



## Features

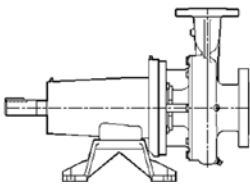
- **Pump Design** – Compact, close coupled
- **Double Seal** – Type 9 & 21 available
- **High Pressure Option** – 300 PSI maximum
- **Teflon Seal** – Type 9 available
- **Flush Options** – Recirculating & Quench available

## Applications

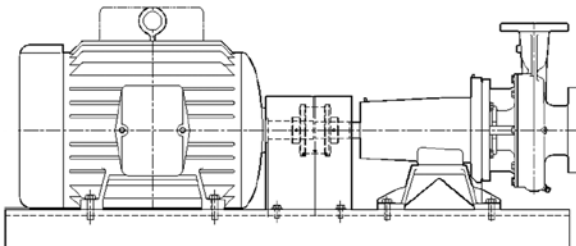
- Waste Water Treatment
- Hot Solvents
- Deionized Water
- Chemical Process
- Plating Equipment
- Agricultural Chemicals

## Optional Configurations

- **Power Frame Mounting:**



- **Long-Coupled Mounting:**



## XJ100/150/200

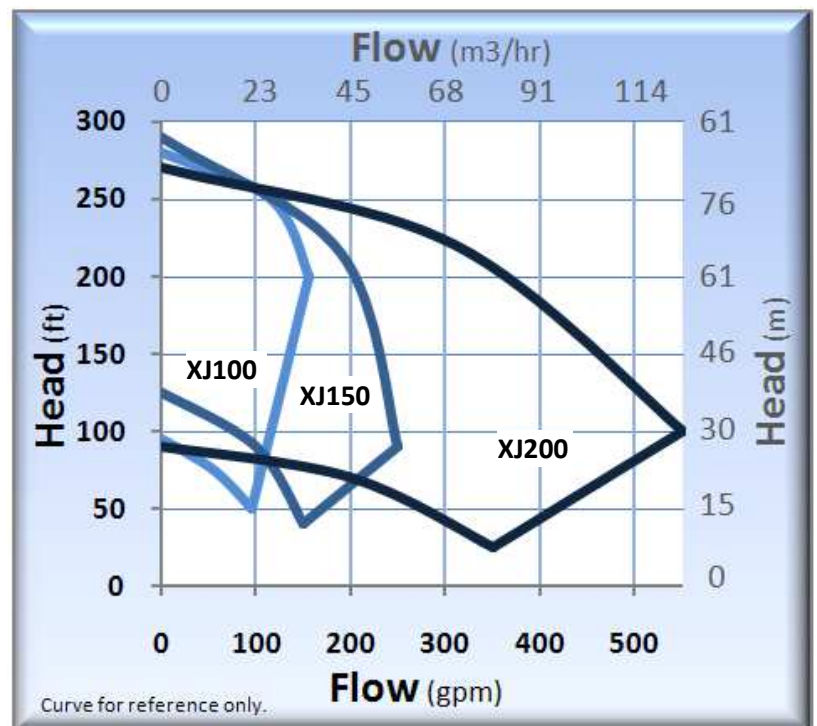
### Pump Volute / Impeller Materials

XJ (SS) – 316SS / 316SS

## Standard Specifications

- XJ100 Discharge 1" Flange, Suction 1-1/2" Flange
- XJ150 Discharge 1-1/2" Flange, Suction 3" Flange
- XJ200 Discharge 2" Flange, Suction 3" Flange  
*Flanges: 150 lb. Centerline ANSI Dimensioned*
- Maximum Impeller Diameter: 8.00"
- Motor: NEMA JM Face (Multiple enclosures available)
- Mechanical Seal:  
Single, 1-1/2" Type 21 Viton, Carbon vs. Ceramic (SS)  
*Note: Additional seal options available*
- Bracket Material: Stainless Steel
- Gasket: Teflon

