

## A Series Non-Clog Submersible Pumps

Engineered for high-performance in demanding environments, the A Series pumps efficiently handle both clear liquids and sewage. With versatile, long-lasting performance, they're ideal for industrial, commercial, and municipal applications.

### FEATURES

- **Motor Options:** Available with 2-pole and 4-pole motors
- **Engineered for Versatility:** Designed to manage both clear liquids and sewage
- **Impellers:** Fitted with open single and dual channel, highly efficient impellers
- **Seal Minder® Probe:** Standard on all series providing enhanced monitoring for seal condition
- **Cable Gland:** Stainless steel AISI 316, standard across all models for added durability
- **Durable Construction:** Made from GG25 grey cast iron, ensuring long-lasting reliability for critical components
- **Thermal Protection:** Supplied with 2 thermal switches in the motor windings to protect against overheating
- **Mechanical Seals:** Equipped with two high-quality mechanical seals
- **Robust Components:** high-quality motor casing, bearings, shaft, rotor, stator, & pump body for optimal performance

### BENEFITS

- **Exceptional Performance:** Handles a variety of liquids in high-flow applications, ensuring efficient operation
- **Long-Term Reliability:** Built with GG25 grey cast iron & durable seals for dependable performance
- **High Efficiency:** Ensures maximum pumping and draining performance, especially in high-flow applications
- **Enhanced Durability:** Stainless steel AISI 316 cable gland to ensure long-lasting performance in tough environments
- **Seamless Monitoring:** Seal Minder® Probe allows proactive seal monitoring, minimizing failures and unexpected costs
- **Versatile Applications:** Ideal for industrial, commercial, and municipal use in demanding environments



Chain Ring

Motor Casing

Upper Bearing

Motor Shaft & Rotor

Stator

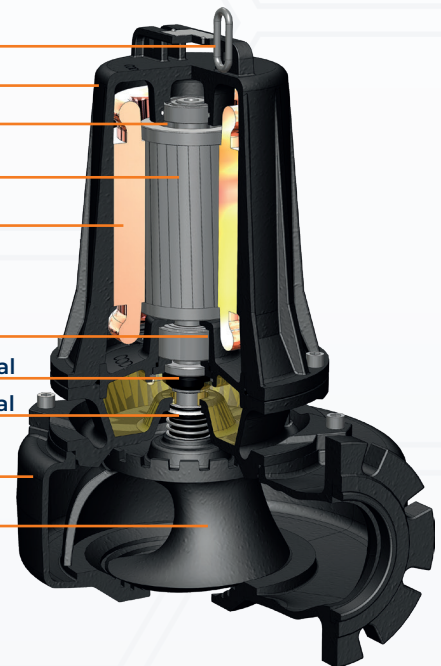
Lower Bearing

Upper Mechanical Seal

Lower Mechanical Seal

Pump Body

Impeller

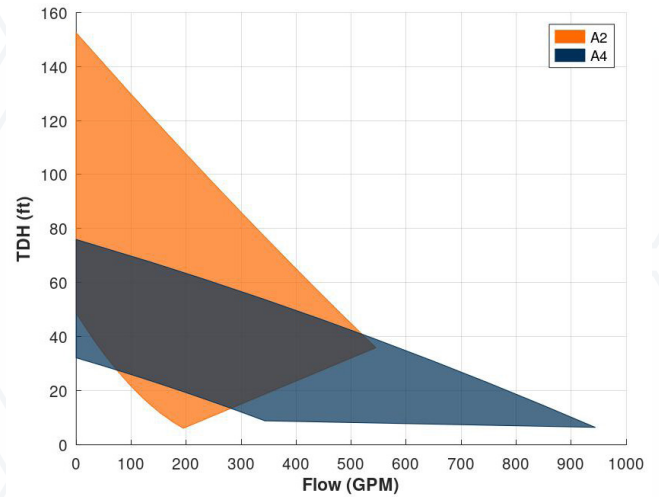


## SPECIFICATIONS

All models available in 460V, 3-ph, 60-hz.

