FACILITY REQUIREMENTS	
NITROGEN	
SUPPLY PRESSURE	
MINIMUM SUPPLY PRESSURE	
MAXIMUM SUPPLY PRESSURE	
FLOWRATE	
.50 S/S SWAGELOK COMPRESSION	

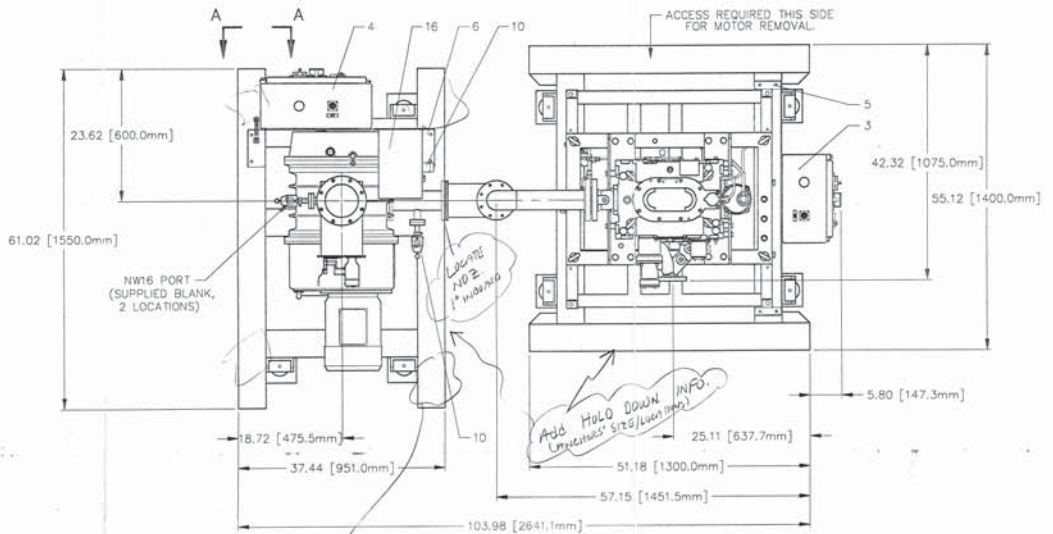
PROCESS COOLING WATER	
MAXIMUM PRESSURE	
MINIMUM PRESSURE DIFFERENTIAL	
TYPICAL FLOWRATE AT 70°C.	
MAXIMUM FLOWRATE AT 55°C.	
RECOMMENDED SUPPLY TEMP.	
.75 NPT CONNECTION	

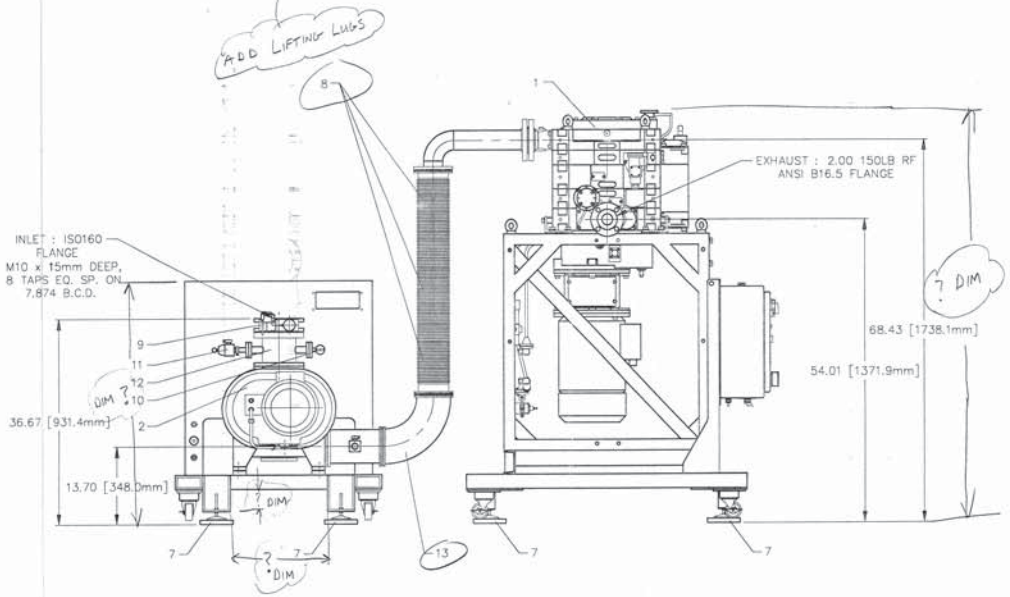
ELECTRICAL	
SUPPLY	
FULL LOAD AMPERAGE	
RECOMMENDED SERVICE	

ADD DATA

CENTER OF GRAVITY				
DESCRIPTION	WT.	X	Y	Z
EH2600/CART	962LBS.			
EDP200/CART	2117LBS.			

