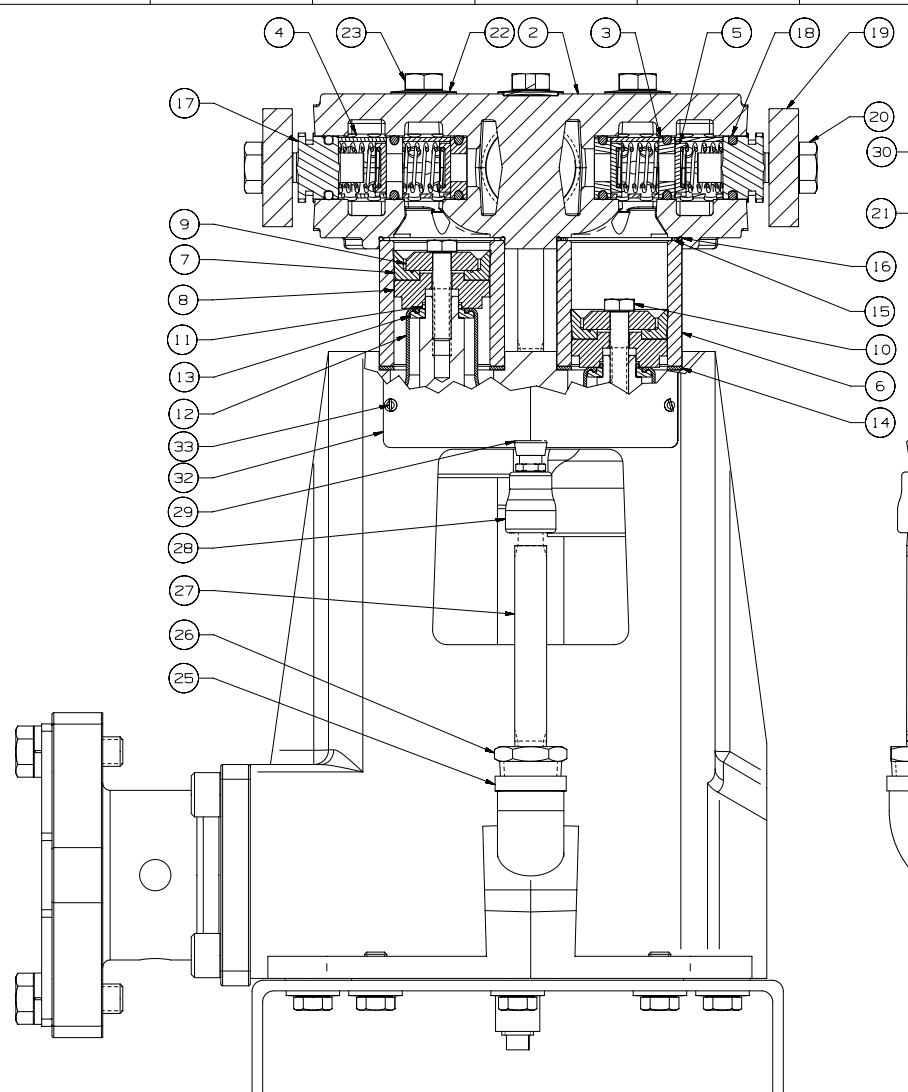


ITEM	DESCRIPTION	QTY
1	POWER END ASSY:	1
2	FLUID CYLINDER:	1
3	SEAT:	8
4	VALVE CAGE:	8
5	SPRING AND DISC ASSEMBLY:	8
6	CYLINDER:	4
7	PISTON CUP:	4
8	PISTON HOLDER:	4
9	CUP WASHER: A04	4
10	CAP SCREW: HEX HEAD, 5/16 X 1.50 L	4
11	O-RING: UNIFORM #015	4
12	UMBRELLA: F/E04	4
13	WASHER: UMBRELLA	4
14	GASKET: VALVE COVER	4
15	RING SEAL: CYLINDER	4
16	O-RING: UNIFORM #033	4
17	VALVE COVER:	4
18	O-RING: UNIFORM #213	12
19	VALVE COVER CLAMP:	2
20	CAP SCREW: HEX HEAD, 1/2 X 1.50 LG	2
21	PIPE PLUG: 1/4" NPT	1
22	BELLEVILLE SPRING WASHER: 7/16	4
23	CAP SCREW: HEX HEAD, 7/16 X 5.50 L	4
24	PIPE PLUG: SQ HEAD, 3/4 NPT	1
25	STREET ELBOW: 3/4 NPT X 45 DEG	1
26	BUSHING: HEX HEAD, 3/4 X 1/4	1
27	NIPPLE: 1/4 SCH 40, 1/4 NPT	1
28	REDUCER: 1/4 NPT X 1/8 NPT	1
29	LUBE VENT: 1/8-27 PTF	1
30	THREAD PROTECTOR: CAPLUGS #T-12	1
31	CAPLUG: 17-S	1
32	NAMEPLATE:	1
33	SELF TAPPING SCREW:	2

