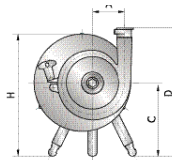
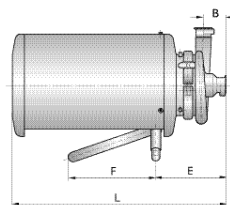


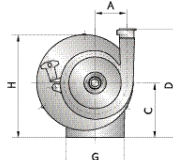
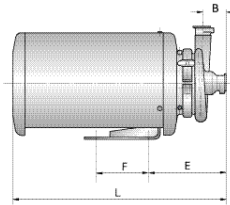


“The reliable choice for your process”

■ STANDARD VERSION



■ BASE MOUNTING VERSION



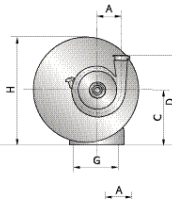
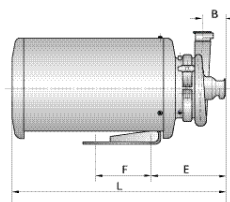
■ STANDARD VERSION

Model No	MOTOR		CONNECTION		DIMENSION							
	RPM	KW	SUCT.	DISCH.	A	B	C	D	E	F	G	H
JP 405-236	3600	1.5	51	38	88	60	200	350	185	230	230	335
JP 405-336	3600	2.2	51	38	88	60	200	350	185	230	230	335
JP 408-536	3600	3.7	51	38	88	60	220	370	195	260	260	380
JP 609-736	3600	5.5	63	51	100	55	260	410	220	315	300	454
JP 609-1036	3600	7.5	63	51	100	55	260	410	220	315	300	454

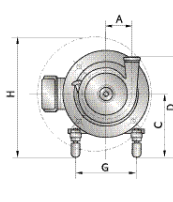
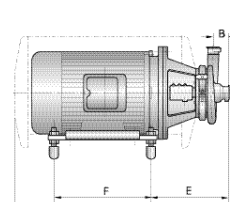
■ BASE MOUNTING VERSION

Model No	MOTOR		CONNECTION		DIMENSION							
	RPM	KW	SUCT.	DISCH.	A	B	C	D	E	F	G	H
JP 405-236	3600	1.5	51	38	88	60	200	350	185	230	230	335
JP 405-336	3600	2.2	51	38	88	60	200	350	185	230	230	335
JP 408-536	3600	3.7	51	38	88	60	220	370	195	260	260	380
JP 609-736	3600	5.5	63	51	100	55	260	410	220	315	300	454
JP 609-1036	3600	7.5	63	51	100	55	260	410	220	315	300	454

■ BASE MOUNTING VERSION



■ FRAME MOUNTING VERSION



■ BASE MOUNTING VERSION

Model No	MOTOR		CONNECTION		DIMENSION							
	RPM	KW	SUCT.	DISCH.	A	B	C	D	E	F	G	H
JP 910-F1536	3600	11	76	63	118	65	270	440	327	420	254	505
JP 910-F2036	3600	15	76	63	118	65	270	440	327	420	254	505
JP 910-F2536	3600	18.5	76	63	118	65	270	440	327	420	254	505

■ FRAME MOUNTING VERSION

Model No	MOTOR		CONNECTION		DIMENSION							
	RPM	KW	SUCT.	DISCH.	A	B	C	D	E	F	G	H
JP 910-F1536	3600	11	76	63	118	65	270	440	327	420	254	505
JP 910-F2036	3600	15	76	63	118	65	270	440	327	420	254	505
JP 910-F2536	3600	18.5	76	63	118	65	270	440	327	420	254	505
JP 915-F3036	3600	22	76	63	118	65	290	460	340	420	254	550



**JEC**

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# JEC - Always a Step Ahead

CENTRIFUGAL PUMPS JP SERIES



**JEC**

High Pride  
Higher Performance  
The Highest Quality Products



Authentication of Merit

JEC Ltd. is the specialist in the fields of sanitary pumps.

