



PRICE PUMP®

XJ100/150/200

PUMP VOLUTE / IMPELLER MATERIALS

XJ (SS) – 316SS / 316SS

APPLICATIONS

- WASTE WATER TREATMENT
- HOT SOLVENTS
- DEIONIZED WATER
- CHEMICAL PROCESS
- PLATING EQUIPMENT
- AGRICULTURAL CHEMICALS



STANDARD SPECIFICATIONS

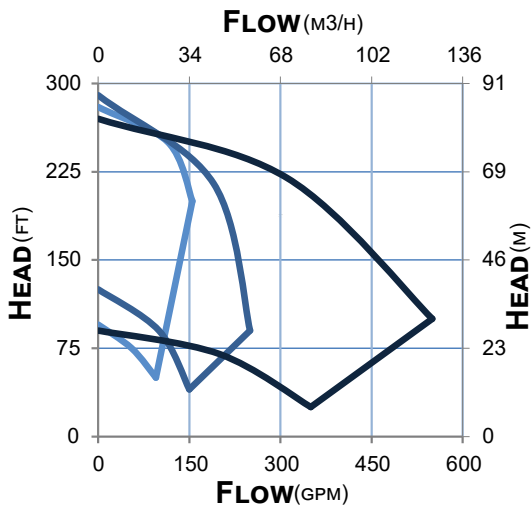
- XJ100 DISCHARGE 1" FLANGE, SUCTION 1-1/2" FLANGE
- XJ150 DISCHARGE 1-1/2" FLANGE, SUCTION 3" FLANGE
- XJ200 DISCHARGE 2" FLANGE, SUCTION 3" FLANGE
- FLANGES: 150 LB. CENTERLINE ANSI DIMENSIONED
- MAXIMUM IMPELLER DIAMETER: 8.00"
- MOTOR: NEMA JM FACE (MULTIPLE ENCLOSURES AVAILABLE)
- PUMP ENERGY INDEX: .823-.990

MECHANICAL SEAL TYPES

- SINGLE, 1-1/2" TYPE 21 VITON, CARBON vs. CERAMIC (SS)
- NOTE: ADDITIONAL SEAL OPTIONS AVAILABLE
- BRACKET MATERIAL: STAINLESS STEEL
- GASKET: TEFLON

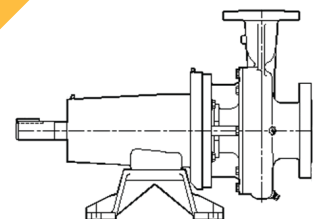
OPTIONAL CONFIGURATIONS

- POWER FRAME MOUNTING
- LONG-COUPLED MOUNTING



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



2203 SMEED PARKWAY CALDWELL, ID 83605

MAIN (208) 402-6871

TOLL FREE (800) 345-7867

EMAIL SALES@PRICEPUMP.COM

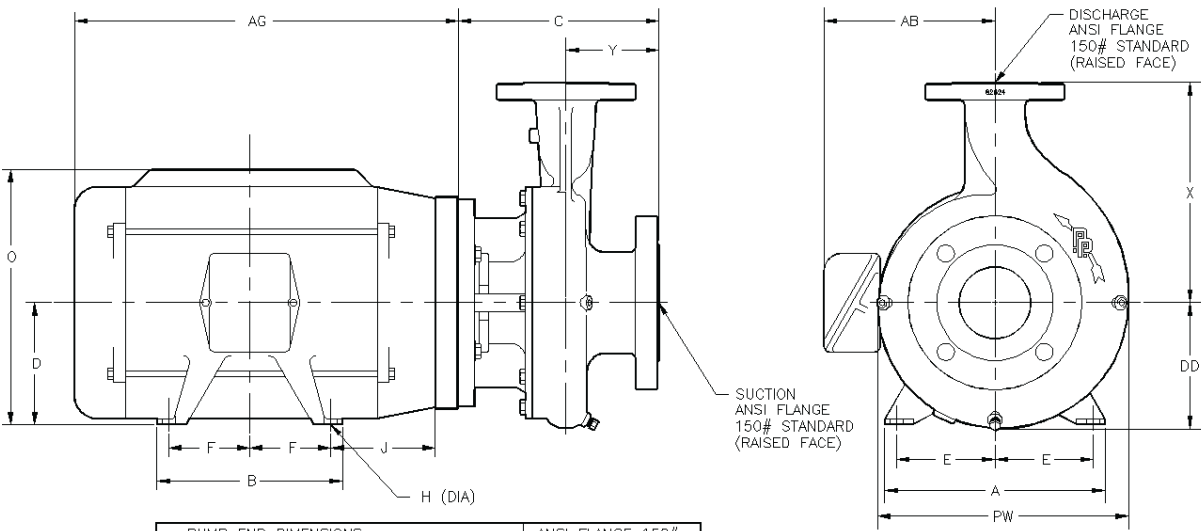
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MODEL	PUMP END DIMENSIONS					ANSI FLANGE 150#	
	C	DD	PW	X	Y	DISCHARGE	SUCTION
XJ 1x1-1/2x8	8 9/16	5"	10 3/16	6 1/2	4"	1"	1-1/2"
XJ 1-1/2x3x8	8 5/8	5 1/16	10 1/16	6 1/2	4"	1-1/2"	3"
XJ 2x3x8	8 5/8	5 7/16	10 13/16	9 1/2	4"	2"	3"

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	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
145JM													
182JM	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
184JM													
213JM	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
215JM													
254JM	11-1/4	9-1/2	6-1/4	5	4-1/8 5	17/32	4-1/2	8-15/16	17	12	11	22	13
256JM		11-3/4							18-1/2				

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".

DIMENSIONS

MATERIALS OF CONSTRUCTION

XJ	SS
VOLUTE	316SS
IMPELLER	316SS
BRACKET	316SS
GASKET	TEFLON
FASTENERS	316 SS

* TEMPERATURE LIMITS ARE BASED ON STANDARD SEAL AND GASKET MATERIALS, AND WILL VARY ACCORDING TO THE LIQUID BEING PUMPED.

TECHNICAL INFORMATION

MAX FLOW	(XJ100)	155 GPM (35 M3/HR)
MAX FLOW	(XJ150)	250 GPM (57 M3/HR)
MAX FLOW	(XJ200)	550 GPM (125 M3/HR)
MAX HEAD		290 FEET (88 M)
MIN. FLOW	(XJ100)	20 GPM (4.5 M3/HR)
MIN. FLOW	(XJ150)	40 GPM (9.1 M3/HR)
MIN. FLOW	(XJ200)	90 GPM (20 M3/HR)
MAX SOLID SIZE	(XJ100)	0.120" (3.0 MM)
MAX SOLID SIZE	(XJ150)	0.250" (6.4 MM)
MAX SOLID SIZE	(XJ200)	0.440" (11.2 MM)
MAX WORKING PRESSURE	(TYPE 8 SEAL)	325 PSI (22.4 BAR)
	(TYPE 9 SEAL)	350 PSI (24.1 BAR)
	(TYPE 21 SEAL)	150 PSI (10.3 BAR)
	(TYPE 2 SEAL)	300 PSI (20.6 BAR)
MAX TEMP.		300°F (149°C)*



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