

Standard Clearance between Impeller and Suction Cover for Wastewater and Industrial Pumps

This table is to be used as a reference when inspecting or reassembling the pump. Deviating from these values can lead to underperformance and overcurrent. The clearance can be adjusted by adding/removing suction cover packings and/or impeller shims. Please refer to the instruction manual for details. The acceptable range is $\pm 0.1\text{mm}$ from the value in the following table.

	Model	Impeller Clearance			Model	Impeller Clearance		
		mm	inch			mm	inch	
B	50B2.4S	0.5	0.0197		C	50C2.75S	0.3	0.0118
	50B2.75S					50C2.75		
	50B2.4					80C21.5	0.5	0.0197
	50B2.75					80C22.2-CR	0.3	0.0118
	50B2.75H					80C23.7-CR		
	80B21.5					80C25.5-CR		
	50B4.4					80C27.5-CR		
	50B4.75					80C211-CR		
	80B41.5					80C215-CR		
	100B42.2					10C222-CR	0.5	0.0197
	100B43.7					50C4.75		
	80B43.7H					80C41.5	0.3	0.0118
	100B43.7H					100C42.2		
	150B47.5H					100C43.7		
	150B411					100C45.5		
	150B415					100C47.5		
	250B415					100C411		
	150B422					100C415		
	200B422H					150C611-CR		
	200B422					200C615-CR		
BER	8-BER4	0.5	0.0197		SFQ	50SFQ2.4S	0.5	0.0197
	15-BER3					50SFQ2.4		
	22-BER5					50SFQ2.75		
	37-BER5					80SFQ21.5		
SF	50SF2.75	0.5	0.0197			80SFQ23.7		
	50SF21.5					80SFQ25.5		
	50SF22.2					80SFQ27.5		
	50SF23.7					80SFQ211		
	80SF25.5							
	80SF27.5							
	80SF211							