

When you need to be at the pinnacle of your job

Submersible pumps with only a single impeller* carry out dewatering job up to exceptionally high heads.

The straightforward structure of these models ensures easy maintenance at demanding worksites.

* The model U-22006 is fitted with twin stage impellers.



MOTOR PROTECTION

An INFILTRATIVE WATER DETECTOR (WD) and MINIATURE THERMAL PROTECTOR (MTP) are incorporated in the pump body to protect the motor from electrical and mechanical failures. Combined with the operating panel equipped with an ELECTROMAGNETIC CONTACTOR (MC), INFILTRATIVE WATER DETECTOR RELAY SET (WD-X) and THERMAL RELAY (THR) the pump provides faultless and safety conscience motor protection.

If water infiltrates the motor housing or the temperature in the motor winding rises to the set maximum the WD, fitted immediately beneath the motor compartment, or the MTP activates the MC via the WD-X or THR to cut the electricity supply to the motor.

U-2304B doesn't include the MTP or WD. These models can be provided with an external pump operating panel with MC for motor protection (at extra cost).

MOTOR

The motors are designed to provide high motor efficiency and torque. The stators comply with Class B insulation rating, high heat resistance.

SHAFT SEAL

The Double Mechanical Seals are cooled and lubricated in an oil bath. This combined with the Pressure Relief arrangement beneath the motor compartment guarantees reliable sealing and stable service for maximum life, at demanding installations.

IMPELLER AND CASING

The closed type impeller made of High Chrome Alloy is housed in a heavy gauge body and gives high efficiency pump performance. When combined with available casing material the pump provides excellent wear resistance in water containing abrasive particles.

GREASE REPLENISHER

A grease replenishing attachment is provided on models with more than 75kW motor output to simplify grease maintenance of bearings.

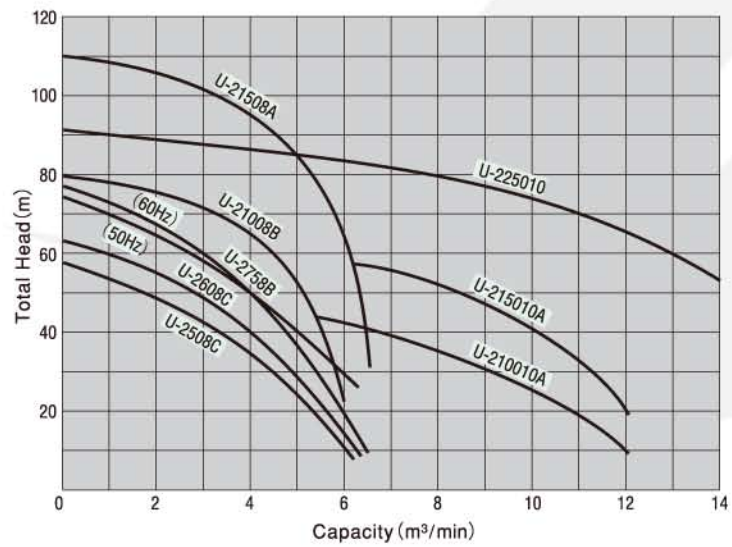
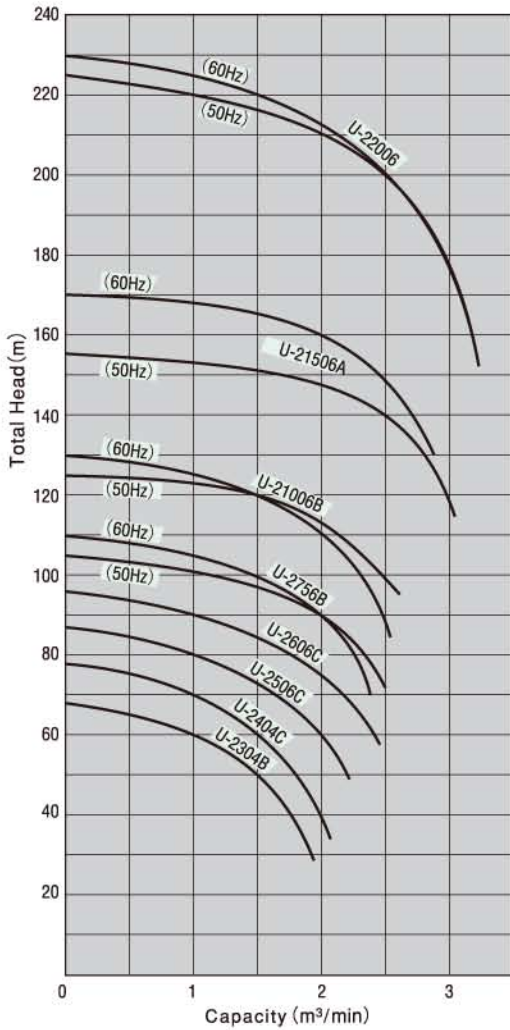
NOTE: In the case of stationary operation, water level regulating equipment is available upon request (at extra cost). Motors bigger than 37kW are star-delta starting. Other specific applications can be considered upon request.

