

A wavelength ahead



Submersible pumps for Sewage- and Wastewater

made of stainless steel AISI 316 for
seawater transfer and corrosive liquids
(PH 3-11)



AVE 204 / 208 / 215

315 / 322 / 437 / 455

AVE Serie

Stainless steel submersible pumps

The AVE pump is designed for handling sewage-/wastewater and seawater which can also contain slight aggressive components. Due to the big free passage of 35 - 50 mm this pump can handle liquids with bigger solids and fibres.

Type	Outlet	Power output	Current	Max. del. head	Max. capacity	Free passage	Weight
	AG	kW	A	m	m³/h	mm	kg
AVE 204 S(A)	2"	0,40	4	8	19,2	35	13
AVE 208 S(A)	2"	0,75	6	12,5	27,6	35	18
AVE 215 S/T	2"	1,50	11,3 (S) 3,5 (T)	17,5	39,0	35	33
AVE 315 S/T	3"	1,50	11,3 (S) 3,5 (T)	17,5	39,0	35	33
AVE 322 T	3"	2,20	5,2	19,5	45,0	35	34
AVE 437 T	4"	3,70	8,6	23,5	72,0	50	56
AVE 455 T	4"	5,50	12	29,5	84,0	50	62

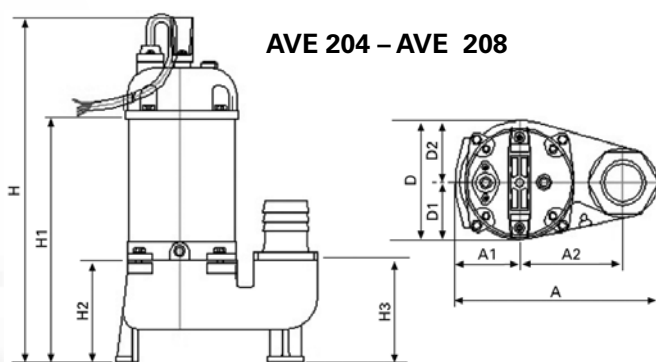
Delivery:

Pumphousing with integrated feet, threaded outlet

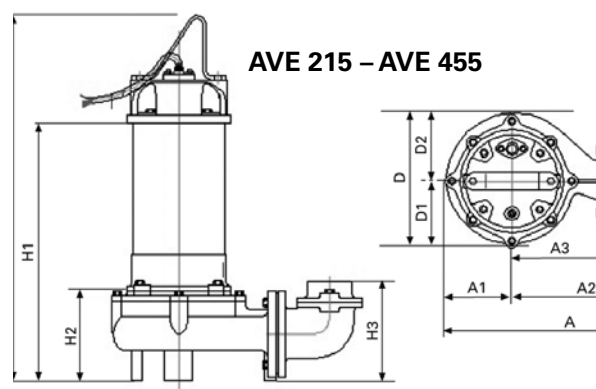
Optional extras:

Stainless steel couplings, motor protection plugs, hoses, control panels





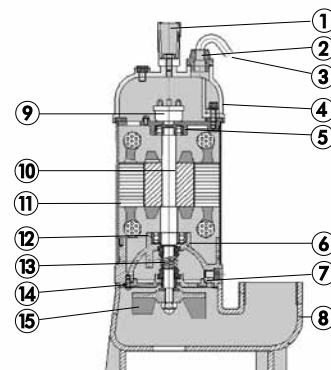
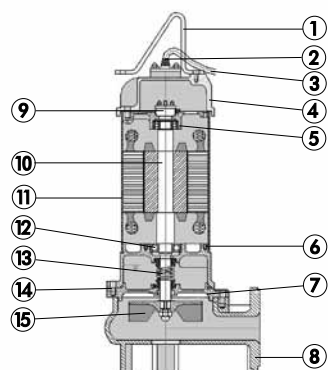
AVE 204 – AVE 208



