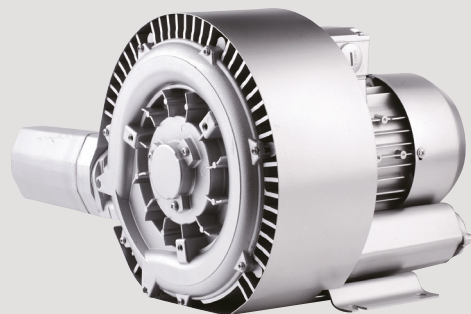
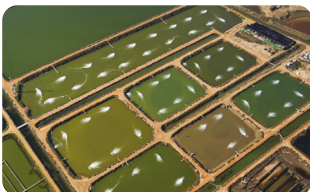




Water & Industry

Side Channel
Blowers 2025



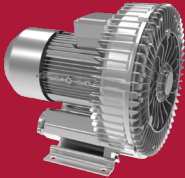
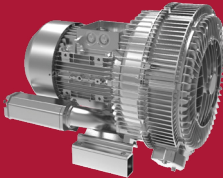
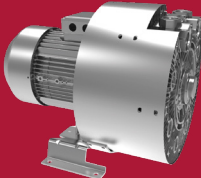


Side Channel Blowers

Vacuum and blast air systems



Product Overview

	Single Impeller	Double Impeller	Triple Impeller
			
Connections	from 1" to 4"	from 1 ¼" to 5"	1 ¼"
Flow Rate	40 – 1,370 m³/h	47 – 2,050 m³/h	170 m³/h
Pressure	70 – 480 mbar	240 – 820 mbar	1050 mbar
Vacuum	-60 – -340 mbar	-200 – -500 mbar	-340 mbar
Motor	Single or 3-Phase	Single or 3-Phase	3-Phase
Noise	46 – 71 dBA	58 – 84 dBA	72 dBA

Side Channel Blowers

SEKO's range of side channel blowers are an effective solution for air displacement in many applications.

Side channel blowers are the first choice in many automation projects for applications that require large volumes of clean, dry air to be moved with low pressures and voids. SEKO's product offering features ease of installation like our other products, with low operating noise levels and low energy consumption.

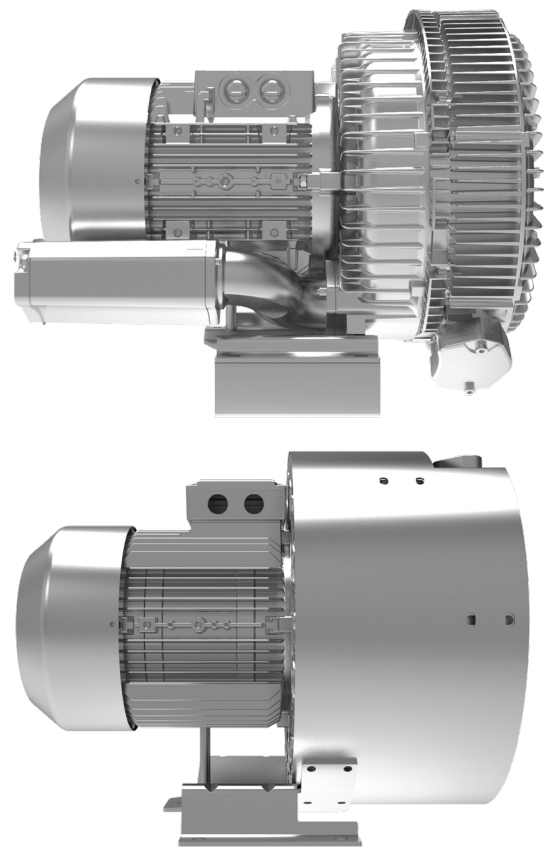
Side channel compressors and vacuum pumps

Side channel blowers work on the principle that lateral channels can operate both in suction and compression, and are designed to work in continuous service. The impeller is mounted directly on the motor shaft and this, together with a housing specially shaped to form the side channel, provides frictionless operation.

SEKO's side channel blowers are constructed of die-cast aluminium, guaranteeing maximum robustness and easy handling. Lubrication is not necessary because there is no contact between static and rotating parts.

The pumped medium is sucked in and compressed which makes it possible to use a side channel blower to generate both a vacuum and blast air.

The rated power of the engine determines the maximum differential pressure of blower. The silencers installed on the sides of the supply and exhaust system ensures quiet operation. Maximum operational reliability, even with high differential is ensured by having the bearings outside the compression chamber.

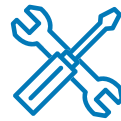


Features & benefits



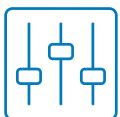
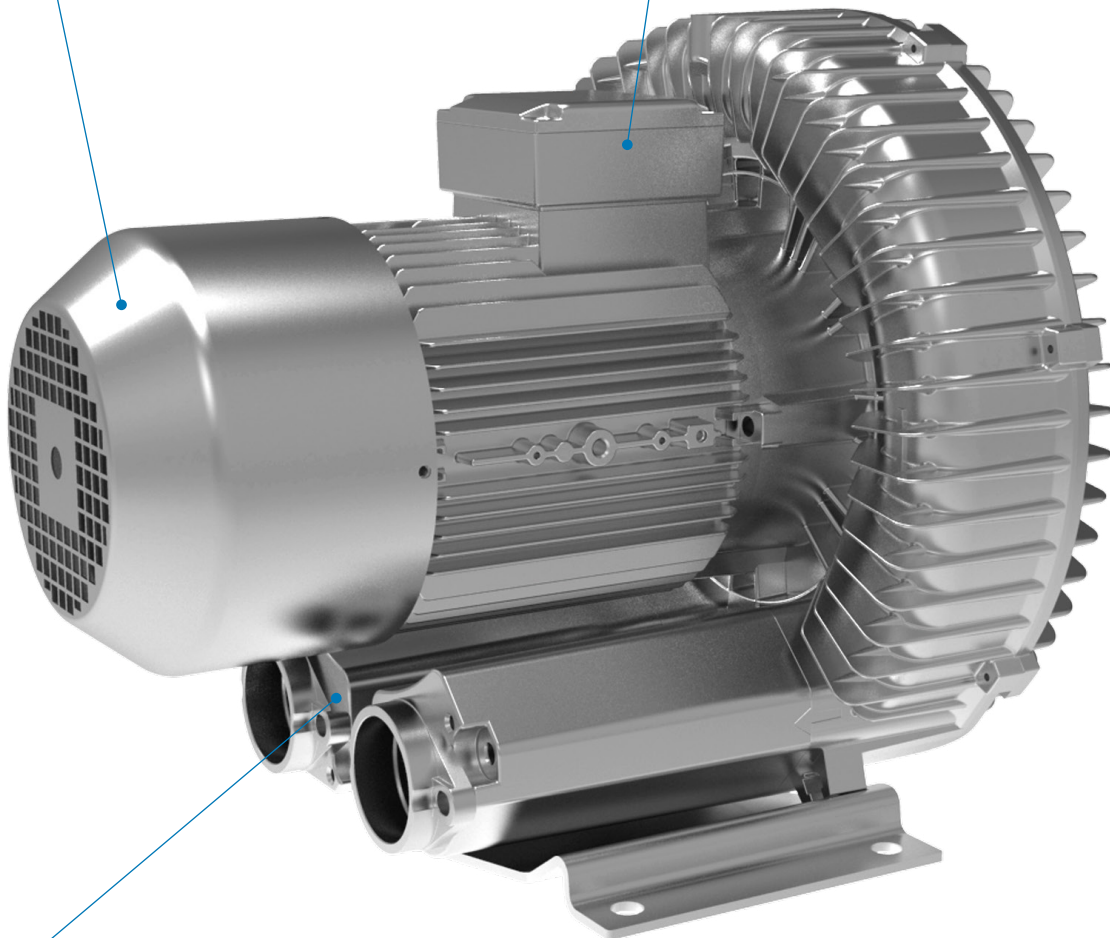
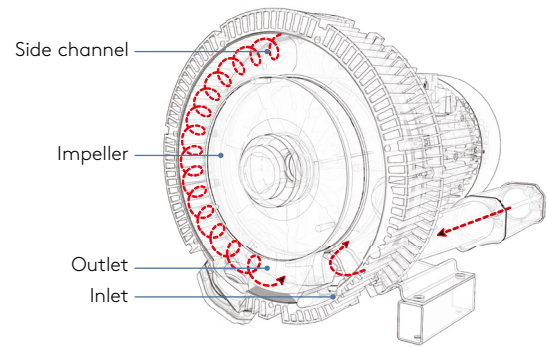
Motor advantages

All SEKO blowers use 2-pole motors with the range including both single-phase and three-phase motors. Dual frequency (50/60Hz) makes the devices usable in many regions of the world, while the design choice of placing the bearing outside of the compression chamber allows them to tolerate high working temperatures and improves the reliability and service life of the blower. The machines are suitable for operation with inverters.



Performance advantages

The precision machine tool cutting ensures the accuracy and quality of the blower and all products go through a strict mechanical and electrical performance test. By using PROE, UG, CAD and other computer-aided design software and motion simulations, designers can test and validate all features and performance of the devices prior to production commencing.



