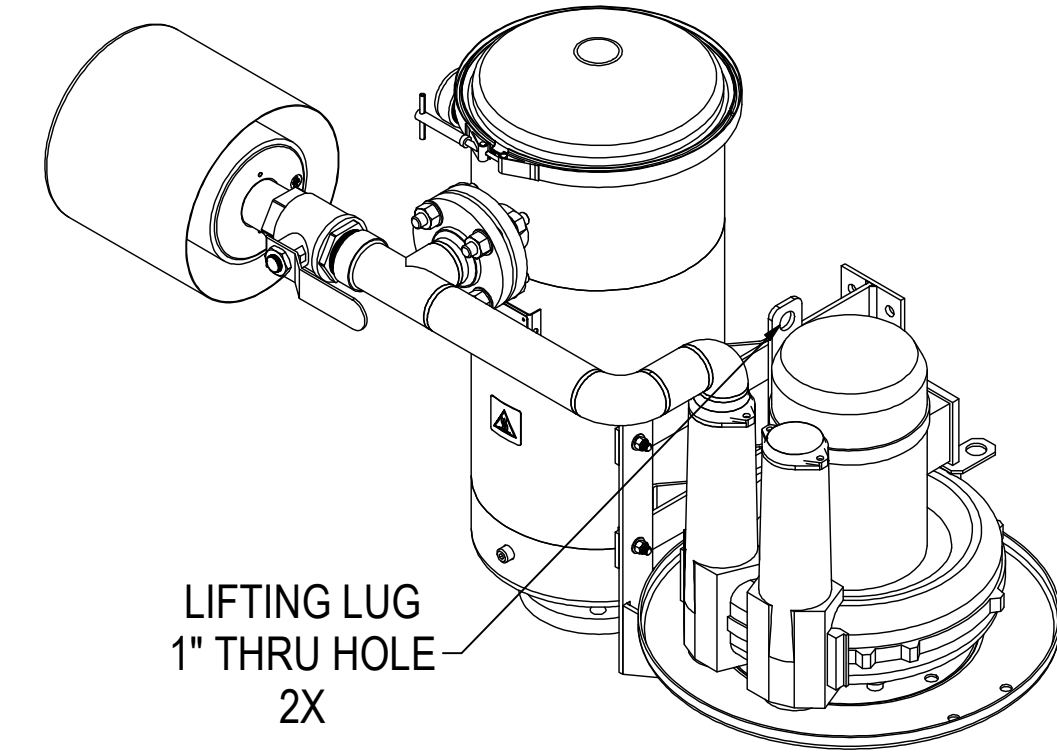


REV	DESCRIPTION	ECN #	CHG BY	DATE	APP'D
A	ADDED LIFTING LUGS	-	JCB	03/12/18	CJS
B	REVISED PARAMETERS TABLE	2079	JCB	08/24/18	CJS
C	ADDED REPLACEMENT FILTER KIT PART NUMBER	-	JCB	08/01/19	CJS
D	ADDED VR NUMBER	26350	TAS	04/18/23	JSR

