

A Series

Non-Clog Submersible Pumps



High-efficiency non-clog pumping for everyday wastewater applications.

Engineered to handle everything from clear water to sewage, **BJM Pumps® A Series** submersible pumps provide reliable, high-efficiency performance across a wide range of municipal, commercial, and industrial applications. Built for long service life and minimal maintenance, the A Series offers solutions for everything from local lift stations to larger wastewater infrastructure.

A2 / A4 MODELS

Reliable Performance for Small & Medium Wastewater Systems

Designed for commercial, residential, industrial, and municipal wastewater, the A Series delivers dependable solids handling for everyday wastewater collection and transfer.

Ideal Applications

- Commercial buildings
- Residential developments
- Municipal lift stations
- Industrial wastewater

A4L MODELS

High-Capacity Performance for Large Wastewater Systems

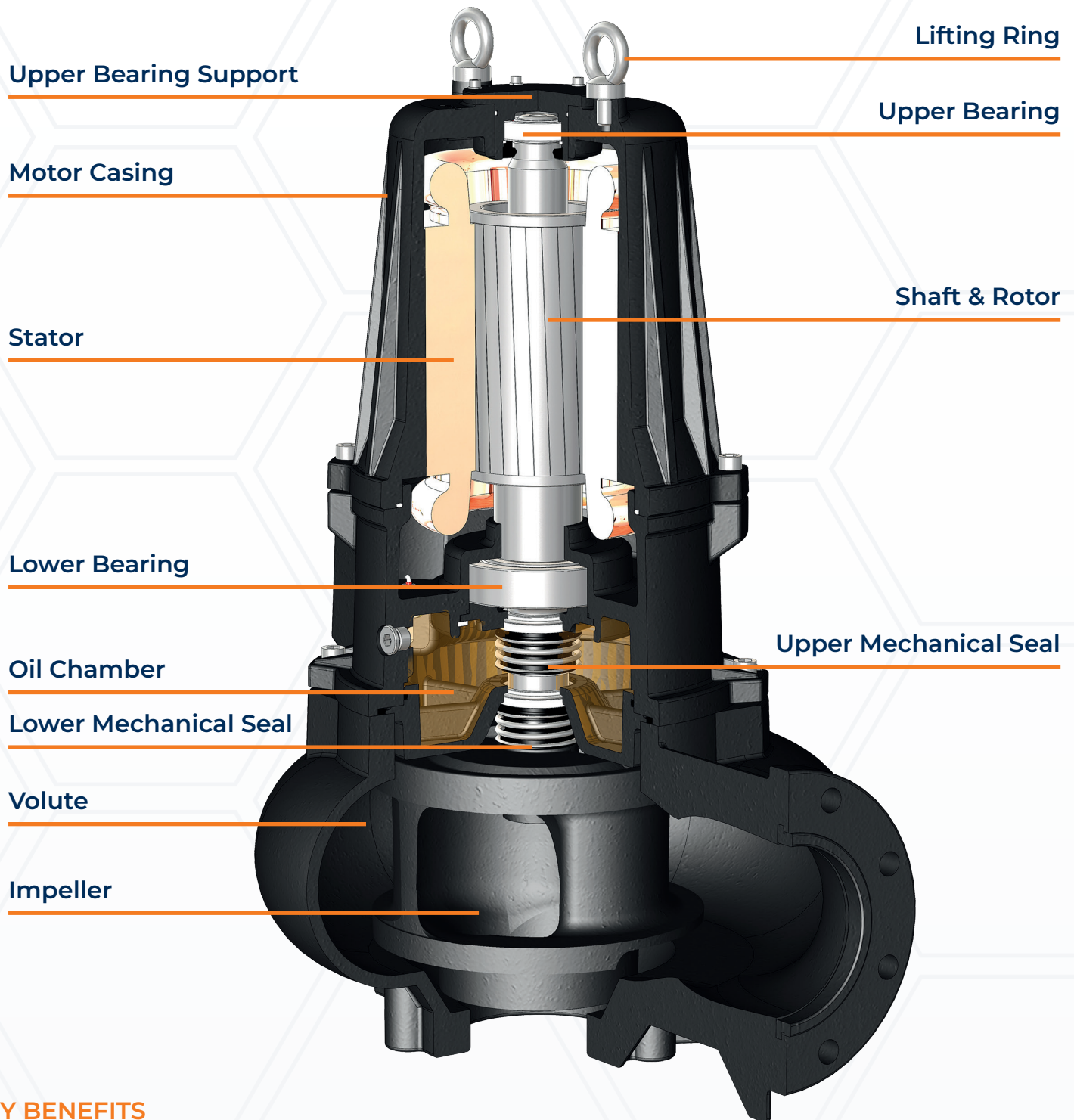
Built for higher flow rates and larger wastewater networks, the A4L models extends BJM's pumping capabilities to demanding municipal and industrial applications.