Product design advantages

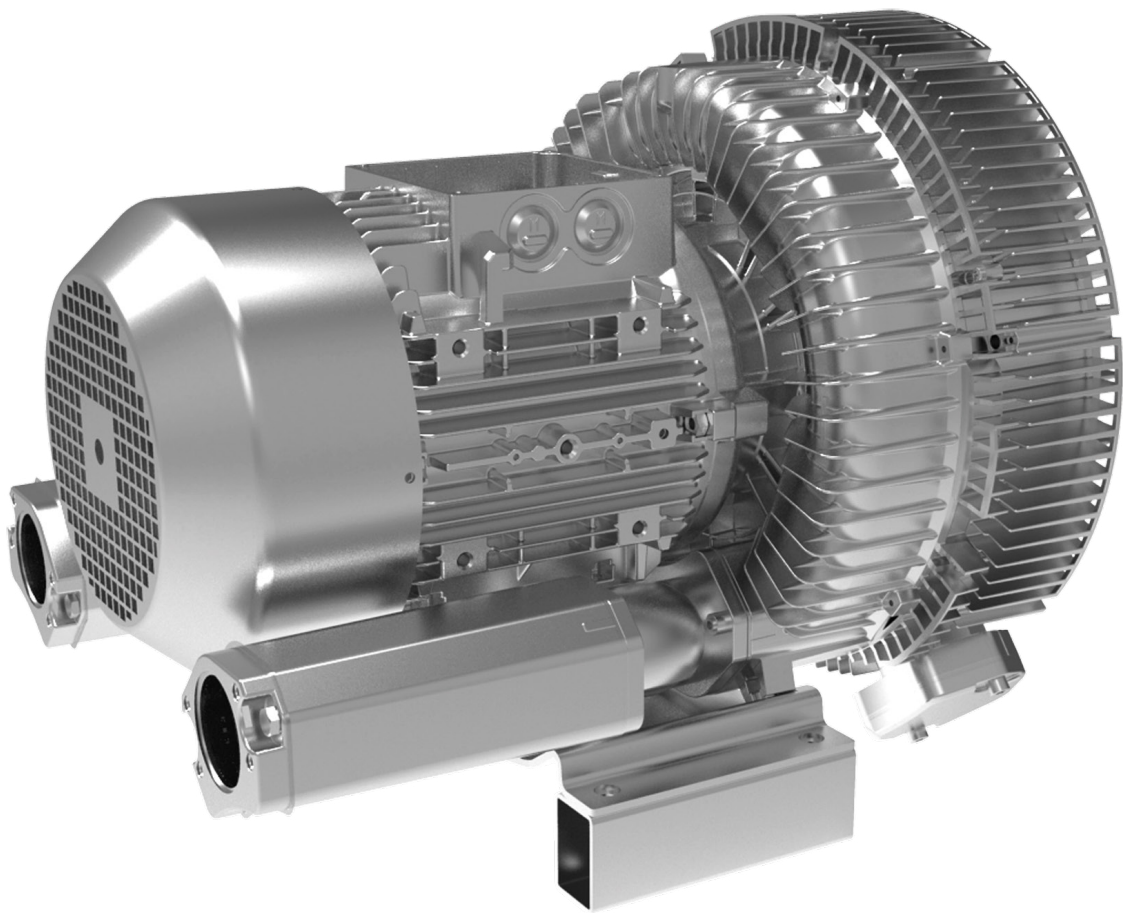
After moulding for die-casting of aluminium alloys, the machining of completed parts and the accurate cutting process guarantee an improvement in terms of precision compared to traditional technologies. The design of the impeller improves the overall performance of the machine, while its IP55 protection and class F electrical insulation make it suitable for hundreds of applications all over the world.

Operating principle

The impellers are mounted directly on the motor shaft for non-contact, frictionless compression. Maximum operational reliability, even at high differential, is ensured by the arrangement of the bearings outside the compression chamber.

The gas is taken in through the inlet. As it enters the side channel, the rotating impeller imparts velocity to the gas in the direction of rotation. Centrifugal force in the impeller blades accelerates the gas outward and pressure increases. Every rotation adds kinetic energy.

This results in the further increase of pressure along the side channel. The side channel narrows at the rotor, sweeping the gas off the impeller blades and discharging it through the outlet silencer where it exits the side channel blower.



Single Impeller

Technical data

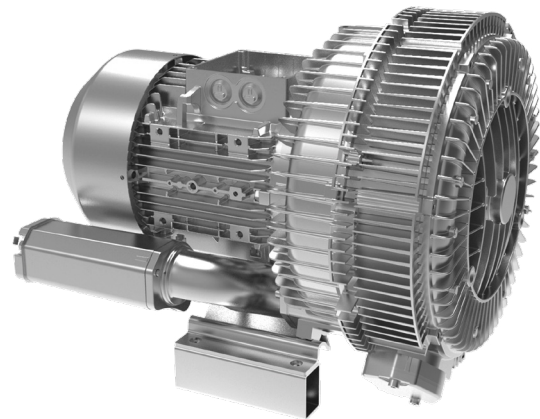
Connection	from 1" to 4"
Flow rate	from 40 to 1,370 m ³ /h
Pressure	from 70 to 480 mbar
Vacuum	from -60 to -340 mbar
Motor	Single or 3-Phase
Noise	from 46 to 71 dB A



Double Impeller

Technical data

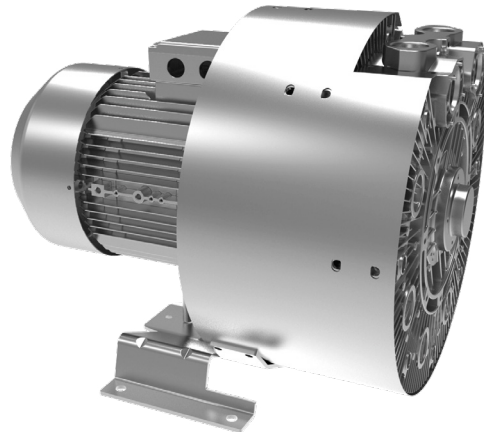
Connection	from 1 1/4" to 5"
Flow rate	from 47 to 2,050 m ³ /h
Pressure	from 240 to 820 mbar
Vacuum	from -200 to -500 mbar
Motor	Single or 3-Phase
Noise	from 58 to 84 dB A



Triple Impeller

Technical data

Connection	1 1/4"
Flow rate	170 m ³ /h
Pressure	1,050 mbar
Vacuum	-730 mbar
Motor	3-Phase
Noise	72 dB A



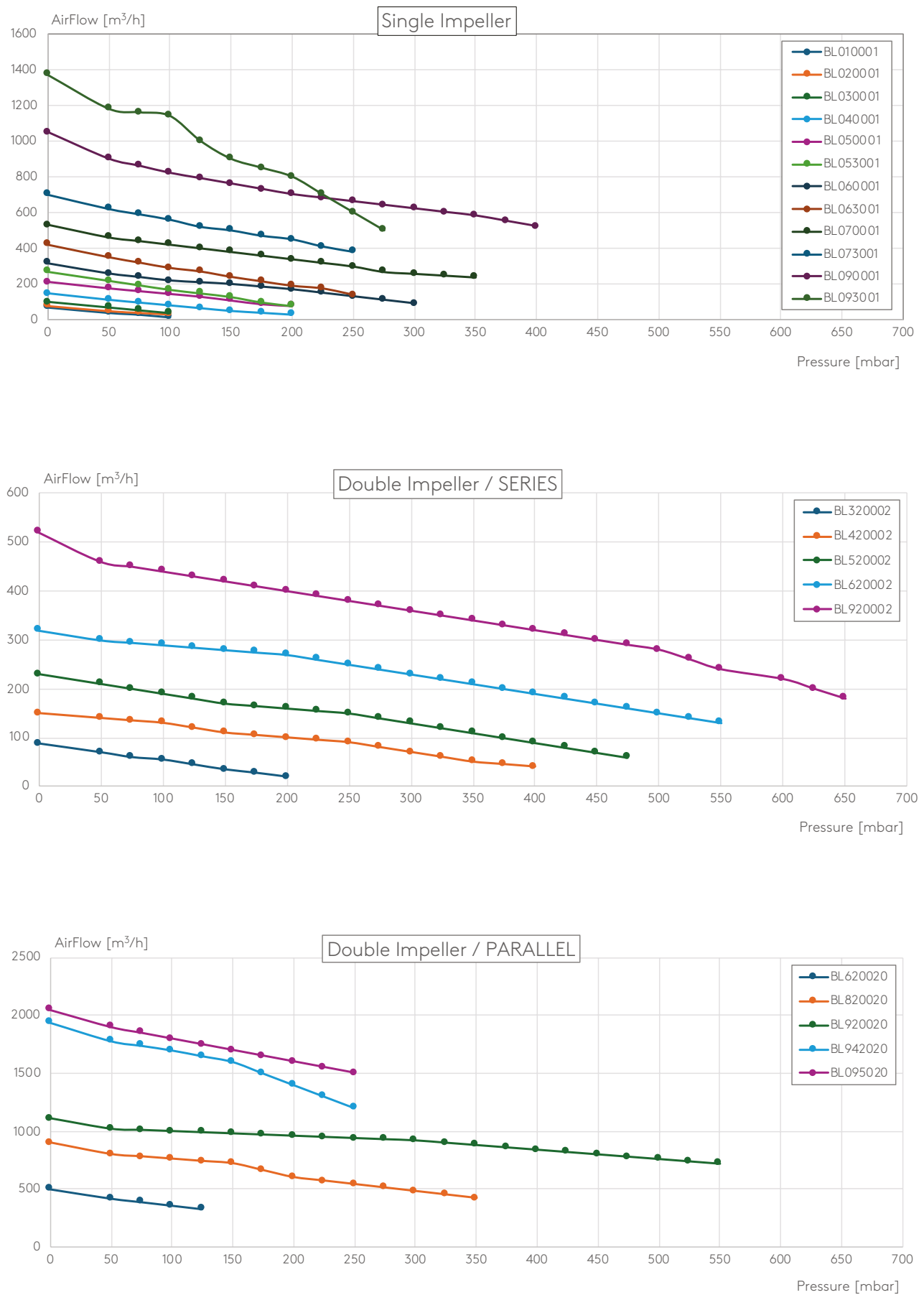
Blowers performance selection 3ph at 50 Hz (2,900 rpm)

Single Impeller		Pressure (mbar)																								Noise dB (A)			
		0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625		650		
1"	BL010001	kW	0.2	0.2	0.2	0.2																			48				
		m³/h	70	40	30	15																							
1 ¼"	BL020001	kW	0.4	0.4	0.4	0.4																			53				
		m³/h	80	50	40	30																							
	BL030001	kW	0.55	0.55	0.55	0.55																			57				
		m³/h	100	70	55	40																							
1 ½"	BL040001	kW	0.85	0.85	0.85	0.85	1.3	1.3	1.3	1.3															63				
		m³/h	145	110	95	80	65	50	40	30																			
2"	BL050001	kW	1.3	1.3	1.3	1.3	1.3	1.3	1.5	2.2															64				
		m³/h	210	175	160	145	130	110	90	80																			
	BL053001	kW	1.3	1.3	1.3	1.3	1.3	1.3	2.2	2.2															65				
		m³/h	270	220	195	170	150	130	100	80																			
	BL060001	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3	3	3	4											69				
		m³/h	318	260	240	220	210	200	185	170	150	130	110	90															
	BL063001	kW	2.2	2.2	2.2	2.2	2.2	2.2	4	4	4	4													70				
		m³/h	420	350	320	290	270	240	215	190	175	140																	
2 ½"	BL070001	kW	4.3	4.3	4.3	4.3	4.3	4.3	5.5	5.5	5.5	5.5	5.5	5.5	7.5	7.5											70		
		m³/h	530	460	440	420	400	380	360	340	320	300	270	260	250	240													
	BL073001	kW	4.3	4.3	4.3	4.3	4.3	5.5	5.5	7.5	7.5	7.5															70		
		m³/h	700	620	590	560	520	500	470	450	410	380																	
4"	BL090001	kW	8.5	8.5	8.5	8.5	8.5	8.5	8.5	12.5	12.5	12.5	15	15	15	15	18.5	18.5											74
		m³/h	1050	900	860	820	790	760	730	700	680	660	640	620	600	580	550	520											
	BL093001	kW	8.5	8.5	12.5	12.5	12.5	18.5	18.5	18.5	18.5															75			
		m³/h	1370	1180	1160	1140	1000	900	850	800	700	600	500																

