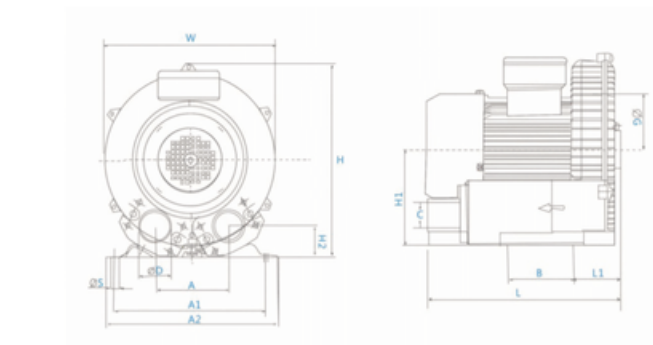


## Dimensions (in mm)



Size Ref. Code	L	W	H	H1	H2	A	A1	A2	L1	B	G Ø	D Ø	S Ø	C
ASAB-250	260	246	247	120	37	90	205	235	62	83	140	49	8.5	M41
ASAB-370	260	246	247	130	38	90	205	235	62	83	140	49	10	M41
ASAB-550	277	268	272	155	47	93	205	265	66	83	162	49	12	M41
ASAB-750	300	286	302	165	58	111	225	265	80	95	173	50	12	M47
ASAB-1100	325	335	340	190	61.5	115	270	300	30	140	200	60	14	M60
ASAB-1500	325	335	340	190	61.5	115	270	300	30	140	200	60	14	M60
ASAB-2200	377	382	385	192	56	125	290	326	103	140	256	60	14	M60
ASAB-3000	402	408	410	210	56	140	313	345	103	140	256	60	14	M60
ASAB-4000	435	418	470	237	110	143	315	330	113	185	280	76	14	G2.5
ASAB-5500	475	446	480	250	118	148	360	415	100	170	288	76	15	G2.5
ASAB-7500	475	446	480	250	118	148	360	415	100	170	288	76	15	G2.5
ASAB-11000	660	550	570	300	92	207	360	415	89		490	110		G4

## How it works

An impeller directly coupled to the extended shaft of an electric motor has a large number of short radial blades that are enclosed in a die cast aluminium casing.

- When the impeller rotates, the air between the blades is radially and circumferentially accelerated and forced where it is again radially and circumferentially accelerated.
- The air is transported along a spiral path through the impeller and the side channel until it reaches the discharge port.
- The unit has only one moving part; a carefully balanced rotating impeller.
- There is no contact between the impeller and the housing thus eliminating abrasion and wear.
- The unit is completely oil free and the suction and discharge ports have built in silencers that reduce noise levels to a minimum.
- The pressure and flow rates have a tolerance of  $\pm 10\%$ .
- Sound-pressure data in accordance to ISO 3746-1979 (E) norms.
- The vacuum curves are valid for pumping air, with a temperature of 30°C at the inlet flange and with a pressure of 1013 mbar at the discharge port.
- The pressure curves are valid for pumping air, with an average temperature of 30°C, a density of 1,23 kg/m<sup>3</sup> and 1013mbar at the inlet flange.