## Performance Curve – 60 Hz



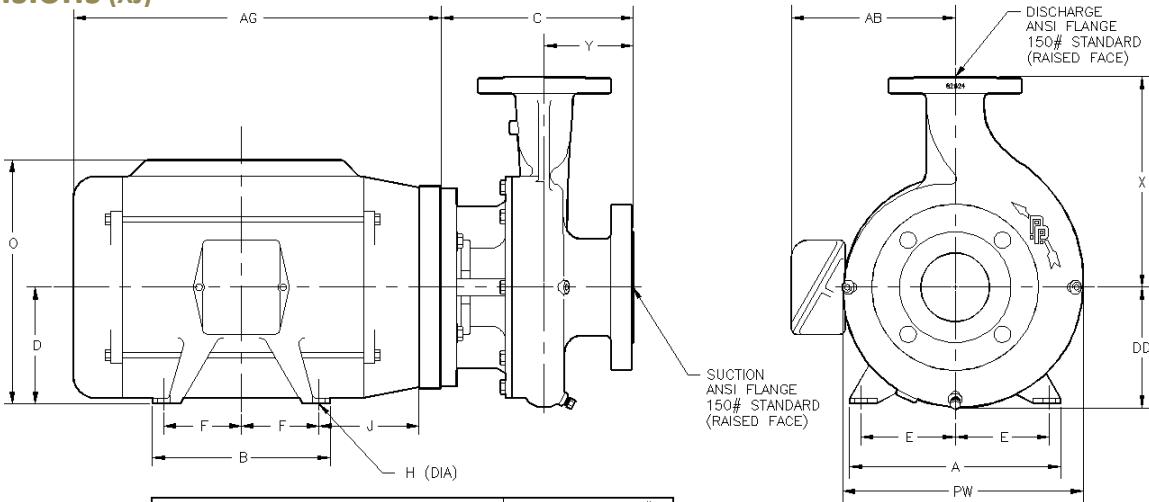
# XJ100/150/200

Technical Information		
Max Flow	(XJ100)	<b>155 GPM</b> (35 m3/hr)
Max Flow	(XJ150)	<b>250 GPM</b> (57 m3/hr)
Max Flow	(XJ200)	<b>550 GPM</b> (125 m3/hr)
Max Head		<b>290 feet</b> (88 m)
Min. Flow	(XJ100)	<b>20 GPM</b> (4.5 m3/hr)
Min. Flow	(XJ150)	<b>40 GPM</b> (9.1 m3/hr)
Min. Flow	(XJ200)	<b>90 GPM</b> (20 m3/hr)
Max Solid Size	(XJ100)	<b>0.120"</b> (3.0 mm)
Max Solid Size	(XJ150)	<b>0.250"</b> (6.4 mm)
Max Solid Size	(XJ200)	<b>0.440"</b> (11.2 mm)
Max Working Pressure	(Type 8 Seal)	<b>325 PSI</b> (22.4 bar)
	(Type 9 Seal)	<b>350 PSI</b> (24.1 bar)
	(Type 21 Seal)	<b>150 PSI</b> (10.3 bar)
	(Type 2 Seal)	<b>300 PSI</b> (20.6 bar)
Max Temp.		<b>300°F</b> (149°C)*

Materials of Construction	
<b>XJ</b>	<b>SS</b>
<b>Volute</b>	<b>316SS</b>
<b>Impeller</b>	<b>316SS</b>
<b>Bracket</b>	<b>316SS</b>
<b>Gasket</b>	<b>Teflon</b>
<b>Fasteners</b>	<b>316 SS</b>

\* Temperature limits are based on standard seal and gasket materials, and will vary according to the liquid being pumped.

## Dimensions (XJ)



MODEL	PUMP END DIMENSIONS					ANSI FLANGE 150#	
	C	DD	PW	X	Y	DISCHARGE	SUCTION
XJ 1x1-1/2x8	8 9/16	5"	10 3/16	6 1/2	4"	1"	1-1/2"
XJ 1-1/2x3x8	8 5/8	5 1/16	10 1/16	6 1/2	4"	1-1/2"	3"
XJ 2x3x8	8 5/8	5 7/16	10 13/16	9 1/2	4"	2"	3"

DIMENSIONS 'X' AND 'Y', AND DISCHARGE AND SUCTION MEET ANSI CONFIGURATION.

FRAME	MOTOR END DIMENSIONS							DRIP-PROOF			TEFC & EXP. PROOF		
	A	B	D	E	F	H	J	AB	AG	O	AB	AG	O
143JM 145JM	6-1/2	6	3-1/2	2-3/4	2 2-1/2	11/32	1-5/8	5-1/4	8-3/4	6-7/8	6-3/4	11-1/4	6-7/8
182JM 184JM	8-1/2	6-1/2	4-1/2	3-3/4	2-1/4 2-3/4	13/32	2-1/4	5-7/8	11-1/8	9	7-3/8	14-3/4	8-1/2
213JM 215JM	9-1/2	8	5-1/4	4-1/4	2-3/4 3-1/2	13/32	3-1/4	7-3/8	12-3/4	10-1/16	9-3/4	15-1/2 17	10-3/8
254JM 256JM	11-1/4	9-1/2 11-3/4	6-1/4	5	4-1/8 5	17/32	4-1/2	8-15/16	17 18-1/2	12	11	22	13

NOTE: MOTOR DIMENSIONS WILL VARY BY MODEL AND MAKE. DIMENSIONS ARE TO BE USED FOR REFERENCE ONLY.

NOTE:

1. ALL DIMENSIONS ARE ROUNDED TO THE NEAREST 1/8".

**Contact factory for special pump configurations,  
same day, and next day delivery options.**

**PRICE PUMP CO.**

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Rev. C Date: April 2016