

U High-Head & High-Capacity

High-Head and High-Capacity Submersible Dewatering Pumps

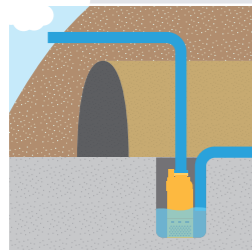
SERIES



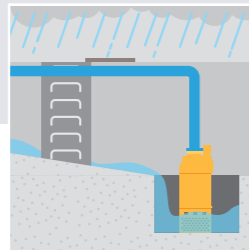
- Both high head and high capacity pumping are satisfied by the pumps.
- This series is available in models up to 185kW (220HP).
- The top discharge and the cylindrical water channel provides efficient motor cooling.
- The back pressure releasing mechanism is adopted to enable a long service life of the mechanical seal (EXCEPT U-210010A, U-215010A and U-225010A).
- Infiltrative water detector is adopted as a motor protector to prevent motor burnout (EXCEPT U-210010A, U-215010A and U-225010A). *For more information, refer to page 9.
- Wear-resistant materials such as high chrome alloy are used so that the performance of the pump is stable for a long time.
- The pumps are designed for easy maintenance and inspection. *For more information, refer to page 11.

Applications

- Dam drainage
- Port drainage

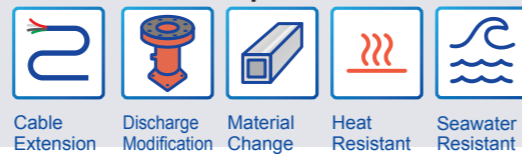


Tunnel construction sites drainage

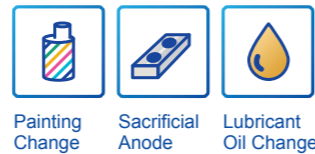


Underground drainage

Option



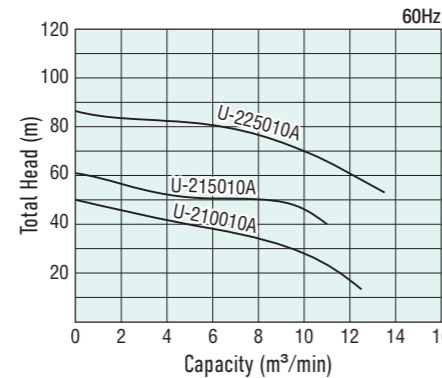
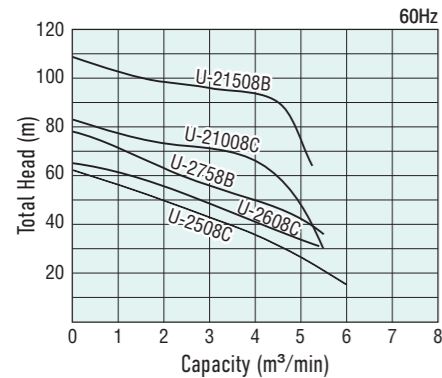
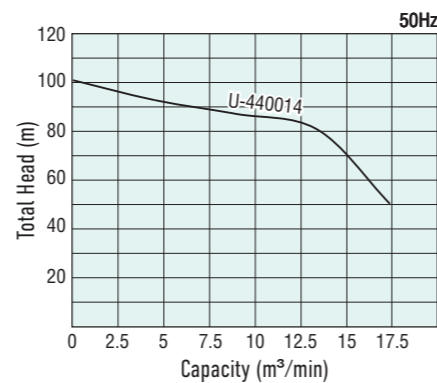
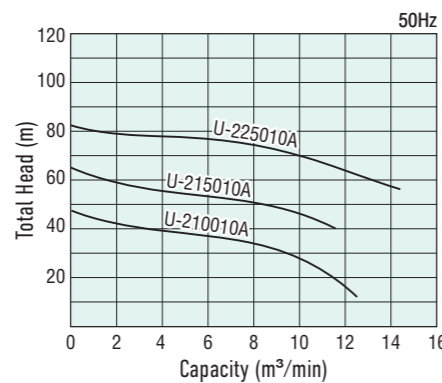
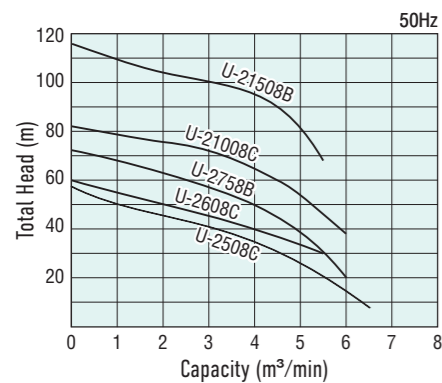
Cable Extension Discharge Modification Material Change Heat Resistant Seawater Resistant



Painting Change Sacrificial Anode Lubricant Oil Change

The available options vary depending on the model. For more information, refer to "Option" page 53.

Performance Curve



*For the curve of U-440014(60Hz), please contact Sakuragawa Pump or Sakuragawa dealers.