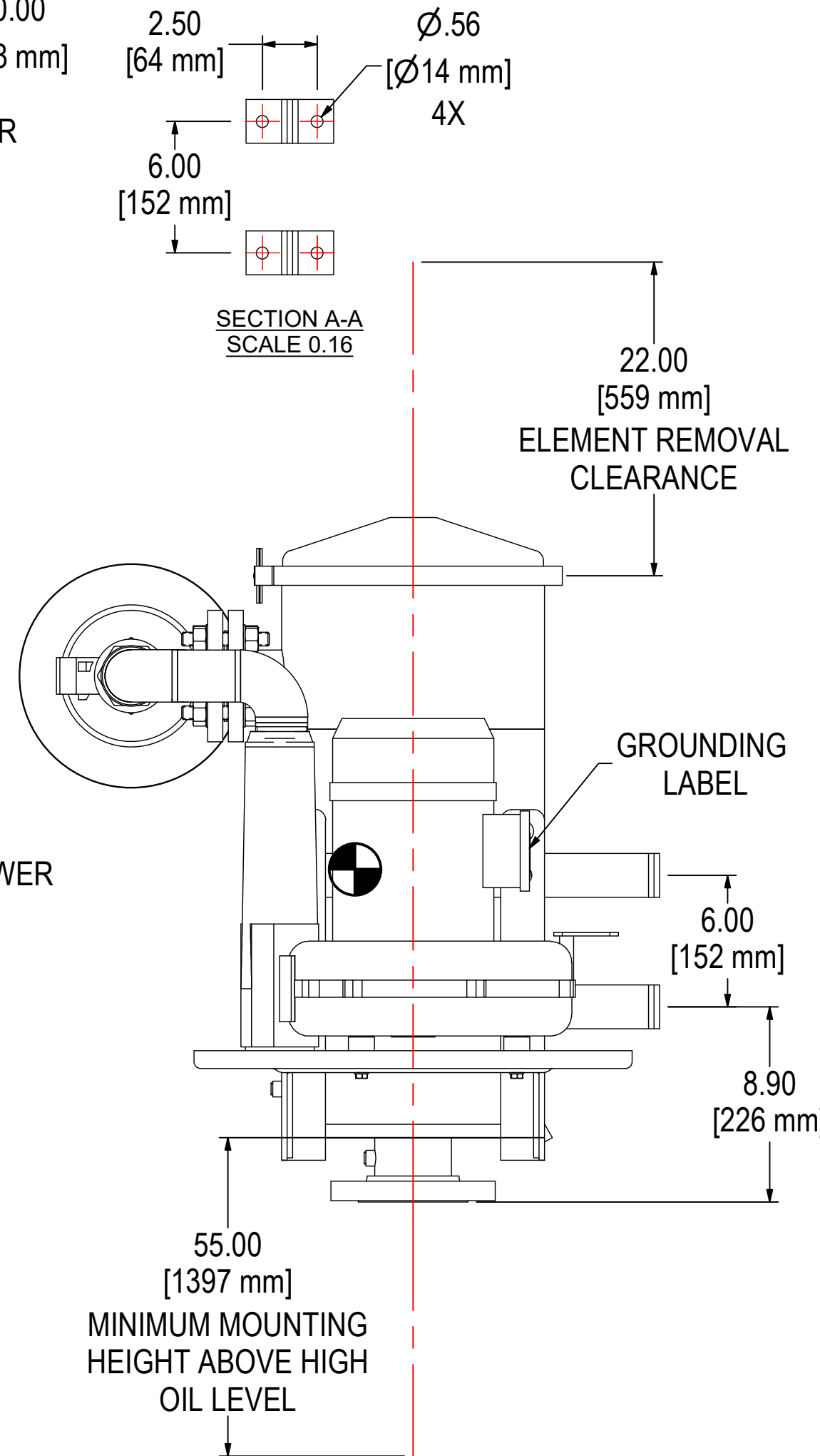
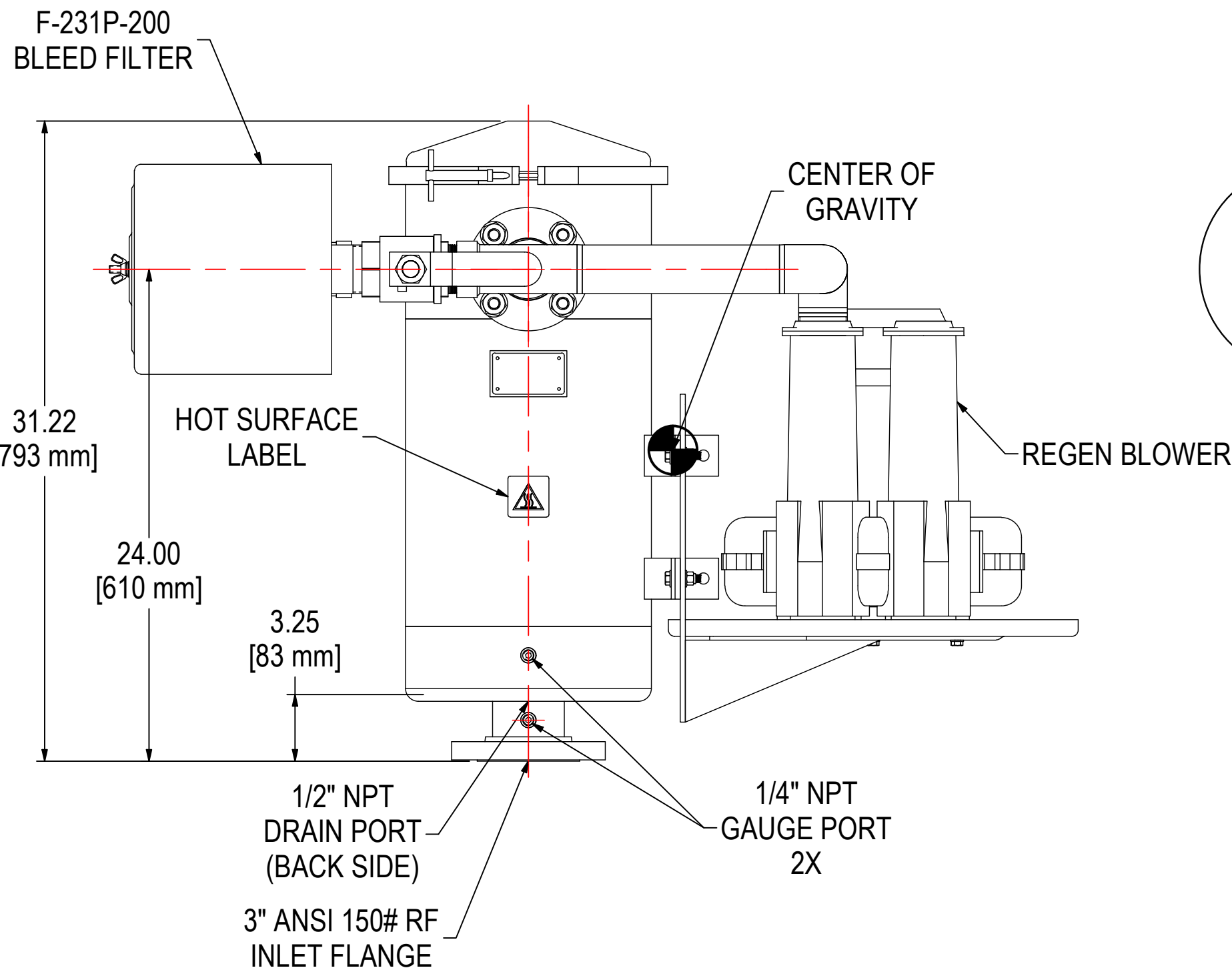
