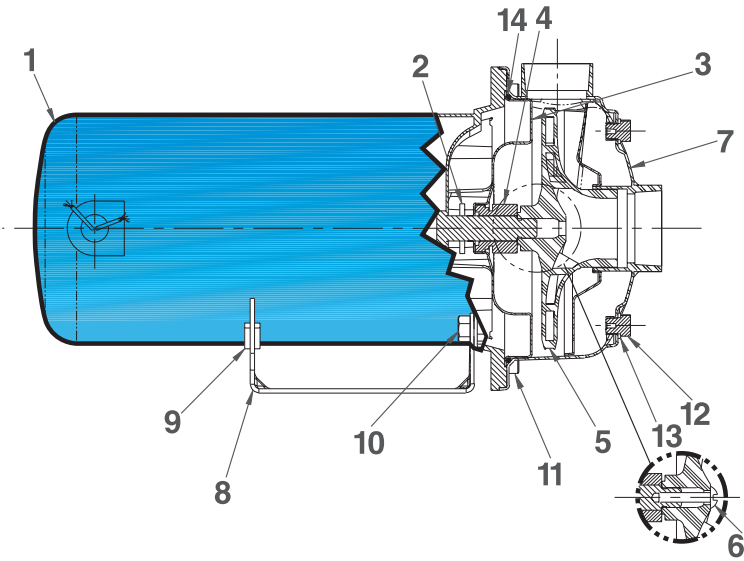


304 S.S. / 304 S.S. IMPELLER DURABLE LONGLIFE CONSTRUCTION

Materials of Construction						
Item No.	Description		Material			
1	Motor					
2	Water Slinger		Neoprene			
3	Seal Plate		AISI 304 S.S.			
5	Impeller		AISI 304 S.S.			
6	Impeller Locking Screw		18-8 S.S. (3 Phase Only)			
7	Casing		AISI 304 S.S.			
8	Base		Powder Painted Steel			
9	Isolator		Natural Rubber			
10	Socket Head Capscrew		AISI 304 S.S.			
11	Socket Head Capscrew		18-8 S.S.			
12	Vent/Drain Plug (Top & Bottom)		AISI 304 S.S.			
13	Gasket (Top & Bottom)		Teflon®			
14	O-Ring		Viton			
4	Mechanical Seal					
	Seal Option	Crane Type	Rotary	Stationary	Elastomer	Metal Parts
	2	2100	Carbon	Ceramic	Viton	18-8 S.S.
	3	2100	Carbon	Silicon-Carbide	Viton	18-8 S.S.
	4	2100	Silicon-Carbide	Silicon-Carbide	Viton	18-8 S.S.



Materials of Construction						
Item No.	Description			Material		
1	Motor					
2	Water Slinger			Neoprene		
3	Seal Plate			AISI 304 S.S.		
5	Impeller			Noryl®/AISI 316 S.S.		
6	Impeller Locking Screw			18-8 S.S. (3 Phase Only)		
7	Casing			AISI 304 S.S.		
8	Base			Powder Painted Steel		
9	Isolator			Natural Rubber		
10	Socket Head Capscrew			AISI 304 S.S.		
11	Socket Head Capscrew			18-8 S.S.		
12	Vent/Drain Plug (Top & Bottom)			AISI 304 S.S.		
13	Gasket (Top & Bottom)			Teflon		
14	O-Ring			Buna-N		
4	Mechanical Seal					
	Seal Option	Crane Type	Rotary	Stationary	Elastomer	Metal Parts
	1	6	Carbon	Ceramic	Buna-N	18-8 S.S.
	2	2100	Carbon	Ceramic	Viton	18-8 S.S.
	3	2100	Carbon	Silicon-Carbide	Viton	18-8 S.S.
	4	2100	Silicon-Carbide	Silicon-Carbide	Viton	18-8 S.S.

SSCX SERIES CENTRIFUGAL PUMPS

CHEMICAL COMPATIBILITY						
Chemical Name	Concentration	Temperature Degree F°	Noryl®	304 SS	Buna	Viton
Acetic Acid	10%	78	A	A	B	A
	10%	185	A	A	B	B
	90%	78	A	A	D	B
	90%	185	A	A	D	D
Ammonia		78	A	A	D	A
Ammonium Hydroxide	10%	78	A	A	A	A
Ammonium Phosphate	10%	185	A	A	A	A
	Sat.	78	A	A	A	A
Antifreeze	Sat.	185	A	A	A	A
		78	A	A	A	A
Cascade	10%	78	A	A	A	A
	10%	185	A	A	A	A
		78	A	A	B	A
Chlorox		185	A	A	B	A
Corn Oil		78	A	A	A	A
		185	A	A	A	A
Ethylene Glycol		78	A	A	A	A
Isopropyl Alcohol		78	A	A	D	A
		185	B	A	D	A
Kerosene		78	A	A	D	A
		185	A	A	D	A
Lestoil	2%	185	A	A		
Linseed Oil		78	A	A	A	A
Methyl Alcohol		78	A	A	B	D
White Mineral Oil		78	B	A	A	A
		185	B	A	A	A
Nitric Acid		78	A	A	D	A
		185	A	A	D	A
Oleic Acid		78	A	A	D	B
Phosphoric Acid	60%	78	A	A	D	A
	Sat.	185	A	A	A	A
Potassium Bicarbonate	Sat.	78	A	A	A	A
	Sat.	185	A	A	A	A
Potassium Hydroxide	50%	78	A	A	B	B
	50%	185	A	A	B	B
Silicon		78	A	A	A	A
		185	A	A	A	A
Sodium Bicarbonate	Sat.	78	A	A	A	A
	Sat.	185	A		A	A
Sodium Chloride	Sat.	78	A	A	A	A
	Sat.1	85	A	B	A	A
Sodium Hydroxide	10%	78	A	A	B	A
	50%	78	A	B	D	A
	98%	78	A	A	D	A
		78	A	A	A	A
Transmission Fluid		185	A	A	A	A
		78	A	A	A	A
Water		78	A	A	A	A
		185	A	A	B	A
		212	B	A	B	B

A-No Effect - Excellent B-Minor Effect - Good C-Moderate to Severe Effect D-Not Recommended



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The Chemical Compatibility Chart is not intended to be a complete list. For more information on additional chemical compatibilities, consult with an authorized Berkeley Customer Service Representative.

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