

Submersible Agitator Pumps

U-K-A Series

#Agitator / #EnergySaving / #Durability

Construction / Mining Submersible Pumps

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U-233KD-A



U-4126K-A

- U-K-A series pumps equipped with an agitator as the standard.
- Sands in water is efficiently transferred as the agitator stirs it.
- Wear-resistant material is used for the agitator and the impeller.

◆ Applications

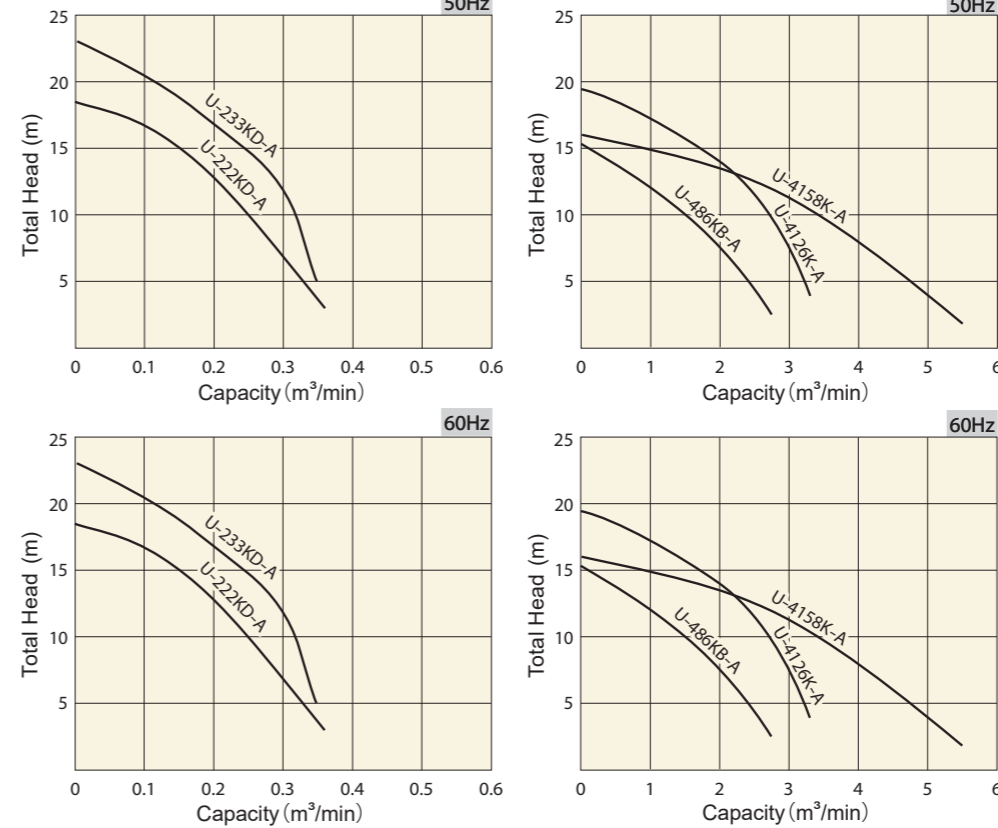
- Dewatering on construction sites
- Agitation and transfer of sands in water
- Collection of sands, pebbles and sediments in water
- Removal of mill scales
- Drainage of muddy water in mines

◆ Main Specifications

Discharge Diameter (mm)	50	80	150	150	200
Pump Models	U-222KD-A	U-233KD-A	U-486KB-A	U-4126K-A	U-4158K-A
Motor Output (kW)	1.5	2.2	5.5	9	11
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		*FCD		
	Casing *FCD		*FC		
	Type/Pole Dry Type Induction Motor/2pole		Dry Type Induction Motor/4pole		
Motor	Insulation Class F		B	F	B
	Protector Auto-Cut				
	Frame *FC				
	Shaft Stainless Steel				
Discharge Type	Hose Coupling				

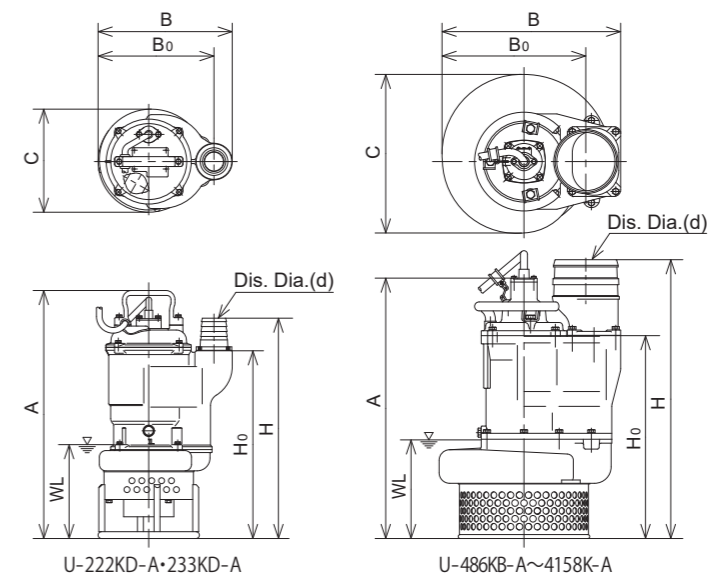
*FCD : Ductile Cast Iron / FC : Cast Iron

◆ Performance Curve



◆ Specifications

Discharge Diameter (mm)	Pump Models	Motor Output (kW)	Total Head (m)	Capacity (m³/min)	Starting	Max Solid Through (mm)	Weight (kg) *Without Cable	Cable Length (m)
50	U-222KD-A	1.5	12	0.2	DOL	12	31	10
80	U-233KD-A	2.2	12	0.3	DOL	12	34	10
150	U-486KB-A	5.5	10	1.5	DOL	20	124	10
150	U-4126K-A	9	14	2	DOL	20	180	10
200	U-4158K-A	11	8	4	DOL	20	200	10



◆ External Diagrams (mm)

Pump Models	d	H	H ₀	A	B	B ₀	C	WL
U-222KD-A	50	446	380	502	272	235	209	190
U-233KD-A	80	501	400	522	291	245	209	190
U-486KB-A	150	745	553	743	457	376	381	250
U-4126K-A	150	806	613	788	541	460	480	300
U-4158K-A	200	848	617	792	543	437	483	300

WL : Pump Starting Level