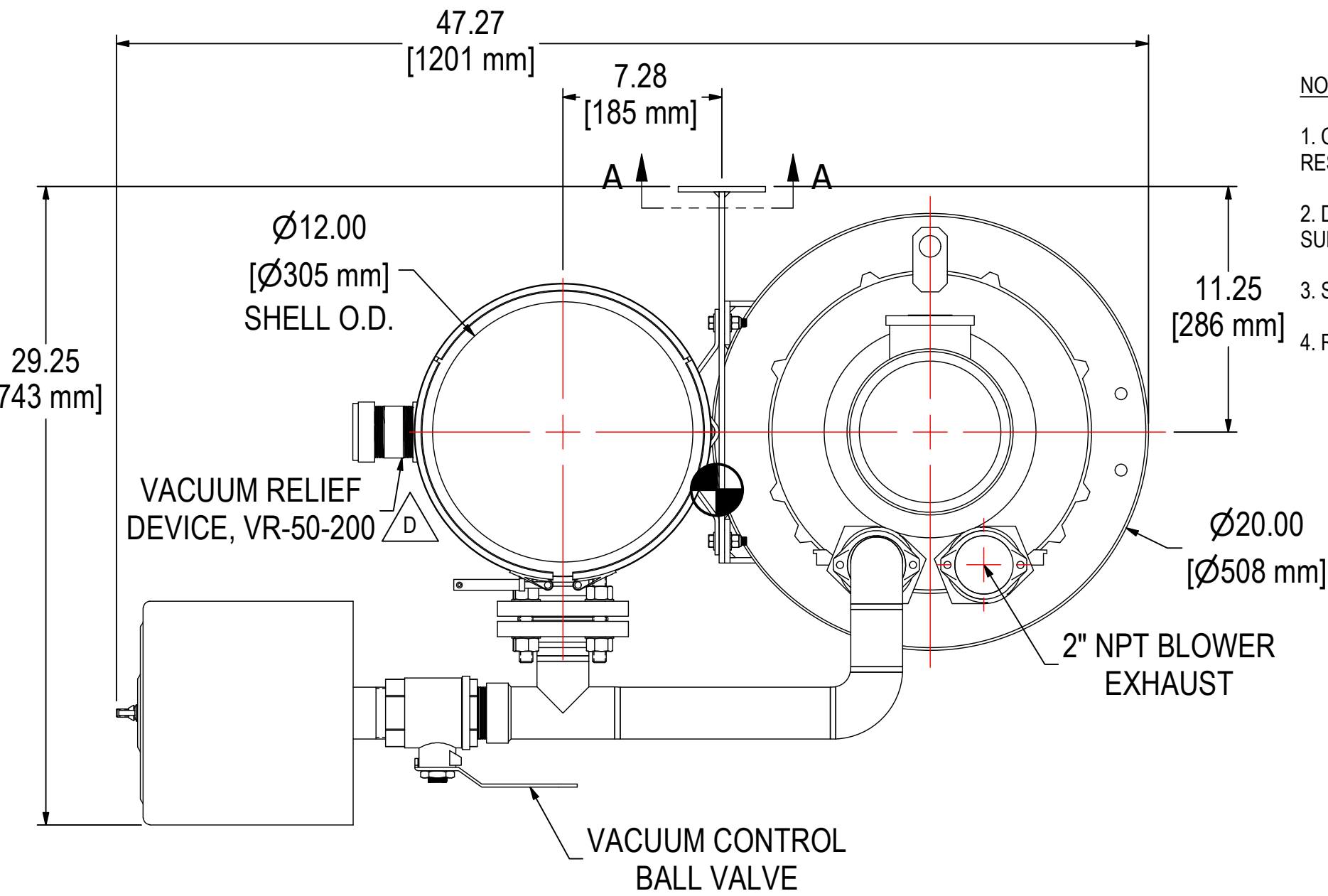
NOTES & SPECIFICATIONS:

