

KHA系列矩形管道风机 “SIGMA” (后倾叶轮) Duct Fans "SIGMA"



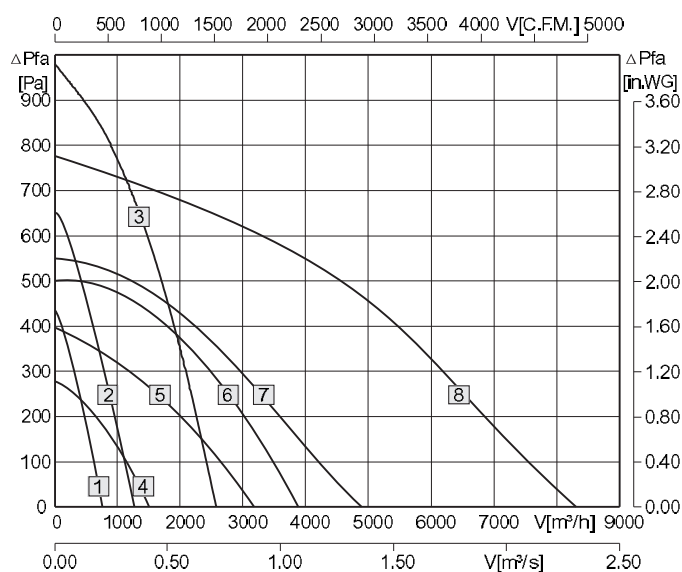
优点:

- 在20mm标准法兰上快速安装;
- 在任何地方都可以安装;
- 通过变压调速和电子调速, 实现0~100%无极调速;
- 体积小, 节约设计空间;
- 启动电流低;
- 电机有标准多热保护装置。

Advantages:

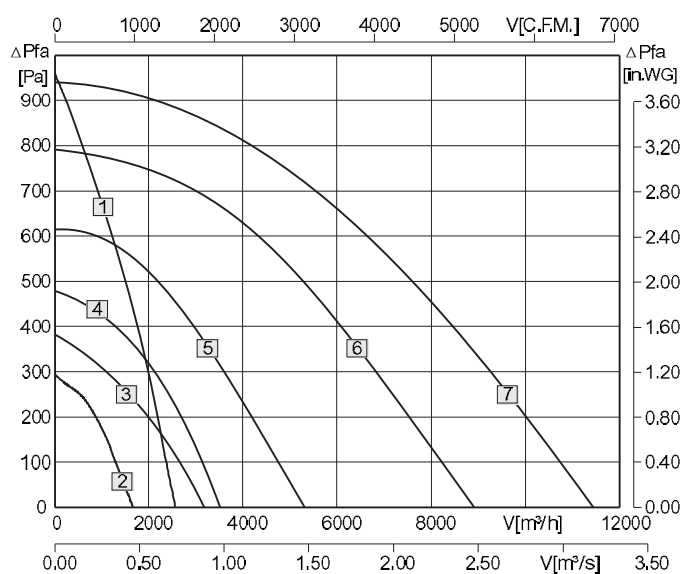
- Easy installation via 20mm standard flange
- Can be installed in any position
- The speed is 0-100% infinitely variable by auto transformers or electronic control
- Compact and space saving design
- Extremely low starting currents
- Motor protection by thermal contacts in motor windings as standard

KHA_管道风机快速选型图表:



U = 230 V

序号	型号	P [kW]	I [A]
1	KHAE 225-2 W (S)	0.12	0.52
2	KHAE 250-2 W (S)	0.24	1.04
3	KHAE 280-2 W (S)	0.73	3.20
4	KHAE 315-4 W (S)	0.14	0.68
5	KHAE 355-4 W (S)	0.32	1.45
6	KHAE 400-4 W (S)	0.54	2.60
7	KHAE 450-4 W (S)	0.68	3.00
8	KHAE 500-4 W (S)	1.62	7.30



U = 400 V

序号	型号	P [kW]	I [A]
1	KHAD 280-2 W (S)	0.62	1.00
2	KHAD 315-4 W (S)	0.15	0.33
3	KHAD 355-4 W (S)	0.29	0.55
4	KHAD 400-4 W (S)	0.49	0.90
5	KHAD 450-4 W (S)	0.78	1.55
6	KHAD 500-4 W (S)	1.70	3.50
7	KHAD 560-4 W (S)	2.60	4.70