Double Impeller Series		Pressure (mbar)																								Noise dB (A)		
		0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625		650	
1¼"	BL320002	kW	0.7	0.7	0.7	0.7	0.7	0.7	0.7																	55		
		m³/h	88	70	60	55	45	35	28	20																		
1½"	BL420002	kW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.2	2.2	2.2	2.2	2.2									66		
		m³/h	150	140	135	130	120	110	105	100	95	90	80	70	60	50	45	40										
2"	BL520002	kW	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4						72		
		m³/h	230	210	200	190	180	170	165	160	155	150	140	130	120	110	100	90	80	70	60							
	BL620002	kW	4	4	4	4	4	4	4	4	4	4	4	4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	7.5	7.5			73	
		m³/h	320	300	295	290	285	280	275	270	260	250	240	230	220	210	200	190	180	170	160	150	140	130				
2½"	BL920002	kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11	11	11	11	11	11	74
		m³/h	520	460	450	440	430	420	410	400	390	380	370	360	350	340	330	320	310	300	290	280	260	240	220	200	180	

Double Impeller Parallel		Pressure (mbar)																								Noise dB (A)	
		0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625		650
2"	BL620020	kW	4	4	4	4	4																			74	
		m³/h	500	420	390	360	330																				
2½"	BL820020	kW	7.5	7.5	7.5	7.5	7.5	7.5	11	11	11	11	11	11	11											74	
		m³/h	900	800	780	760	740	720	660	600	570	540	510	480	450	420											
4"	BL920020	kW	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	20	20	20	20	20	20	25	25				74
		m³/h	1110	1020	1010	1000	990	980	970	960	950	940	930	920	900	880	860	840	820	800	780	760	740	720			
	BL942020	kW	15	15	15	15	20	20	20	20	25	25															75
		m³/h	1940	1780	1740	1700	1650	1600	1500	1400	1300	1200															
5"	BL095020	kW	15	15	15	15	15	15	20	20	20	25														75	
		m³/h	2050	1900	1850	1800	1750	1700	1650	1600	1550	1500															

Blowers performance selection 3ph at 50 Hz (2,900 rpm)



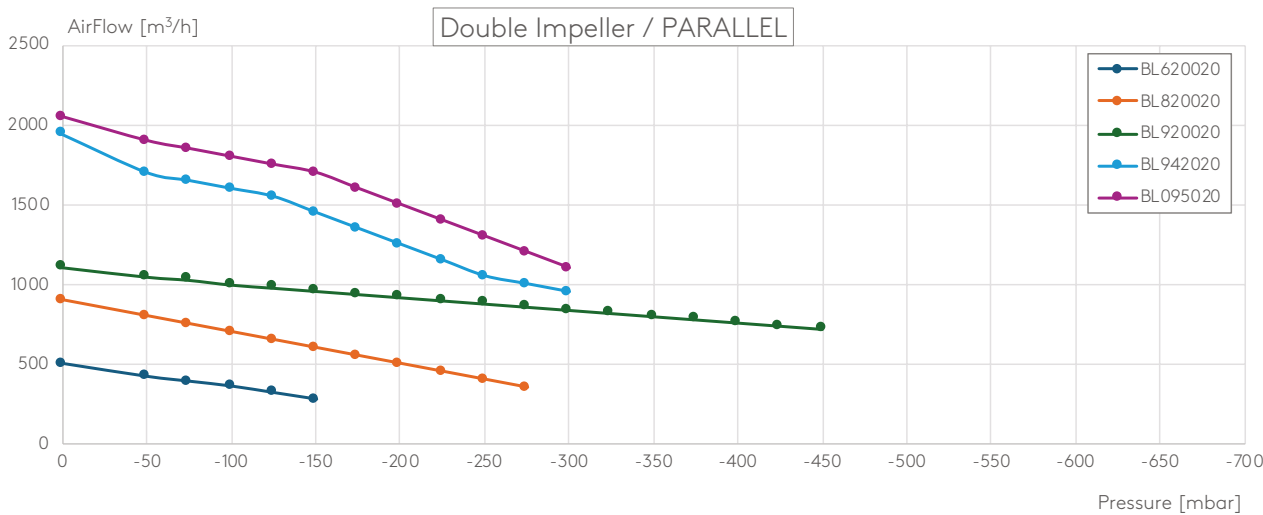
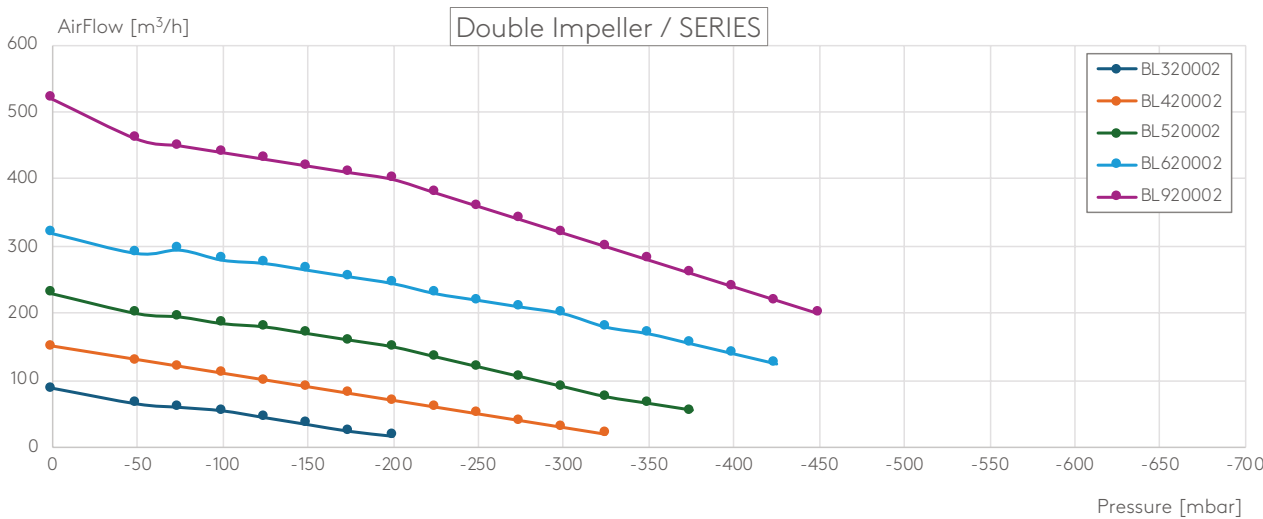
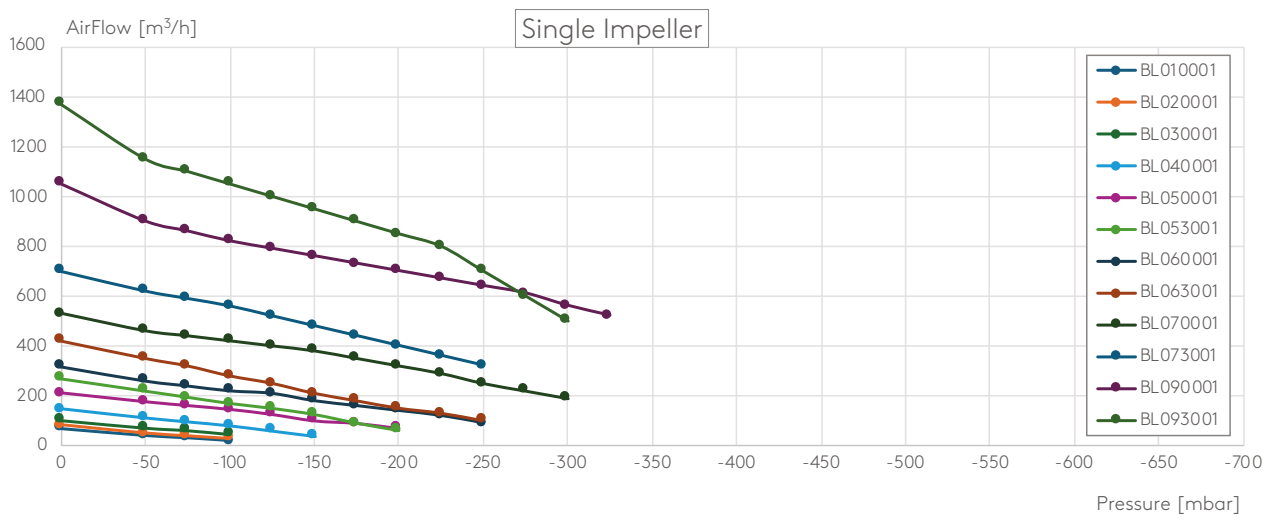
Exhausters performance selection 3ph at 50 Hz (2,900 rpm)

Single Impeller		Pressure (mbar)																								Noise dB (A)
		0	-50	-75	-100	-125	-150	-175	-200	-225	-250	-275	-300	-325	-350	-375	-400	-425	-450	-475	-500	-525	-550	-600	-625	
1"	BL010001	kW	0.2	0.2	0.2	0.2																				48
		m³/h	70	40	30	18																				
1 ¼"	BL020001	kW	0.4	0.4	0.4	0.4																			53	
		m³/h	80	50	40	30																				
	BL030001	kW	0.55	0.55	0.55	0.55																				57
		m³/h	100	70	60	45																				
1 ½"	BL040001	kW	0.85	0.85	0.85	0.85	0.85	0.85																	63	
		m³/h	145	110	95	80	60	40																		
2"	BL050001	kW	1.3	1.3	1.3	1.3	1.3	1.3	1.5	1.5															64	
		m³/h	210	175	160	145	125	100	90	70																
	BL053001	kW	1.5	1.5	1.5	1.5	1.5	1.5	2.2	2.2															65	
		m³/h	270	220	195	170	150	125	90	60																
	BL060001	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3	3													69	
		m³/h	318	260	240	220	210	180	160	140	120	90														
	BL063001	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3	4	4													70	
		m³/h	420	350	320	280	250	210	180	150	130	100														
2 ½"	BL070001	kW	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.5	5.5	5.5	5.5											70	
		m³/h	530	460	440	420	400	380	350	320	290	250	220	190												
	BL073001	kW	4	4	4	4	4	4	5.5	5.5	7.5	7.5													70	
		m³/h	700	620	590	560	520	480	440	400	360	320														
4"	BL090001	kW	8.5	8.5	8.5	8.5	8.5	8.5	8.5	12.5	12.5	12.5	15	18.5											74	
		m³/h	1050	900	860	820	790	760	730	700	670	640	610	560	520											
	BL093001	kW	8.5	8.5	8.5	8.5	12.5	12.5	12.5	12.5	18.5	18.5	18.5	18.5											75	
		m³/h	1370	1150	1100	1050	1000	950	900	850	800	700	600	500												

