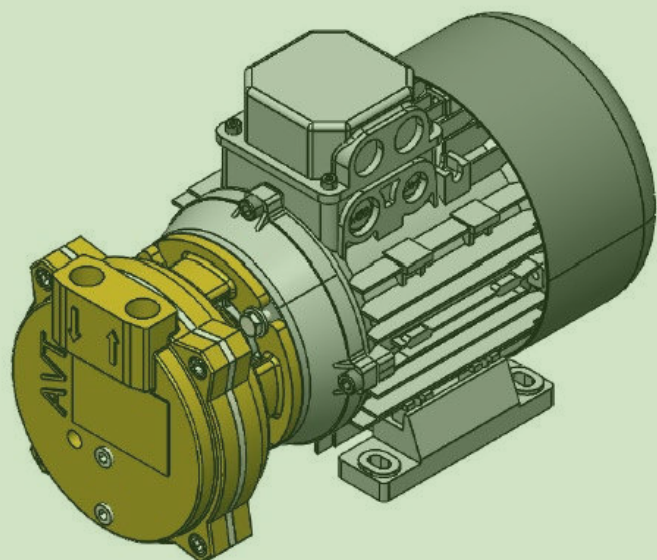


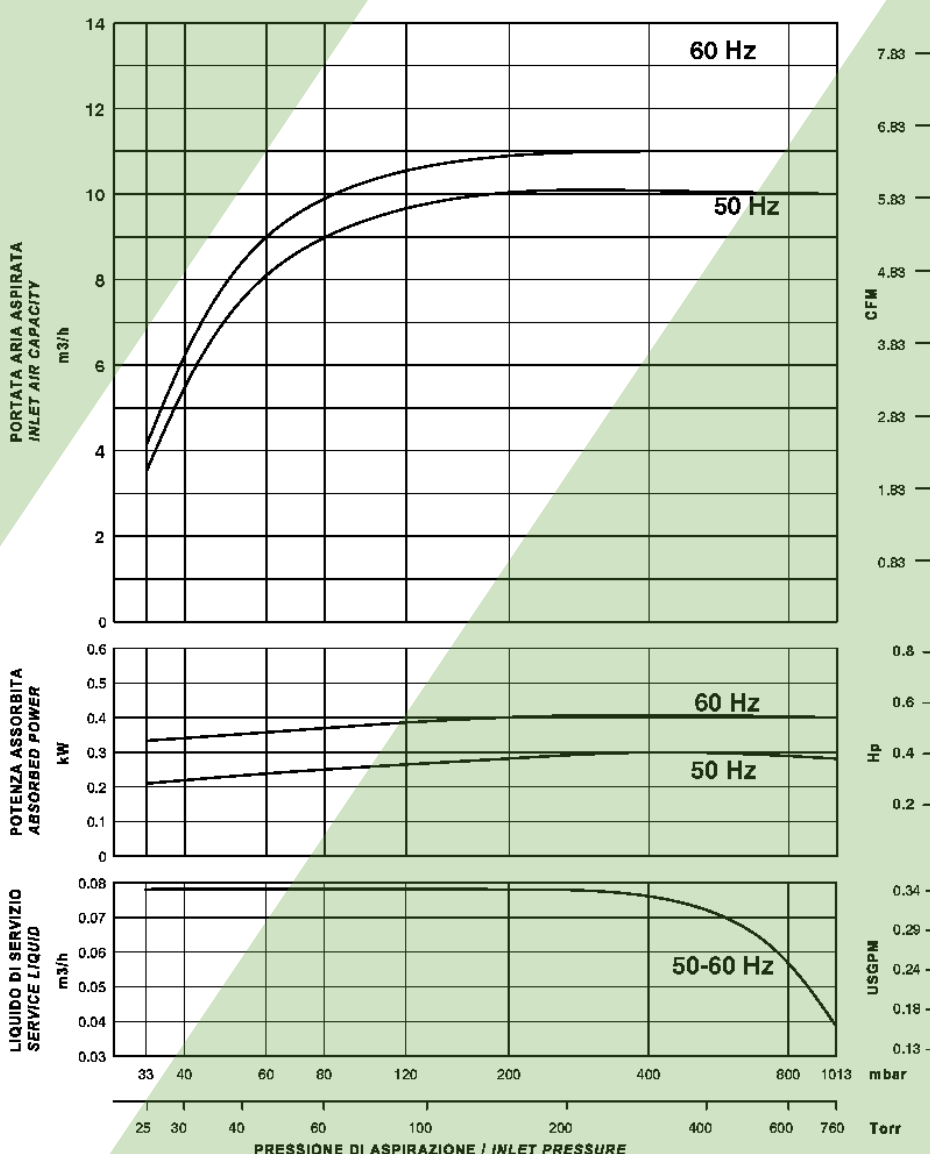


Vacuum Technologies
A Unit of ASCO POMPE

LIQUID RING VACUUM PUMP Model AVM 11

PERFORMANCE FEATURES

- Vary port valve design for optimum efficiency across all inlet pressures.
- Near-isothermal compression to safely handle any thermally sensitive gas.
- Right choice for any wet process.
- High efficiency IE3 motor for EU market
- [CE] TR CU 010/2011 certification.
- Motor option for US & Canada market (NEMA-CSA).



NOTES :

The given data are referred to dry air at the temperature of 20°C, at the atmospheric discharge pressure (1013 mbar), and of supply of service water at 15°C temperature. Performances tolerance $\pm 10\%$.

Product specifications and data are subject to change without notice.

Performance test in compliance with PNEUROP 6612

LIQUID RING VACUUM PUMP

Model AVM 11



APPLICATIONS

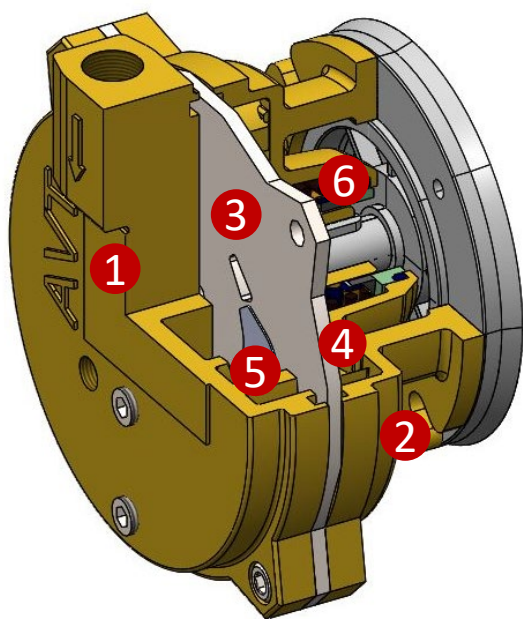
- Vacuum industrial processing
- Sterilization
- Extrusion
- Degassing
- Evaporation and distillation
- Priming
- Vacuum sewage
- Bottling
- Depoultry
- Fish farming

FEATURES

AVM 11 is a simple, compact and reliable liquid ring pump capable to handle almost any gas mixture including vapors in vacuum or overpressure. The operating principle combined to its accurate design allow for severe duty with high tolerance of liquid carry over. The wide range of suction pressure (down to 33 mbar abs) makes the AVM series versatile and suitable for many industrial applications and more. The stainless-steel port plate and impeller are designed and manufactured with accurate process to reach outstanding and steady performance.

The low operating speed associated with the robust and simplified construction grant long service life with minimal maintenance. AVM11 is available in standard version or full stainless-steel AISI 316 (wetted parts). Other material options, on request.