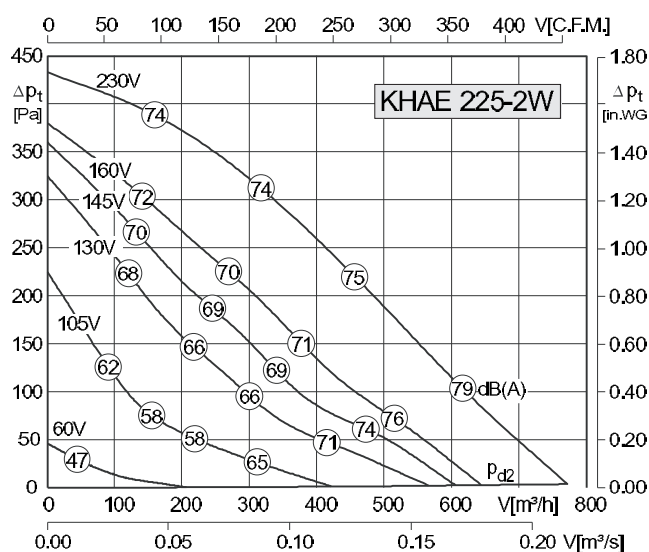
KHA_系列管道风机性能表

KHA_系列矩形管道风机性能表

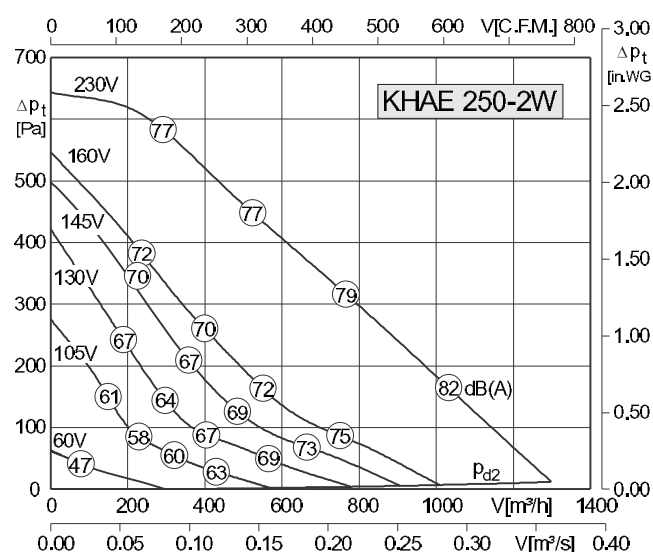


风量 (m³/h)