AVE 215 – AVE 455

Typ	A	A1	A2	A3	D	D1	D2	H	H1	H2	H3
AVE 204	223	70	115	NA	132	63	69	381	325	112	113
AVE 208	223	70	115	NA	132	63	69	411	355	112	113
AVE 215/315	390	103	235	151	210	105	105	570	400	150	152
AVE 322	390	103	235	151	210	105	105	590	420	150	152
AVE 437	458(509)	110	256(294)	176	227	110	117	633	468	160	225
AVE 455	458(509)	110	256(294)	176	227	110	117	673	508	160	225

Dimensions in mm



No.	Part	No.	Part
1.	Handle	9.	Thermal protection
2.	Cable entry	10.	Rotor Shaft
3.	Cable	11.	Motor housing
4.	Upper cover	12.	Lower bearing
5.	Upper bearing	13.	Mech. seal
6.	Oil housing	14.	Oil seal
7.	Seal housing	15.	Impeller
8.	Pump housing		

Materials:

Motor housing:	Stainless steel AISI 316
Pump housing:	Stainless steel AISI 316
Impeller:	Stainless steel AISI 316
Rotor shaft:	Stainless steel AISI 316
Screws:	Stainless steel AISI 316
O-Rings:	Viton
Mech. seal:	SIC/SIC/Viton
Cable:	AVE 204 - AVE 208, 10 m H07RN-F
	AVE 215 - AVE 455, 20 m H07RN-F
Submersion depth:	10 m
Motor temperature:	40 °C
Protection class:	IP 68
Voltage:	1-Phase 230 Volt (S) A = incl.
	Float switch
	3-Phase 400 Volt (T)

Special voltages on request



AVE 337 – 455



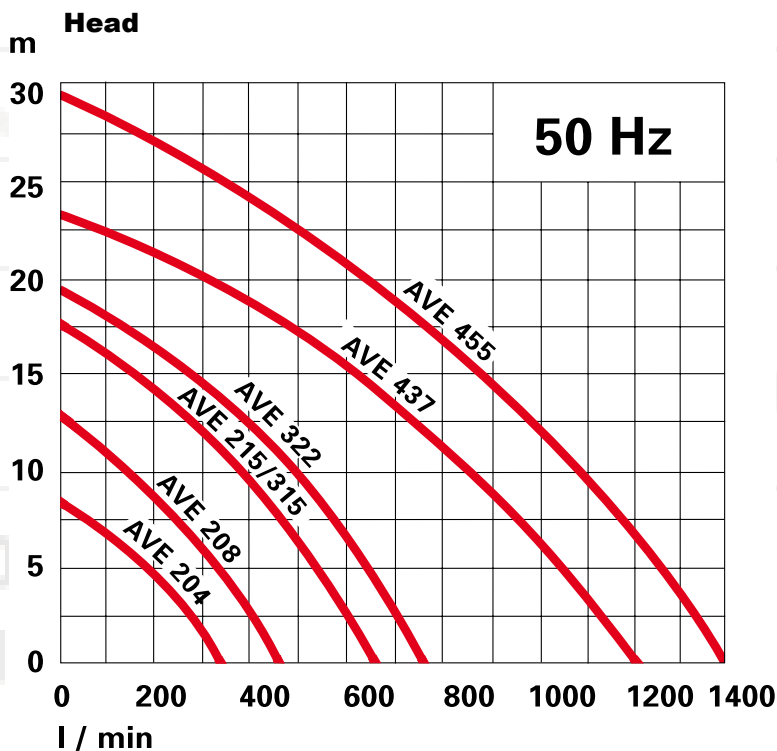
AVE 215 – 322



AVE 204 – 208

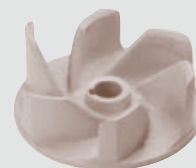


All pumps are available with a float switch on request



Vortex impeller for handling liquids with solids and fibres.

Due to the big free passage this impeller type is suitable for a wide range of applications e.g. sewage water overpumping, flood control, chemical liquids and sea water transfer.



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