PUMP DATA SHEET

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INGERSOLL-RAND ORDER	002-35778
SERIAL NUMBERS	0889013/4/5
PUMP APPLICATION	Boiler Feed
LIQUID PUMPED	330°F water
SPECIFIC GRAVITY	.902
PUMP SIZE	4X11DA12
DRIVER	1500-hp motor
PUMP RATING	887 gpm @ 3560 rpm
NET POSITIVE SUCTION HEAD REQUIRED	18 ft
NET POSITIVE SUCTION HEAD AVAILABLE	80 ft
TOTAL HEAD	5225 ft
SUCTION PRESSURE	80 psi
DISCHARGE PRESSURE	2120 psi
PUMP EFFICIENCY	77.9%
PUMP ROTATION	CCW(HI)
HYDROTEST PRESSURE	3800 psi
BEARING LUBRICATION	force feed
PUMP HOLD-DOWN TORQUE VALUE	185-215 ft-1b
APPROXIMATE WEIGHTS	
PUMP	5750 lbs
DRIVER	5640 lbs
BEDPLATE	3175 lbs

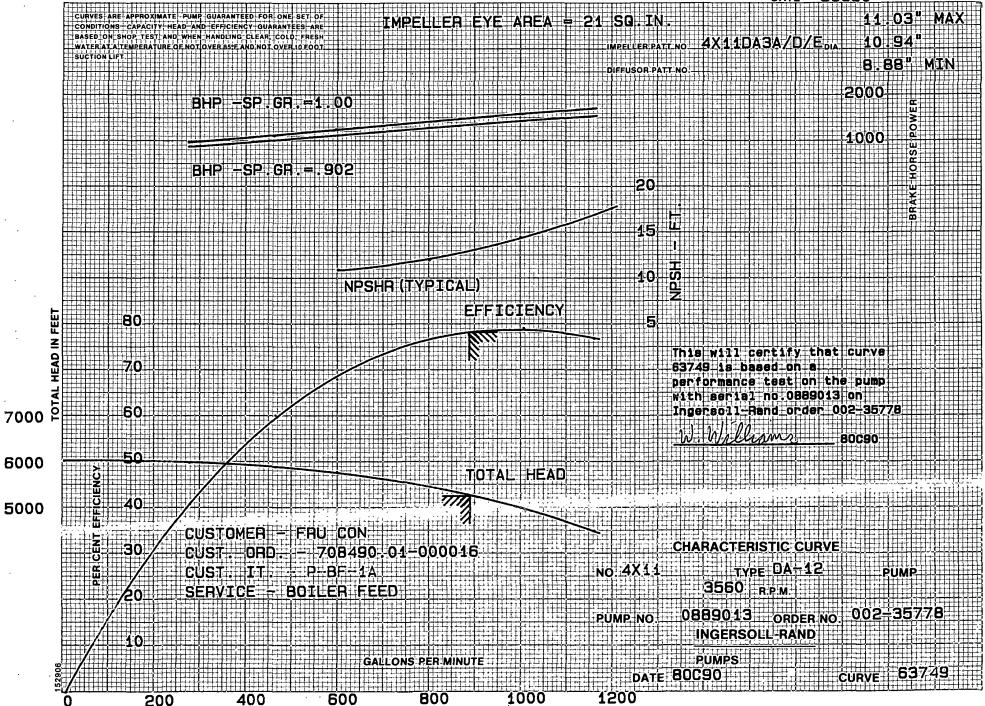


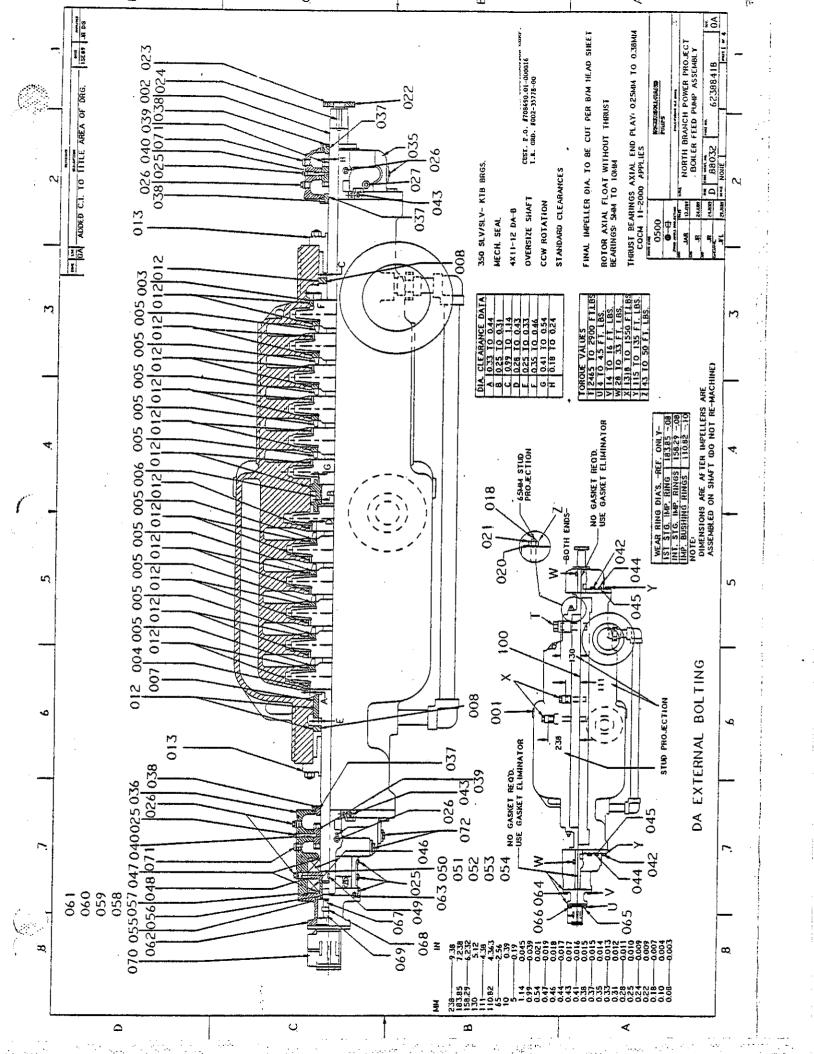
ORDERING INSTRUCTIONS

ORDERING INSTRUCTIONS
Mail your order to the nearest Ingersoll-Rand Office.
Refer to your Assembly Drawings which have every part numbered to correspond with the Engineering Parts Lists furnished.
The following should be included when ordering any parts for your pump.
INGERSOLL-RAND ORDER
PUMP SERIAL NUMBER 0889013/4/5
PUMP SIZE 4X11DA12
EXAMPLE
NAME OF PART SHAFT
NAME OF PART SHAFT
PART NUMBER
QUANTITY 1
EXAMPLE
NAME OF PART IMPELLER RING
PART NUMBER FRONT RING FOR IMPELLER 62388293
OUA NITTTY 1

6000

