

ADS 90 - ADS 120

Submersible pump for waste water

Electric pump for pumping clean or waste water containing impurities.

Applications

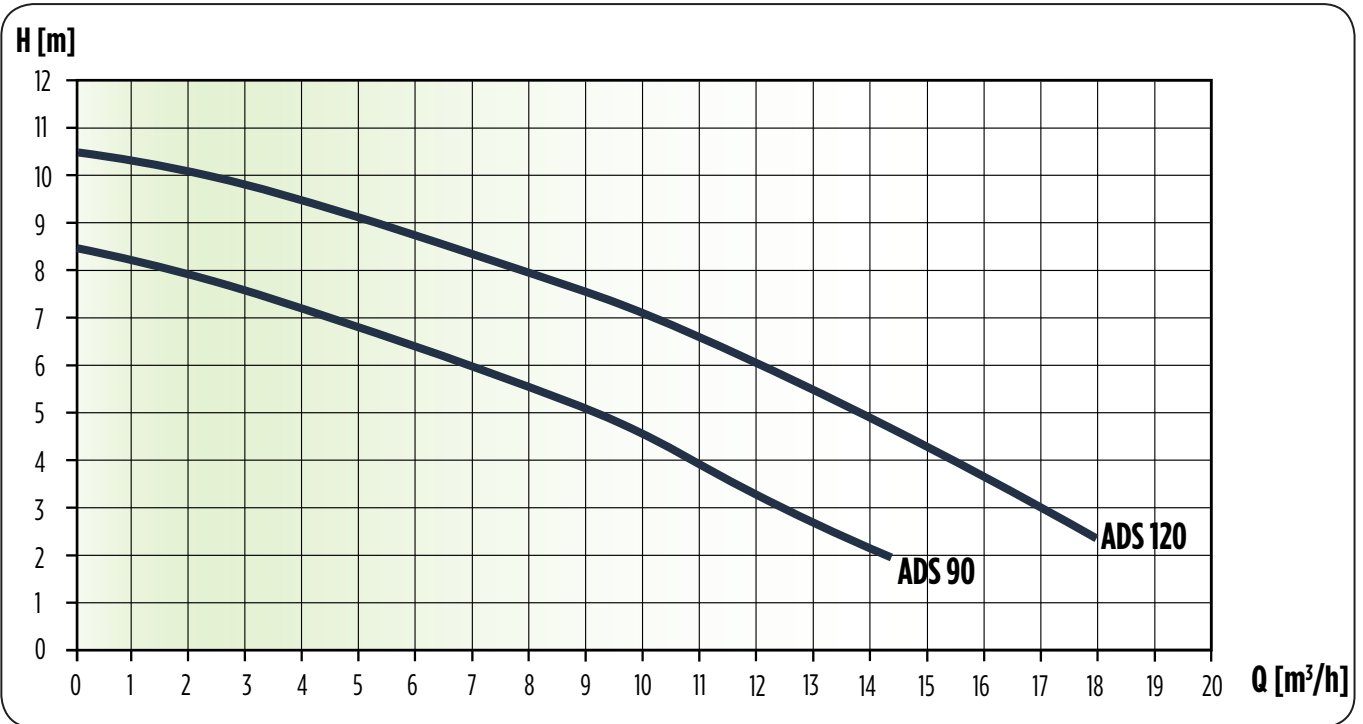
- Emptying ponds, basins, storage tanks, cesspits
- Emergency drainage due to flooding or high water

Construction features

- Pump and motor body: Stainless Steel AISI 304
- Mechanical seal: Ceramic/Graphite
- Impeller: AISI 304
- Motor shaft: AISI 420
- Float switch: Version M-F
- Cable: 10 m, H07RN-F
- Insulation class: F
- Degree of protection: IP 68
- Maximum liquid temperature: 50 °C
- Maximum immersion depth: 7 m
- Minimum suction capability: 55 mm
- Maximum impurity size: 40 mm
- Maximum starts/h: 30, regularly distributed

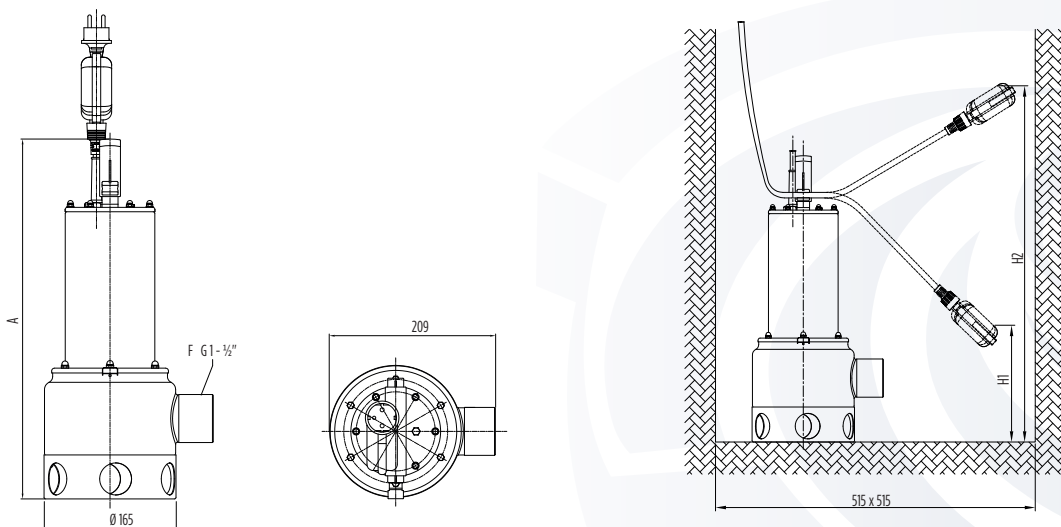


Performance Curve and Technical Data



Model		P1 [KW]		P2		Capacitor [1-]		Power consumption		Q = flow								
		230 V 1-	400 V 3-	230 V 1-	400 V 3-	[HP]	[KW]	uF	VAC	230 V 1-	400 V 3-	l/min 0	40	80	120	160	200	240
										m³/h 0								
										2.4								
										4.8								
										7.2								
										9.6								
										12.0								
										14.4								
										18.0								
										H = water column total pressure head \ [m]								
ADS 90		0.9	0.9	¾	0.56	20	450	4.5	1.5	8.5	7.8	6.9	5.9	4.8	3.3	2		
ADS 1200		1.2	1.2	1	0.75	20	450	5.9	2	10.5	10	9.2	8.3	7.3	6.1	4.7	2.4	

Dimensions



Model	ELECTRIC PUMP				PACKAGING		
	Dimensions [mm]			DNM	Weight [kg]	Dimensions [mm]	Weight [kg]
	A	H1	H2				
ADS 90	422	156	532	F G1 - 1/2"	10	268 x 224 x 496	10.2
ADS 120	450	184	560				