106	104	102	100	99	98	97
	P _k	kW	170,9	187,1	203,5	220,0	236,6	253,5	270,6	287,8
	P _{motor}	kW	200	250	250	250	315	315	315	355
	Lp(A) _{w.o.H}	dB	94	95	97	98	100	101	102	103
	Lp(A) _H	dB	72	73	75	76	78	79	80	81

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.

Δp (mbar)	Type rpm	DN300								
		1100	1200	1300	1400	1500	1600	1700	1800	
200	Q	m ³ /h	5330	5878	6426	6974	7529	8077	8625	9179
	DT	°C	23	23	23	23	23	22	22	22
	P _k	kW	36,5	40,4	44,5	48,8	53,2	58,0	62,8	67,8
	P _{motor}	kW	45	55	55	75	75	75	75	90
	Lp(A) _{w.o.H}	dB	84	86	87	89	90	91	93	94
	Lp(A) _H	dB	<70	<70	<70	<70	<70	<70	71	72
250	Q	m ³ /h	5216	5765	6319	6867	7415	7963	8518	9066
	DT	°C	32	31	31	31	31	30	30	30
	P _k	kW	44,9	49,7	54,5	59,5	64,8	70,1	75,8	81,6
	P _{motor}	kW	55	75	75	75	75	90	90	110
	Lp(A) _{w.o.H}	dB	85	87	89	90	91	93	94	95
	Lp(A) _H	dB	<70	<70	<70	<70	<70	71	72	73
300	Q	m ³ /h	5103	5657	6206	6754	7302	7856	8404	8952
	DT	°C	42	41	41	40	40	39	39	39
	P _k	kW	53,3	58,8	64,5	70,2	76,2	82,3	88,7	95,3
	P _{motor}	kW	75	75	90	90	90	110	110	132
	Lp(A) _{w.o.H}	dB	87	88	90	91	93	94	95	96
	Lp(A) _H	dB	<70	<70	<70	<70	<70	71	72	74
350	Q	m ³ /h	4990	5544	6092	6640	7188	7743	8291	8839
	DT	°C	54	53	52	51	51	50	50	49
	P _k	kW	61,7	67,9	74,3	81,0	87,7	94,6	101,7	109,1
	P _{motor}	kW	75	90	90	110	110	132	132	132
	Lp(A) _{w.o.H}	dB	88	90	92	93	94	96	97	98
	Lp(A) _H	dB	<70	<70	70	71	72	74	75	76
400	Q	m ³ /h	4870	5424	5972	6521	7075	7623	8171	8726
	DT	°C	68	66	65	64	64	63	62	62
	P _k	kW	70,1	77,2	84,3	91,6	99,1	106,8	114,8	122,9
	P _{motor}	kW	90	90	110	110	132	132	160	160
	Lp(A) _{w.o.H}	dB	90	92	93	95	96	97	98	100
	Lp(A) _H	dB	<70	70	71	73	74	76	77	78
450	Q	m ³ /h	4750	5298	5846	6395	6949	7497	8045	8600
	DT	°C	85	83	82	81	79	79	78	77
	P _k	kW	78,5	86,3	94,2	102,3	110,6	119,1	127,7	136,6
	P _{motor}	kW	90	110	132	15	18,5	22	30	30
	Lp(A) _{w.o.H}	dB	92	93	95	96	98	99	100	101
	Lp(A) _H	dB	70	71	73	74	76	77	78	79
500	Q	m ³ /h	4612	5160	5714	6262	6810	7358	7913	8461
	DT	°C	107	104	102	100	99	98	96	95
	P _k	kW	86,9	95,4	104,2	113,0	122,0	131,3	140,7	150,4
	P _{motor}	kW	110	132	132	132	160	160	185	185
	Lp(A) _{w.o.H}	dB	94	95	97	98	100	101	102	103
	Lp(A) _H	dB	72	73	75	76	78	79	80	81



TLB 4260

Vacuum

rpm: blower speed

Q [m³/h]: Air intake capacity

DT [°C]: Temperature differential

P_k [kW]: Shaft power

P_{motor} [kW]: Advised motor power

Lp(A)_{w.o.H} [dB]: Noise pressure level for blower unit without acoustic hood

Lp(A)_H [dB]: Noise pressure level for blower unit with acoustic hood

The sound pressure levels (Lp(A)) are based on measurements taken outdoors at a distance of 1m from the machine (tolerance of ± 3 dB) with sound insulated pipes.

Reference conditions:

Inlet pressure: 1.013 bar(a)

Inlet temperature: 20 °C

Dry air - 1.2 kg/m³

Performance data are non-binding examples only.