Ideal Applications

- Master lift stations
- Regional lift stations
- Wastewater treatment plants

MODEL COMPARISONS

A2	A4	A4L
2-pole	4-pole	4-pole
1.9 - 9.7kW (2.5 - 13HP)	1.5 - 7.5kW (2 - 10HP)	11.9 - 50.7kW (16 - 68HP)
Higher head	High flow	Higher flow
Pass solids up to 65mm (2.6in)	Pass solids up to 90mm (3.5in)	Pass solids up to 142mm (5.6in)
Semi-open impeller		Enclosed impeller
Small to medium capacity systems		High-capacity systems
Commercial, residential & local municipal lift stations		Regional & municipal infrastructure
Everyday wastewater collection		High-flow wastewater transport



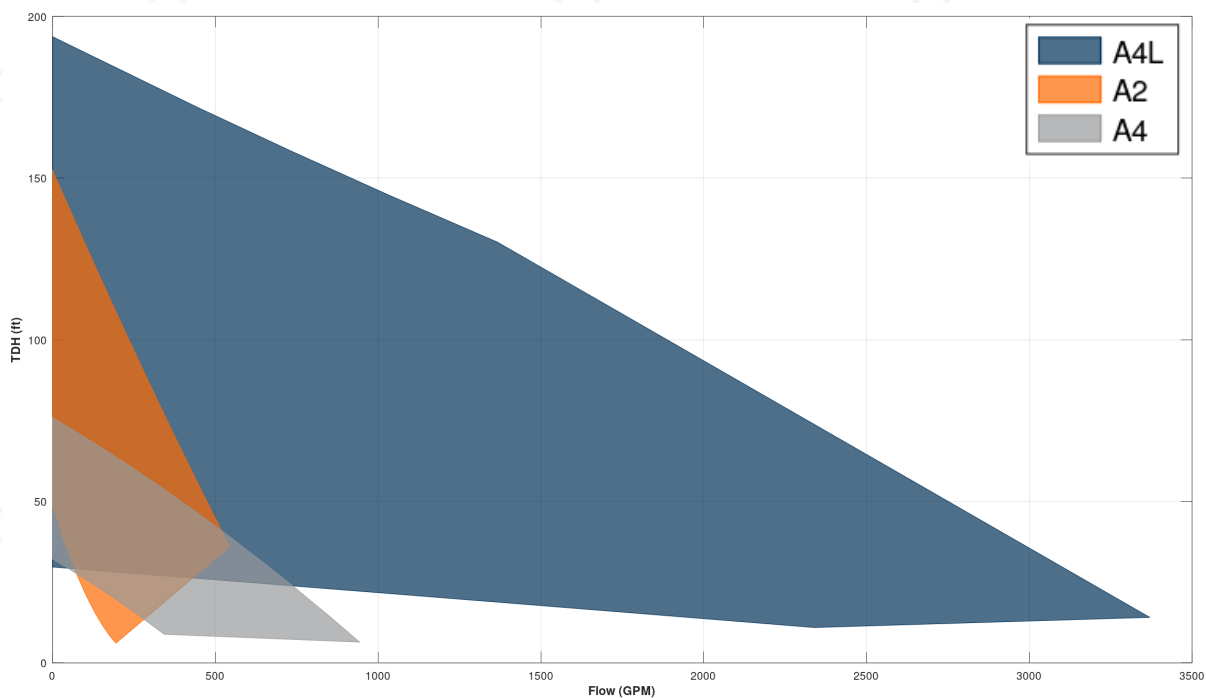
KEY BENEFITS

- **Built for Reliability:** Heavy-duty GG25 cast iron construction, dual mechanical seals, and premium internal components deliver dependable performance in demanding environments.
- **Designed for Maximum Uptime:** Standard Seal Minder® technology and built-in thermal protection help detect issues early to protect the pump and minimize unplanned downtime.
- **Engineered for Efficiency:** High-efficiency single and dual-channel impellers deliver exceptional hydraulic performance for clean water and wastewater applications.
- **Versatile Performance:** Engineered for everything from commercial wastewater to large municipal infrastructure.

PRODUCT CONSTRUCTION

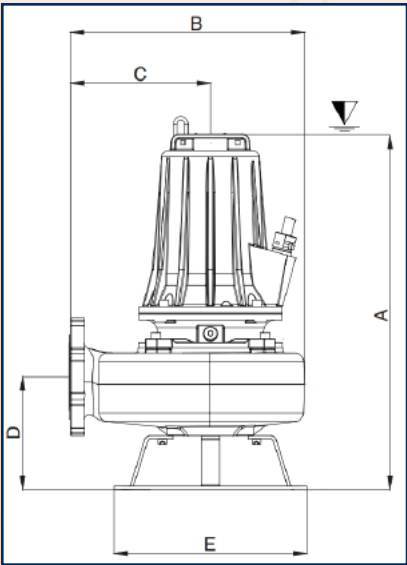
- **Heavy-Duty Cast Iron Construction:** GG25 cast iron housing and impeller provide strength, wear resistance, & long service life.
- **Corrosion-Resistant Components:** Stainless steel hardware and rotor deliver long-lasting corrosion resistance.
- **Integrated Motor Protection:** Built-in thermal overload protection helps prevent overheating and extends motor life.