UNLESS OTHERWISE SPECIFIED

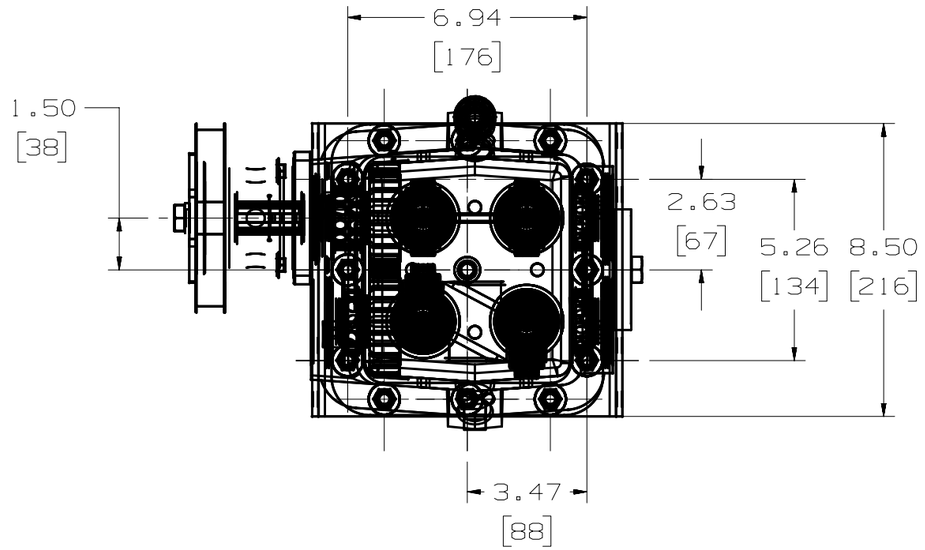
DO NOT SCALE THIS DRAWING
ALL DIMENSIONS ARE IN INCHES [MM]
BREAK SHARP EDGES .015 [.381] MAXIMUM
INSIDE CORNER RADII .030 [.762] MAXIMUM
THREADS CONFORM TO FEDERAL STANDARD H-28
TAPERED THREADS CONFORM TO API 6A
BOLT HOLES MUST STRADDLE COMMON CENTERLINE
FINISH 250 RMS
ALL DIA'S CONCENTRIC WITHIN .010 [.254] T.I.R.

TOLERANCE
.X -- ± .030 [.762]
.XX -- ± .015 [.381]
.XXX -- ± .005 [.1271]
ANGLE -- ± 30'

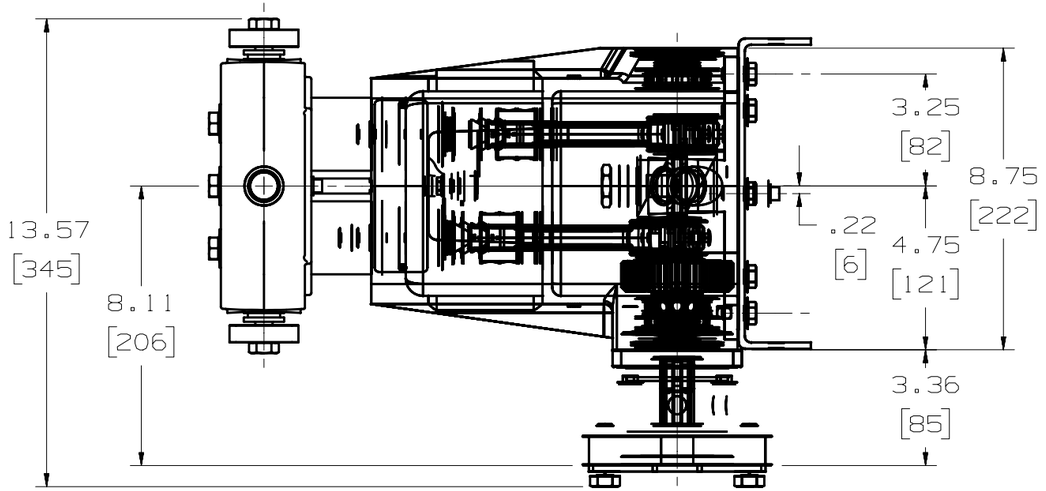
DESCRIPTION: PUMP ASSEMBLY: E0413 HD W/1-1/4 NPT X 3/4 NPT FLUID END, PISTON, DISC VALVE ASSEMBLIES, W/ HYDRAULIC MOTOR MOUNTING FLANGE