Model	Motor Rating	Full Load Amps	Discharge	Max. Head	Max. Flow	Max. Solids
A2-19	2.5 HP 1.9 kW	4.1	DN65-PN10	50 ft 15.2 m	195 GPM 738 LPM	1.6 in 40 mm
A2-22	3 HP 2.2 kW	4.8	DN65-PN10	81 ft 24.7 m	262 GPM 992 LPM	1.6 in 40 mm
A2-41	5.5 HP 4.1 kW	8.3	DN80-PN16	83 ft 25.3 m	325 GPM 1230 LPM	1.75 in 45 mm
A2-56	7.5 HP 5.6 kW	11	DN80-PN16	110 ft 33.5 m	392 GPM 1484 LPM	2.4 in 60 mm
A2-75	10 HP 7.5 kW	14	DN80-PN16	134 ft 40.8 m	472 GPM 1787 LPM	2.4 in 60 mm
A2-97	13 HP 9.7 kW	18.2	DN80-PN16	156 ft 47.5 m	545 GPM 2063 LPM	2.6 in 65 mm
A4-15	2 HP 1.5 kW	3.4	DN80-PN16	33 ft 10.1 m	344 GPM 1302 LPM	3 in 75 mm
A4-22	3 HP 2.2 kW	4.8	DN80-PN16	39 ft 11.9 m	377 GPM 1427 LPM	3 in 75 mm
A4-30	4 HP 3 kW	6.2	DN80-PN16	54 ft 16.5 m	436 GPM 1650 LPM	3 in 75 mm
A4-41	5.5 HP 4.1 kW	8.3	DN100-PN16	62 ft 18.9 m	716 GPM 2710 LPM	3.5 in 90 mm
A4-56	7.5 HP 5.6 kW	11	DN100-PN16	66 ft 20.1 m	819 GPM 3100 LPM	3.5 in 90 mm
A4-75	10 HP 7.5 kW	14	DN100-PN16	79 ft 24.1 m	944 GPM 3573 LPM	3.5 in 90 mm

## PERFORMANCE CURVES

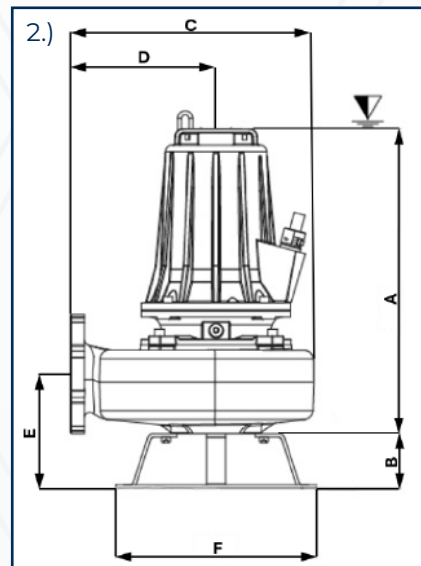
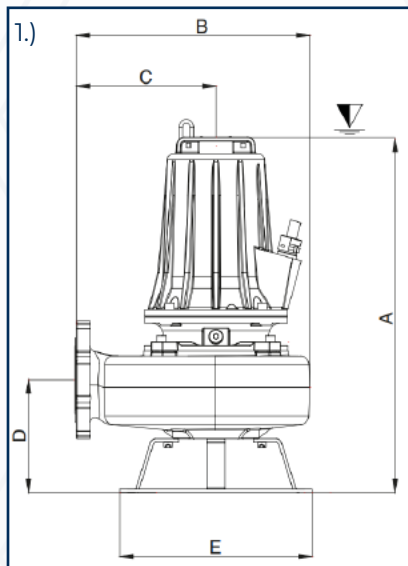


## MATERIALS

- **Cast Iron Housing & Impeller:** Offers strength and durability, protecting against wear and damage.
- **Stainless Steel Components:** External hardware & rotor are made of stainless steel for corrosion resistance and long-lasting performance.
- **Motor Protection:** Thermal Overload to protect the motor and extend pump life.

## DIMENSIONS

Displayed in mm



1.)

Model	A	B	C	D	E	F
A2-19	536	294	210	127	260	262
A2-22	536	294	210	187	260	262
A2-41	556	340	198	180	260	244
A2-56	610	368	198	180	320	274
A2-75	610	368	198	180	320	274
A2-97	610	368	198	180	320	274

2.)

Model	A	B	C	D	E	F
A4-15	441	80	398	845	178	320
A4-22	479	80	398	245	177	320
A4-30	478	80	398	245	177	320
A4-41	618	100	428	266	212	370
A4-56	618	100	428	266	212	370
A4-75	618	100	428	266	212	370



INDUSTRIAL  
FLOW  
SOLUTIONS™

North America / Latin America - IFS  
104 John W Murphy Drive New Haven, CT 06513 USA  
(860) 631-3618 | sales@flowsolutions.com  
www.flowsolutions.com