

Submersible Dewatering Pumps

BUCF · BU/BU-K(A) · SN

BUCF (2-poles, cast iron construction)

Bore: 100-150mm Output: 7.5-11kW

These pumps accommodate deep water and incorporate special pressure-proof mechanical seals. They are designed for ease of assembly and disassembly.

- The main components of the BUCF series are made of durable FC (cast iron).

Standard Specifications

Bore mm	Model	Output kW	Capacity-Total Head m ³ /mim-m		No. of poles	Weight kg
			50Hz	60Hz		
100	BUCF2104 (-F)	7.5	1.0-27.0	1.0-27.0	2	113 (118)
	BUCF2154 (-F)	11	1.0-35.0	1.0-35.0	2	118 (123)
150	BUCF2106 (-F)	7.5	2.0-10.0	2.0-10.0	2	106 (113)
	BUCF2156 (-F)	11	2.0-15.0	2.0-15.0	2	111 (118)

Principal Materials

Cable	2PNCTS
Motor shaft	SUS420J2
Pump Housing	BUCF2104:FCD500 BUCF2106:Synthetic rubber
Impeller	High chrome cast iron
Mechanical seal	Upper Ceramic/CAC
	Lower SiC/SiC



BU (4-poles) / BU-K(A) (4-poles, with agitator blade)

Bore: 150-200-250mm Output: 5.5-22kW

Thanks to its highly efficient design, this energy-conserving model consumes less power. The motors are subjected to little strain because they are engineered for a wide margin of operating conditions.

- The outlet accommodates a standard hose coupling. A flange type can also be used.

Standard Specifications

Bore mm	Model	Output kW	Capacity-Total Head m ³ /mim-m		No. of poles	Weight kg
			50Hz	60Hz		
150	BU486KB	5.5	2.0-10.0	2.0-10.0	4	124
	BU486KBA					
	BU4126K	9	2.0-16.0	2.0-16.0		
	BU4126KA					
200	BU4158K	11	4.0-10.0	4.0-10.0	4	200
	BU4158KA					
250	BU43010B	22	8.0-10.0	8.0-10.0	4	365

Principal Materials

Cable	2PNCTS, 2RNCT (5.5kW)
Motor shaft	SUS420J2
Pump Housing	FC250 BU43010B:FC200
Impeller	FCD700 BU43010B:High chrome cast iron
Mechanical seal	Upper SiC/SiC BU43010B: Ceramic/CAC
	Lower SiC/SiC BU43010B: Cemented carbide/Cemented carbide



SN (4-poles or 6-poles)

Bore: 80-100-150-200mm Output: 3.7-37kW

This pump is powerful enough for dewatering applications with a heavy sand content.

- Choose a model with an agitator blade or a jet type to meet your specific requirements.

Standard Specifications

Bore mm	Model	Output kW	Capacity-Total Head m ³ /mim-m		No. of poles	Weight kg
			50Hz	60Hz		
80	SN35A	3.7	0.8-10.0	0.8-10.0	4	114
100	SN48E	5.5	1.3-10.0	1.3-10.0	4	115
150	SN615C	11	2.0-14.0	2.0-14.0	4	240
	SN631/SN631A	22	3.2-15.0	3.2-15.0	4	430 / 435
	SN651A/SN651J	37	3.2-25.0	3.2-25.0	6	740 / 785
200	SN851A/SN851J	37	6.0-19.0	6.0-19.0	6	785 / 815

