

SUBMERSIBLE DRAINAGE PUMPS



309ECM75/VS • 309ECM100/VS

APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type. Suitable in civil and industrial water systems, for cesspool drainage with slightly dirty or foamy liquids, for oily water cleaned by grid.

OPERATING CONDITIONS

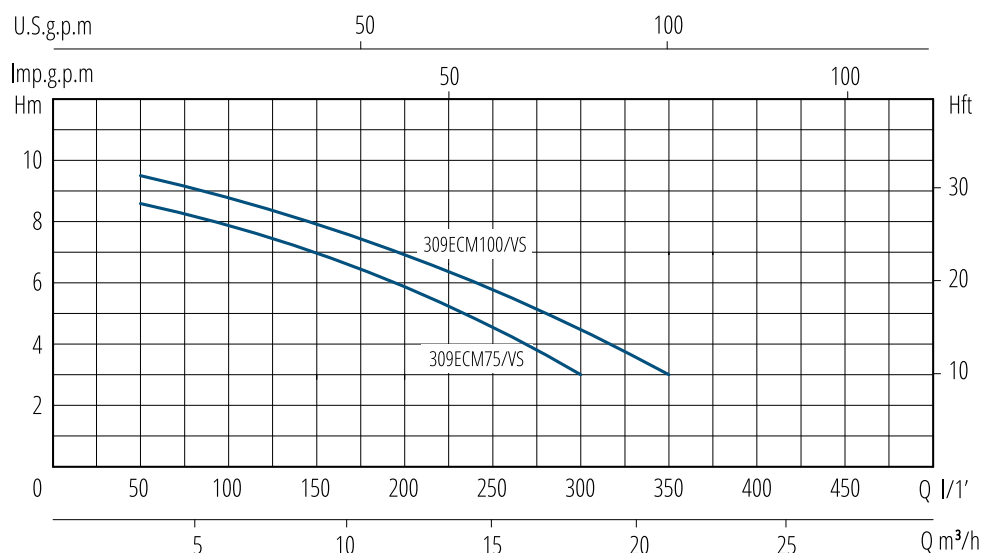
- Liquid temperature up to 35°C
- Maximum immersion depth 20 m (with a cable of the appropriate length)
- Grain size inlet Ø 30 mm
- Min. suction level 100 mm
- Continuous duty

MOTOR

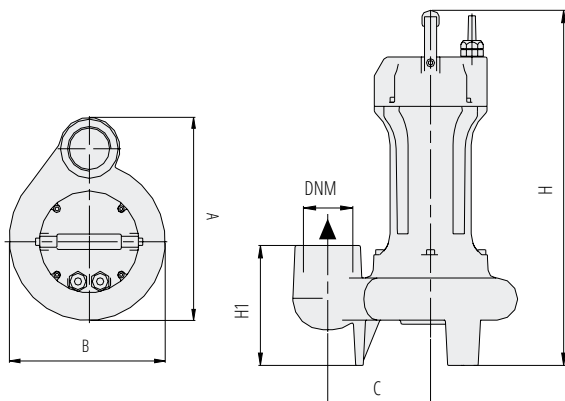
- Insulation Class F
- Protection IP68
- Thermic protection (only single-phase)

MATERIALS

- Motor body - Cast Iron
- Pump body - Cast Iron
- Impeller - Cast Iron
- Shaft with rotor - Stainless Steel AISI 304
- Mechanical seal with oil chamber - Silicon/Silicon/NBR



TYPE	NOMINAL POWER		INPUT POWER	AMPERE	Q = CAPACITY							
Single-phase	P2		P1	Single-phase	m³/h	3	6	9	12	15	18	21
	HP	kW	kW		lt/1'	50	100	150	200	250	300	350
230V-50Hz				1 x 230V	Total head in meters w.c.							
309ECM75/VS	0,75	0,55	0,9	4	H	8,5	8	7	5,5	4	3	
309ECM100/VS	1	0,75	1,1	4,8	(m)	9,5	9	8	6,5	5	4	3



TYPE	DIMENSIONS mm							WEIGHT
Single-phase	A	B	C	H	H1	DNM	CABLE	kg
309ECM75/VS	278	218	126	430	145	2"	10 mt H07RNF	19,5
309ECM100/VS	278	218	126	430	145	2"	10 mt H07RNF	20