MATERIALS OF CONSTRUCTION



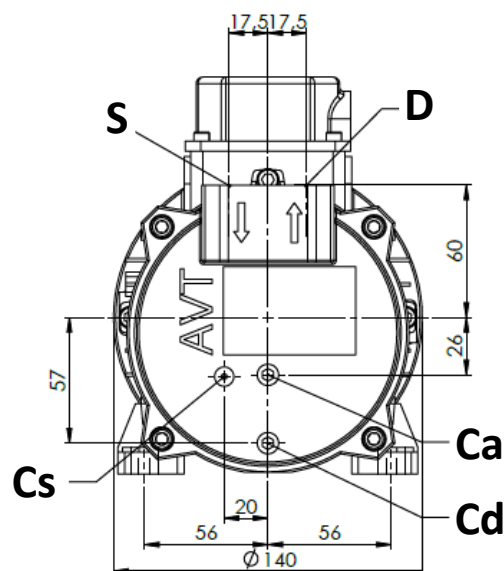
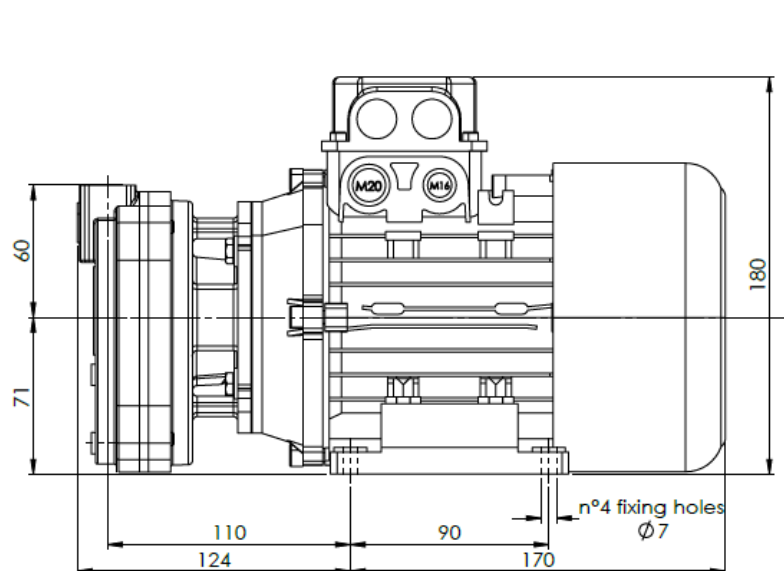
#	PART	ZZ
1	Suction and discharge casing	TIN BRONZE
2	Housing	TIN BRONZE
3	Port plate	SS 316 (ASTM A240)
4	Impeller	TIN BRONZE (ASTM B505)
5	Vary port valve	PTFE
6	Mechanical seal	CARBON/SIC/ VITON/SS316



Model AVM 11

LIQUID RING VACUUM PUMP

2D DRAWING



CONNECTIONS

S	G 3/8"	Suction
D	G 3/8"	Discharge
Cs	G 1/8"	Service liquid
Cd	G 1/8"	Pump drain
Ca	G 1/8"	Anti-cavitation

NOTE: dimensions may vary depending on the motor chosen.

TECHNICAL SPECIFICATIONS

	AVM 11 SINGLE PHASE	AVM 11 THREE PHASE
Nominal capacity	10 m ³ /h	11 m ³ /h
Ultimate pressure	33 mbar abs	33 mbar abs
Dry weight	10 kg	10 kg
Max gas temperature	120°C	120°C
Max liquid temperature	50°C	50°C
Casing design pressure	3 barg	3 barg

	AVM 11 SINGLE PHASE	AVM 11 THREE PHASE
Noise level	72 dBA	72 dBA
Motor power	0,55 Kw	0,55 kW
Motor speed	2850 rpm @ 50 Hz 3450 rpm @ 60 Hz	2850 rpm @ 50 Hz
Motor type	TEFC	TEFC
Motor efficiency	IE2	IE3
Volt./Ph/Frequency	230-400V/ 50-60Hz	277-480V/50Hz

OUR PRODUCT RANGE

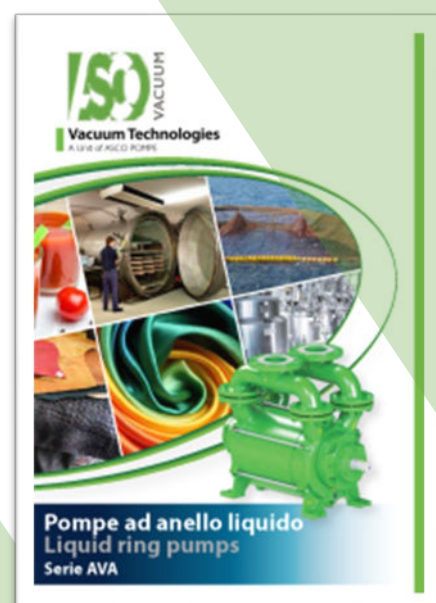


AVM – AVL SERIES

SINGLE STAGE PUMP MONOBLOCK
OR LANTER VERSION

AVA SERIES

SINGLE STAGE PUMP BARE SHAFT
IN BETWEEN BEARING



AVD - AVDL SERIES

DOUBLE STAGE PUMP BARE SHAFT
OR LANTER VERSION



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