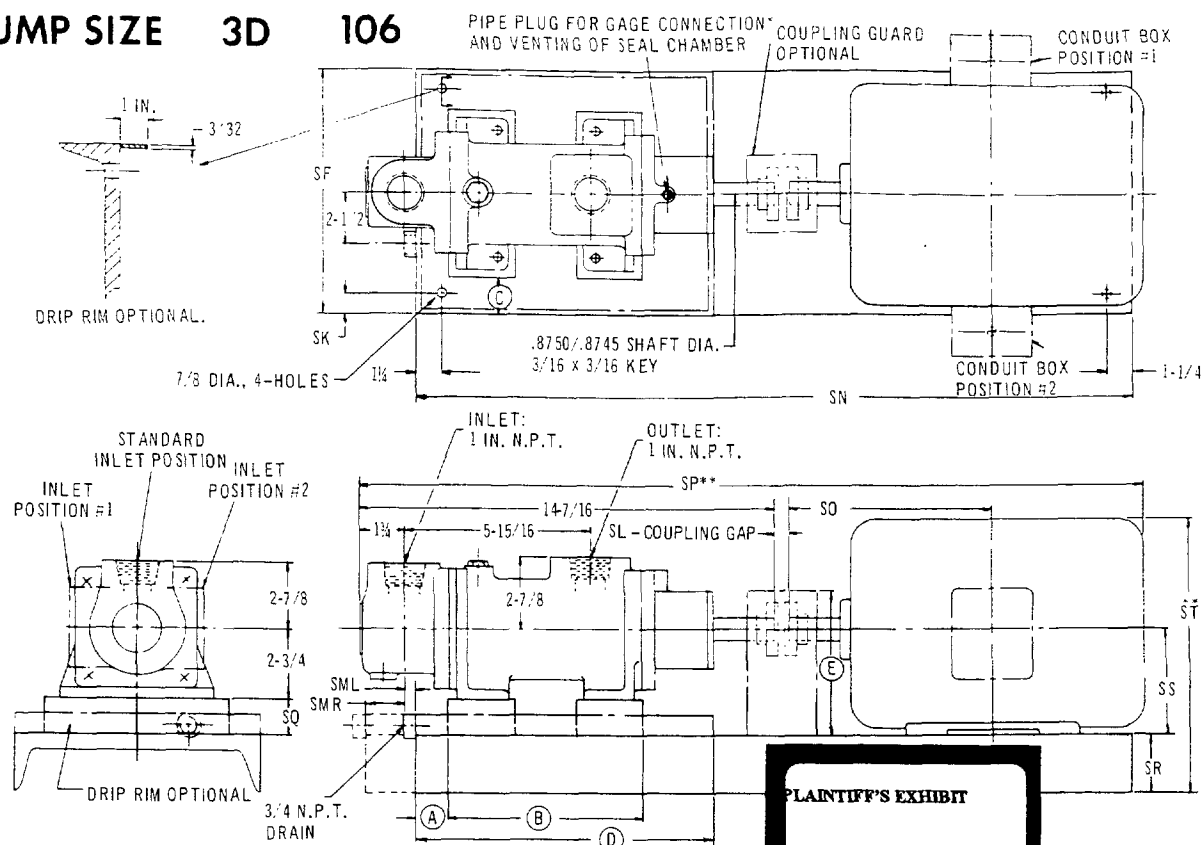


PUMP SIZE 3D 106



ALL DIMENSIONS ARE IN INCHES

PLAINTIFF'S EXHIBIT

IMO-150

ALL DIMENSIONS ARE IN INCHES																	
NEMA FRAME	SF	SK	SL			SML	SMR	SN	SO	SP			SQ	SR	SS	ST	WEIGHT Pump, Base Coupling
			⊕	LOVE- JOY	THOMAS					⊕	LOVE- JOY	THOMAS					
48	10	1-3/8	1/8	1/2	--	--	3	28	5-3/8	23-1/2	23-7/8	--	1/4	2-3/4	3	8-9/16	95
56	10	1-3/8	1/8	1/2	11/16	--	3	28	6-1/8	24-15/16	25-5/16	25-1/2	3/4	2-3/4	3-1/2	9-1/2	98
143T	12	1-3/8	1/8	1/2	11/16	--	3	30	6-1/2	26-13/16	27-5/16	27-3/8	3/4	3-3/16	3-1/2	10-5/16	135
145T	12	1-3/8	1/8	1/2	11/16	--	3	30	7	27-13/16	28-5/16	28-3/8	3/4	3-3/16	3-1/2	10-5/16	135
182T	12	1-3/8	1/8	3/4	11/16	--	1-3/4	30	7-3/4	29-1/8	29-3/4	29-11/16	1-3/4	3-3/16	4-1/2	12-7/16	127
184T	12	1-3/8	1/8	3/4	11/16	--	1-3/4	30	8-1/4	30-1/8	30-3/4	30-11/16	1-3/4	3-3/16	4-1/2	12-7/16	127
213T	12	1-3/8	1/8	1	15/16	1/2	--	30	9-5/8	32-3/16	33-1/16	33	2-1/2	3-3/16	5-1/4	14-7/16	129

COMMENTS

Type "DB" pumps have standard mechanical seal and ball bearing.
 Type "DH" pumps have teflon mechanical seal and high temperature ball bearing.
 Standard rotation is clockwise when viewed from coupling end of pump.
 Suction strainer and discharge relief valve must be provided.
ALIGNMENT: UNITS ARE ACCURATELY ALIGNED AT THE FACTORY. ALIGNMENT SHOULD BE CHECKED BEFORE AND AFTER CONNECTING PIPING.