Principal Materials

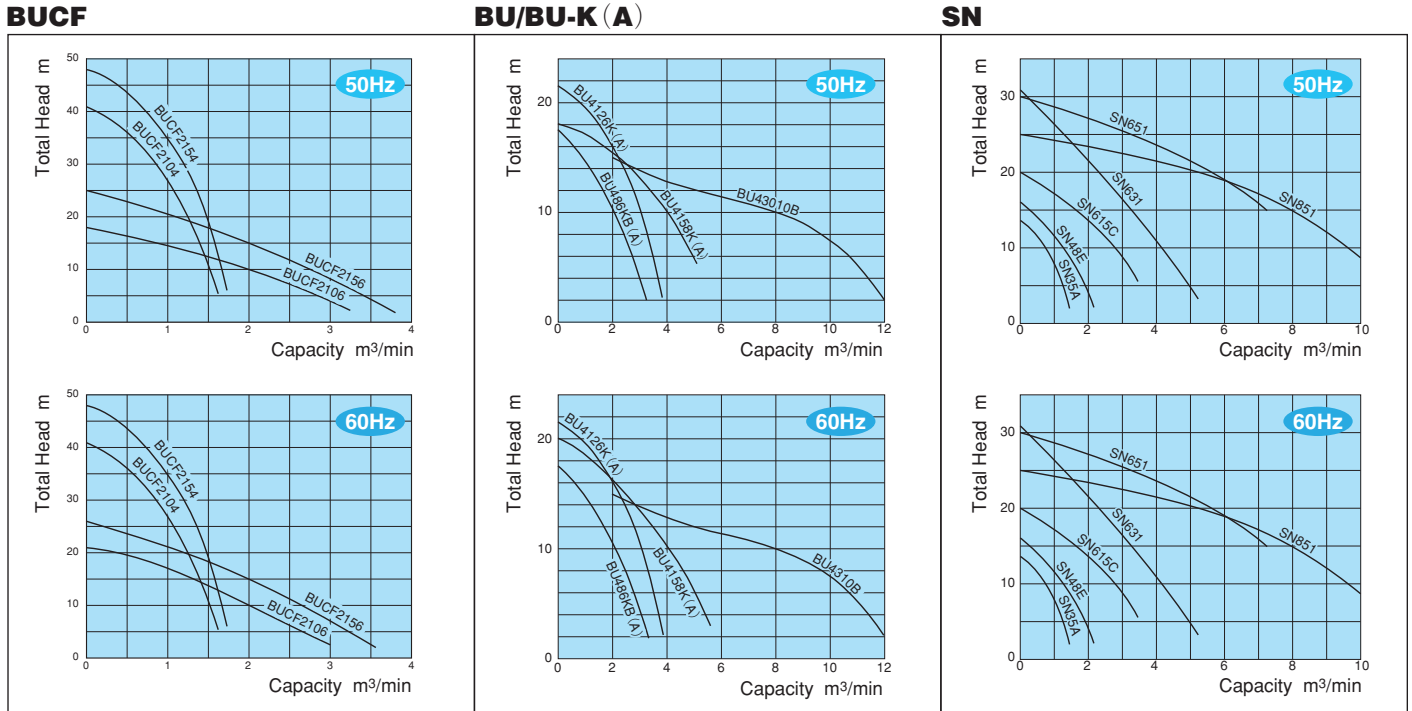
Cable	2RNCT or 2PNCT
Motor shaft	SUS420J1 or J2
Pump Housing	FC250 or FCD500
Impeller	High chrome cast iron
Agitator blade	High chrome cast iron
Mechanical seal	Upper SiC/SiC SN615C: Ceramic/BC SN631(A): Stainless steel/Carbon
	Lower SiC/SiC, SN615C, SN631(A), SN651A(J), SN851A(J) : Cemented carbide/Cemented carbide



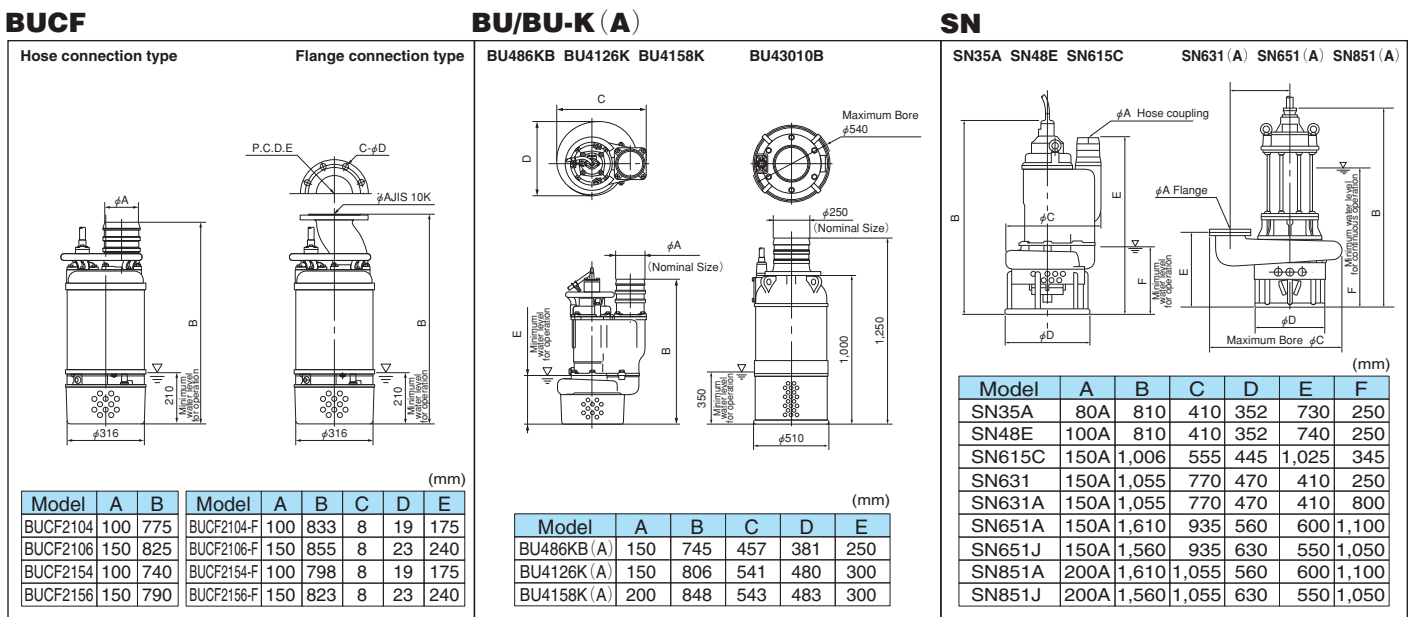
Standard Accessories

- Cable (10m)1pc
 - Hose coupling or discharge (with flange)1pc
- *Only BUCF·BU-K (A) Series

Performance Curves



Dimensions



Specifications and dimensions are subject to change without notice.

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