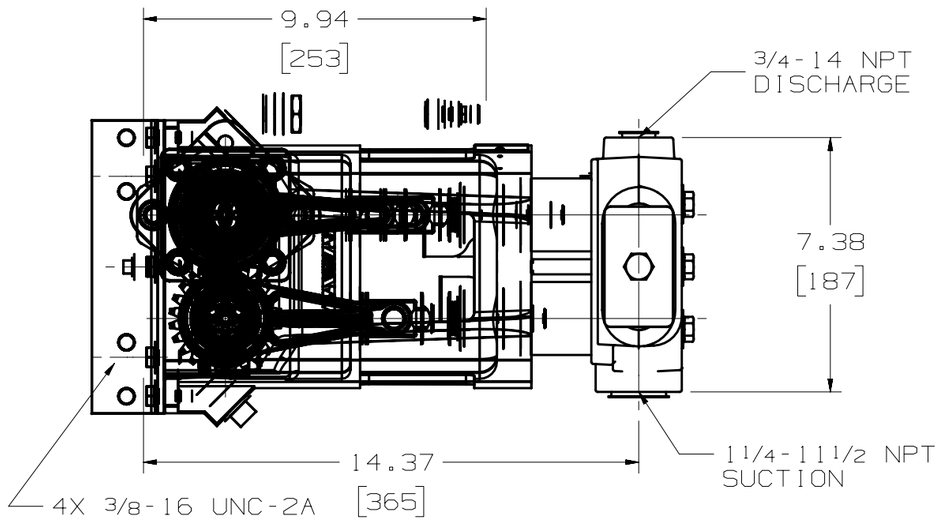
DRAWN BY:	KUNISHIGE, SCOTT	DATE: 11-DEC-2007
DRAFTING CHECK:	KUNISHIGE, SCOTT	DATE: 11-DEC-2007
DESIGN REVIEW:	GODDELL, GENE	DATE: 09-JAN-2008
MANUFACTURING APPROVAL:	CRUZ, GEORGE	DATE: 06-JAN-2008
APPROVED BY:	EVANS, AARON	DATE: 11-FEB-2008

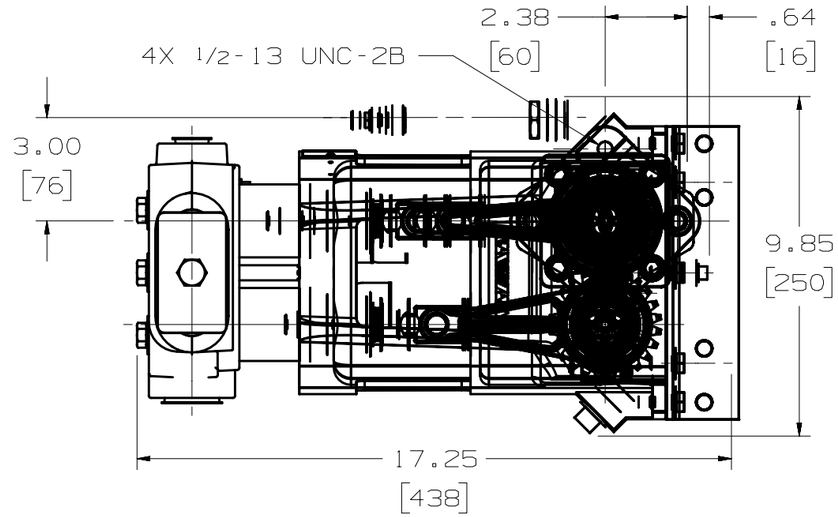
LATEST ECO NO. 5014612 REV. A
DRAWING NUMBER 00500000694



MOUNTING DETAIL







ENGINEERING DIMENSIONAL OUTLINE

DESCRIPTION
PUMP ASSEMBLY; E0413 HD W/1-1/4 NPT X 3/4 NPT FLUID END, PISTON, DISC VALVE ASSEMBLIES, W/ HYDRAULIC MOTOR MOUNTING FLANGE

DRAWN BY: KUNISHIGE, SCOTT	DATE: 11-DEC-2007	FMC Technologies	
DRAFTING CHECK: KUNISHIGE, SCOTT	DATE: 11-DEC-2007		
DESIGN REVIEW: GOODELL, GENE	DATE: 09-JAN-2008		
MANUFACTURING APPROVAL: CRUZ, GEORGE	DATE: 06-JAN-2008	LATEST ECN NO. 5014612	REV. A
APPROVED BY: EVANS, AARON	DATE: 11-FEB-2008	DRAWING NUMBER DU500000694	

** RELEASED FOR MANUFACTURE ** -- Published: 02/19/2008__11:55:47