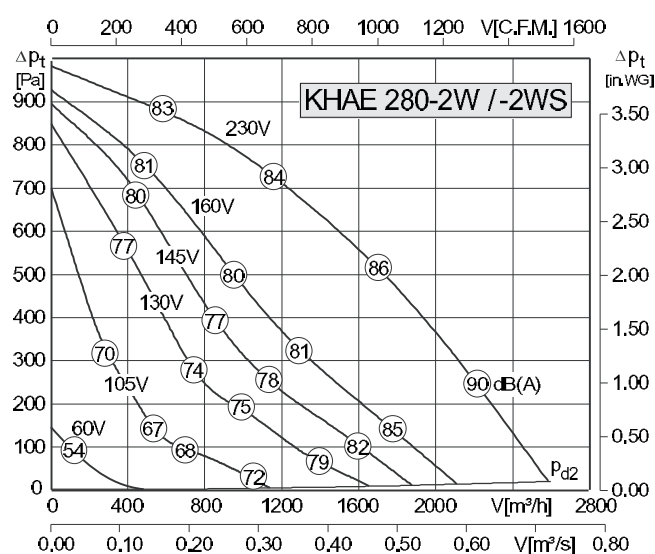
风机 型号	产品编码	电压	流量 Max	静压 Max	输入 功率	转速 n	重量 W	噪声* L _{PA2}	静压△Pfa (Pa)																		
									50	100	150	200	250	300	350	400	450	500	550	600	700	800	900	1000			
KHAE225-2 W	D14-22500	230	769	432	0.12	2640	12.5	50-55	690	616	550	482	415	340	247	125											
KHAE250-2 W	D14-25000	230	1298	642	0.24	2410	14	53-58	1213	1125	1039	963	875	787	695	612	515	433	349	242							
KHAE280-2 W	D14-28000	400	2578	981	0.73	2580	23.5	59-66	2504	2425	2335	2265	2180	2090	2000	1916	1812	1699	1592	1484	1212	898	452				
KHAE280-2 WS	D14-28010	230	2578	981	0.73	2580	26.5	59-66	2504	2425	2335	2265	2180	2090	2000	1916	1812	1699	1592	1484	1212	898	452				
KHAD280-2 W	D14-28050	400	2566	958	0.62	2440	21.5	58-65	2470	2377	2276	2185	2078	1971	1865	1770	1662	1555	1456	1328	935	592	238				
KHAD280-2 WS	D14-28060	400	2566	958	0.62	2440	24.5	58-66	2470	2377	2276	2185	2078	1971	1865	1770	1662	1555	1456	1328	935	592	238				
KHAE315-4 W	D14-31500	230	1744	315	0.165	1325	20	43-50	1562	1383	1200	940	948	152													
KHAE315-4 WS	D14-31510	230	1744	315	0.165	1325	23	43-50	1562	1383	1200	940	948	152													
KHAD315-4 W	D14-31550	400	1660	293	0.15	1340	20	43-50	1486	1302	1101	865	539														
KHAD315-4 WS	D14-31560	400	1660	293	0.15	1340	23	43-50	1486	1302	1101	865	539														
KHAE355-4 W	D14-35500	230	3177	397	0.32	1300	32	48-54	2932	2657	2315	1973	1718	1365	730												
KHAE355-4 WS	D14-35510	230	3177	397	0.32	1300	35	48-54	2932	2657	2315	1973	1718	1365	730												
KHAD355-4 W	D14-35550	400	3139	397	0.29	1300	31	48-54	2889	2622	2280	1933	1615	1236	571												
KHAD355-4 WS	D14-35560	400	3139	397	0.29	1300	34	48-54	2889	2622	2280	1933	1615	1236	571												
KHAE400-4 W	D14-40000	230	3883	480	0.54	1360	35	51-57	3674	3471	3245	3003	2717	2341	1929	1538	895										
KHAE400-4 WS	D14-40010	230	3883	480	0.54	1360	38	51-57	3674	3471	3245	3003	2717	2341	1929	1538	895										
KHAD400-4 W	D14-40050	400	3791	485	0.49	1310	33	50-56	3597	3378	3163	2905	2634	2342	2018	1588	757										
KHAD400-4 WS	D14-40060	400	3791	485	0.49	1310	36	50-56	3597	3378	3163	2905	2634	2342	2018	1588	757										
KHAE450-4 W	D14-45000	230	4877	549	0.68	1240	47	52-59	4565	4235	3904	3588	3258	2892	2535	2192	1785	1242									
KHAE450-4 WS	D14-45010	230	4877	549	0.68	1240	50	52-59	4565	4235	3904	3588	3258	2892	2535	2192	1785	1242									
KHAD450-4 W	D14-45050	400	5322	616	0.78	1355	47	53-60	5040	4745	4463	4168	3868	3595	3300	2995	2672	2317	1846	955							
KHAD450-4 WS	D14-45060	400	5322	616	0.78	1355	50	53-60	5040	4745	4463	4168	3868	3595	3300	2995	2672	2317	1846	955							
KHAE500-4 W	D14-50000	230	8377	776	1.62	1300	69	61-66	8010	7622	7242	6868	6508	6148	5767	5358	4998	4562	3995	3212	1454						
KHAD500-4 WS	D14-50010	230	8377	776	1.62	1300	72	61-66	8010	7622	7242	6868	6508	6148	5767	5358	4998	4562	3995	3212	1454						
KHAD500-4 W	D14-50050	400	8875	794	1.7	1390	69	61-66	8543	8204	7858	7512	7165	6854	6522	6175	5801	5407	4985	4472	3039						
KHAD500-4 WS	D14-50060	400	8875	794	1.7	1390	72	61-66	8543	8204	7858	7512	7165	6854	6522	6175	5801	5407	4985	4472	3039						
KHAD560-4 W	D14-56050	400	10994	922	2.4	1340	92	62-69	10726	10450	10182	9932	9655	9342	9028	8675	8250	7791	7292	6729	5308	3360	850				
KHAD560-4 WS	D14-56060	400	10994	922	2.4	1340	96	62-69	10726	10450	10182	9932	9655	9342	9028	8675	8250	7791	7292	6729	5308	3360	850				



