

Submersible Agitator Pumps

U-K-A Series

#Agitator / #EnergySaving / #Durability



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

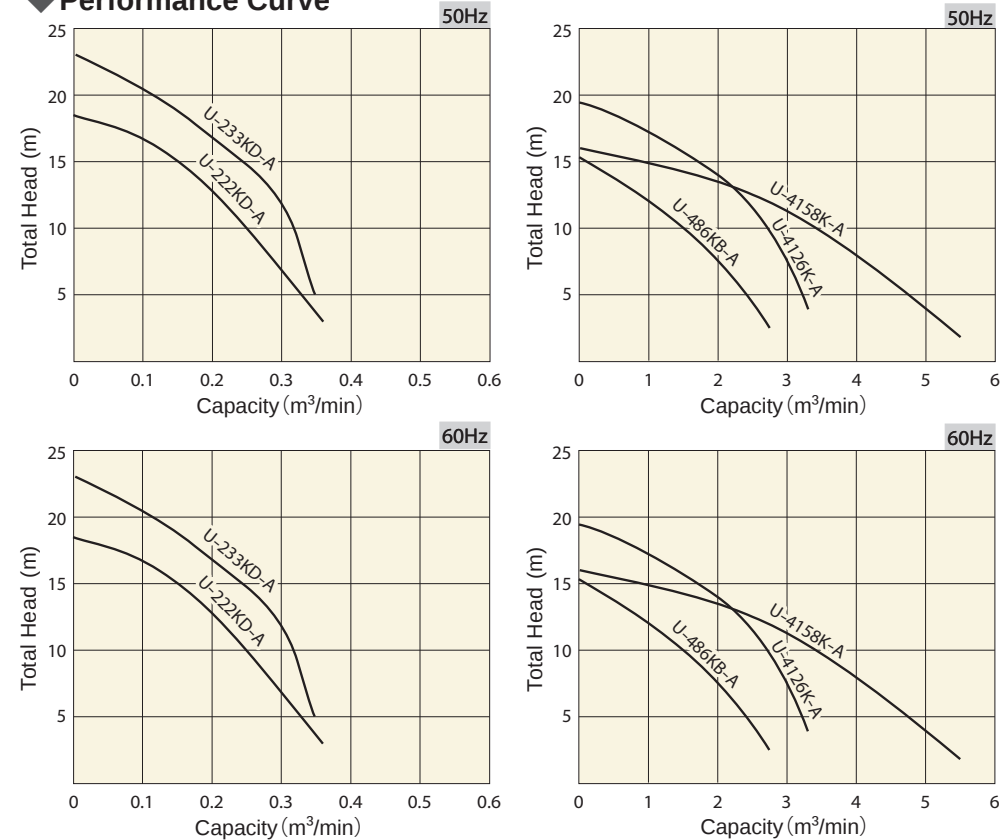
- Dewatering on construction sites
- Agitation and transfer of sands in water
- Collection of sands, pebbles and sediments in water
- Removal of mill scales
- Drainage of muddy water in mines

◆ 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	Rain Water / Spring Water / Muddy Water				
Temperature	Max 40 Degrees Celsius				
Shaft Seal	Double Type Mechanical Seal				
Pump	Sealed Ball Bearing				
Shaft Bearing	*FCD				
Impeller	High Chrome				
Casing	*FCD				
Type/Pole	Dry Type Induction Motor/2pole				
Insulation Class	F				
Motor	Auto-Cut				
Protector	*FC				
Frame	*FC				
Shaft	Stainless Steel				
Discharge Type	Hose Coupling				

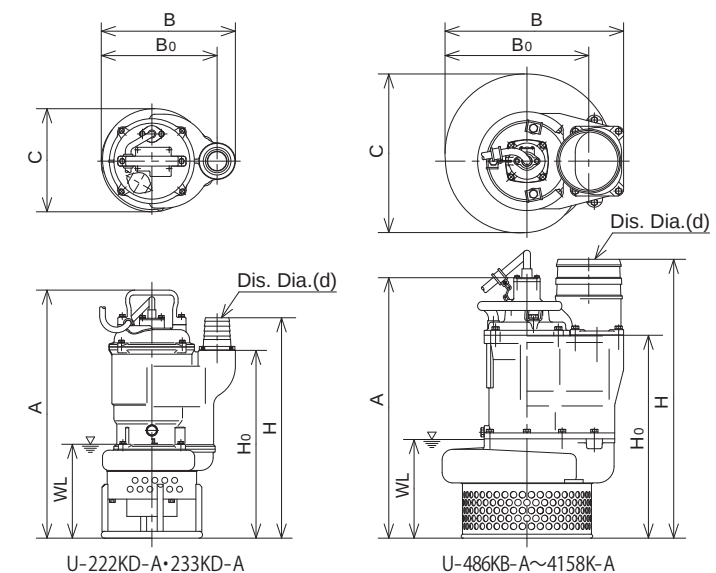
*FCD : Ductile Cast Iron / FC : Cast Iron

◆ 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	H0	A	B	B0	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