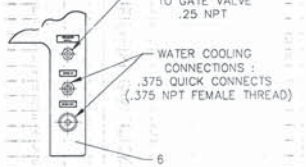
ADD DATA





PART NO.	QNTY.	DESCRIPTION	DWG. NO.	MATERIAL
1	1	CHEMICAL PUMP : EDP200		
2	1	BOOSTER PUMP : EH2600		
3	1	ELECTRICAL ENCLOSURE		
4	1	ELECTRICAL ENCLOSURE		
5	1	MOUNTING BRACKET : ELECT. ENCLOSURE/FACILITIES		
6	1	MOUNTING BRACKET : ELECTRICAL ENCLOSURE		
7	8	ISOLATOR PAD		
8	3	BELLOWS : ISO160 x 1 METER LONG		
9	1	GATE VALVE : ISO160 PNEUMATIC		
10	2	PIRANI GAUGE : 2.75 CONFLAT		
11	2	ISOLATION VALVE : PV16MK		
12	1	SPOOL : ISO160 x ISO160 W/ 2.75 CONFLAT PORTS		
13	1	ELBOW : ISO160		
14	1	WATER COOLING KIT (INCL. 15' HOSES)		
15	1	NITROGEN FLOW KIT		
16	1	CONTROLLER : 937		

REF. MANUAL FOR SPARE PARTS (ESP. SEALS/GASKETS)



SECTION A–A

PROCESS SYSTEMS INTERNATIONAL
DOCUMENT REVIEW CHECKLIST

PROJECT NAME:
PSI DOC. NO.

CHK		BY / DATE
	PROJECT ENG.	dm 6/13/96
	MECHANICAL	
	STRESS	
	ELECTRICAL	
	PTOCESS	
	MFG. ENG.	
	MANUF.	
	Q.A.	
	DRAFTING	

PROCESS SYSTEMS INTERNATIONAL
DOCUMENT APPROVAL CHECKLIST

PROJECT NAME:
PSI DOC. NO.

NOTE: THIS REVIEW DOES NOT RELIEVE THE SELLER OR CONTRACTOR OF ANY OBLIGATIONS UNDER THE P.O. OR CONTRACT.

- FA = FINAL APPROVAL
- ✓ AS = APP'D AS NOTED - REVISE & RESUBMIT
- AF = APPROVED FOR FABRICATION
- NA = NOT APPROVED
- RP = RELEASED FOR PROCUREMENT OF MATERIALS ONLY
- RR = REVISE & RESUBMIT

BY dm DATE 6/13/96

VENDOR NAME: Edwards HI-VAC
REVISION NO: —
SUBMITTAL NO.: 2
STATUS: review/approval

PSI DWG # V049-8-141
JUN 11 1996
JUN 07 1996

CUSTOMER SPEC. : V049-2-001

DO NOT SCALE DRAWING

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EDWARDS
EDWARDS HIGH VACUUM INTERNATIONAL
GRAND ISLAND, NEW YORK 14072
A Division of the BOC Group, Inc.

No.	Revision	Date	By	Appr.

Drawn PMW Date 01-24-96
Checked PMW Scale .09375=1.00
Approved MPG No. 8490
Non-Std. No. NQB050100
Customer L00 (FSI)

Title: GENERAL ARRANGEMENT : ROUGHING PUMP CART WITH DIGITAL GAUGE DISPLAY

Dwg. No. D-4526

UNLESS OTHERWISE STATED: Max Hole Tol. ±0.13 mm of bore & shaft diam. Inch dims. shown with ○ or min. dia. have no Tmax. dims. — ± 1/8 All decimals to be ±.01 (.3) Angles ±1° (.5°) Holes +0.4 -0.1 (.15)