Double Impeller Series		Pressure (mbar)																								Noise dB (A)			
		0	-50	-75	-100	-125	-150	-175	-200	-225	-250	-275	-300	-325	-350	-375	-400	-425	-450	-475	-500	-525	-550	-600	-625		-650		
1¼"	BL320002	kW	0.7	0.7	0.7	0.7	0.7	0.7	0.7																	55			
		m³/h	88	65	60	55	45	35	25	18																			
1½"	BL420002	kW	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.2	2.2											66				
		m³/h	150	130	120	110	100	90	80	70	60	50	40	30	20														
2"	BL520002	kW	3	3	3	3	3	3	3	3	3	3	3	3	4	4											72		
		m³/h	230	200	195	185	180	170	160	150	135	120	105	90	75	65	55												
	BL620002	kW	4	4	4	4	4	4	4	4	4	4	4	4	4	5.5	5.5	5.5											73
		m³/h	320	290	295	280	275	265	255	245	230	220	210	200	180	170	155	140	125										
2½"	BL920002	kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11	15											74	
		m³/h	520	460	450	440	430	420	410	400	380	360	340	320	300	280	260	240	220	200									

Double Impeller Parallel		Pressure (mbar)																								Noise dB (A)
		0	-50	-75	-100	-125	-150	-175	-200	-225	-250	-275	-300	-325	-350	-375	-400	-425	-450	-475	-500	-525	-550	-600	-625	
2"	BL620020	kW	4	4	4	4	4	4																	74	
		m³/h	500	420	390	360	320	280																		
2½"	BL820020	kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	11	11	11												74	
		m³/h	900	800	750	700	650	600	550	500	450	400	350													
4"	BL920020	kW	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	20	25							74
		m³/h	1110	1050	1030	1000	980	960	940	920	900	880	860	840	820	800	780	760	740	720						
	BL942020	kW	15	15	15	15	15	20	20	20	20	25	25	25												75
		m³/h	1940	1700	1650	1600	1550	1450	1350	1250	1150	1050	1000	950												
5"	BL095020	kW	15	15	15	15	15	15	20	20	20	20	25	25												75
		m³/h	2050	1900	1850	1800	1750	1700	1600	1500	1400	1300	1200	1100												

Exhausters performance selection 3ph at 50 Hz (2,900 rpm)



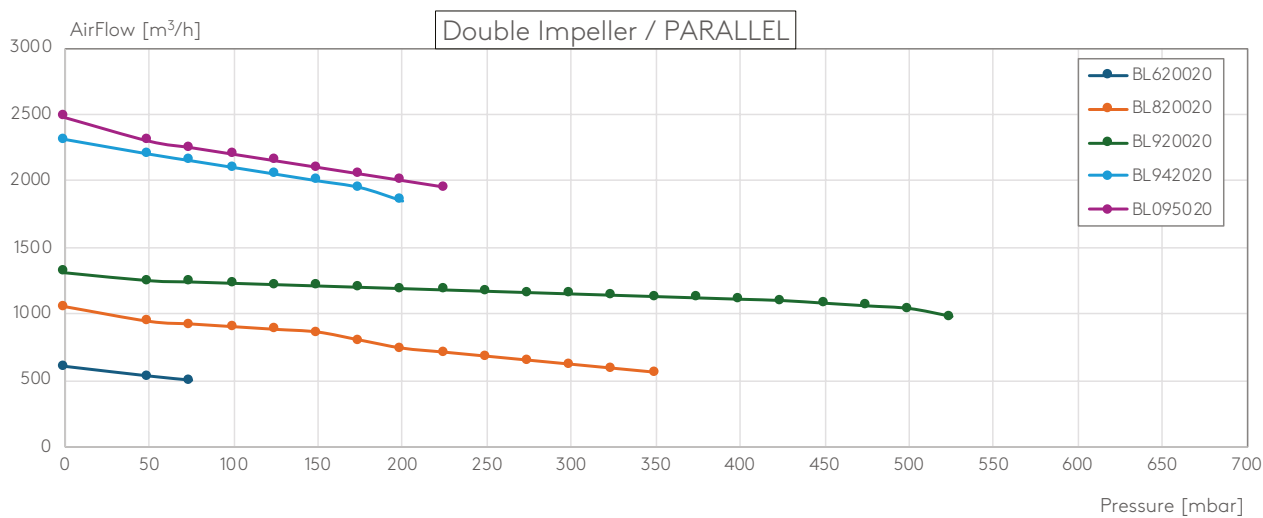
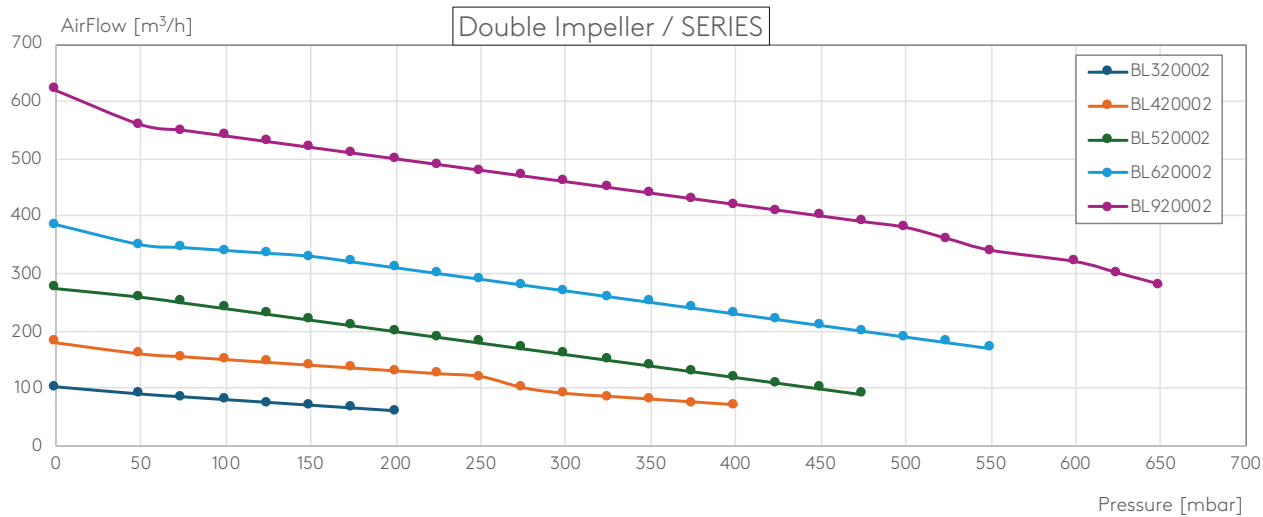
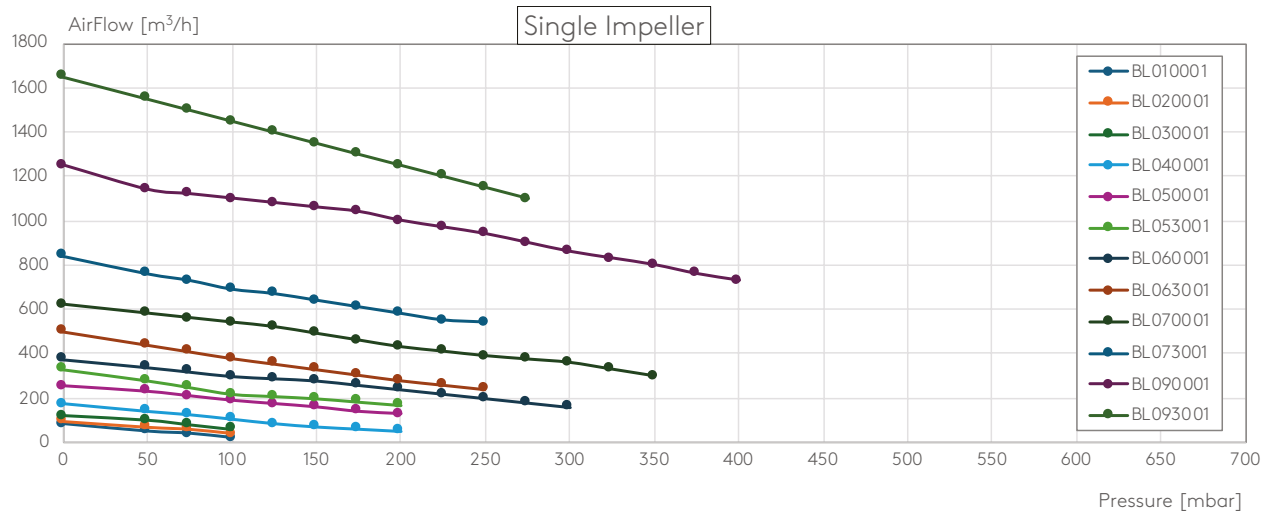
Blowers performance selection 3ph at 60 Hz (3,500 rpm)

[illegible]

Double Impeller Series		Pressure (mbar)																								Noise dB (A)		
		0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625		650	
1¼"	BL320002	kW	0.83	0.83	0.83	0.83	0.83	0.83	0.83																	61		
		m³/h	103	90	85	80	75	70	65	60																		
1½"	BL420002	kW	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.55	2.55	2.55	2.55	2.55	2.55									69		
		m³/h	180	160	155	150	145	140	135	130	125	120	100	90	85	80	75	70										
2"	BL520002	kW	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	4.6	4.6	4.6	4.6	4.6							74	
		m³/h	275	260	250	240	230	220	210	200	190	180	170	160	150	140	130	120	110	100	90							
	BL620002	kW	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	8.6	8.6					76
		m³/h	385	350	345	340	335	330	320	310	300	290	280	270	260	250	240	230	220	210	200	190	180	170				
2½"	BL920002	kW	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	17.3	17.3	78	
		m³/h	620	560	550	540	530	520	510	500	490	480	470	460	450	440	430	420	410	400	390	380	360	340	320	300		280

Double Impeller Parallel		Pressure (mbar)																								Noise dB (A)		
		0	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	600	625		650	
2"	BL620020	kW	4.6	4.6	4.6																					78		
		m³/h	600	530	500																							
2½"	BL820020	kW	8.6	8.6	8.6	8.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6											78		
		m³/h	1050	940	920	900	880	860	800	740	710	680	650	620	590	560												
4"	BL920020	kW	19	19	19	19	19	19	19	19	19	19	19	23	23	23	23	23	29	29	29	29						78
		m³/h	1310	1250	1240	1230	1220	1210	1200	1190	1180	1170	1160	1150	1140	1130	1120	1110	1100	1080	1060	1040	980					
	BL942020	kW	17.5	23	23	23	29	29	29	29																84		
		m³/h	2310	2200	2150	2100	2050	2000	1950	1850																		
5"	BL095020	kW	17.5	17.5	17.5	17.5	23	23	23	29	29																84	
		m³/h	2480	2300	2250	2200	2150	2100	2050	2000	1950																	

