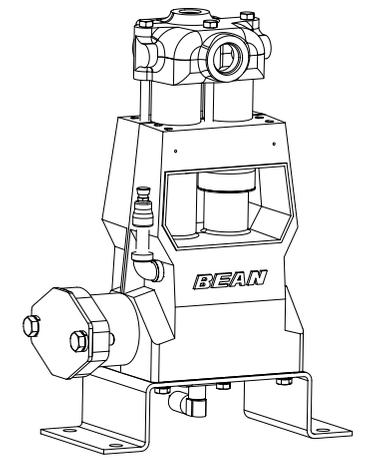
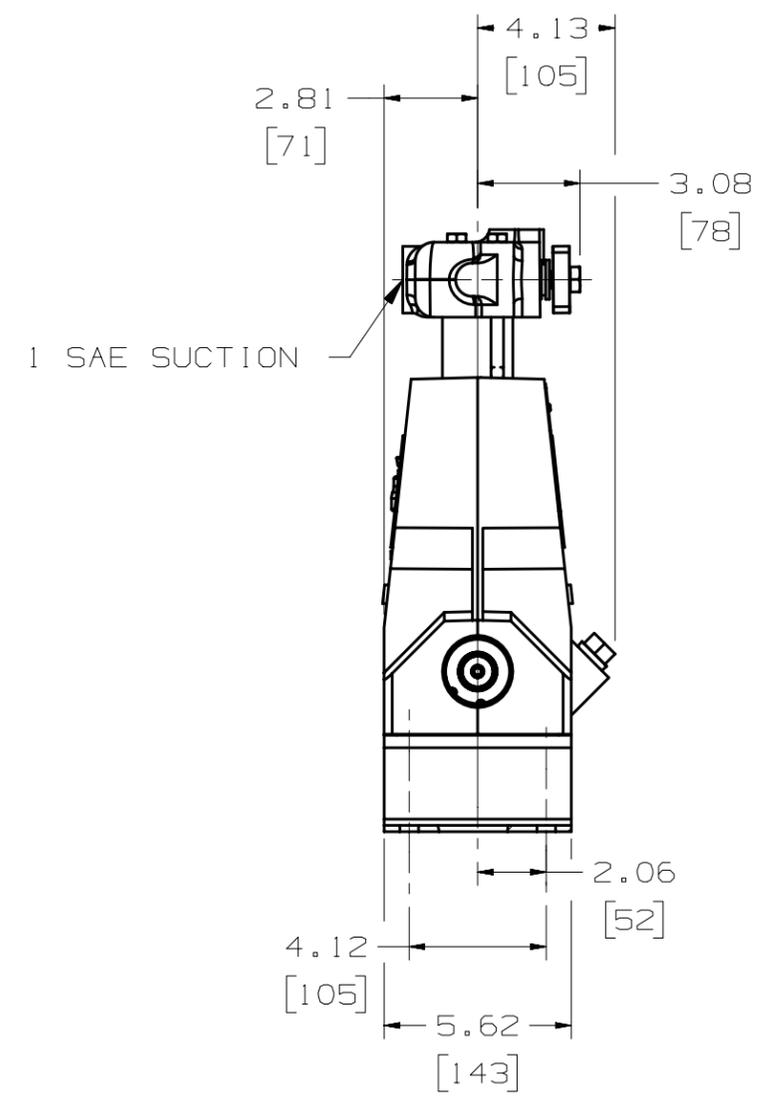
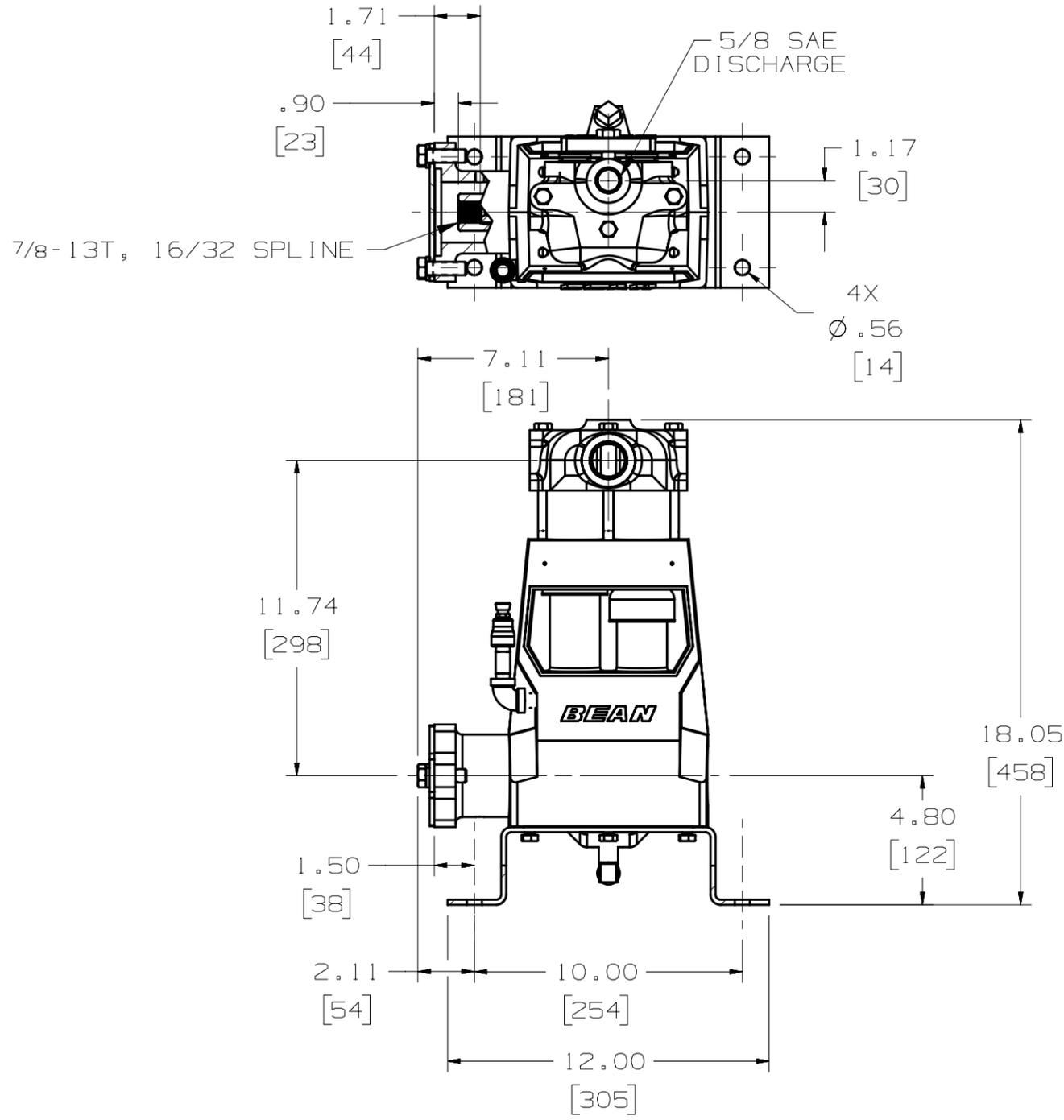


