



# PRICE PUMP®

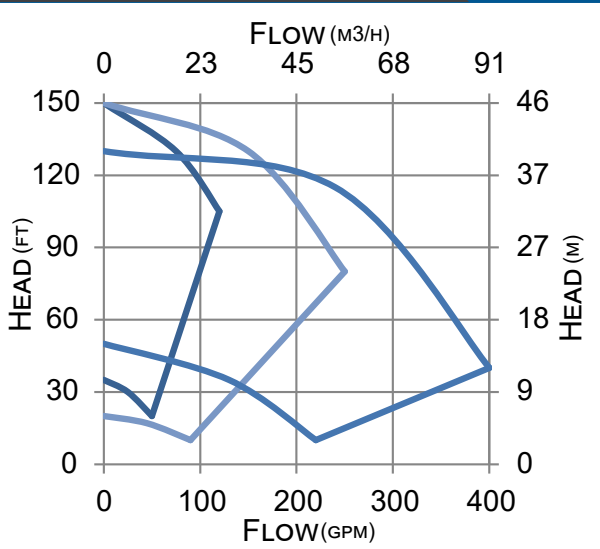
## XT100/150/200

### PUMP VOLUTE / IMPELLER MATERIALS

- XT (AI) – CAST IRON / CAST IRON
- XT (BF) – CAST IRON / BRONZE
- XT (SF) – CAST IRON / 316SS
- XT (AB) – BRONZE / BRONZE
- XT (SS) – 316SS / 316SS

### APPLICATIONS

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



### STANDARD SPECIFICATIONS

- XT100 / XT100V DISCHARGE 1" FNPT, SUCTION 1-1/2" FNPT
- XT150 / XT150V DISCHARGE 1-1/2" FNPT, SUCTION 2" FNPT
- XT200 / XT200V DISCHARGE 2" FNPT, SUCTION 3" FNPT
- MAXIMUM IMPELLER DIAMETER: 5.98"
- SHAFT SLEEVE: 316SS
- MOTOR: NEMA JM FACE (MULTIPLE ENCLOSURES AVAILABLE)
- PUMP ENERGY INDEX: .933-.995

### MECHANICAL SEAL TYPES

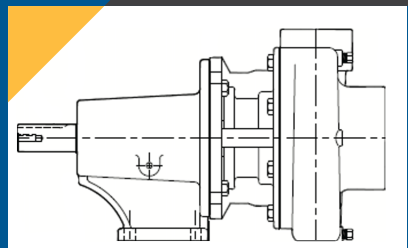
- SINGLE, 1-1/2" TYPE 21 BUNA, CARBON VS. CERAMIC (AI, BF, SF, AB)
- SINGLE, 1-1/2" TYPE 21 VITON, CARBON VS. CERAMIC (SS)
- NOTE: ADDITIONAL SEAL OPTIONS AVAILABLE
- GASKET: SYN. FIBER (AI, BF, AB, SF) AND PTFE (SS)

### 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

### OPTIONAL CONFIGURATIONS

- AIR MOTOR: UP TO 2-1/2 HP
- VERTICAL MOUNTING
- POWER FRAME MOUNTING
- LONG-COUPLED MOUNTING



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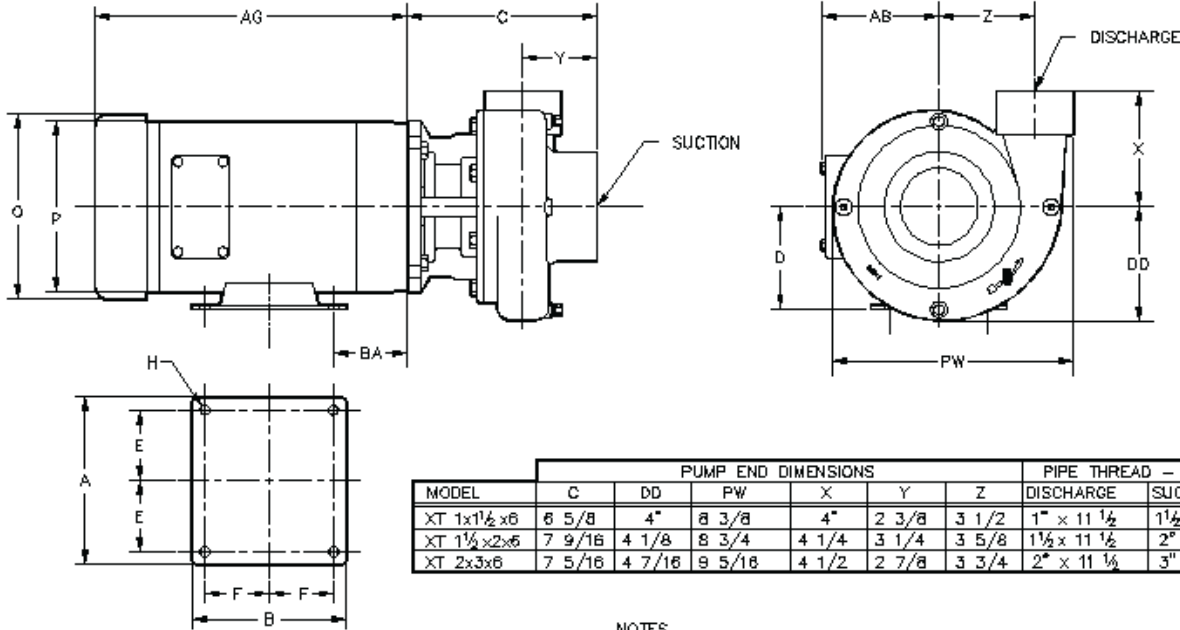
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**PRICE PUMP**