JEC was established in 1990 and started producing the sanitary pumps that were made by precision casting and press for the first time in Korea. Since then, JEC has successfully produced and marketed the processing plants such as rotary pumps, self-priming pumps, and blenders as well as centrifugal pumps. Now we are enjoying a good reputation for specially applied fields as well as general installation demands. JEC's success as good as highest quality manufacturer in the fields of sanitary pumps in the past is attributed to artisanship and customer's belief.

We build up not deals but relationships.

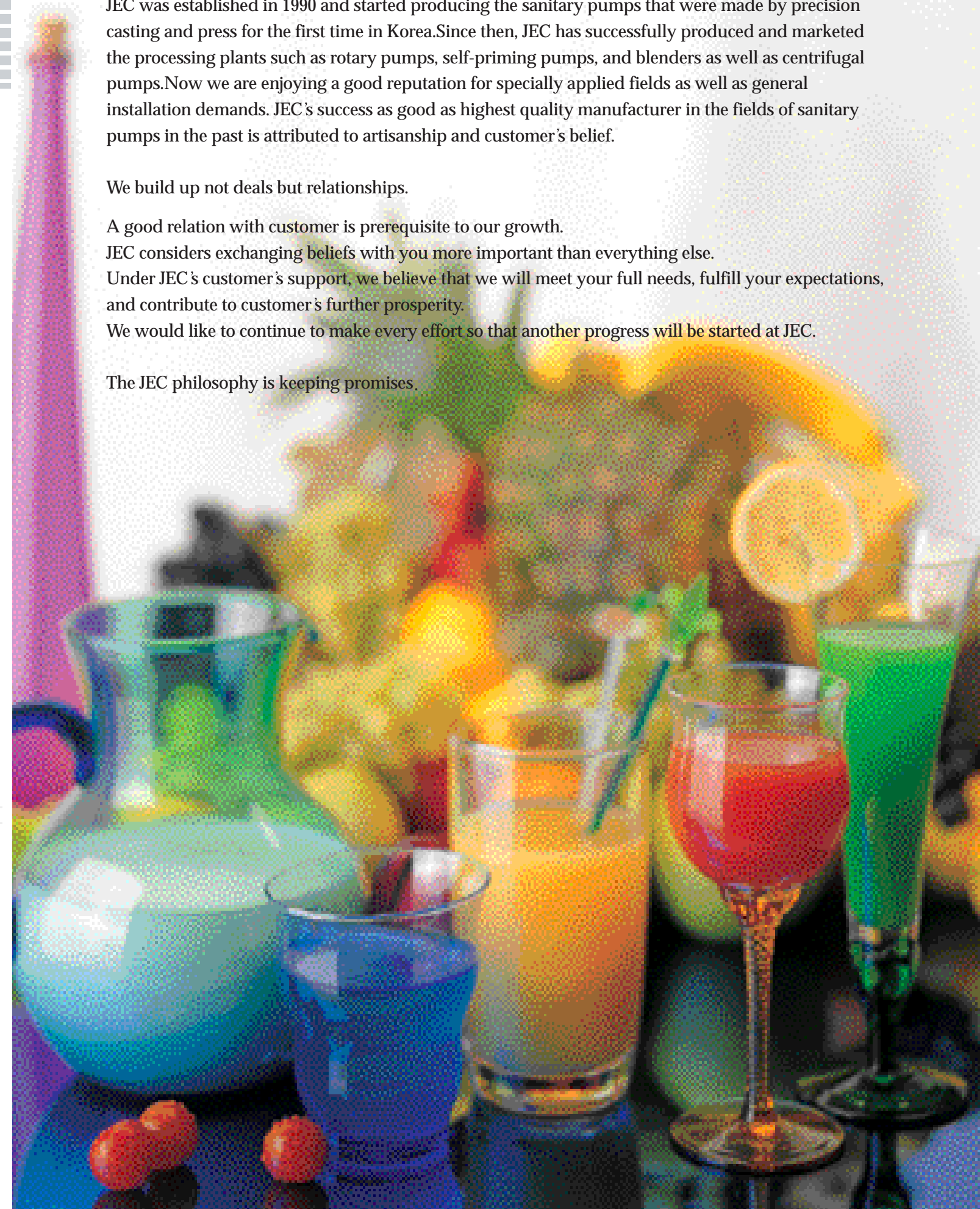
A good relation with customer is prerequisite to our growth.