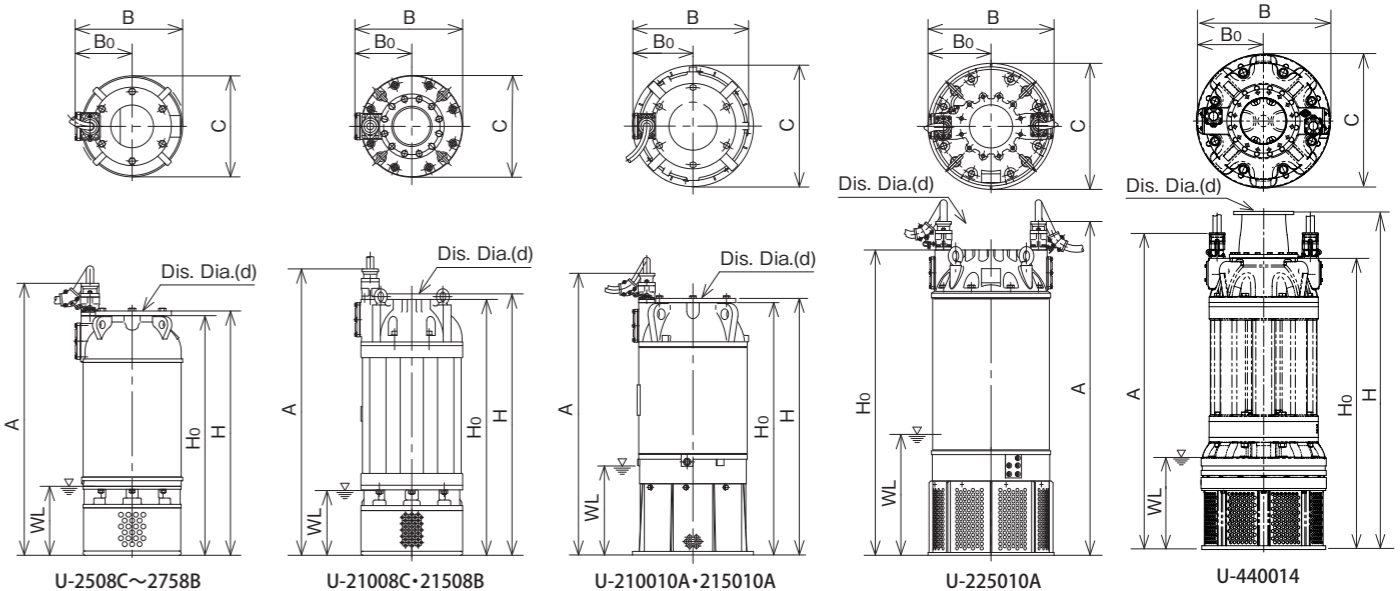
Main Specifications

Discharge Diameter (mm)	200	200	200	200	200	250	250	250	350
Pump Models	U-2508C	U-2608C	U-2758B	U-21008C	U-21508B	U-210010A	U-215010A	U-225010A	U-440014
Motor Output (kW)	37	45	55	75	110	75	110	185	300
Medium	Spring Water / Muddy Water								
Temperature	Max 40 Degrees Celsius								
Shaft Seal	Double Type Mechanical Seal								
Shaft Bearing	Sealed Ball Bearing								Duplex Ball Bearing
Impeller	High Chrome				Stainless Steel				High Chrome
Casing	*FCD500				*FC200		*FC250		*FCD500
Type/Pole	Dry Type Induction Motor / 2pole								Dry Type Induction Motor / 4pole
Insulation Class	F								
Protector	Miniature Thermal Protector + Infiltrative Water Detector								
Frame	*FC200			FC250			*SS400		
Shaft	Stainless Steel								
Discharge Type	Companion Flange								

*FCD : Ductile Cast Iron / FC : Cast Iron / SS400 : Mild Steel

Specifications

Discharge Diameter mm (in)	Pump Models	Motor Output		Total Head		Capacity			Starting	Max Solid Through		Weight (without cable)		Cable Length	
		kW	HP	m	ft	m³/min	m³/hr	USGPM		mm	in	kg	lb	m	ft
200 (8)	U-2508C	37	50	35	115	4	240	1,057	Star-Delta	25	1	510	1,122	20	65.6
200 (8)	U-2608C	45	60	40	131	4	240	1,057	Star-Delta	25	1	510	1,122	20	65.6
200 (8)	U-2758B	55	75	50	164	4	240	1,057	Star-Delta	25	1	560	1,232	20	65.6
200 (8)	U-21008C	75	100	60	197	4.5	270	1,189	Star-Delta	16	0.64	980	2,156	20	65.6
200 (8)	U-21508B	110	150	90	295	4.5	270	1,189	Star-Delta	16	0.64	1,080	2,376	20	65.6
250 (10)	U-210010A	75	100	33	108	8.4	504	2,219	Star-Delta	25	1	980	2,156	20	65.6
250 (10)	U-215010A	110	150	50	164	8.4	504	2,219	Star-Delta	25	1	1,000	2,200	20	65.6
250 (10)	U-225010A	185	250	70	230	10	600	2,642	Star-Delta	19	0.76	1,900	4,180	20	65.6
350 (14)	U-440014	300	400	70	230	15	900	3,960	Star-Delta	25	1	4,500	9,900	20	65.6



External Diagrams (mm)

Discharge Diameter	d	H	H ₀	A	B	B ₀	C	WL
U-2508C	200	1,246	1,222	1,387	548	291	515	350
U-2608C	200	1,246	1,222	1,316	548	291	515	350
U-2758B	200	1,246	1,222	1,387	548	291	515	350
U-21008C	200	1,414	1,384	1,549	583	308	550	350
U-21508B	200	1,414	1,384	1,549	583	308	550	350
U-210010A	250	1,442	1,418	1,583	678	338	680	500
U-215010A	250	1,442	1,418	1,583	678	338	680	500
U-225010A	250	—	1,798	1,963	730	365	730	700
U-440014	350	2,758	2,375	2,584	1,022	511	1,022	750

WL : Pump Starting Level