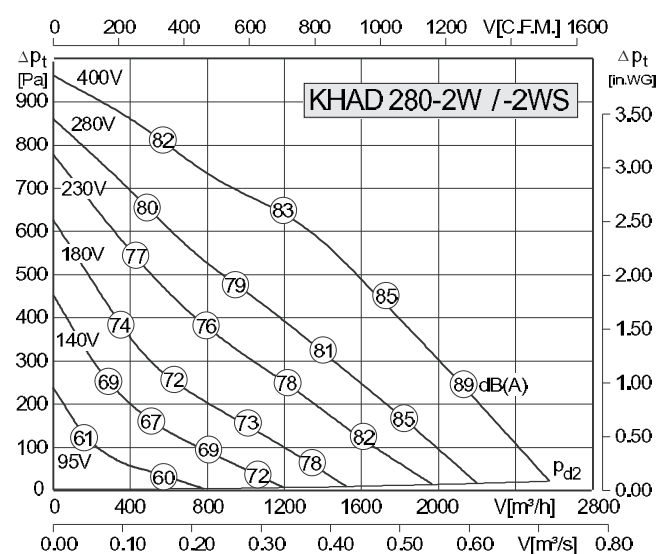
型号	KHAE 225-2W	产品编码	D14-22500
U	230 V	50 Hz	I_A / I_N 1.8
P_1	0.12 kW		IP44
I_N	0.52 A		01.009
n	2640 min ⁻¹		12.5 kg
C_{400V}	3 μF		RE/RTE1.5
t_R	50 °C		--
Δp_{famin}	-- Pa		--
ΔI	8 %		MSE 1



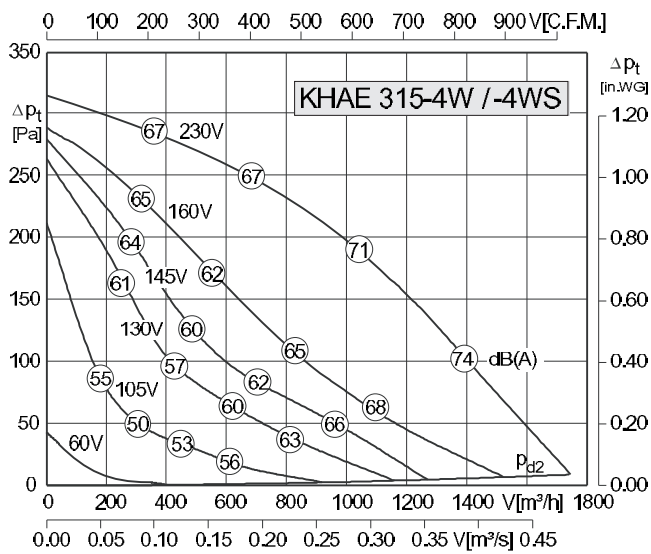
型号	KHAE 250-2W	产品编码	D14-22500
U	230 V	50 Hz	I_A / I_N 1.6
P_1	0.24 kW		IP44
I_N	1.04 A		01.009
n	2410 min ⁻¹		14 kg
C_{400V}	5 μF		RE/RTE1.5
t_R	45 °C		--
Δp_{famin}	-- Pa		--
ΔI	2 %		MSE 1



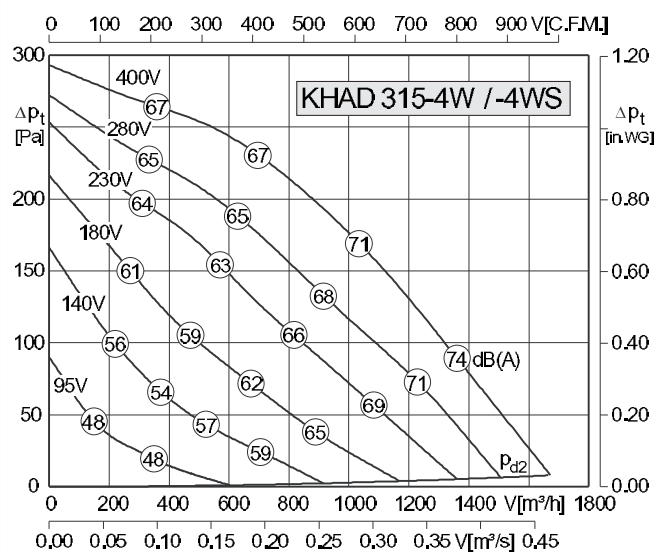
型号	KHAE 280-2 W / KHAE 280-2 WS	产品编码	D14-28000 / D14-28010
U	230 V	50 Hz	I_A / I_N 2.1
P_1	0.73 kW		IP54
I_N	3.2 A		01.024
n	2580 min ⁻¹		23,5 / 26,5 kg
C_{400V}	14 μF		RTE 5
t_R	60 °C		--
Δp_{famin}	-- Pa		--
ΔI	16 %		MSE 1