JEC considers exchanging beliefs with you more important than everything else.

Under JEC's customer's support, we believe that we will meet your full needs, fulfill your expectations, and contribute to customer's further prosperity.

We would like to continue to make every effort so that another progress will be started at JEC.

The JEC philosophy is keeping promises.



## Our pride is created by high quality!

In all sectors of the beverage and food processing industries, JEC JP Series pumps have proven successful by absolute reliability, low energy consumption, perfect CIP clean ability and low noise level. Special feature of the JEC pump is high efficiency which gives low energy consumption. The basis for this is the unique spiral-shaped casing and the double curved impeller. The design reduces friction and turbulence, and gives a better suction capacity (low NPSH) at the same time as the pumped product is handled very gently.



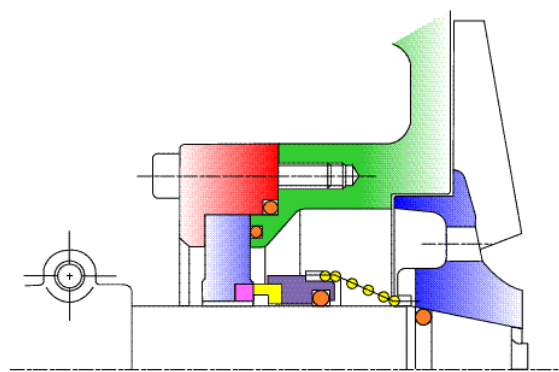


# JP series Centrifugal Pumps

JEC - Always a Step Ahead

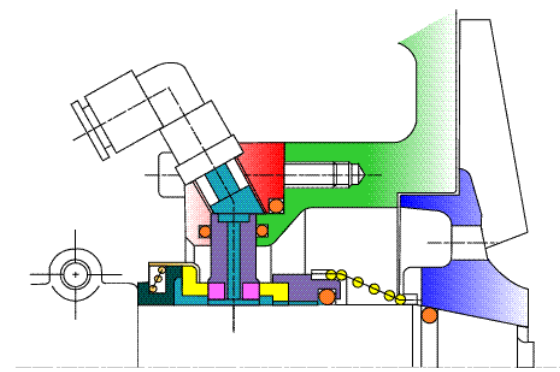
- The JEC JP Series pumps are ideal for hygienic application in field of dairies, food, beverage, pharmaceutical and other industries where acid-proof steel is resistant to the liquids to be pumped.
- The pumps come from long-term developed activities and experiences in the production of pumps combined with detailed knowledge of products and their processing.
- All parts in contact with the liquid - casing, impeller and shaft - are made of AISI316 stainless steel.
- Designed for either CIP or manual cleaning.
- Only one size of shaft seal is required for all JP series (except 205 series), so keeping a few parts in stock is simple and inexpensive.
- Further a single seal can be easily changed to double seal in minutes with just a few extra parts.
- Packing of EPDM rubber and others are available as required.
- The pump can deliver capacities up to 100m<sup>3</sup>/hr and head up to 80m.