# XT100/150/200



MODEL	PUMP END DIMENSIONS						PIPE THREAD - NPT	
	C	DD	PW	X	Y	Z	DISCHARGE	SUCTION
XT 1x1½x6	6 5/8	4"	8 3/8	4"	2 3/8	3 1/2	1" x 11 1/2	1½" x 11 1/2
XT 1½x2x6	7 9/16	4 1/8	8 3/4	4 1/4	3 1/4	3 5/8	1½" x 11 1/2	2" x 11 1/2
XT 2x3x6	7 5/16	4 7/16	9 5/16	4 1/2	2 7/8	3 3/4	2" x 11 1/2	3" x B

**NOTES**  
ALL DIMENSIONS ARE ROUNDED TO THE NEAREST 1/8 INCH.

HP	RPM	FRM	JM MOTOR END DIMENSIONS								ODP		TEFC & EXP. PRF				
			A	B	D	E	F	H	BA	O	P	AB	AG	AB	AG		
1 1/2	3600	143JM					2										
2	3600	145JM	6-1/2	5-15/16	3-1/2	2-3/4	2-1/2	11/32	2-7/8	6-7/8	6-5/8	5-1/4	8-3/4	6-3/4	11-1/4		
3	3600	145JM															
5	3600	182JM	8-1/2	6-1/2	4-1/2	3-3/4	2-1/4	13/32	3-1/2	6-7/16	7-7/8	5-7/8	11-1/8	7-3/8	14-3/4		
7 1/2	3600	184JM					2-3/4										
1D	3600	213 (W/ 184 FACE)	9-1/2	B	5-1/4	4-1/4	3-1/2	13/32	3-1/8	10-1/16	9-9/16	N/A		7-3/8	14-7/16		
1S	3600	213 (W/ 184 FACE)															

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

## DIMENSIONS

MATERIALS OF CONSTRUCTION					
XT	AI	BF	AB	SF	SS
<b>VOLUTE</b>	CAST IRON	CAST IRON	BRONZE	CAST IRON	316SS
<b>IMPELLER</b>	CAST IRON	BRONZE	BRONZE	316SS	316SS
<b>BRACKET</b>	CAST IRON	CAST IRON	BRONZE	CAST IRON	316SS
<b>GASKET</b>	SYN. FIBER	SYN. FIBER	SYN. FIBER	SYN. FIBER	TEFLON
<b>FASTENERS</b>	STEEL PLATED	STEEL PLATED	18-8 SS	STEEL PLATED	316 SS

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

TECHNICAL INFORMATION		
<b>MAX FLOW</b>	(XT100)	<b>120 GPM (27 M3/HR)</b>
<b>MAX FLOW</b>	(XT150)	<b>250 GPM (57 M3/HR)</b>
<b>MAX FLOW</b>	(XT200)	<b>400 GPM (95 M3/HR)</b>
<b>MAX HEAD</b>		<b>150 FEET (46 M)</b>
<b>MIN. FLOW</b>	(XT100)	<b>10 GPM (2.3 M3/HR)</b>
<b>MIN. FLOW</b>	(XT150)	<b>35 GPM (7.9 M3/HR)</b>
<b>MIN. FLOW</b>	(XT200)	<b>50 GPM (11.4 M3/HR)</b>
<b>MAX SOLID SIZE</b>	(XT100)	<b>0.120" (3.0 MM)</b>
<b>MAX SOLID SIZE</b>	(XT150)	<b>0.190" (4.8 MM)</b>
<b>MAX SOLID SIZE</b>	(XT200)	<b>0.250" (6.4 MM)</b>
<b>MAX WORKING PRESSURE</b>	(TYPE 8 SEAL)	<b>325 PSI (22.4 BAR)</b>
	(TYPE 9 SEAL)	<b>350 PSI (24.1 BAR)</b>
	(TYPE 21 SEAL)	<b>150 PSI (10.3 BAR)</b>
	(TYPE 2 SEAL)	<b>300 PSI (20.6 BAR)</b>
<b>MAX TEMP.</b>		<b>300°F (149°C)*</b>



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