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	- 0665 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	IN-OUT ECN REV ST DATE NO. LVL casing material: ASTM A217	GR CA15								
	SEMBLY	DESCRIPTION CASING MACH FINAL	ROTOR ASSEMBLY CASING RING	CASTNG RING !	CENTER BUSHING THROTTLING BUSH	STUFF BOX BUSH !	JOHN CRANE STUD .62X3.50	HASHERS 5/8"	COUPLING BUT	SET SCR *38X*50 KEY *75X3.00	PLUG .25
*e3;	FEED PUMP PUMP ASSEMBLY CODE PL HATL SPEC		184 006 655	006 655 060 BA 913	407 B 913 441 A 905 GRAPH	088 20 029 AIST 316	429 XF511D1 314	STEEL 377	6	318 266	STEEL
	BOILER FEE SYMBOL NOUN CODE CODE P	ING NUMBER	4X11-12 DA-8 725 D	4 D	11 0A 11 0A	319 D •12X•38 FYPE H	PP CFSP95994 881	•		•	
7	P T	COHP PART NO. PT SIZE 62388251 MO 4X11	62274287 HP 725	62274295 NP 624 62299110 NO 4X11	62416017 MP 4X11 62388129 MP 4X11	62046883 MP 319 62189916 PP +12	62120712 PP CF 62A3J394	12A5C8 38A4K7	18VFV164X3A	109A2A46 11A9-C-347	30A7S3
	(CCMS) REV D LVL A UA Y	Y UM PC	24 57	P.C.	5 5	5 2 5	7 7 5	5 5	P.C.	PC PC	PC
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	INGERSILE AND CU- CAMERUN DIVISION PHILLIPSBURG PLANT PARENT PARENT 62388418	FND CLASS D NO. SPAKE A OUI Y	002 3 Y C	7 5 2 7 000 T 5 3 T	006 2 3 C	008 2 3 C	013 3 Y 018	020		023 3 024 3 X	0.25