## MECHANICAL SEAL



Standard Mechanical Seal

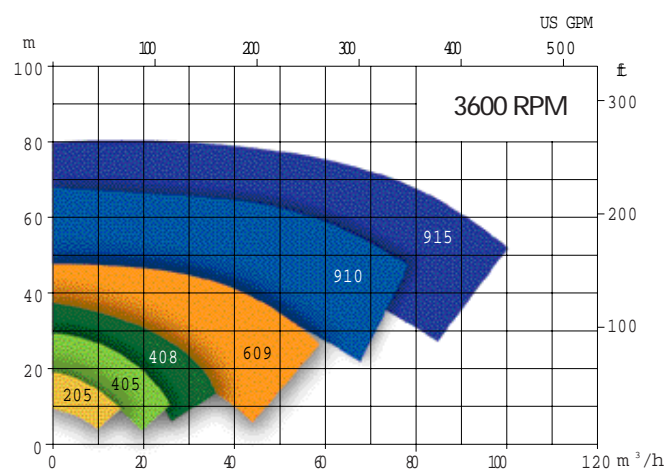
• Face materials  
SiC/Carbon, SiC/SiC



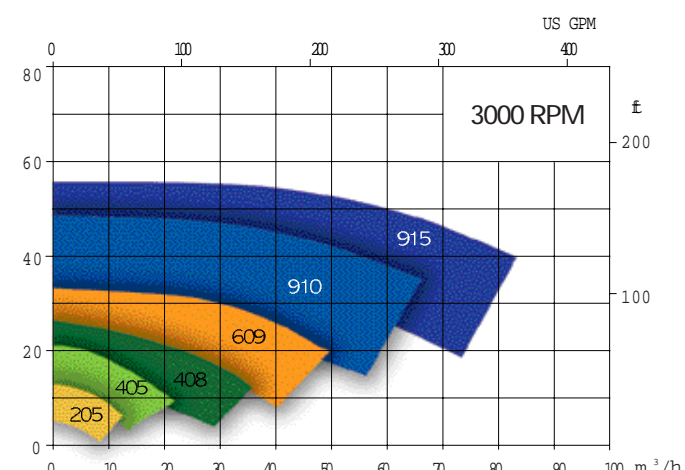
Flushed Mechanical Seal

• Elastomers  
NBR, EPDM, Viton, PTFE, Carlez

## PERFORMANCE CURVES



Performance data refer to water at 20°C, Permissible tolerance ±5%



“The higher *the precision* we have,  
the longer *the span of product life* we have”



Our pride is created  
by high quality!

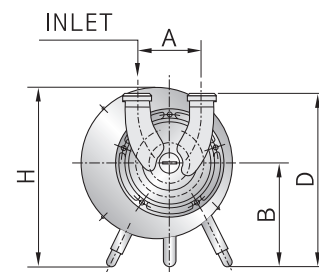
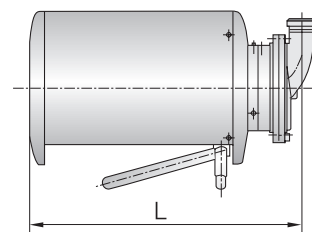
JEC Sanitary Pumps



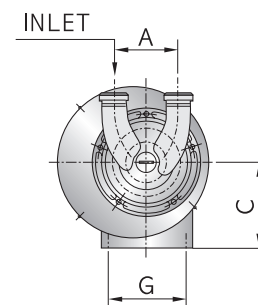
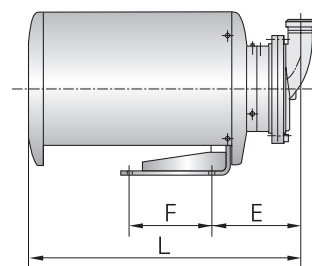


“The reliable choice for your process”