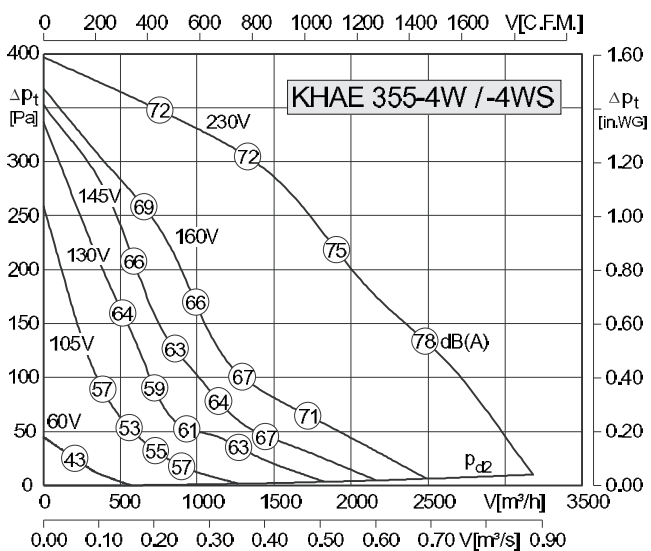
型号	KHAD 280-2 W / KHAD 280-2 WS	产品编码	D14-28050 / D14-28060
U	400 V	50 Hz	I_A / I_N 2.5
P_1	0.62 kW		IP54
I_N	1.00 A		01.006
n	2440 min ⁻¹		21,5 / 24,5 kg
C_{400V}	-- μF		RTD 1.2
t_R	65 °C		--
Δp_{famin}	-- Pa		--
ΔI	4 %		MSD 1



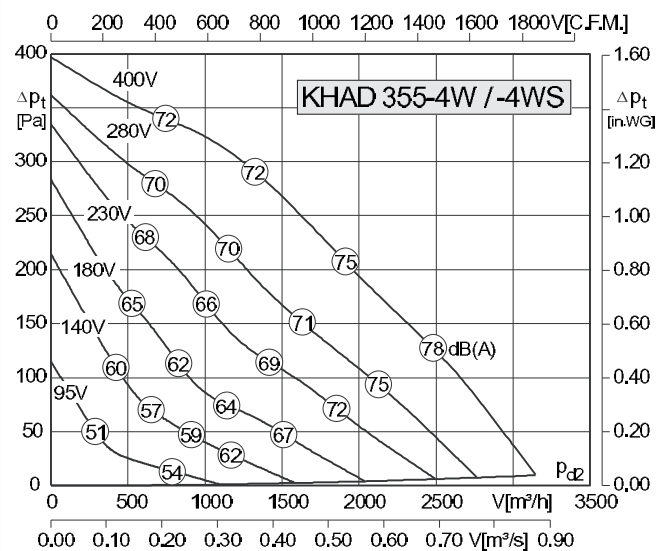
KHAE 315-4 W / KHAE 315-4 WS				产品编码 D14-31500 / D14-31510	
U	230 V	50	Hz	I_A / I_N	1.9
P_1	0.165	kW		$\triangle$	IP54
I_N	0.73	A		$\star$	01.024
n	1325	min ⁻¹		$\blacksquare$	20 / 23 kg
C_{400V}	4	μ F		$\blacksquare$	RE/RTE 1.5
t_R	50	°C		$\blacksquare$	-
Δp_{famin}	-	Pa		∇	-
ΔI	4	%		$\square$	MSE 1



