

Δp (mbar)	Tip Type		HLB 2768 / DN250					HLB 2768 / DN300		
	rpm		1400	1500	1600	1800	2000	2200	2400	2600
300	Q	m <sup>3</sup> /h	3599	3896	4193	4793	5388	5982	6577	7136
	DT	°C	29	28	28	28	27	27	27	27
	P <sub>k</sub>	kW	37,4	40,5	43,6	50,2	57,3	64,8	72,8	79,0
	P <sub>motor</sub>	kW	45	55	55	75	75	90	90	110
	Lp(A) <sub>Wd,H</sub>	dB	89	90	91	93	96	97	99	101
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	71	74	75	77	79
400	Q	m <sup>3</sup> /h	3513	3810	4108	4702	5297	5892	6492	7043
	DT	°C	39	39	38	38	37	37	36	36
	P <sub>k</sub>	kW	49,0	52,8	56,9	65,2	73,8	83,0	92,7	100,5
	P <sub>motor</sub>	kW	75	75	75	90	90	110	110	132
	Lp(A) <sub>Wd,H</sub>	dB	90	91	93	95	97	99	101	103
	Lp(A) <sub>H</sub>	dB	<70	<70	71	73	75	77	79	81
500	Q	m <sup>3</sup> /h	3432	3730	4027	4627	5221	5816	6411	6956
	DT	°C	50	49	49	48	47	47	46	46
	P <sub>k</sub>	kW	60,6	65,3	70,1	80,1	90,4	101,2	112,6	122,1
	P <sub>motor</sub>	kW	75	90	90	110	110	132	132	160
	Lp(A) <sub>Wd,H</sub>	dB	91	93	94	96	98	100	102	104
	Lp(A) <sub>H</sub>	dB	<70	71	72	74	76	78	80	82
600	Q	m <sup>3</sup> /h	3362	3659	3956	4556	5151	5746	6340	6879
	DT	°C	61	61	60	58	57	57	56	56
	P <sub>k</sub>	kW	72,2	77,7	83,3	94,9	106,9	119,4	132,4	143,6
	P <sub>motor</sub>	kW	90	110	110	132	132	160	160	185
	Lp(A) <sub>Wd,H</sub>	dB	93	94	95	98	100	102	103	105
	Lp(A) <sub>H</sub>	dB	71	72	73	76	78	80	81	83
700	Q	m <sup>3</sup> /h	3296	3594	3896	4491	5085	5680	6275	6808
	DT	°C	73	72	71	69	68	67	66	66
	P <sub>k</sub>	kW	83,7	90,1	96,6	109,9	123,5	137,6	152,2	165,1
	P <sub>motor</sub>	kW	110	110	132	132	160	185	185	200
	Lp(A) <sub>Wd,H</sub>	dB	94	95	97	99	101	103	105	107
	Lp(A) <sub>H</sub>	dB	72	73	75	77	79	81	83	85
800	Q	m <sup>3</sup> /h	3226	3528	3835	4425	5020	5615	6209	
	DT	°C	84	83	82	80	79	78	77	
	P <sub>k</sub>	kW	90,5	98,0	105,6	121,3	138,8	154,1	169,4	
	P <sub>motor</sub>	kW	110	132	132	160	185	185	200	
	Lp(A) <sub>Wd,H</sub>	dB	95	96	98	100	102	104	106	
	Lp(A) <sub>H</sub>	dB	73	74	76	78	80	82	84	
900	Q	m <sup>3</sup> /h								
	DT	°C								
	P <sub>k</sub>	kW								
	P <sub>motor</sub>	kW								
	Lp(A) <sub>Wd,H</sub>	dB								
	Lp(A) <sub>H</sub>	dB								
1000	Q	m <sup>3</sup> /h								
	DT	°C								
	P <sub>k</sub>	kW								
	P <sub>motor</sub>	kW								
	Lp(A) <sub>Wd,H</sub>	dB								
	Lp(A) <sub>H</sub>	dB								

