

Aerzener blowers series HV have been designed for conveying air and neutral gases and are especially used in industrial high vacuum technology. With a total of 19 sizes, the blowers cover a theoretical nominal intake volume flow from 180 m³/h . to 97,000 m³/h and pressure ranges 10⁻³ mbar abs up to approx. 200 mbar abs.



Examples for the various fields of applications:

- Coating technology
 - * Chemical process technology
 - * Metallurgy/ construction of melting furnaces
 - * Packing industry
 - * Central vacuum systems
 - * Helium leakage detection units
 - * Manufacture of lamps
 - * Drying technology
 - * Machine construction
 - * Electronics
 - * Automotive industry

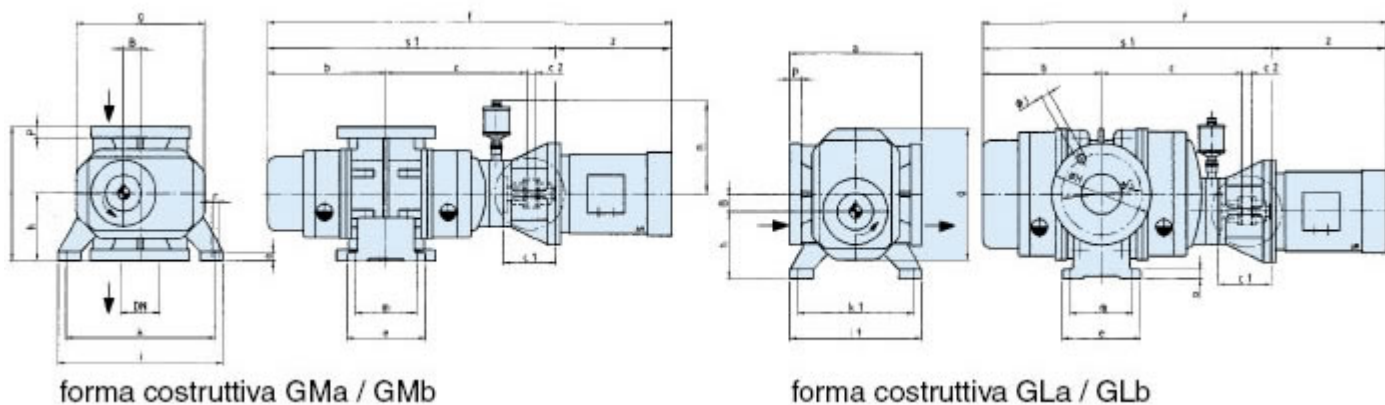
規格:

Size	Theoretical suction volume S _{th} with operation on 50 Hz / 60 Hz	Max. admissible differential pressure for motor power	Oil filling quantities for Noise level		Motor power on 50 Hz 60 Hz	Motor constructive form	Speed on 50 Hz / 60 Hz	Voltage on 50 Hz / 60 Hz	
			GMa/b	GLa/b				Kw	[1/min]
GMa 10.0	180	130	0,9	0,7	0,75 / 0,85	80	3000 / 3600	230	400 -
GLa HV	250							400	480
GMa 10.1	250	140	0,9	0,7	1,1 / 1,32	80	3000 / 3600	230	400 -
GLa HV	300							400	480
GMa 10.2	365	130	0,9	0,7	1,5 / 1,8	90 S	3000 / 3600	230	400 -
GLa HV	450							400	480
GMa 11.3	500	140	1,1	0,8	2,2 / 2,6	90 L	3000 / 3600	230	400 -
GLa HV	600							400	480
GMa 11.4	750	130	1,1	0,8	3 / 3,6	100 L	3000 / 3600	400	400 -
GLa HV	900							690	480
GMa 12.5	1000	130	1,5	1,1	4 / 4,8	100 L	3000 / 3600	400	400 -
GLa HV	1200							690	480
GMa 12.6	1430	130	1,5	1,1	5,5 / 6,3	112 M	3000 / 3600	400	400 -
GLa HV	1700							690	480
GMa 13.f7	2000	110	2,5	2,1	7,5 / 8,8	132 S	3000 / 3600	400	400 -
GLa HV	2400							690	480
GMa 13.8	2900	100	2,5	2,1	11 / 12,5	160 M	3000 / 3600	400	400 -
GLa HV	3450							690	480
GMa 14.9	3900	80	7	3,5	11 / 12,5	160 M	3000 / 3600	400	400 -
GLa HV	4700							690	480
GMa 15.10	5600	80	12	5,4	15 / 17	160 M	3000	400	400 -

GLa	HV	6700															3600	690	480
GMa	15.11	7500	80	12	5,4	18,5 /	160 L										3000	400	400 -
GLa	HV	9000				21											3600	690	480
GMa	16.f13	8150	75	11	7,6	18,5 /	180 M										1500	400	400 -
GLa	HV	9800				21											1800	690	480
GMa	16.13	9750	75	11	7,6	22 / 25	180 L										1500	400	400 -
GLa	HV	11700															1800	690	480
GMa	17.15	16000	60	18,5	-	30 / 36	200 L										1500	400	400 -
GLa	HV	18825															1800 *	690	480

* = only with rotary pistons material EN-GJS-400-15 (GGG-40)

尺寸:



Model	a	b	c	c1	e	f	g	h	i	il	k	k1	m	n	s1	z	DN	G	H	Peso CA kg
GM a 10.0 GL a HV	264	224	262	106	152	780	258	132	332	264	300	232	120	250	544	236	50	125	165	95
GM a 10.1 GL a HV	264	239	283	106	157	816	258	132	332	264	300	232	125	250	580	232	80	160	200	105
GM a 10.2 GL a HV	264	287	324	116	239	933 958	258	132	332	264	300	232	207	250	679	254 279	80	160	200	125
GM a 11.3 GL a HV	320	280	324	134	200	951	295	160	390	300	350	260	150	250	672	279	100	180	220	150
GM a 11.4 GL a HV	320	330	374	146	290	110 0	295	160	390	300	350	260	245	250	784	316	100	180	220	180

GM a	12.5	360	325	380	186	260	111	360	180	440	336	400	296	210	250	785	333	100	180	220	230
GL a	HV						8														
GM a	12.6	360	381	436	206	340	128	360	180	500	396	460	356	290	250	917	372	150	240	285	295
GL a	HV						9														
GM a	13.f7	400	375	423	206	330	127	436	200	570	440	510	380	270	250	907	372	150	240	285	345
GL a	HV						6														
GM a	13.8	400	445	493	234	470	156	436	200	570	440	510	380	410	250	107	488	150	240	285	485
GL a	HV						0								5						
GM a	14.9	500	470	510	263	350	160	538	250	652	484	600	432	290	260	111	488	200	295	340	580
GL a	HV						6									8		*			
GM a	15.10	630	468	545	281	360	162	652	315	800	588	720	508	280	270	115	486	200	295	340	770
GL a	HV						9									1		*			
GM a	15.11	630	533	610	281	490	181	652	315	800	588	720	508	410	270	128	532	250	350	395	840
GL a	HV						3									1		*			
GM a	16.f1	710	620	717	297	670	203	810	355	910	640	830	560	525	290	148	554	300	400	445	1350
GL a	3 HV						6									2		*			
GM a	16.13	710	685	717	297	800	220	810	355	910	640	830	560	655	290	161	592	300	400	445	1400
GL a	HV						4									2		*			
GM a	17.15	1000	782	825	297	855	242	100	500	930	920	810	810	725	290	175	669	350	460	505	2300
GL a	HV						1	5								2		*			