Compressors performance selection at 60 Hz (3,500 rpm)



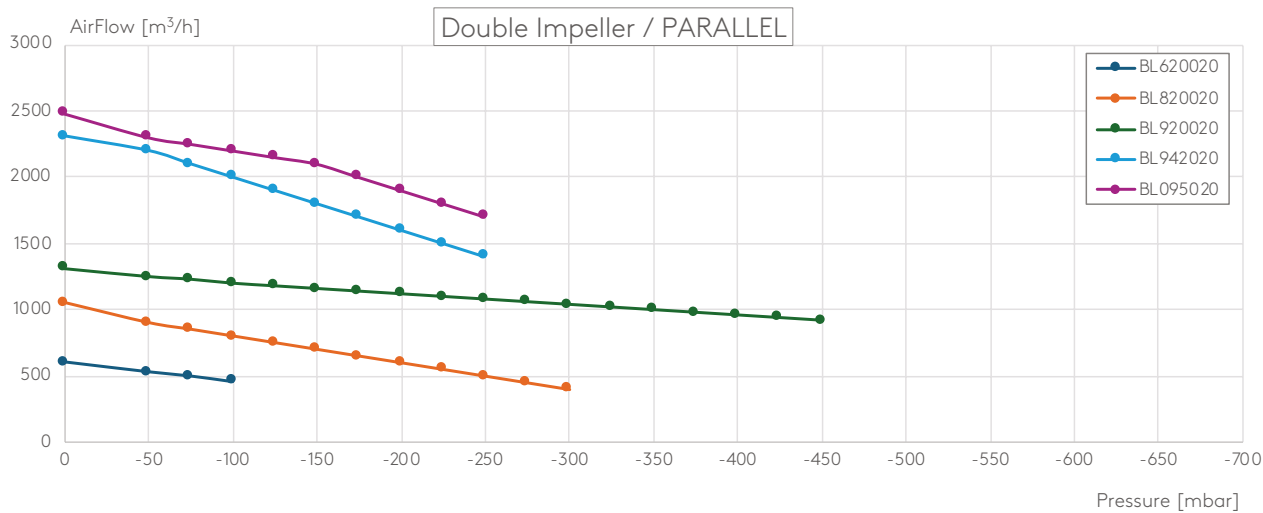
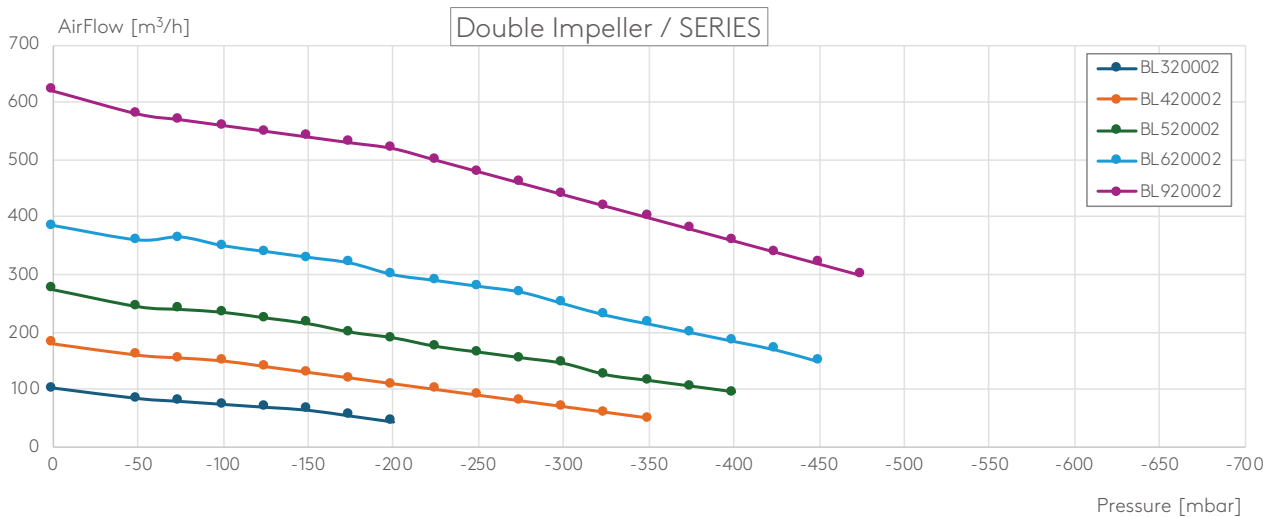
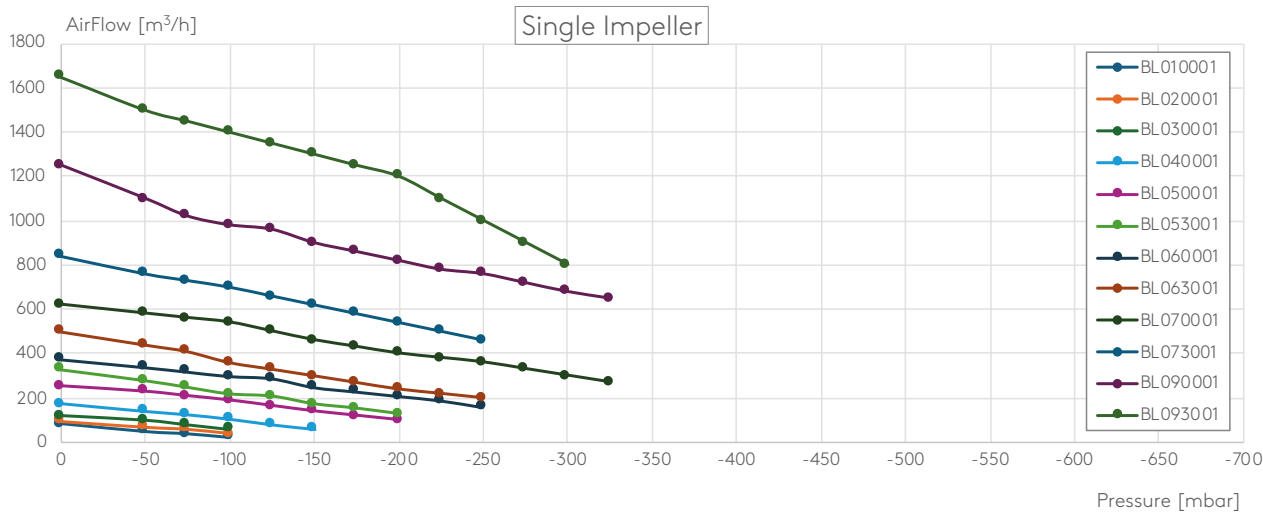
Exhausters performance selection 3ph at 60 Hz (3,500 rpm)

[illegible]

Double Impeller Series		Pressure (mbar)																								Noise dB (A)		
		0	-50	-75	-100	-125	-150	-175	-200	-225	-250	-275	-300	-325	-350	-375	-400	-425	-450	-475	-500	-525	-550	-600	-625		-650	
1¼"	BL320002	kW	0.83	0.83	0.83	0.83	0.83	0.83	0.83																	61		
		m³/h	103	85	80	75	70	65	55	45																		
1½"	BL420002	kW	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.55	2.55											69		
		m³/h	180	160	155	150	140	130	120	110	100	90	80	70	60	50												
2"	BL520002	kW	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	4.6	4.6											74
		m³/h	275	245	240	235	225	215	200	190	175	165	155	145	125	115	105	95										
	BL620002	kW	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	6.3	6.3	6.3	6.3	6.3								76
		m³/h	385	360	365	350	340	330	320	300	290	280	270	250	230	215	200	185	170	150								
2½"	BL920002	kW	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	12.6	12.6	12.6	12.6	17.3								78
		m³/h	620	580	570	560	550	540	530	520	500	480	460	440	420	400	380	360	340	320	300							

Double Impeller Parallel		Pressure (mbar)																								Noise dB (A)
		0	-50	-75	-100	-125	-150	-175	-200	-225	-250	-275	-300	-325	-350	-375	-400	-425	-450	-475	-500	-525	-550	-600	-625	
2"	BL620020	kW	4.6	4.6	4.6	4.6																				78
		m³/h	600	530	500	460																				
2½"	BL820020	kW	8.6	8.6	8.6	8.6	8.6	8.6	12.6	12.6	12.6	12.6	12.6												78	
		m³/h	1050	900	850	800	750	700	650	600	550	500	450	400												
4"	BL920020	kW	19	19	19	19	19	19	19	19	19	19	19	19	23	23	23	23	29							78
		m³/h	1310	1250	1230	1200	1180	1160	1140	1120	1100	1080	1060	1040	1020	1000	980	960	940	920						
	BL942020	kW	17.5	17.5	17.5	17.5	23	29	29	29	29															84
		m³/h	2310	2200	2100	2000	1900	1800	1700	1600	1500	1400														
5"	BL095020	kW	17.5	17.5	17.5	17.5	23	23	23	23	29	29	29												84	
		m³/h	2480	2300	2250	2200	2150	2100	2000	1900	1800	1700														

Exhausters performance selection 3ph at 60 Hz (3,500 rpm)