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CUST. P.O. #708490.01-000016 I.R. ORD. #002-35778-00

RAD BRG BODY/CAP

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STEEL STEEL 199

304753 30A7S5 30A7S6

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PLUG .75

PLUG .25 PLUG .50

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		SSEMBLY			DESCRIPTION	THR BRG BODY/CAP	FLINGER	SET SCR +25X+75	_	ROLL PIN	SCREW 1.00X2.50	SET SCR	#9X3.00 TAPER PIN	NUT .50	KTB-JJ(6X6)	SEALING RING +5	THRUST COLLAR !	KEY +38X.62	SHIN	HIHS	MIHS	SHIM	N1HS	LOCK NUT \$	SET SCR .25X.31
* Accept	ENGINEERI. JARTO 1 TOT	BOILER FEEDPUMP PUMP ASSEMBLY OF CODE PL HATE SPEC		-> <mail spec=""><list #=""></list></mail>	NOUN CODE PL MATL SPEC	200 204	157 673	318	191 STL/BABBITT	STEEL	175	318	SIEEL	175	-	673	17	266	699	699	699	699	257 669	17	318
		BOILER FEE SYMBOL NOUN PT SIZE CODE PL	AY 4X11-12 DA-B 500	DRAHING NUMBER	COMP SYRBOL PART NO. PT SIZE CODE (62156872 MP 350 B	62119144 PP 350 B	109A2A7	62340062 PP 350 B	25A13-C-322	35A2C479	112A2A90	13A13-C-110	388405	30-5-13-B	225D308CX1	300B28KX1	11A9-C-2125	91A11-S-149-E-216	91A11-S-149-H-216	91A11-S-149-K-216	91A11-5-149-L-216	62130448 PP 1.76X2.25 .06 THK	1750128BX1	109A2A2
:	(CCMS)	REV D	DA Y	,	5	PC 6	PC 6	PC 1	PC 6	PC 2	PC 3	PC 1	PC 1	PC 3	PC 3	PC 23	PC 3	PC 1	PC 9	6 Jd	PC 9	PC 9	.9 J4	PC 1	PC 14
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g.AS	INGERST CRAND CO. CAMERUY DIVISION	FRILL IF SBUKG	623		FND CLASS D NO. SPARE A	036 C	037 C	038 3	039 23 Y	040 x	240	043	X ++0	045	046 3 X	047 3	048 3 X	X E 640	050 1 2 3 X	X E Z T 150	052 1 2 3	653 1 53	054 1 2 3 Y	055 3 X	056 3

