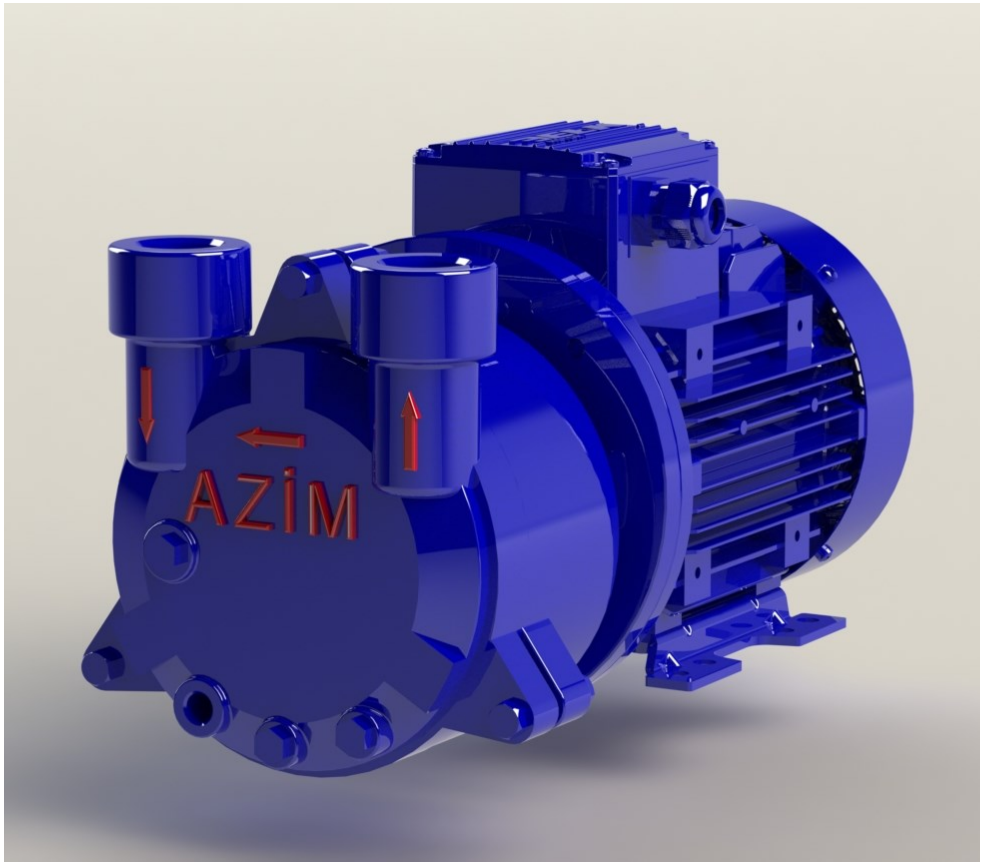
LIQUID RING VACUUM PUMPS
MONOBLOCK VACUUM PUMPS
MB 120 SERIES



AZİM Vacuum Pumps, are liqud ring vacuum pumps and especially used for clear and lean vacuum assurance. They can be used for sucking damp and the unwanted gases whic are created because of the fabrication process or icreasing the capacity of the current system.
When the pump runs, fan with the help of multi blade impeller while rapidly moving service liquid on the pump's inner surface forms a ring of liquid.

The eccentricity results in near complete filling then partial emptying of each rotor chamber during every revolution. The pump's components are positioned in such a manner as to admit gas when the rotor chamber is emptying the liquid, and then to allow the gas to discharge once compression is completed.