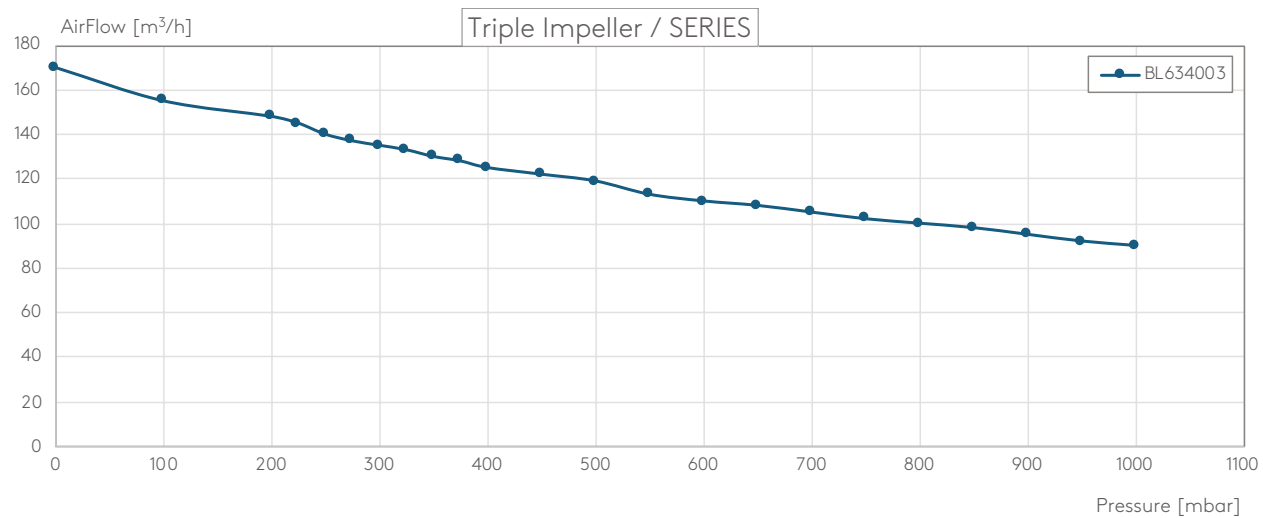
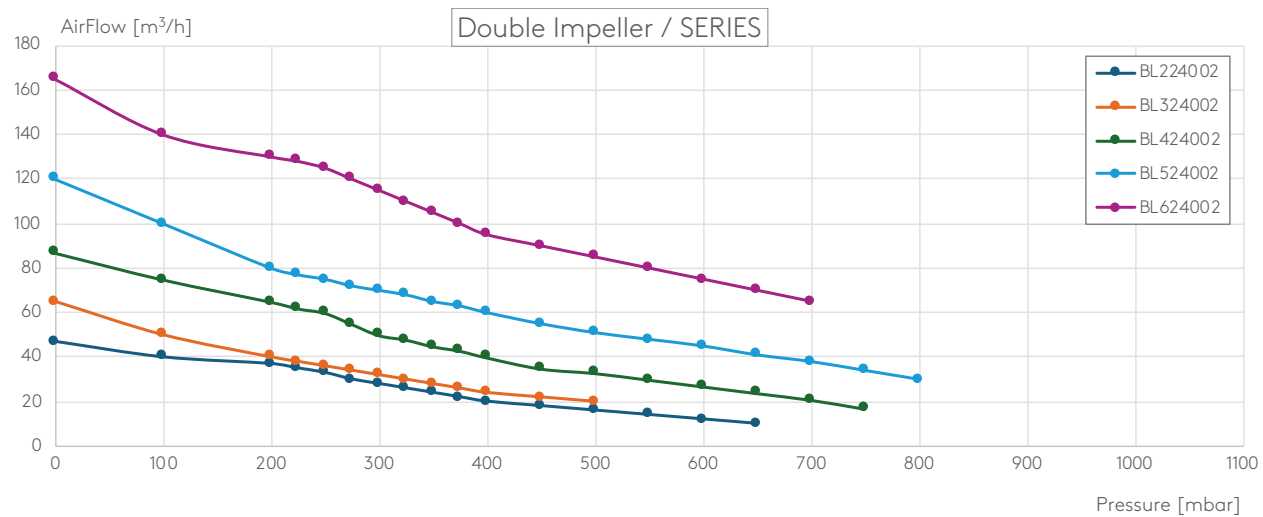
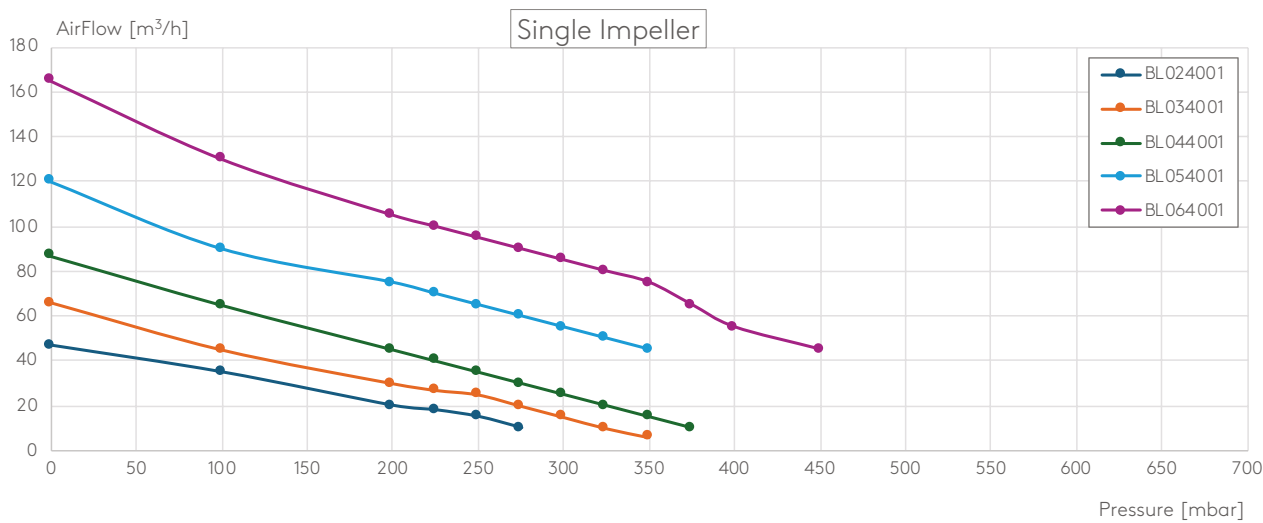
Blowers HP performance selection 3ph at 50 Hz (2,900 rpm)

Single Impeller		Pressure (mbar)																								Noise dB (A)
		0	100	200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	
1 3/4"	BL024001	kW	0.55	0.55	0.55	0.55	0.55	0.55																		57
		m³/h	47	35	20	18	15	10																		
	BL034001	kW	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81															57
		m³/h	66	45	30	27	25	20	15	10	6															
	BL044001	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1															58
		m³/h	87	65	45	40	35	30	25	20	15	10														
	BL054001	kW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6															64
		m³/h	120	90	75	70	65	60	55	50	45															
	BL064001	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.3	3.3	3.3												65
		m³/h	165	130	105	100	95	90	85	80	75	65	55	45												

Double Impeller Series		Pressure (mbar)																								Noise dB (A)		
		0	100	200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100		
1 1/4"	BL224002	kW	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	1.6	1.6	1.6	1.6											58
		m³/h	47	40	37	35	33	30	28	26	24	22	20	18	16	14	12	10										
	BL324002	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.6											59		
		m³/h	65	50	40	38	36	34	32	30	28	26	24	22	20													
	BL424002	kW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.3	3.3	3.3	3.3	3.3	3.3							61	
		m³/h	87	75	65	62	60	55	50	48	45	43	40	35	33	30	27	24	21	17								
	BL524002	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3					64		
		m³/h	120	100	80	77	75	72	70	68	65	63	60	55	51	48	45	41	38	34	30							
	BL624002	kW	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	5.5	5.5	5.5	5.5								67	
		m³/h	165	140	130	128	125	120	115	110	105	100	95	90	85	80	75	70	65									

Triple Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	100	200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050		1100
1 1/4"	BL634003	kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	72
		m³/h	170	155	148	145	140	137	135	133	130	128	125	122	119	113	110	108	105	102	100	98	95	92	90		

Blowers HP performance selection 3ph at 50 Hz (2,900 rpm)



Exhausters HP

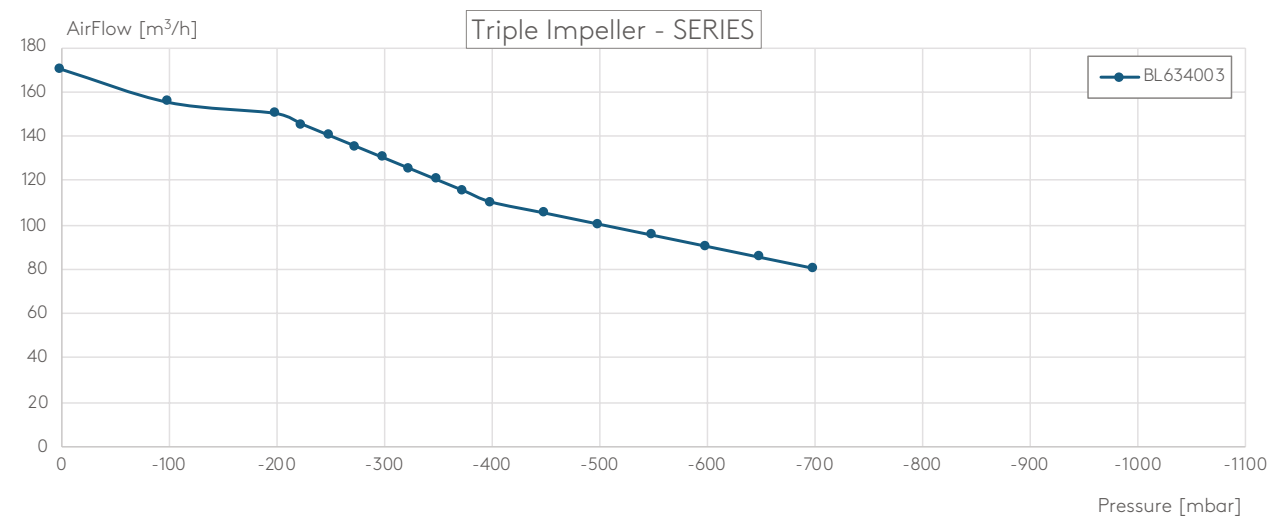
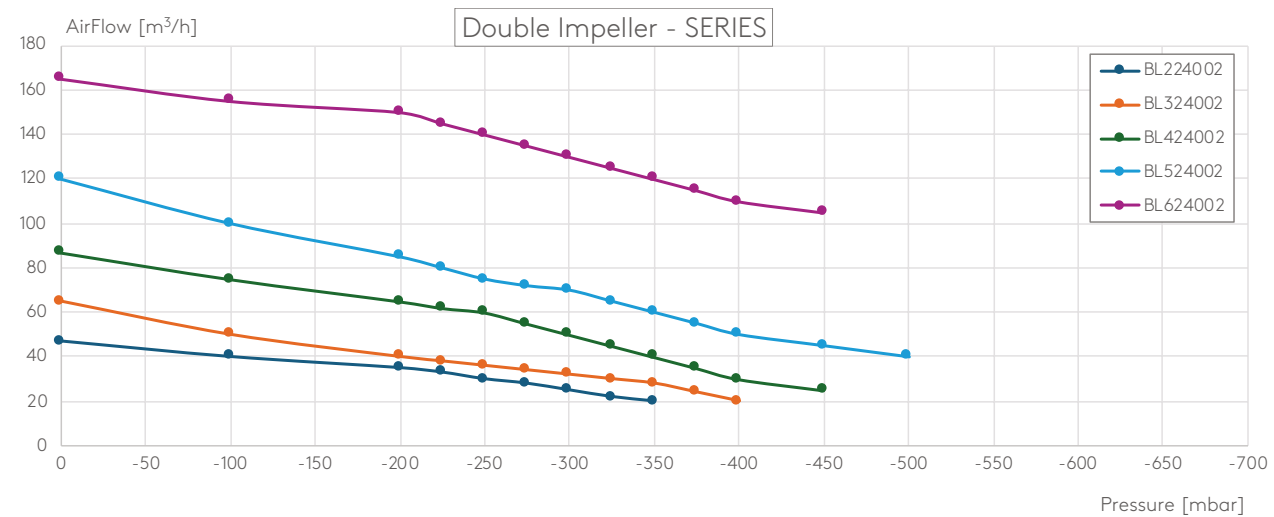
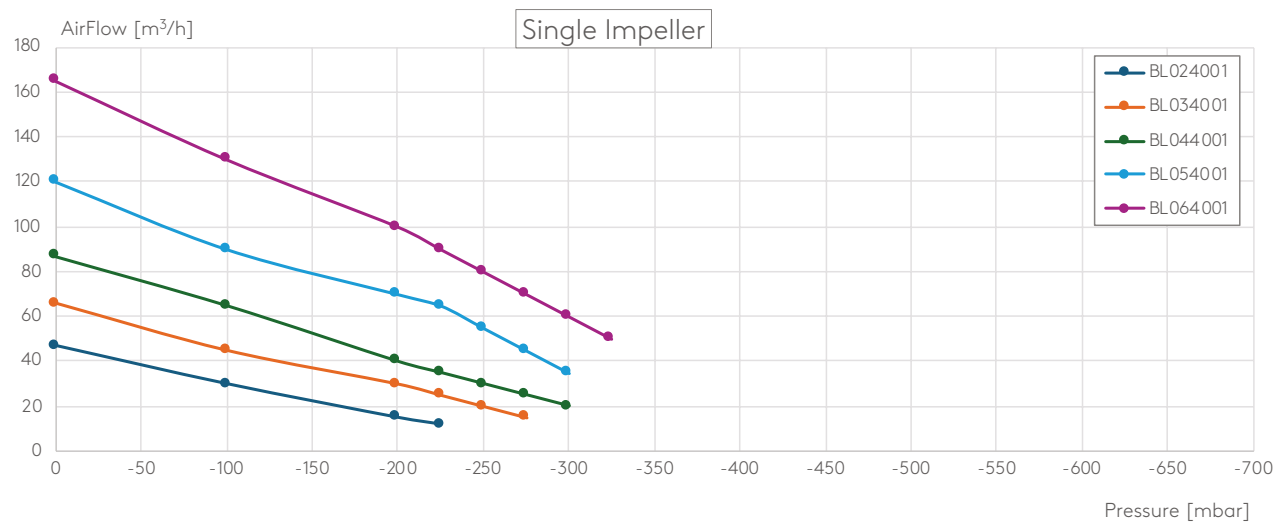
performance selection 3ph at 50 Hz (2,900 rpm)