PRESTARTING: FLUSH SUCTION PIPING BEFORE CONNECTING. PRIME AND VENT PUMP. DO NOT START PUMP WITH VALVES CLOSED. READ INSTRUCTION MANUAL FOR DETAILS.
 * SEAL CHAMBER SHOULD BE FILLED WITH OIL ON START UP.

○ These dimensions for De Laval reference only.

⊕ Fast's, Falk or Waldron Powerlign Coupling

** "SP" & "ST" dimensions may vary with type and make of motor. Dimension shown for TEFC.

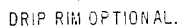
When endorsed, dimensions are correct for construction, subject to slight variations.

ALTERNATIVES (COMPLETE AS REQUIRED)

MOTOR MOUNTED BY D/L		COUPLING GUARD		DRIP RIM	
☐ YES	☐ NO	☐ YES	☐ NO	☐ YES	☐ NO
INLET HEAD			CONDUIT BOX		
☐ STD.	☐ #1 POS.	☐ #2 POS.	☐ #1 POS.(STD.)	☐ #2 POS.	
MOTOR DATA					
TYPE				WEIGHT	
MANUFACTURER					
RATING	FRAME	SPEED	PHASE	CYCLE	VOLTS
COUPLING TYPE					

CUSTOMER		CUSTOMER ORDER		DE LAVAL ORDER	
CERTIFIED BY		DATE		OFFICE	

106



ALL DIMENSIONS ARE IN INCHES

[illegible]

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ALTERNATIVES (COMPLETE AS REQUIRED)

MOTOR MOUNTED BY D/L		COUPLING GUARD		DRIP RIM	
☐ YES ☐ NO		☐ YES ☐ NO		☐ YES ☐ NO	
INLET HEAD		CONDUIT BOX			
☐ STD. ☐ #1 POS. ☐ #2 POS.		☐ #1 POS.(STD.)		☐ #2 POS.	
MOTOR DATA	TYPE				
	MANUFACTURER				WEIGHT
	RATING	FRAME	SPEED	PHASE	CYCLE
					VOLTS
COUPLING TYPE					

CUSTOMER

CUSTOMER ORDER

DE LAVAL ORDER

CERTIFIED BY

DATE _____

OFFICE

DE LAVAL
TURBINE INC

POWER AUXILIARIES DIVISION
TRENTON, NEW JERSEY 08602 *