

Pressure

Δp (mbar)	Type	HLB2732 / DN200								
		rpm	1600	1700	1830	2060	2300	2500	2750	2980
300	Q	m3/h	1987	2150	2309	2632	2955	3274	3596	3902
	DT	oC	28	28	27	27	27	27	27	26
	Pk	kW	20.5	22.2	24.0	27.9	31.9	36.4	41.1	44.6
	Pmotor	kW	30	30	30	37	45	45	55	55
	Lp(A)w.o.H	dB	86	87	88	91	93	94	97	98
	Lp(A)H	dB	<70	<70	<70	70	71	72	74	76
400	Q	m3/h	1948	2107	2271	2589	2912	3235	3558	3860
	DT	oC	38	38	37	37	37	36	36	36
	Pk	kW	26.7	28.9	31.1	35.8	40.8	46.1	51.8	56.2
	Pmotor	kW	37	37	37	45	55	55	75	75
	Lp(A)w.o.H	dB	87	88	90	92	94	96	99	100
	Lp(A)H	dB	<70	<70	<70	70	72	74	76	78
500	Q	m3/h	1909	2072	2232	2554	2877	3200	3519	3818
	DT	oC	48	48	47	47	46	46	45	45
	Pk	kW	32.9	35.5	38.2	43.8	49.7	55.9	62.4	67.7
	Pmotor	kW	45	45	55	55	75	75	75	90
	Lp(A)w.o.H	dB	88	90	91	93	95	98	99	101
	Lp(A)H	dB	<70	<70	70	71	73	75	77	79
600	Q	m3/h	1878	2037	2201	2523	2842	3165	3488	3784
	DT	oC	59	59	58	57	56	55	55	54
	Pk	kW	39.1	42.2	45.4	51.8	58.6	65.6	73.1	79.3
	Pmotor	kW	55	55	55	75	75	90	90	110
	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	m3/h	1847	2010	2170	2492	2815	3134	3456	3750
	DT	oC	70	70	68	67	66	65	65	65
	Pk	kW	45.3	48.8	52.4	59.8	67.4	75.4	83.8	90.9
	Pmotor	kW	55	75	75	75	90	90	110	110
	Lp(A)w.o.H	dB	91	92	94	96	98	101	102	104
	Lp(A)H	dB	<70	70	72	74	76	78	80	82
800	Q	m3/h	1820	1979	2142	2465	2784	3107	3429	3721
	DT	oC	81	80	79	78	76	75	74	74
	Pk	kW	51.5	55.5	59.5	67.8	76.3	85.2	94.4	102.4
	Pmotor	kW	75	75	75	90	90	110	110	132
	Lp(A)w.o.H	dB	92	94	96	98	100	102	103	105
	Lp(A)H	dB	70	72	73	75	77	79	81	83
900	Q	m3/h	1792	1956	2115	2438	2760	3079	3402	3691
	DT	oC	92	91	90	87	86	85	84	84
	Pk	kW	57.8	62.2	66.7	75.8	85.2	95.0	105.1	114.0
	Pmotor	kW	75	75	90	90	110	110	132	132
	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	m3/h	1769	1928	2092	2411	2733	3056	3379	3666
	DT	oC	104	102	101	99	97	96	95	94
	Pk	kW	64.0	68.9	73.7	83.8	94.1	104.8	115.7	125.5
	Pmotor	kW	75	90	90	110	110	132	132	160
	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 2732

Pressure

rpm: blower speed

Q [m3/h]: Air intake capacity

DT [oC]: Temperature differential

Pk [kW]: Shaft power

Pmotor [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 oC
Dry air - 1.2 kg/m3

Performance data are non-binding examples only.

HLB 2732

Basınç

rpm: blower devri

Q [m3/h]: Hava debisi

DT [oC]: Hava sıcaklık farkı

Pk [kW]: Blower güç tüketimi

Pmotor [kW]: Önerilen motor gücü

Lp(A)w.o.H [dB]: Akustik kabinsiz gürültü seviyesi

Lp(A)H [dB]: Akustik kabin ile gürültü seviyesi

Gürültü seviyeleri (Lp(A)) açık ortamda, blower setinden 1m mesafeden, yalıtımlı borular kullanılırken (± 3 dB tolerans ile) ölçülmüştür.

Referans koşullar:

Giriş basıncı: 1.013 bar(a)
Giriş sıcaklığı: 20 oC
Kuru hava - 1.2 kg/m3

Performans verileri bağlayıcı olmayan örneklerdir.

Vacuum

Δp (mbar)	Type	HLB2732 / DN200								
		rpm	1600	1700	1830	2060	2300	2500	2750	2980
200	Q	m3/h	2010	2173	2333	2656	2978	3301	3620	3927
	DT	oC	23	23	23	22	22	22	22	22
	Pk	kW	14.2	15.6	16.9	19.8	23.0	26.6	30.5	33.1
	Pmotor	kW	18.5	22	22	30	30	37	37	45
	Lp(A)w.o.H	dB	85	86	87	91	92	94	95	96
	Lp(A)H	dB	<70	<70	<70	<70	70	72	73	74
250	Q	m3/h	1975	2135	2298	2617	2939	3262	3585	3889
	DT	oC	31	31	31	31	30	30	30	30
	Pk	kW	17.4	18.9	20.5	23.9	27.5	31.5	35.8	38.8
	Pmotor	kW	22	30	30	30	37	45	45	55
	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	m3/h	1936	2100	2259	2582	2904	3223	3546	3847
	DT	oC	41	41	40	39	39	38	38	38
	Pk	kW	20.5	22.2	24.0	27.9	31.9	36.4	41.1	44.6
	Pmotor	kW	30	30	30	37	45	45	55	55
	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	m3/h	1897	2061	2220	2543	2865	3188	3507	3805
	DT	oC	52	52	51	50	50	49	49	48
	Pk	kW	23.6	25.5	27.6	31.9	36.4	41.2	46.5	50.4
	Pmotor	kW	30	37	37	45	45	55	55	75
	Lp(A)w.o.H	dB	89	90	93	94	96	98	99	101
	Lp(A)H	dB	<70	<70	70	72	74	76	77	79
400	Q	m3/h	1858	2022	2181	2504	2827	3145	3468	3763
	DT	oC	66	65	64	63	62	61	61	60
	Pk	kW	26.7	28.9	31.1	35.8	40.8	46.1	51.8	56.2
	Pmotor	kW	37	37	37	45	55	55	75	75
	Lp(A)w.o.H	dB	91	92	93	96	98	100	101	103
	Lp(A)H	dB	<70	70	71	74	76	77	79	81
450	Q	m3/h	1816	1979	2138	2461	2784	3107	3425	3716
	DT	oC	83	82	81	78	77	76	75	75
	Pk	kW	29.8	32.2	34.7	39.8	45.2	51.0	57.1	62.0
	Pmotor	kW	37	45	45	55	55	75	75	75
	Lp(A)w.o.H	dB	92	94	96	98	99	101	103	105
	Lp(A)H	dB	70	72	73	75	77	79	81	83
500	Q	m3/h	1773	1932	2092	2414	2737	3060	3383	3670
	DT	oC	104	101	99	98	96	94	93	93
	Pk	kW	32.9	35.5	38.2	43.8	49.7	55.9	62.4	67.7
	Pmotor	kW	45	45	55	55	75	75	75	90
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