1. CUSTOMER TO USE MANUAL BALL VALVE TO ADJUST VACUUM LEVEL INSIDE RESERVOIR. VALVE SHOULD BE IN OPEN POSITION DURING START UP.
2. DRAIN LINE TO BE SUPPLIED AND INSTALLED BY CUSTOMER. LINE MUST BE SUBMERGED BELOW LOW OIL LEVEL OF WASTE OIL CONTAINER AT ALL TIMES.
3. SOLBERG NOT LIABLE FOR ANY MOUNTING ISSUES IN FIELD INSTALLATIONS.
4. RECOMMENDED ELEMENT CHANGE-OUT PRESSURE DROP: 1016mmH2O



LIFTING LUG
1" THRU HOLE
2X

OME DESIGN PARAMETERS				
MATERIALS OF CONSTRUCTION	Carbon Steel			
FINISH	RAL 7036, PLATINUM GRAY			
FLOW RATE (50Hz/60Hz)	125/175 CFM	212/297 m³/hr		
VACUUM LEVEL	-1 to -5" WC	-2 to -12 mBar		
DRAIN LINE	0.5" NPT			
ELEMENT REMOVAL CLEARANCE	22"	559 mm		
SYSTEM MOUNTING HEIGHT	55"	1397 mm		
PRESSURE RELIEF VALVE	N/A	N/A		
VACUUM RELIEF VALVE	-45" WC	-112 mBar		
PROCESS TEMPERATURE	< 180°F	< 82°C		
BLOWER SPECIFICATIONS	-			
ASSEMBLY CERTIFICATIONS	-			
SEPARATOR PROPERTIES				
REPLACEMENT ELEMENT	CEG444/2	QTY.	1	
SEPARATOR EFFICIENCY	99.97% @ 0.3 micron			
BLEED FILTER ELEMENT	231P			
REPLACEMENT FILTER KIT	SME-A175-FKBF			
MOTOR SPECIFICATIONS				
HORSEPOWER	3 HP	2.24 kW	PHASE	3ϕ
INSULATION RATING	Class F (B)			
ENCLOSURE	TEFC			
AMBIENT TEMPERATURE	40C			
INGRESS PROTECTION	IP55, Tropicalized			
POLES	2 (60 Hz 3600RPM/ 50 Hz 3000RPM)			
Cable Gland Entry 1 with Gland	M25			
Cable Gland Entry 2 W/O Gland	M25			
OPTIONS	cURus, CE, Thermal Protector: Klixon 150C, 3-Phase AC Motor IEC 60034			
60Hz OPERATIONS				
VOLTAGE	208-230/460			
FULL LOAD AMPS	8.27-8.31/4.15			
EFFICIENCY LEVEL	86.5% NEMA Premium Efficiency (IE3)			
50Hz OPERATIONS				
VOLTAGE	200/400			
FULL LOAD AMPS	9.6/4.8			
EFFICIENCY LEVEL	85.9% NEMA Premium Efficiency (IE3)			
UNIT PROPERTIES				
APPROXIMATE UNIT WEIGHT	225 LBS.		102 kg	
LID WEIGHT	5 LBS.		2 kg	
SEPARATOR WEIGHT	12 LBS.		5 kg	
ELASTOMERS	Viton			
NAMEPLATE DESIGN PARAMETERS				
MATERIALS OF CONSTRUCTION	Aluminum			



TOLERANCES

DIMENSIONS ARE FOR REFERENCE ONLY. ALL DIMENSIONS ARE SUBJECT TO CHANGE UPON PRODUCTION.

UNLESS OTHERWISE SPECIFIED:
 -DIMENSIONS ARE IN INCHES
 -REF: APPROXIMATE DIMENSIONS, NO TOLERANCES APPLY
 -FINISH: BREAK EDGES TO .005-.020 RADIUS/CHAMFER

MODEL NUMBER: SME-M-C-A175-MOR

DESCRIPTION: SME MIST ELIMINATOR, CEG444/2, 175 CFM, 300RF INLET, K06-MOR BLOWER, F-231P-200 BLEED FILTER

PROJECT:

DRAWN BY: JCB
 DATE: 6/6/2017

APPROVED BY: CJS
 DATE: 6/7/2017

SHEET:
 1 OF 1

REV:
 D