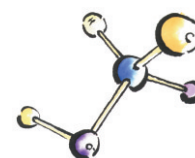
■ STANDARD VERSION



■ BASE MOUNTING VERSION



MODEL NO.	MOTOR RPM KW		CONNECTION SUCT. DISCH		DIMENSION										WEIGHT
					A	B	C	D	E	F	G	H	L	KG	
JSZ624-315	1500	2.2	51	51	140	200	150	350	195	260	135	270	600	41	
JSZ624-318	1800	2.2	51	51	140	200	150	350	220	315	135	270	600	43	
JSZ624-518	1800	3.7	51	51	140	220	180	390	190	230	170	325	660	59	
JSZ927-515	1500	3.7	63	63	150	220	180	390	190	230	170	325	660	63	
JSZ927-715	1500	5.5	63	63	150	260	220	440	190	230	190	390	745	94	
JSZ927-718/1018	1800	5.5/7.5	63	63	150	260	220	440	220	315	190	390	745	99	
JSZ2230-1015/1515	1500	7.5/11	63	63	170	260	220	440	190	230	190	390	755	105	
JSZ2230-2018/2518	1800	15/18.5	63	63	170	—	250	—	270	255	220	485	840	168	

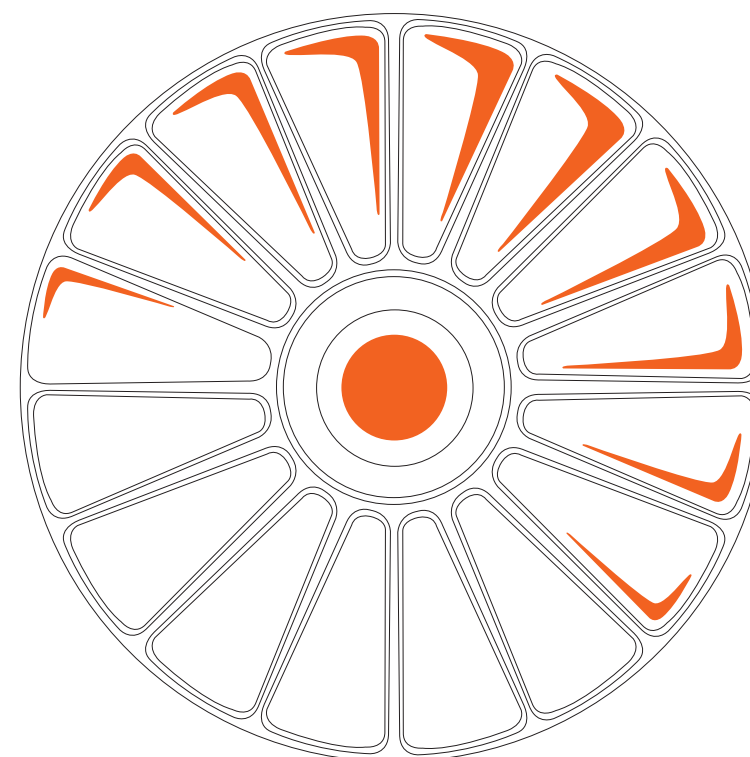


**JEC**

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# JEC - Always a Step Ahead

SELF-PRIMING CENTRIFUGAL PUMPS JSZ SERIES



**JEC**  
P U M P S



# 3IP

High Pride  
Higher Performance  
The Highest Quality Products



JEC Ltd. is the specialist in the fields of sanitary pumps.

JEC was established in 1990 and started producing the sanitary pumps that were made by precision casting and press for the first time in Korea. Since then, JEC has successfully produced and marketed the processing plants such as rotary pumps, self-priming pumps, and blenders as well as centrifugal pumps. Now we are enjoying a good reputation for specially applied fields as well as general installation demands. JEC's success as good as highest quality manufacturer in the fields of sanitary pumps in the past is attributed to artisanship and customer's belief.

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Under JEC's customer's support, we believe that we will meet your full needs, fulfill your expectations, and contribute to customer's further prosperity.

We would like to continue to make every effort so that another progress will be started at JEC.

The JEC philosophy is keeping promises.





## Our pride is created by high quality!

The JEC JSZ series pump is a self-priming side channel pump particularly suitable for pumping products which contain varying quantities of air and gases which cannot be pumped by a centrifugal pump.

They must be filled with the liquid only at the first start, afterward they are able to self-priming also if the suction pipe is empty.

Today's automatic production operations require the total removal of fluid from pipe work and systems, both before and after the cleaning cycle.