SECTION A-A

ITEM	DESCRIPTION	QTY
1	POWER END ASSEMBLY:	1
2	FLUID CYLINDER:	1
3	SPRING AND DISC ASSEMBLY:	4
4	SEAT:	4
5	CYLINDER:	2
6	PISTON CUP:	2
7	PISTON HOLDER:	2
8	VALVE COVER:	2
9	VALVE COVER CLAMP:	1
10	VALVE CAGE:	4
11	GASKET: VALVE COVER	2
12	UMBRELLA:	2
13	WASHER: UMBRELLA	2
14	O-RING: UNIFORM #015	2
15	O-RING: UNIFORM #033	2
16	O-RING: UNIFORM #213	6
17	CUP WASHER: A04	2
18	RING SEAL: CYLINDER	2
19	CAP SCREW HEX HEAD: 5/16 X 1.50 LG	2
20	CAP SCREW HEX HEAD: 3/8 X 5.00 LG	3
21	CAP SCREW HEX HEAD: 1/2 X 1.50 LG	1
22	CAPLUG: INT #14-S (NOT SHOWN)	1
23	THREAD PROTECTOR: #T-12 (NOT SHOWN)	1



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	<p>DO NOT SCALE THIS DRAWING</p> <p>ALL DIMENSIONS ARE IN INCHES (MM)</p> <p>BREK SHARP EDGES .015 (1.2541) MAXIMUM</p> <p>INCHES CORNER RADIUS .0001 (1.2541) MAXIMUM</p> <p>THREADS CONFORM TO FEDERAL STANDARD H-28</p> <p>TAPPED THROUGHS CONFORM TO API 6A</p> <p>BOLT HOLES MUST STRADDLE COMMON CENTERLINE</p> <p>FINISH 250 RMS</p> <p>UNLESS OTHERWISE SPECIFIED</p> <p>ALL DIA'S CONCENTRIC WITHIN .010 (1.2541) T.I.R.</p>	<p>APPROVED BY</p> <p>LOUGHELLA, STEVE</p> <p>DATE</p> <p>08-NOV-2007</p>	<p>DESIGN REVIEW</p> <p>EVANS, AARON</p> <p>DATE</p> <p>21-JAN-2008</p>
<p>FOR THE USE OF SALE BY MANUFACTURER OR ANY OTHER PERSON OR ENTITY WITHOUT EXPRESS WRITTEN AUTHORIZATION BY THE TECHNOLOGIES.</p>	<p>DATE</p> <p>23-JAN-2008</p>	<p>DATE</p> <p>01-DEC-2007</p>	<p>DATE</p> <p>01-DEC-2007</p>



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ENGINEERING
 DIMENSIONAL
 OUTLINE

DESCRIPTION
 PUMP ASSEMBLY; A0413C
 W/1 SAE X 5/8 SAE FLUID
 END, PISTON, DISC VALVE
 ASSEMBLIES, HYD DRIVE,
 MOUNTING FEET

DRAWN BY: STILES, MICHAEL	DATE: 15-OCT-2007
DRAFTING CHECK: LOUDERMILK, STEVE	DATE: 08-NOV-2007
DESIGN REVIEW: EVANS, AARON	DATE: 21-JAN-2008
MANUFACTURING APPROVAL: CRUZ, GEORGE	DATE: 01-DEC-2007
APPROVED BY: SINGLETERRY, RONALD	DATE: 23-JAN-2008

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