

Lightweight Submersible Dewatering Pumps

US Series

#Compact / #SimpleStructure / #EasyMaintenance

Construction Submersible Pumps

Construction Submersible Pumps



US-40J



The unification of the strainer and the casing improves the maintainability.



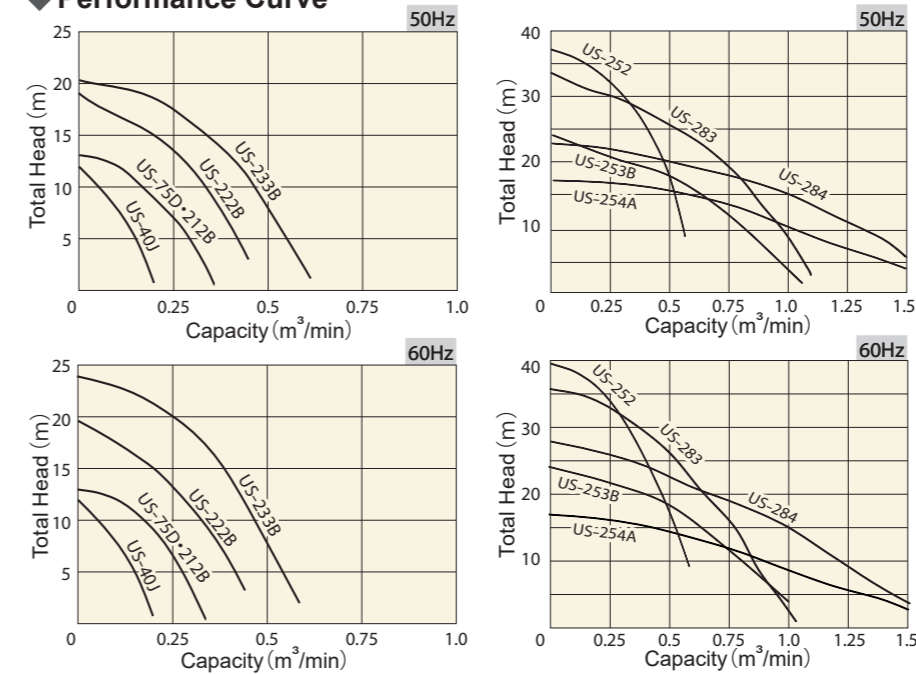
US-283

- This series pumps are made of aluminum and lightweight.
- A stain-resistant paint is applied.

◆ Applications

- Dewatering on construction sites
- Dewatering of spring/ground and stagnant water
- Drainage at factories
- Drainage at basements, underpasses, and pits
- Water intake and supply in agriculture and industry

