

Δp (mbar)	Tip Type		HLB 2230 / DN150							
	rpm		1500	1800	2200	2600	2800	3000	3200	3400
300	Q	m <sup>3</sup> /h	1088	1362	1723	2089	2270	2450	2631	2817
	DT	°C	31	30	29	28	28	28	27	27
	P <sub>k</sub>	kW	11,9	14,6	18,5	22,7	25,0	27,5	30,0	32,6
	P <sub>motor</sub>	kW	15	18,5	22	30	30	37	37	45
	Lp(A) <sub>w0H</sub>	dB	82	85	89	93	94	95	97	98
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	71	72	73	75	76
400	Q	m <sup>3</sup> /h	1048	1321	1682	2049	2229	2409	2590	2770
	DT	°C	43	41	39	38	38	37	37	37
	P <sub>k</sub>	kW	15,7	19,2	24,1	29,3	32,1	35,0	38,0	41,1
	P <sub>motor</sub>	kW	22	30	30	37	37	45	45	55
	Lp(A) <sub>w0H</sub>	dB	83	87	91	94	96	97	98	99
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	72	74	75	76	77
500	Q	m <sup>3</sup> /h	1013	1280	1647	2008	2188	2375	2555	2735
	DT	°C	56	53	50	49	48	47	47	47
	P <sub>k</sub>	kW	19,5	23,7	29,6	35,9	39,2	42,6	46,1	49,8
	P <sub>motor</sub>	kW	30	30	37	45	55	55	55	75
	Lp(A) <sub>w0H</sub>	dB	85	88	92	96	97	98	100	101
	Lp(A) <sub>H</sub>	dB	<70	<70	70	74	75	76	78	79
600	Q	m <sup>3</sup> /h	978	1251	1612	1973	2159	2340	2520	2700
	DT	°C	69	65	61	59	58	58	57	57
	P <sub>k</sub>	kW	23,3	28,2	35,1	42,4	46,2	50,1	54,1	58,3
	P <sub>motor</sub>	kW	30	37	45	55	55	75	75	75
	Lp(A) <sub>w0H</sub>	dB	86	90	94	97	98	100	101	102
	Lp(A) <sub>H</sub>	dB	<70	<70	72	75	76	78	79	80
700	Q	m <sup>3</sup> /h	949	1216	1583	1944	2124	2311	2491	2671
	DT	°C	83	78	73	70	69	68	68	67
	P <sub>k</sub>	kW	27,1	32,8	40,7	49,0	53,3	57,7	62,2	66,9
	P <sub>motor</sub>	kW	37	45	55	75	75	75	75	90
	Lp(A) <sub>w0H</sub>	dB	87	91	95	98	100	101	102	103
	Lp(A) <sub>H</sub>	dB	<70	<70	73	76	78	79	80	81
800	Q	m <sup>3</sup> /h	920	1181	1548	1909	2084	2276	2456	
	DT	°C	99	92	87	83	82	81	80	
	P <sub>k</sub>	kW	30,0	36,9	46,9	56,3	61,9	67,4	73,4	
	P <sub>motor</sub>	kW	37	45	75	75	75	90	90	
	Lp(A) <sub>w0H</sub>	dB	88	92	96	99	101	102	103	
	Lp(A) <sub>H</sub>	dB	<70	70	74	77	79	80	81	
900	Q	m <sup>3</sup> /h		1147	1513	1874	2043	2241		
	DT	°C		107	98	95	93	92		
	P <sub>k</sub>	kW		40,5	51,5	62,4	67,1	73,5		
	P <sub>motor</sub>	kW		55	75	75	90	90		
	Lp(A) <sub>w0H</sub>	dB		93	97	100	102	103		
	Lp(A) <sub>H</sub>	dB		71	75	78	80	81		
1000	Q	m <sup>3</sup> /h				1833	2002			
	DT	°C				106	104			
	P <sub>k</sub>	kW				67,8	72,8			
	P <sub>motor</sub>	kW				90	90			
	Lp(A) <sub>w0H</sub>	dB				101	103			
	Lp(A) <sub>H</sub>	dB				80	82			

Ap (mbar)	Tip Type		HLB 2230 / DN150							
	rpm		1500	1800	2200	2600	2800	3000	3200	3400
200	Q	m <sup>3</sup> /h	1112	1385	1752	2113	2293	2474	2660	2840
	DT	°C	25	24	24	23	23	23	23	22
	P <sub>k</sub>	kW	8,1	10,1	13,0	16,2	17,9	19,9	21,8	24,1
	P <sub>motor</sub>	kW	11	15	18,5	22	22	30	30	30
	Lp(A) <sub>WAH</sub>	dB	81	85	89	92	93	95	96	97
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	<70	71	72	74	75
250	Q	m <sup>3</sup> /h	1077	1350	1711	2072	2258	2439	2619	2799
	DT	°C	35	33	32	31	31	31	30	30
	P <sub>k</sub>	kW	10,1	12,3	15,7	19,5	21,5	23,7	25,9	28,2
	P <sub>motor</sub>	kW	15	15	18,5	30	30	30	37	37
	Lp(A) <sub>WAH</sub>	dB	82	86	90	93	95	96	97	98
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	71	73	74	75	76
300	Q	m <sup>3</sup> /h	1036	1310	1670	2037	2217	2398	2578	2765
	DT	°C	46	44	42	41	40	40	40	39
	P <sub>k</sub>	kW	11,9	14,6	18,5	22,7	25,0	27,5	30,0	32,6
	P <sub>motor</sub>	kW	15	18,5	22	30	30	37	37	45
	Lp(A) <sub>WAH</sub>	dB	84	87	91	95	96	97	99	100
	Lp(A) <sub>H</sub>	dB	<70	<70	<70	73	74	75	77	78
350	Q	m <sup>3</sup> /h	1001	1269	1635	1996	2177	2363	2543	2724
	DT	°C	60	57	54	52	52	51	51	50
	P <sub>k</sub>	kW	13,9	16,9	21,2	26,0	28,5	31,2	34,0	36,9
	P <sub>motor</sub>	kW	18,5	22	30	37	37	37	45	45
	Lp(A) <sub>WAH</sub>	dB	85	89	93	96	98	99	100	101
	Lp(A) <sub>H</sub>	dB	<70	<70	71	74	76	77	78	79
400	Q	m <sup>3</sup> /h	960	1228	1595	1956	2136	2322	2503	2683
	DT	°C	78	73	68	66	65	64	63	63
	P <sub>k</sub>	kW	15,7	19,2	24,1	29,3	32,1	35,0	38,0	41,1
	P <sub>motor</sub>	kW	22	30	30	37	45	45	45	55
	Lp(A) <sub>WAH</sub>	dB	87	91	94	98	99	100	102	103
	Lp(A) <sub>H</sub>	dB	<70	<70	72	76	77	78	80	81
450	Q	m <sup>3</sup> /h		1181	1548	1915	2095	2276	2456	2642
	DT	°C		93	86	83	81	80	79	78
	P <sub>k</sub>	kW		21,5	26,9	32,6	35,6	38,8	42,0	45,5
	P <sub>motor</sub>	kW		30	37	45	45	55	55	55
	Lp(A) <sub>WAH</sub>	dB		93	96	99	101	102	104	105
	Lp(A) <sub>H</sub>	dB		71	74	77	79	80	82	83
500	Q	m <sup>3</sup> /h								
	DT	°C								
	P <sub>k</sub>	kW								
	P <sub>motor</sub>	kW								
	Lp(A) <sub>WAH</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>WAH</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>WAH</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.