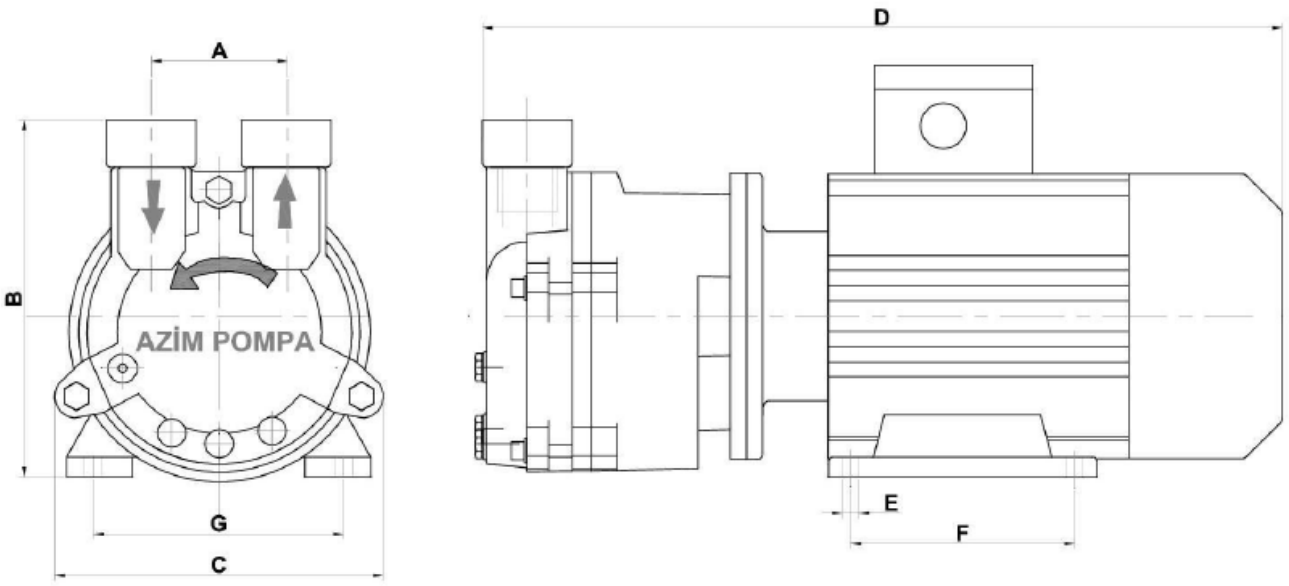
TECHNICIAL SPECIFICATIONS

PUMP TYPE	MB 120/45	MB 128/65
CAPACITY	16 - 45 m^3/h.	25 - 60 m^3/h.
ENGINE POWER	1,5 Kw	2,2 Kw
ENGINE SPEED	2800 rpm.	2800 rpm.
VACUUM PRESSUER	730 mmHg.	730 mmHg.
INLET—OUTLET	G 1”	G 1”
LIQUID SERVICE INLET	G 1/4”	G 1/4”
SEAL	MECHANICAL	MECHANICAL

MATERIAL EXECUTION

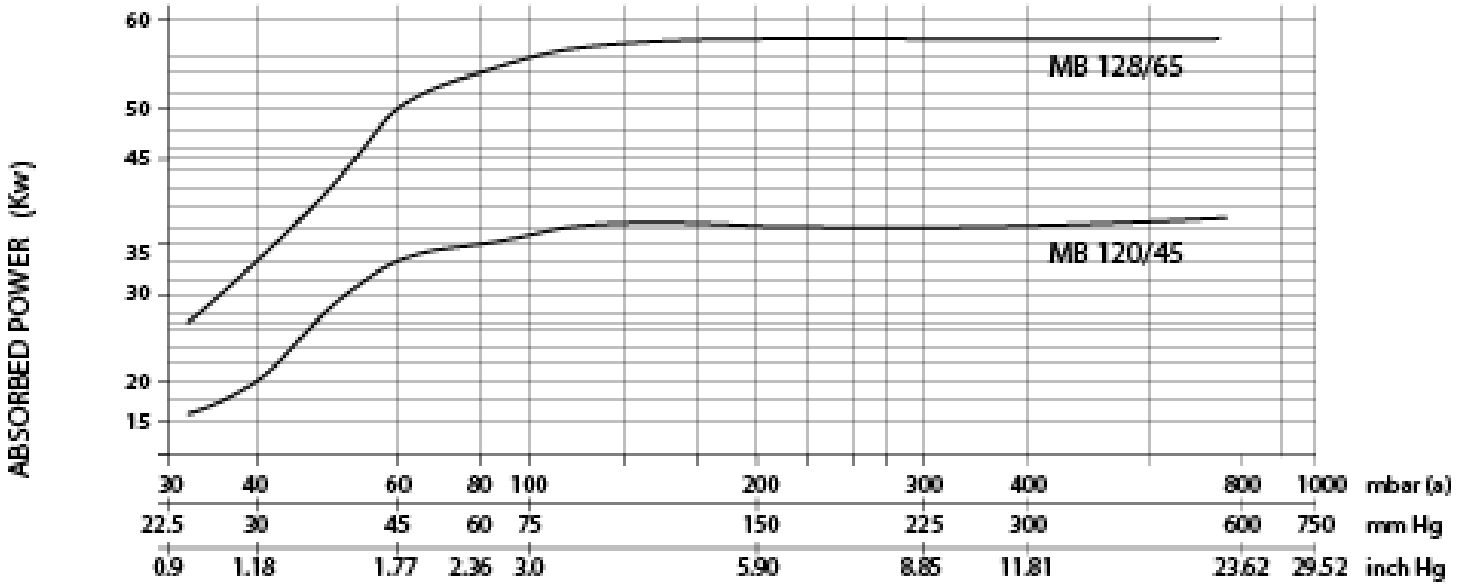
	1	2	3	4
Inlet - Outlet	GG 25 Grey Cast Iron			AISI 316 Stainless Steel
Impeller	G Cu Sn 9 Bronze	GS 52 Steel Casting	AISI 304 Stainless Steel	AISI 316 Stainless Steel
Body	GG 25 Grey Cast Iron			AISI 316 Stainless Steel
Stage	AISI 304 Stainless Steel			AISI 316 Stainless Steel
Seal	Ca-Sic-Viton			

OVERALL DIMENSIONS



MODEL	A	B	C	D	E	F	G	Kg.
MB 120/45	110	220	200	410	10	100	140	25
MB 128/65	110	220	200	450	10	125	140	29

PERFORMANCES



SUCTION CAPACITY