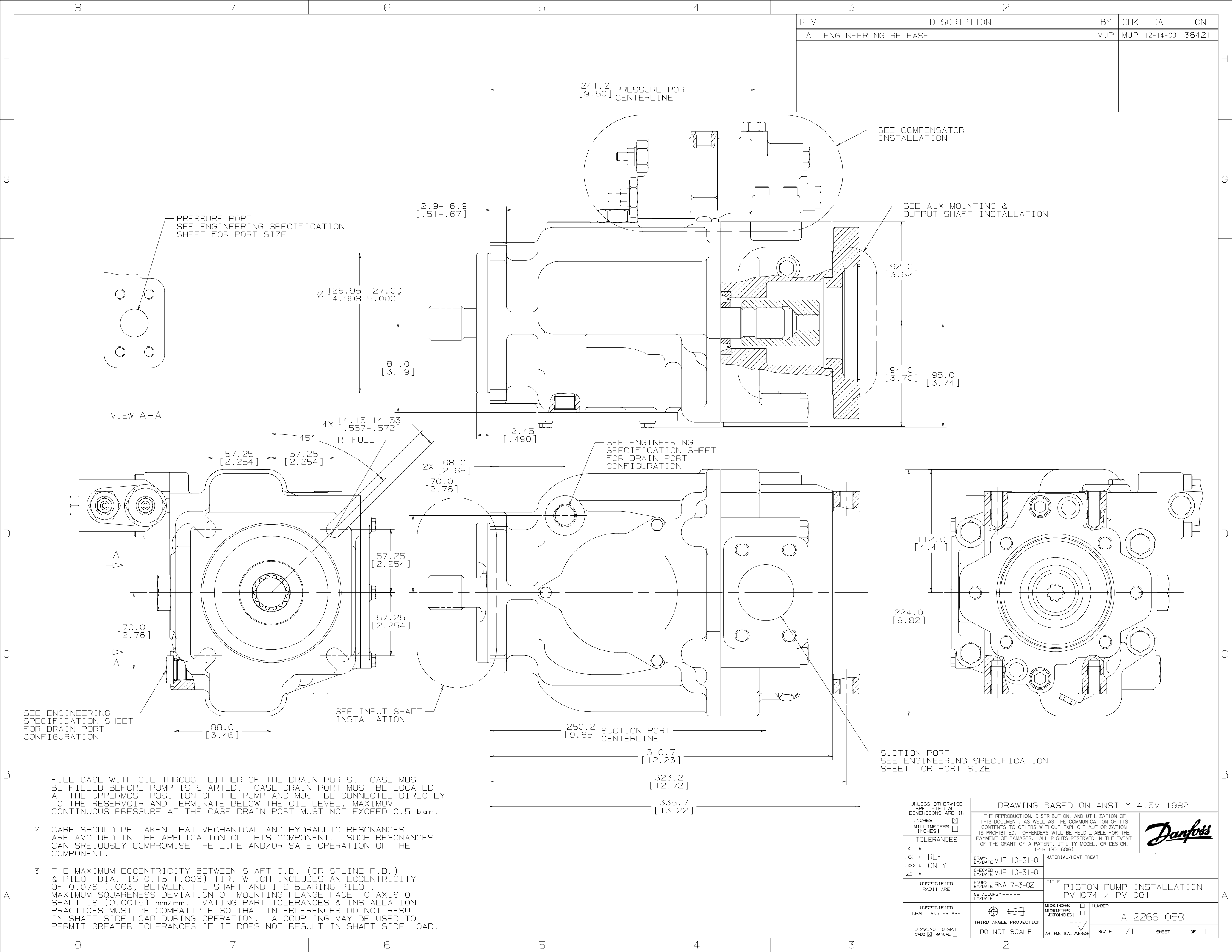




- 1 FILL CASE WITH OIL THROUGH EITHER OF THE DRAIN PORTS. CASE MUST BE FILLED BEFORE PUMP IS STARTED. CASE DRAIN PORT MUST BE LOCATED AT THE UPPERMOST POSITION OF THE PUMP AND MUST BE CONNECTED DIRECTLY TO THE RESERVOIR AND TERMINATE BELOW THE OIL LEVEL. MAXIMUM CONTINUOUS PRESSURE AT THE CASE DRAIN PORT MUST NOT EXCEED 0.5 bar.
- 2 CARE SHOULD BE TAKEN THAT MECHANICAL AND HYDRAULIC RESONANCES ARE AVOIDED IN THE APPLICATION OF THIS COMPONENT. SUCH RESONANCES CAN SERIOUSLY COMPROMISE THE LIFE AND/OR SAFE OPERATION OF THE COMPONENT.
- 3 THE MAXIMUM ECCENTRICITY BETWEEN SHAFT O.D. (OR SPLINE P.D.) & PILOT DIA. IS 0.15 (.006) TIR, WHICH INCLUDES AN ECCENTRICITY OF 0.076 (.003) BETWEEN THE SHAFT AND ITS BEARING PILOT. MAXIMUM SQUARENESS DEVIATION OF MOUNTING FLANGE FACE TO AXIS OF SHAFT IS (0.0015) mm/mm. MATING PART TOLERANCES & INSTALLATION PRACTICES MUST BE COMPATIBLE SO THAT INTERFERENCES DO NOT RESULT IN SHAFT SIDE LOAD DURING OPERATION. A COUPLING MAY BE USED TO PERMIT GREATER TOLERANCES IF IT DOES NOT RESULT IN SHAFT SIDE LOAD.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES ☒ MILLIMETERS [INCHES] ☐		DRAWING BASED ON ANSI Y14.5M-1982	
TOLERANCES .X ± ----- .XX ± REF .XXX ± ONLY ≤ ± -----		THE REPRODUCTION, DISTRIBUTION, AND UTILIZATION OF THIS DOCUMENT, AS WELL AS THE COMMUNICATION OF ITS CONTENTS TO OTHERS WITHOUT EXPLICIT AUTHORIZATION IS PROHIBITED. OFFENDERS WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL, OR DESIGN. (PER ISO 16016)	
DRAWN BY/DATE MJP 10-31-01 CHECKED BY/DATE MJP 10-31-01		MATERIAL/HEAT TREAT	
UNSPECIFIED RADIi ARE ----- METALLURGY ----- BY/DATE		TITLE PISTON PUMP INSTALLATION PVH074 / PVH081	
UNSPECIFIED DRAFT ANGLES ARE ----- 		MICROINCHES ☐ NUMBER MICROMETERS ☐ A-2266-058	
THIRD ANGLE PROJECTION		---	
DRAWING FORMAT CADD ☒ MANUAL ☐		ARITHMETICAL AVERAGE	
DO NOT SCALE		SCALE 1/1	
		SHEET 1 OF 1	