Single Impeller		Pressure (mbar)																								Noise dB (A)	
		0	-100	-200	-225	-250	-275	-300	-325	-350	-375	-400	-450	-500	-550	-600	-650	-700	-750	-800	-850	-900	-950	-1000	-1050		-1100
1 3/4"	BL024001	kW	0.55	0.55	0.55	0.55																					57
		m³/h	47	30	15	12																					
	BL034001	kW	0.81	0.81	0.81	0.81	0.81	0.81																			57
		m³/h	66	45	30	25	20	15																			
	BL044001	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1																		58
		m³/h	87	65	40	35	30	25	20																		
	BL054001	kW	1.6	1.6	1.6	1.6	1.6	1.6	1.6																		64
		m³/h	120	90	70	65	55	45	35																		
	BL064001	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2																	65
		m³/h	165	130	100	90	80	70	60	50																	

Double Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	-100	-200	-225	-250	-275	-300	-325	-350	-375	-400	-450	-500	-550	-600	-650	-700	-750	-800	-850	-900	-950	-1000	-1050	-1100	
1 3/4"	BL224002	kW	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81																	58
		m³/h	47	40	35	33	30	28	25	22	20																
	BL324002	kW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1														59
		m³/h	65	50	40	38	36	34	32	30	28	24	20														
	BL424002	kW	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6														61
		m³/h	87	75	65	62	60	55	50	45	40	35	30	25													
	BL524002	kW	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.3												64
		m³/h	120	100	85	80	75	72	70	65	60	55	50	45	40												
	BL624002	kW	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3													67
		m³/h	165	155	150	145	140	135	130	125	120	115	110	105													

Triple Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	-100	-200	-225	-250	-275	-300	-325	-350	-375	-400	-450	-500	-550	-600	-650	-700	-750	-800	-850	-900	-950	-1000	-1050		-1100
1¼"	BL634003	kW	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5									
		m³/h	170	155	150	145	140	135	130	125	120	115	110	105	100	95	90	85	80								

Exhausters HP performance selection 3ph at 50 Hz (2,900 rpm)



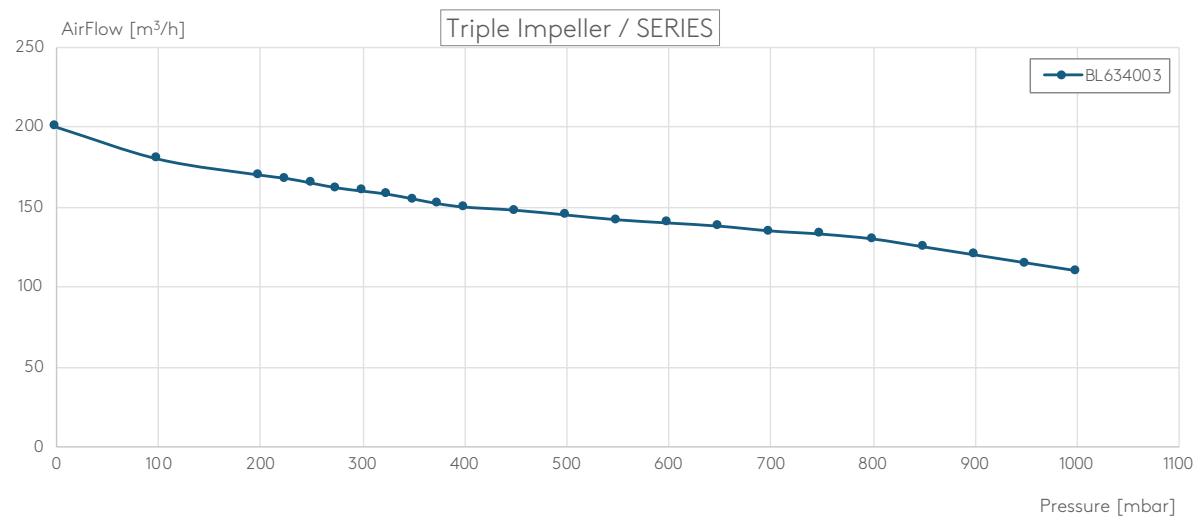
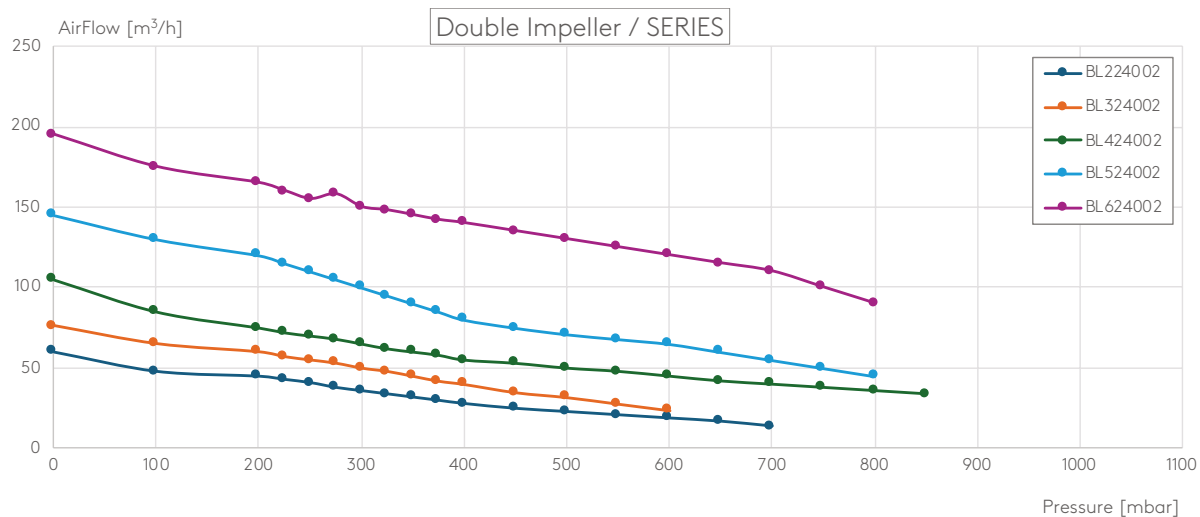
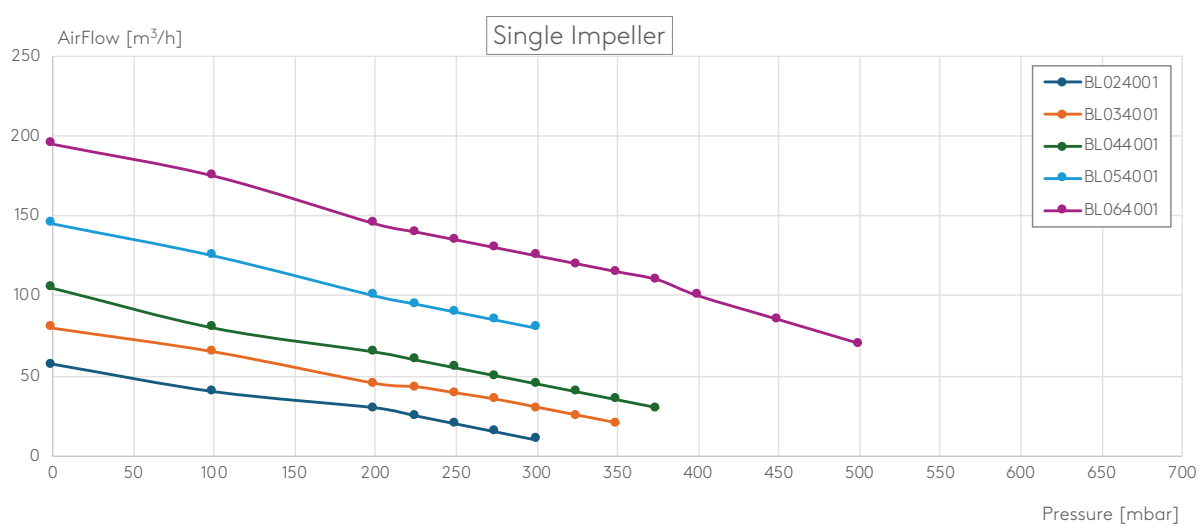
Blowers HP performance selection 3ph at 60 Hz (3,500 rpm)