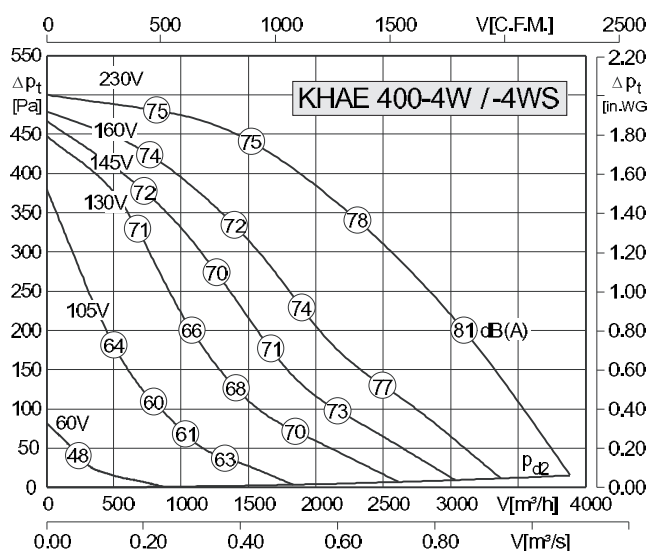
KHAD 315-4 W / KHAD 315-4 WS				产品编码 D14-31550 / D14-31560	
U	400 V	50	Hz	I_A / I_N	2.8
P_1	0.15	kW		$\triangle$	IP54
I_N	0.33	A		$\star$	01.006
n	1340	min ⁻¹		$\blacksquare$	20 / 23 kg
C_{400V}	-	μ F		$\blacksquare$	RTD 1.2
t_R	70	°C		$\blacksquare$	-
Δp_{famin}	-	Pa		∇	-
ΔI	-	%		$\square$	MSD 1



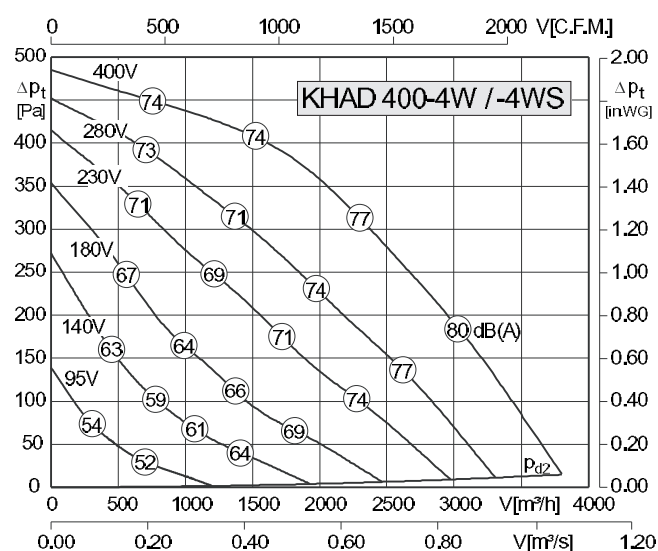
KHAE 355-4 W / KHAE 355-4 WS				产品编码 D14-35500 / D14-35510	
U	230 V	50	Hz	I_A / I_N	2
P_1	0.32	kW		$\triangle$	IP54
I_N	1.45	A		$\star$	01.024
n	1300	min ⁻¹		$\blacksquare$	32 / 35 kg
C_{400V}	6	μ F		$\blacksquare$	RE/RTE 3.2
t_R	40	°C		$\blacksquare$	-
Δp_{famin}	-	Pa		∇	-
ΔI	8	%		$\square$	MSE 1



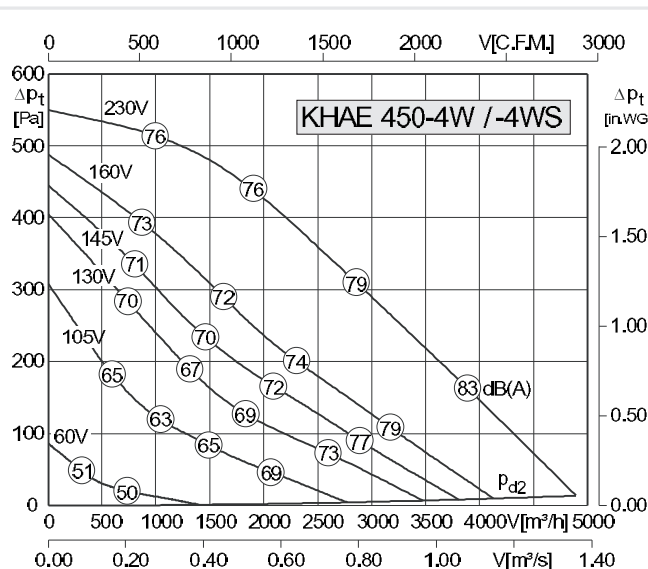
KHAD 355-4 W / KHAD 355-4 WS				产品编码 D14-35550 / D14-35560	
U	400 V	50	Hz	I_A / I_N	2.8
P_1	0.29	kW		$\triangle$	IP54
I_N	0.55	A		$\star$	01.006
n	1300	min ⁻¹		$\blacksquare$	31 / 34 kg
C_{400V}	-	μ F		$\blacksquare$	RTD 1.2
t_R	60	°C		$\blacksquare$	-
Δp_{famin}	-	Pa		∇	-
ΔI	-	%		$\square$	MSD 1