# JSZ series Self-priming Pumps

JEC - Always a Step Ahead

- A special side channel within the pump first increases, then decreases the internal volume of the unit as the impeller rotates from suction to discharge parts. The increase in volume creates a vacuum resulting in suction lift, while the decrease in volume generates discharge pressure. A characteristic of the pump is that its power requirement decreases with increasing capacity.
- Side channel pumps have many advantages but normally suffer from one major disadvantage, relatively high noise level. This is due to the difficult suction condition where the product is directed into the impeller transversely to the pump direction.
- When designing the JSZ series pumps, JEC took steps to minimize the noise levels throughout the pump. For example, both inlet and outlet channels were developed to be as streamlined as possible.
- Adding an JEC JSZ series pumps to your process plant will improve the working environment by ensuring noise levels are kept to a minimum.
- The pumps can deliver capacities up to 50,000 l/hr and deliver pressure up to 4 bar and have suction lift capability up to 5 meters (16 feet).

## STANDARD DESIGN

### Construction

- The robust design of the pumps by short and robust shaft and the spring loaded self-balanced mechanical seal type.
- There is easy access to the interior of the pump for maintenance work.
- All wearing parts can be removed and fitted easily.

## APPLICATION

- The JEC JSZ series pump is specially designed for food, chemical, pharmaceutical and other industries where stainless steel is resistant to the liquids to be pumped.
- The JSZ series pump is particularly suitable as return pump in CIP cleaning system.

### Motor

- TEFC flanged motor according to IEC standard 1800 r/min., 3-phase AC, 60 Hz, or 1500 r/min., 50 Hz.
- Voltage as required.

## PERFORMANCE CURVES

### Connections

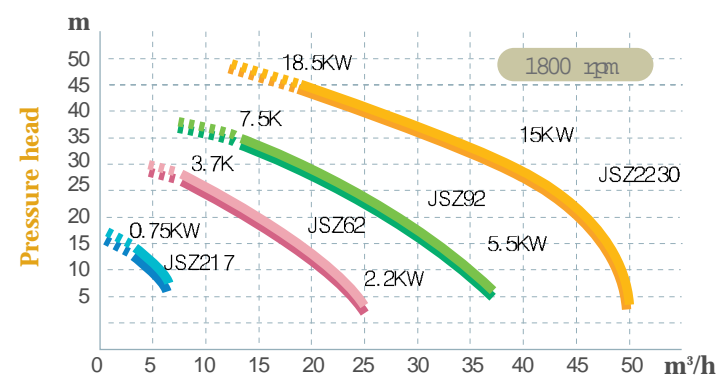
- Complete connections according to optional standard ISO male, ISO clamp, SMS, DIN, BS and flange.

### Materials

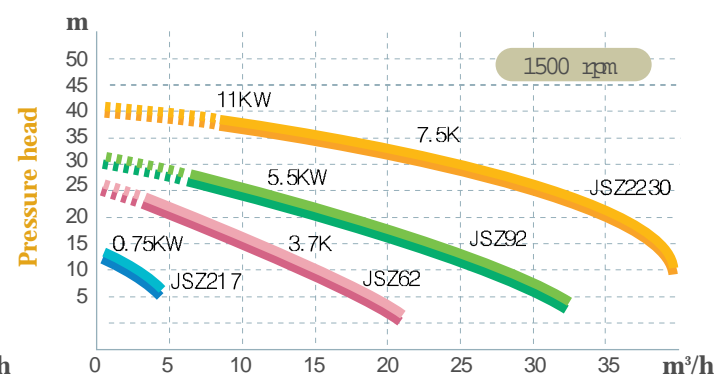
- All parts in contact with the liquid are made of stainless steel precision casting, AISI 316, and also clamps, legs and motor shrouds are made of AISI 304 stainless steel.
- Adaptor between pump and motor is made of AISI 304 stainless steel.
- Packings of nitrile rubber (NBR).