APPLICATIONS

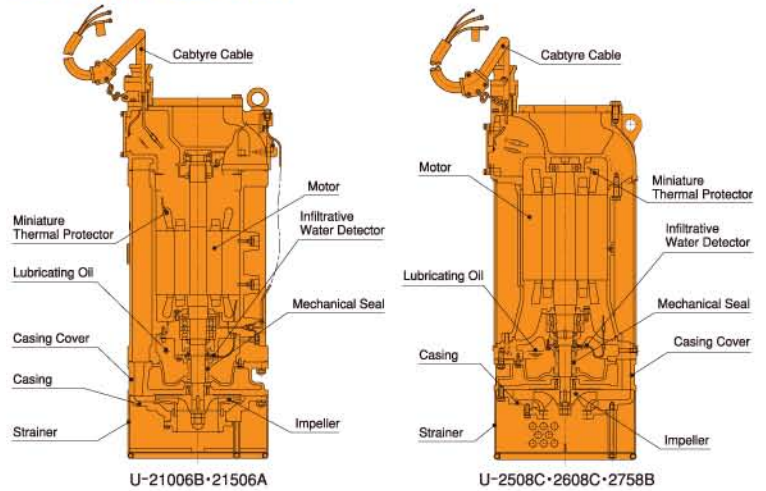
- Sump Drainage, Pit, Quarry, Mine, Cellar
- Tunnel, Caisson Dewatering, Reclamation Operation, Power Station Construction
- Waste, Storm or Emergency Water Removal, Dam, Harbour Projects
- Contractors & Rental Companies etc.

SUBMERSIBLE DEWATERING PUMP HIGH HEAD SERIES

PERFORMANCE CURVES



CUT-AWAY SECTION



SPECIFICATIONS

MODELS	DISCHARGE DIA.		MOTOR OUTPUT		HEAD		CAPACITY		CABLE LENGTH		WEIGHT(Without Cable)	
	mm	in	KW	HP	m	ft	m³/min	imp/GPM	m	ft	kg	lbs
U-2304B	100	4	22	30	60	197	1	220	20	66	280	617
U-2404C	100	4	30	40	70	230	1	220	20	66	380	838
U-2506C	150	6	37	50	80 60	262 197	1 2	220 440	20	66	485	1,069
U-2606C	150	6	45	60	90 75	295 246	1 2	220 440	20	66	485	1,069
U-2756B	150	6	55	75	90	295	2	440	20	66	545	1,202
U-21006B	150	6	75	100	120	394	1.5	330	20	66	980	2,161
U-21506A	150	6	110	150	140(160)*	459(525)*	2.5(2)*	550(440)*	20	66	1,080	2,381
U-22006	150	6	150	200	200	656	2.5	550	20	66	1,250	2,756
U-2508C	200	8	37	50	35	115	4	880	20	66	510	1125
U-2608C	200	8	45	60	40	131	4	880	20	66	510	1,125
U-2758B	200	8	55	75	50	164	4	880	20	66	560	1,235
U-21008B	200	8	75	100	60	197	4.5	990	20	66	980	2,161
U-21508A	200	8	110	150	90	295	4.5	990	20	66	1,080	2,381
U-210010A	250	10	75	100	33	108	8.4	1,848	20	66	970	2,138
U-215010A	250	10	110	150	50	164	8.4	1,848	20	66	1,000	2,204
U-225010	250	10	185	250	74	243	10	2,200	20	66	1,450	3,196

* Figures in parentheses refer at 60Hz * Specifications are subject to change without notice.

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