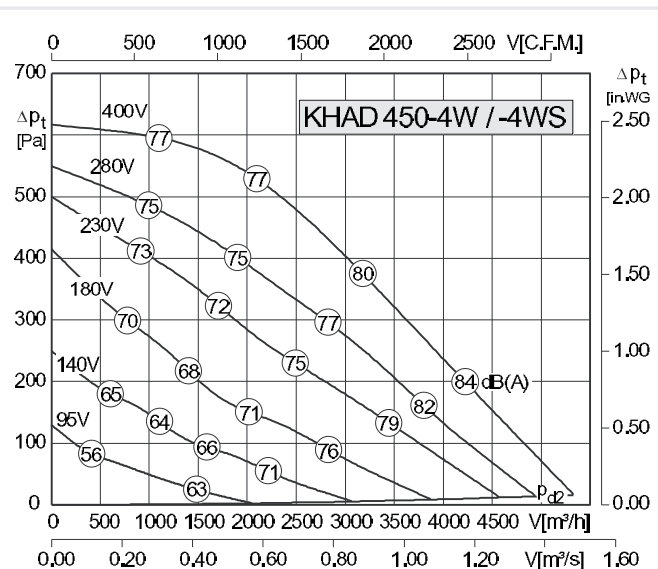
KHAE 400-4 W / KHAE 400-4 WS				产品编码 D14-40000 / D14-40010	
U	230 V	50 Hz	I_A / I_N	2.5	
P_1	0.54 kW			IP54	
I_N	2.60 A			01.024	
n	1360 min ⁻¹			35 / 38 kg	
C_{400V}	12 μF			RE/RTE3.2	
t_R	50 °C			--	
Δp_{famin}	-- Pa			--	
ΔI	12 %			MSE 1	



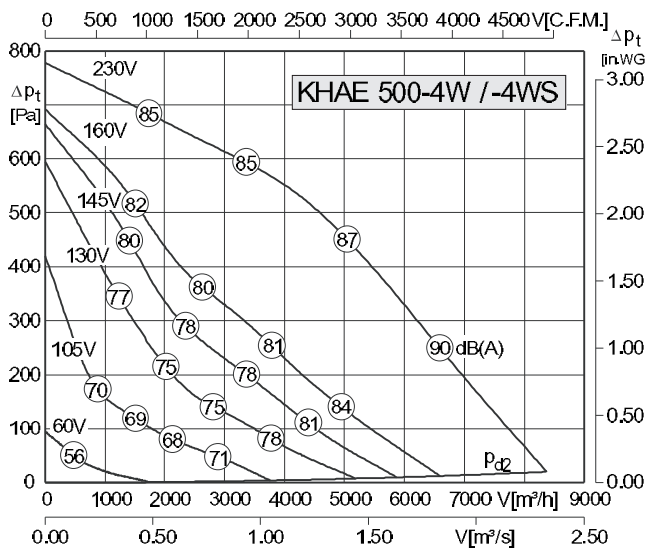
KHAD 400-4 W / KHAD 400-4 WS				产品编码 D14-40050 / D14-40060	
U	400 V	50 Hz	I_A / I_N	3.2	
P_1	0.49 kW			IP54	
I_N	0.90 A			01.006	
n	1310 min ⁻¹			33 / 36 kg	
C_{400V}	-- μF			RTD 1.2	
t_R	40 °C			--	
Δp_{famin}	-- Pa			--	
ΔI	10 %			MSD 1	