Δp (mbar)	Tip Type		HLB 2768 / DN250					HLB 2768 / DN300		
	rpm		1400	1500	1600	1800	2000	2200	2400	2600
200	Q	m <sup>3</sup> /h	3649	3946	4244	4843	5438	6033	6628	7191
	DT	°C	24	23	23	23	23	22	22	22
	P <sub>k</sub>	kW	25,8	28,1	30,4	35,4	40,7	46,6	52,9	57,4
	P <sub>motor</sub>	kW	37	37	37	45	55	75	75	75
	Lp(A) <sub>woH</sub>	dB	88	89	90	93	95	97	98	99
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	71	73	75	76	77
250	Q	m <sup>3</sup> /h	3568	3866	4163	4763	5358	5952	6547	7103
	DT	°C	32	32	31	31	31	30	30	30
	P <sub>k</sub>	kW	31,6	34,3	37,0	42,8	49,1	55,7	62,9	68,3
	P <sub>motor</sub>	kW	45	45	45	55	75	75	75	90
	Lp(A) <sub>woH</sub>	dB	89	90	92	94	96	98	100	101
	Lp(A) <sub>H</sub>	dB	<70	<70	70	72	74	76	78	79
300	Q	m <sup>3</sup> /h	3488	3785	4087	4682	5277	5872	6466	7016
	DT	°C	42	42	41	40	40	39	39	39
	P <sub>k</sub>	kW	37,4	40,5	43,6	50,2	57,3	64,8	72,8	79,0
	P <sub>motor</sub>	kW	45	55	55	75	75	90	90	110
	Lp(A) <sub>woH</sub>	dB	90	92	93	95	97	99	101	103
	Lp(A) <sub>H</sub>	dB	<70	70	71	73	75	77	79	81
350	Q	m <sup>3</sup> /h	3407	3704	4002	4602	5196	5791	6386	6928
	DT	°C	54	53	53	52	51	50	49	49
	P <sub>k</sub>	kW	43,2	46,7	50,2	57,7	65,6	73,9	82,7	89,8
	P <sub>motor</sub>	kW	55	75	75	75	90	90	110	110
	Lp(A) <sub>woH</sub>	dB	92	93	95	97	99	101	102	104
	Lp(A) <sub>H</sub>	dB	70	71	74	75	77	79	80	82
400	Q	m <sup>3</sup> /h	3321	3619	3916	4516	5111	5705	6300	6836
	DT	°C	69	67	66	65	64	63	62	62
	P <sub>k</sub>	kW	49,0	52,8	56,9	65,2	73,8	83,0	92,7	100,5
	P <sub>motor</sub>	kW	75	75	75	90	90	110	110	132
	Lp(A) <sub>woH</sub>	dB	94	95	96	99	101	102	104	105
	Lp(A) <sub>H</sub>	dB	72	73	74	77	79	80	82	83
450	Q	m <sup>3</sup> /h	3231	3528	3830	4425	5020	5615	6209	6737
	DT	°C	86	85	83	81	79	78	77	77
	P <sub>k</sub>	kW	54,8	59,1	63,5	72,6	82,2	92,1	102,6	111,3
	P <sub>motor</sub>	kW	75	75	90	90	110	110	132	132
	Lp(A) <sub>woH</sub>	dB	95	97	98	100	102	104	106	107
	Lp(A) <sub>H</sub>	dB	73	75	76	78	80	82	84	85
500	Q	m <sup>3</sup> /h								
	DT	°C								
	P <sub>k</sub>	kW								
	P <sub>motor</sub>	kW								
	Lp(A) <sub>woH</sub>	dB								
	Lp(A) <sub>H</sub>	dB								

rpm : Blower Speed

Q [m<sup>3</sup>/h] : Air Intake Capacity

DT [°C] : Temperature Differential

P<sub>k</sub> [kW] : Shaft PowerP<sub>motor</sub> [kW] : Advised Motor PowerLp(A)<sub>woH</sub> [dB] : Noise Pressure Level For Blower Unit Without Acoustic HoodLp(A)<sub>H</sub> [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 - 12 kg/m<sup>3</sup>

Performance data are non-binding examples only.

rpm : Blower Devri

Q [m<sup>3</sup>/h] : Hava Debisi

DT [°C] : Hava Sıcaklık Farkı

P<sub>k</sub> [kW] : Blower Güç TüketimiP<sub>motor</sub> [kW] : Önerilen Motor GücüLp(A)<sub>woH</sub> [dB] : Akustik Kabinsiz Gürültü SeviyesiLp(A)<sub>H</sub> [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 °C

Kuru Hava - 12 kg/m<sup>3</sup>

Sunulan performans verileri bağlayıcı olmayan örneklerdir.