◆ Performance Curve



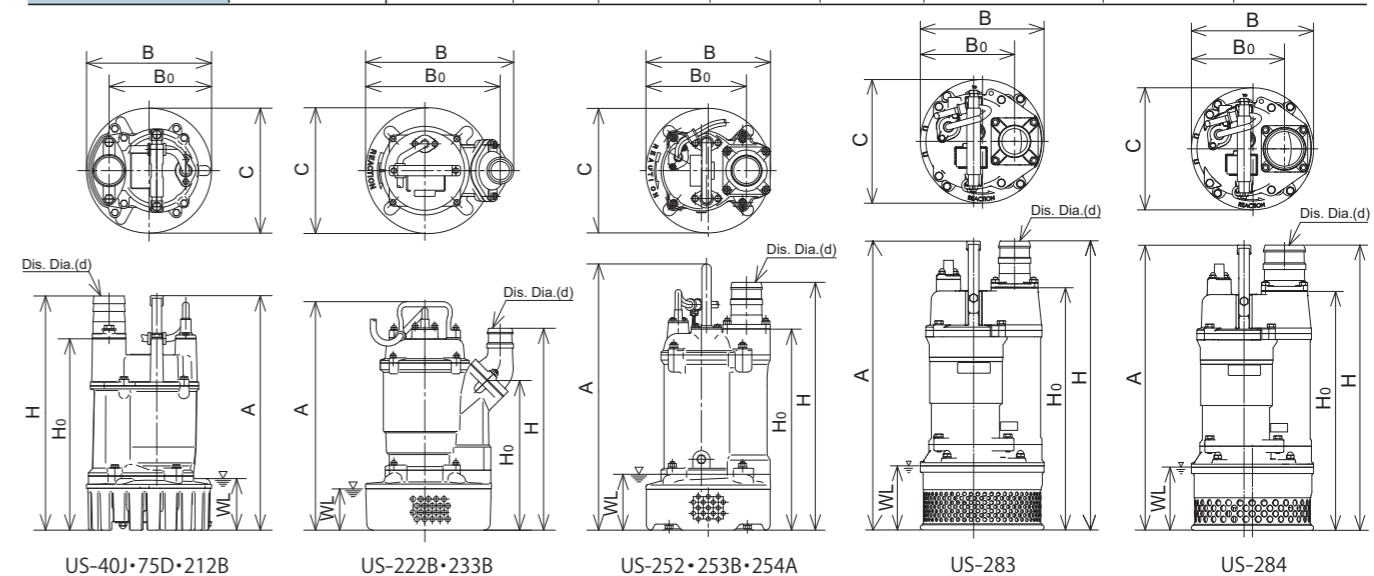
◆ Specifications

Discharge Diameter (mm)	Pump Models	Motor Output (kW)	Phase	Total Head (m)	Capacity (m³/min)	Starting	Max Solid Through (mm)	Weight (kg) *Without Cable	Cable Length (m)
50	US-40J	0.4	Single	8	0.1	Capacitor	7	12	5
50	US-75D	0.75	Single	10	0.15	Capacitor	7	15.5	5
50	US-212B	0.75	Three	10	0.15	DOL	7	13.6	5
50	US-222B	1.5	Three	15	0.2	DOL	10	21	10
80	US-233B	2.2	Three	12	0.4	DOL	10	23	10
50	US-252	3.7	Three	32	0.2	DOL	10	40	10
80	US-253B	3.7	Three	18	0.5	DOL	10	36	10
100	US-254A	3.7	Three	9	1	DOL	10	41	10
80	US-283	5.5	Three	26	0.5	DOL	9	54	10
100	US-284	5.5	Three	15	1	DOL	15	54	10

◆ Main Specifications

Discharge Diameter (mm)	50	50	50	50	80	50	80	80	80	100
Pump Models	US-40J	US-75D	US-212B	US-222B	US-233B	US-252	US-253B	US-254A	US-283	US-284
Motor Output (kW)	0.4	0.75	0.75	1.5	2.2	0.4	3.7	3.7	5.5	5.5
Medium	Type Rain Water / Spring Water / Muddy Water									
	Temperature Max 40 Degrees Celsius									
	Shaft Seal Double Type Mechanical Seal									
Pump	Shaft Bearing Sealed Ball Bearing									
	Impeller *FCD					High Chrome				
	Casing *SPC+Synthetic Rubber					*FCD High Chrome *FCD *AC4C+Synthetic Rubber				
Motor	Type/Pole Dry Type Induction Motor/2pole									
	Phase Single					Three				
	Insulation Class E F									
	Protector Auto-Cut									
	Frame *ADC					*AC4C				
	Shaft Stainless Steel									
Discharge Type Hose Coupling										

*FCD : Ductile Cast Iron / SPC : Carbon Steel / AC4C : Aluminum Alloy Casting / ADC : Die Casting Aluminum Alloy



◆ External Diagrams (mm)

Pump Models	d	H	H ₀	A	B	B ₀	C	WL
US-40J	50	364	297	364	194	159	194	80
US-75D	50	441	374	441	194	159	194	80
US-212B	50	441	374	441	194	159	194	80
US-222B	50	392	290	443	287	261	244	80
US-252	50	527	442	622	290	232	290	130
US-233B	80	412	290	443	300	261	244	80
US-254A	100	561	452	632	290	232	290	110
US-253B	80	551	442	622	290	232	290	130
US-283	80	673	563	678	290	221	290	150
US-284	100	673	563	678	290	221	260	150

WL : Pump Starting Level