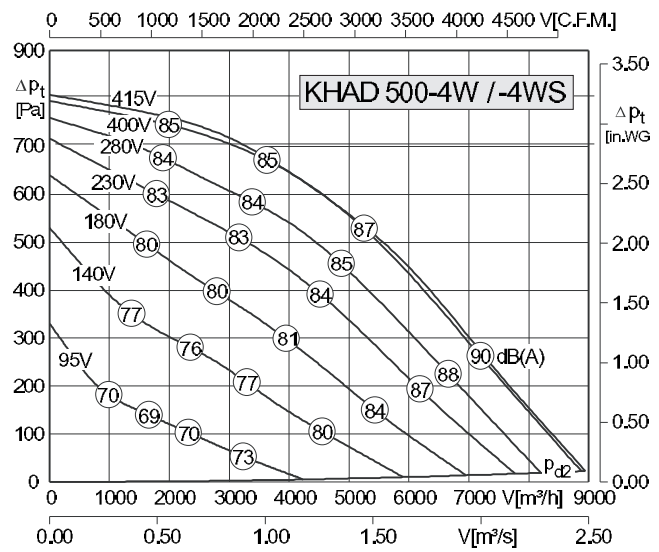
KHAE 450-4 W / KHAE 450-4 WS				产品编码 D14-45000 / D14-45010	
U	230 V	50 Hz	I_A / I_N	2.0	
P_1	0.68 kW			IP54	
I_N	3.00 A			01.024	
n	1240 min ⁻¹			47 / 50 kg	
C_{400V}	16 μF			RE/RTE5.0	
t_R	50 °C			--	
Δp_{famin}	-- Pa			--	
ΔI	13 %			MSE 1	



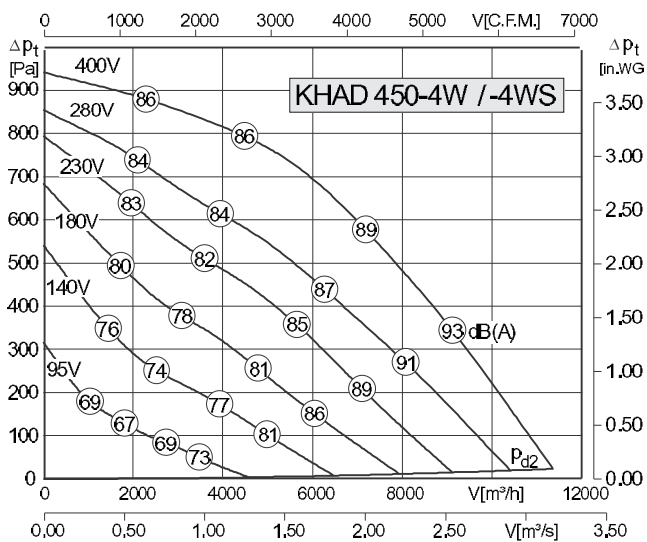
KHAD 450-4 W / KHAD 450-4 WS				产品编码 D14-45050 / D14-45060	
U	400 V	50 Hz	I_A / I_N	2.5	
P_1	0.78 kW			IP54	
I_N	1.55 A			01.006	
n	1355 min ⁻¹			47 / 50 kg	
C_{400V}	-- μF			RTD 2.5	
t_R	55 °C			--	
Δp_{famin}	-- Pa			--	
ΔI	5 %			MSD 1	



KHAE 500-4 W / KHAE 500-4 WS				产品编码 D14-50000 / D14-50010	
U	230 V	50	Hz	I_A / I_N	2.2
P_1	1.62	kW		$\triangle$	IP54
I_N	7.30	A		$\star$	01.024
n	1300	min ⁻¹			69 / 72 kg
C_{400V}	30	μF			RE/RTE 10
t_R	40	°C			--
$\Delta p_{fa min}$	--	Pa			--
ΔI	8	%			MSE 1



KHAD 500-4 W / KHAD 500-4 WS				产品编码 D14-50050 / D14-50060	
U	400 V	50	Hz	I_A / I_N	4.3
P_1	1.70	kW		$\triangle$	IP54
I_N	3.50	A		$\star$	01.006
n	1390	min ⁻¹			69 / 72 kg
C_{400V}	--	μF			RTD 5.0
t_R	55	°C			--
$\Delta p_{fa min}$	--	Pa			--
ΔI	9.5	%			MSD 1



KHAD 560-4 W / KHAD 560-4 WS				产品编码 D14-56050 / D14-56060	
U	400 V	50	Hz	I_A / I_N	4.2
P_1	2.40	kW		$\triangle$	IP54
I_N	4.50	A		$\star$	01.006
n	1340	min ⁻¹			96 kg
C_{400V}	--	μF			RTD 5.0
t_R	45	°C			--
$\Delta p_{fa min}$	--	Pa			--
ΔI	6	%			MSD 1