Single Impeller		Pressure (mbar)																						Noise dB (A)			
		0	100	200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800	850	900	950		1000	1050	1100
1 3/4"	BL024001	kW	0.63	0.63	0.63	0.63	0.63	0.63	0.63																	62	
		m³/h	57	40	30	25	20	15	10																		
	BL034001	kW	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94													62			
		m³/h	80	65	45	43	39	35	30	25	20																
	BL044001	kW	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3													62			
		m³/h	105	80	65	60	55	50	45	40	35	30															
	BL054001	kW	2.05	2.05	2.05	2.05	2.05	2.05	2.05															68			
		m³/h	145	125	100	95	90	85	80																		
	BL064001	kW	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	3.8	3.8	3.8	3.8	3.8	3.8											71
		m³/h	195	175	145	140	135	130	125	120	115	110	100	85	70												

Double Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	100	200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	
1 1/4"	BL224002	kW	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	2.05	2.05	2.05	2.05	2.05									62
		m³/h	60	48	45	43	41	38	36	34	32	30	28	25	23	21	19	17	14								
	BL324002	kW	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.05	2.05	2.05											62
		m³/h	76	65	60	57	55	53	50	48	45	42	40	35	32	28	24										
	BL424002	kW	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8					66
		m³/h	105	85	75	72	70	68	65	62	60	58	55	53	50	48	45	42	40	38	36	34					
	BL524002	kW	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8					70
		m³/h	145	130	120	115	110	105	100	95	90	85	80	75	71	68	65	60	55	50	45						
	BL624002	kW	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3					72
		m³/h	195	175	165	160	155	158	150	148	145	142	140	135	130	125	120	115	110	100	90						

Triple Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	100	200	225	250	275	300	325	350	375	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050		1100
1 1/4"	BL634003	kW	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	76
		m³/h	200	180	170	168	165	162	160	158	155	152	150	148	145	142	140	138	135	133	130	125	120	115	110		

Blowers HP performance selection 3ph at 60 Hz (3,500 rpm)



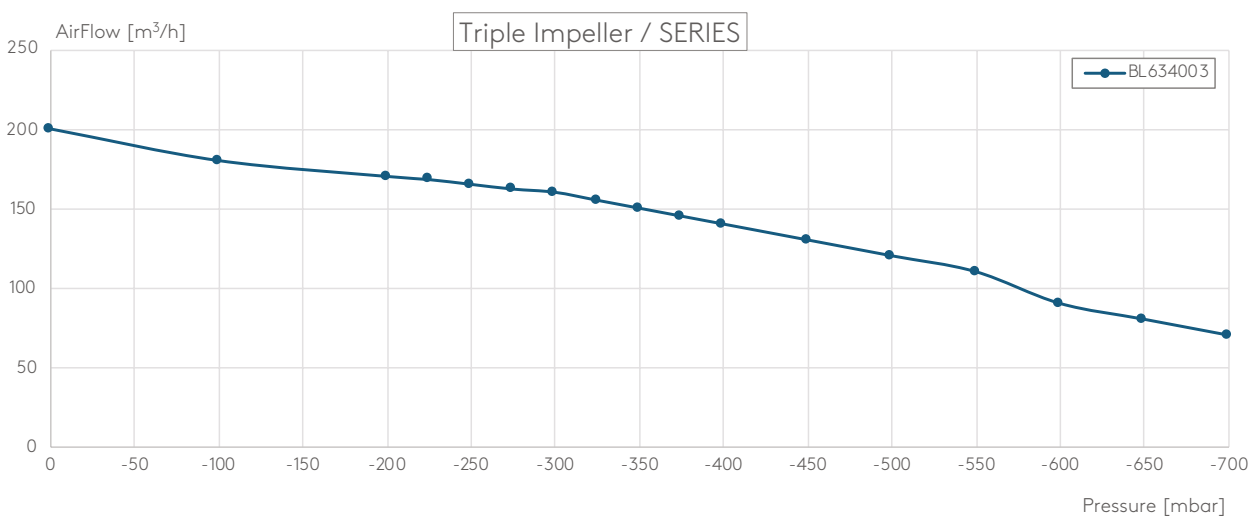
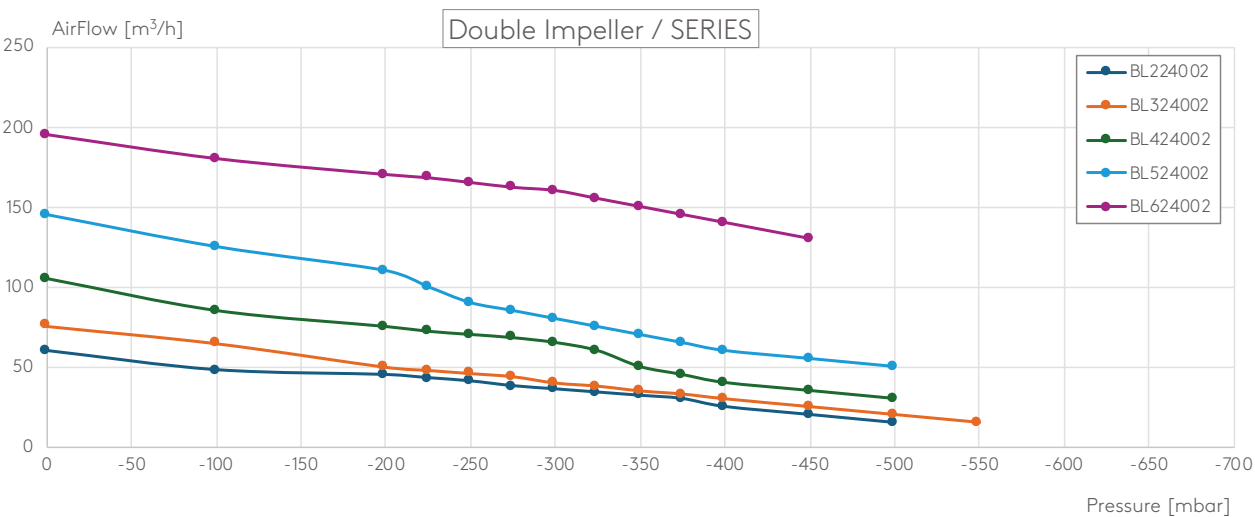
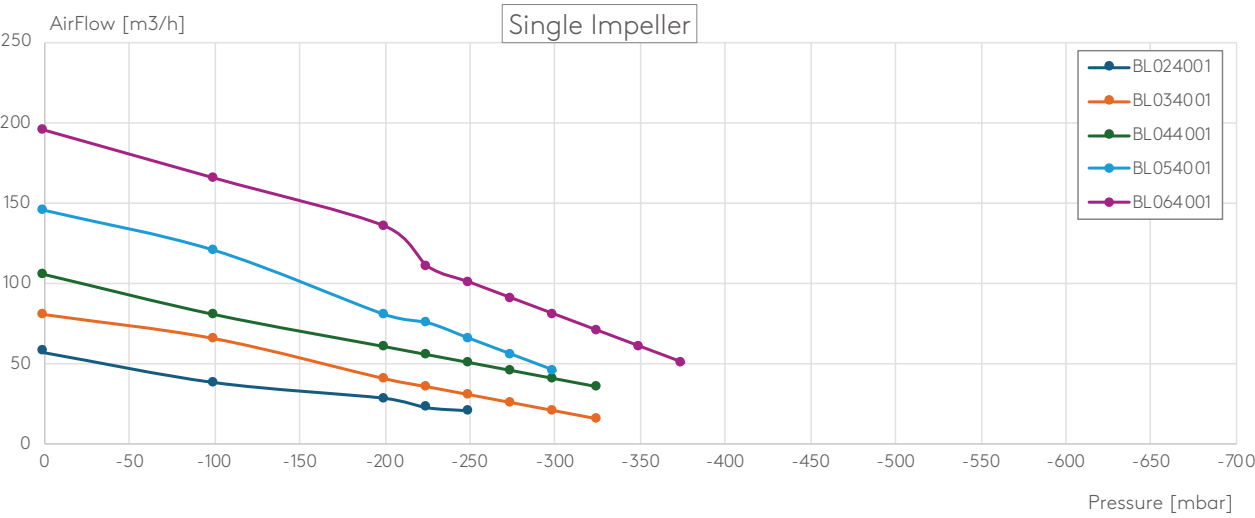
Exhausters HP performance selection 3ph at 60 Hz (3,500 rpm)

Single Impeller		Pressure (mbar)																								Noise dB (A)
		0	-100	-200	-225	-250	-275	-300	-325	-350	-375	-400	-450	-500	-550	-600	-650	-700	-750	-800	-850	-900	-950	-1000	-1050	
1 1/4"	BL024001	kW	0.63	0.63	0.63	0.63	0.63																			62
		m³/h	57	38	28	22	20																			
	BL034001	kW	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94															62
		m³/h	80	65	40	35	30	25	20	15																
	BL044001	kW	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3															62	
		m³/h	105	80	60	55	50	45	40	35																
	BL054001	kW	2.05	2.05	2.05	2.05	2.05	2.05	2.05															68		
		m³/h	145	120	80	75	65	55	45																	
	BL064001	kW	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	3.8										71
		m³/h	195	165	135	110	100	90	80	70	60	50														

Double Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	-100	-200	-225	-250	-275	-300	-325	-350	-375	-400	-450	-500	-550	-600	-650	-700	-750	-800	-850	-900	-950	-1000	-1050	-1100	
1 1/4"	BL224002	kW	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	2.05	2.05											62		
		m³/h	60	48	45	43	41	38	36	34	32	30	25	20	15												
	BL324002	kW	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.05	2.05											63	
		m³/h	76	65	50	48	46	44	40	38	35	33	30	25	20	15											
	BL424002	kW	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	2.05	3.8	3.8											66	
		m³/h	105	85	75	72	70	68	65	60	50	45	40	35	30												
	BL524002	kW	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	4.8											70	
		m³/h	145	125	110	100	90	85	80	75	70	65	60	55	50												
	BL624002	kW	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8											72
		m³/h	195	180	170	168	165	162	160	155	150	145	140	130													

Triple Impeller Series		Pressure (mbar)																								Noise dB (A)	
		0	-100	-200	-225	-250	-275	-300	-325	-350	-375	-400	-450	-500	-550	-600	-650	-700	-750	-800	-850	-900	-950	-1000	-1050		-1100
1¼"	BL634003	kW	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6									
		m³/h	200	180	170	168	165	162	160	155	150	145	140	130	120	110	90	80	70								

Exhausters HP performance selection 3ph at 60 Hz (3,500 rpm)



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