PERFORMANCE CURVES



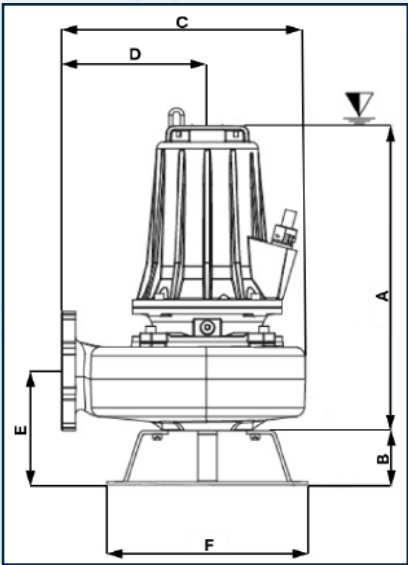
DIMENSIONS

A2



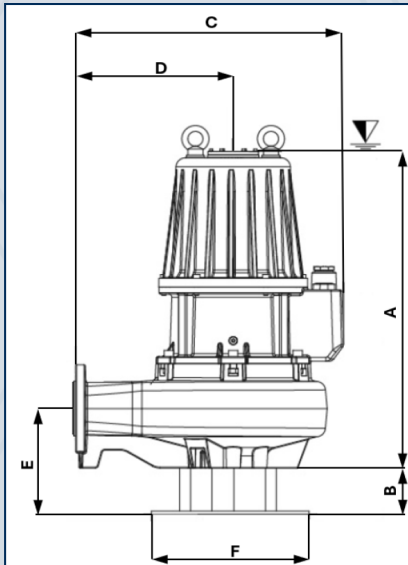
Model	A	B	C	D	E	F
A2-19	536	294	210	127	260	262
A2-22	536	294	210	187	260	262
A2-41	556	340	198	180	260	244
A2-56	610	368	198	180	320	274
A2-75	610	368	198	180	320	274
A2-97	610	368	198	180	320	274

A4



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

A4L



Model	A	B	C	D	E	F
A4L-119	723	125	561	324	267	420
A4L-149	790	216	736	453	386	650
14L-164	806	150	632	367	322	500
A4L-168	723	125	561	324	267	420
A4L-172	832	216	736	453	386	650
A4L-239	832	216	736	453	386	650
A4L-261	847	150	632	367	322	500
A4L-263	832	216	736	453	386	650
A4L-298	1040	150	851	499	345	500
A4L-399	1040	150	851	499	345	500
A4L-455	1040	150	851	499	345	500
A4L-507	1040	150	851	499	345	500

Displayed in mm

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
A4L-119	16 HP 11.9 kW	22.2	DN150 PN16	102 ft 31.1 m	1071 GPL 4054 LPM	3.2 in 81 mm
A4L-149	20 HP 14.9 kW	27	DN200 PN10	30 ft 9.1 m	2340 GPM 8858 LPM	4.4 in 112 mm
A4L-164	22 HP 16.4 kW	29.8	DN150 PN16	98 ft 29.9 m	1789 GPM 6772 LPM	4.4 in 112 mm
A4L-168	22.5 HP 16.8 kW	30.5	DN150 PN16	131 ft 39.9 m	1209 GPM 4577 LPM	3.2 in 81 mm
A4L-172	23 HP 17.2 kW	31.2	DN200 PN10	47 ft 14.3 m	2827 GPM 10701 LPM	4.4 in 112 mm
A4L-239	32 HP 23.9 kW	42.4	DN200 PN10	59 ft 18 m	3371 GPM 12761 LPM	4.4 in 112 mm
A4L-261	35 HP 26.1 kW	46	DN150 PN16	122 ft 37.2 m	2003 GPM 7582 LPM	4.8 in 122 mm
A4L-263	35.3 HP 26.3 kW	46.4	DN200 PN10	71 ft 21.6 m	3188 GPM 12068 LPM	4.4 in 112 mm
A4L-298	40 HP 29.8 kW	52	DN150 PN16	134 ft 40.8 m	2312 GPM 8752 LPM	4.4 in 112 mm
A4L-399	53.5 HP 39.9 kW	69.2	DN150 PN16	149 ft 45.4 m	2588 GPM 9797 LPM	4.8 in 122 mm
A4L-455	61 HP 45.5 kW	78.3	DN150 PN16	184 ft 56.1 m	2348 GPM 8888 LPM	5.2 in 132 mm
A4L-507	68 HP 50.7 kW	87.1	DN150 PN16	194 ft 59.1 m	1367 GPM 5175 LPM	5.6 in 142 mm



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