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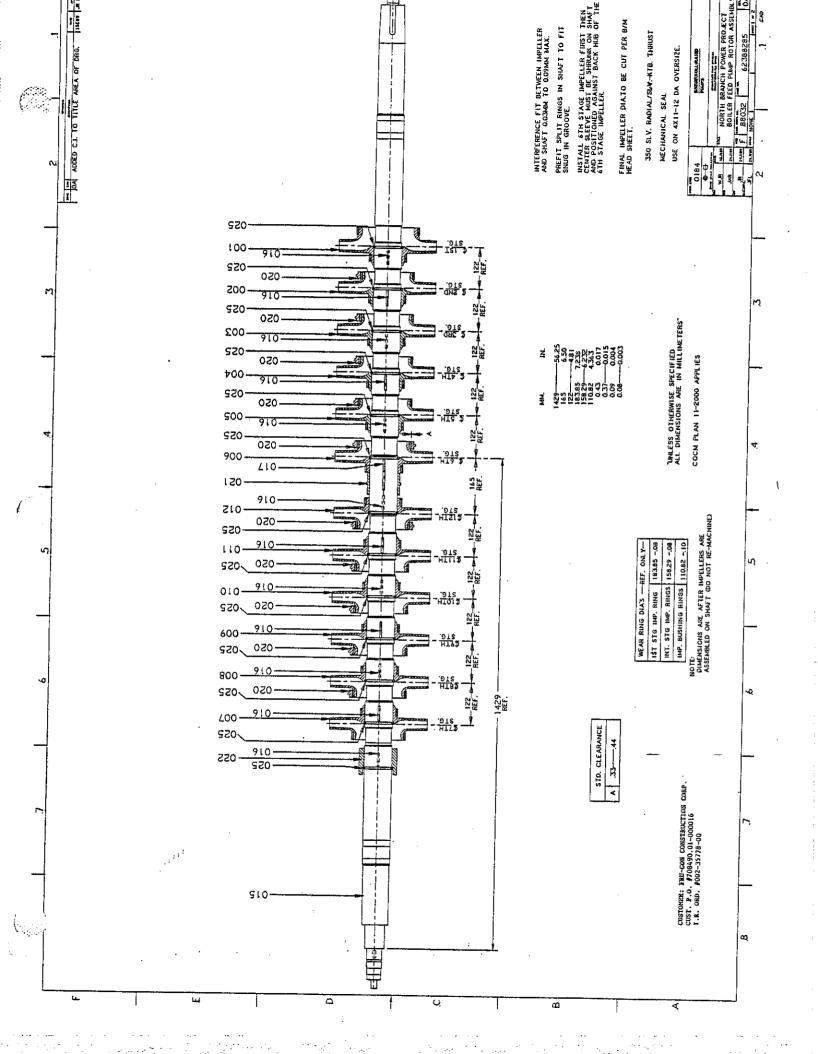
IN-DUT ECN REV ST DATE NO. LVL

DESCRIPTION	SHIM	SHIM	SHIH	SHIM	HIHS	SUPPORT HO	GROOVE PIN	SCREW .50X1.50	STUD - 31X2.25	NUT .31	LOVEJOY CPLG	COUPLING SPIDER	LOVEJOY CPLG	OIL PUMP/BRZ BUSH	AIR-MAZE BREATHER	PLUG 1.00	GASKET
NOUN CODE PL HATL SPEC						•	AISI 81112								STEEL		
NOUN CODE P	699	699	699	699	699	204	620	175	175	175	ALUM		ALUR	702	750	STEEL	6101
SYMBOL							TYPE H						-	TUTHILL 702	B19929GC 750		
COMP PART ND. PT STZE	Z810257HX1	2810257HX2	281D257HX3	2810257HX4	281 D25 7HX5	275B172JX3	62189550 PP .25X.50	35A2C221	62A3C66	38A4C2	APL075LJ33-1	ASL075LJ439-1	ADL075LJ34-10	62059191 PP 1KF0-1	62009477 PP . 50NPT	30A7S7	251A11X1X2800X7300
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REPORT 02990	SHEET 2 OF 2	RELEASE DATE			IN-OUT ECN REV ST DATE NO. LVL																				
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, cr	EMBLŸ				DESCRIPTION	IMPELLER	INPELLER	IMPELLER	IMPELLER	IMPELLER	SHAFT	KEY .25X1.50	KEY +25X3+50	CASING RING	CENTER SLEEVE	THROTTLING SLEEVE	SPLIT RING								
FACINFFRIN PARTY LICE	FEED PUMP ROTOR ASSEMBLY	PEC		-> <matl spec=""><list #=""></list></matl>	PL MATL SPEC	831/655	831/655	831/655	831/655	831/655	831/655	831/655	831/655	831/655	831/655	831/655	831/655	814			655	655	655	20	
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