## MECHANICAL SEAL

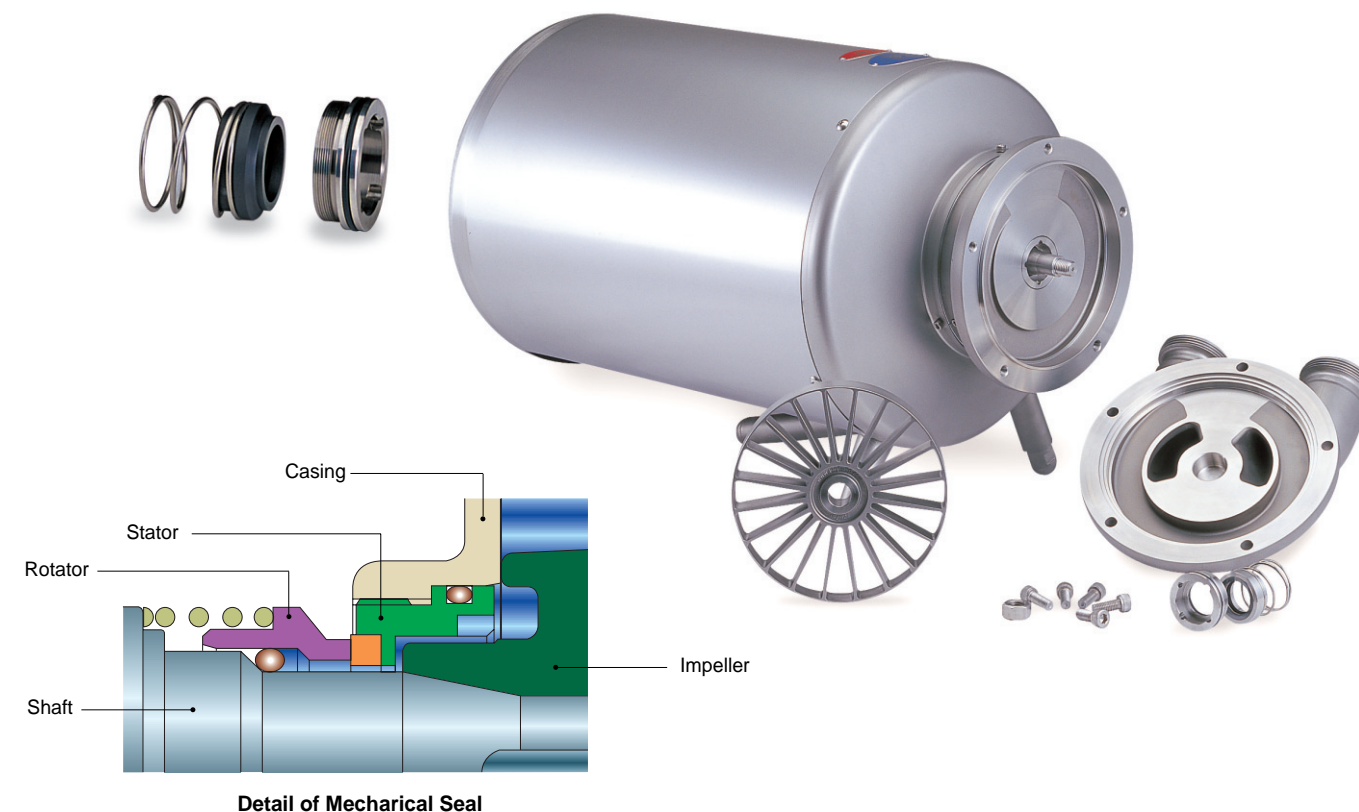
The spring loaded balanced mechanical seal has a stationary seal ring of SiC ring and rotating ring of carbon.



Performance data refer to water at 20°C, Permissible tolerance ±5%



“The higher *the precision* we have,  
the longer *the span of product life* we have”



Our pride is created  
by high quality!  
JEC Sanitary Pumps