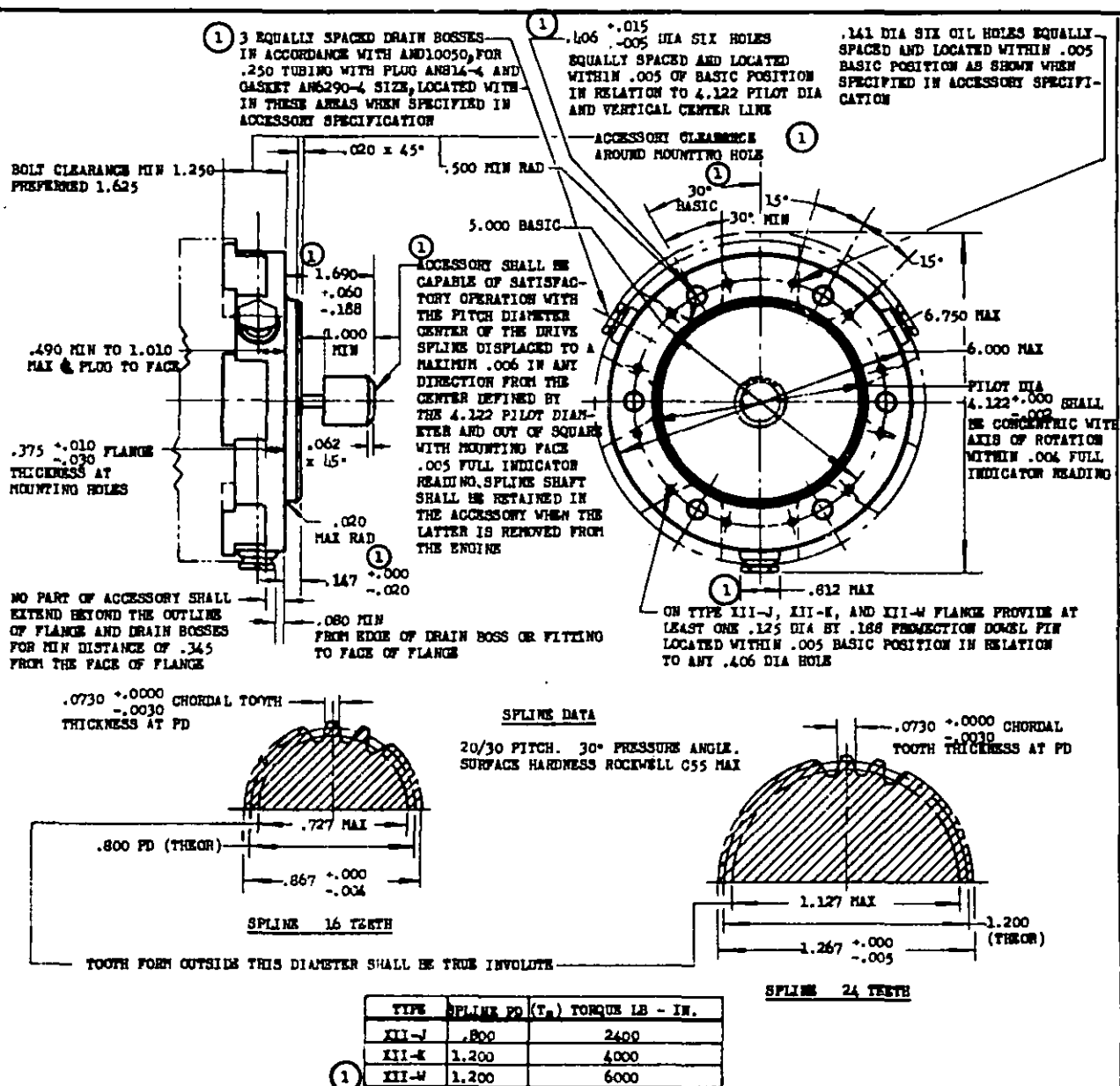


APPROVED 1 APR 49
REVIEWED 1 4 MAR 53

NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatever, and the fact that the Government may have furnished information, or in any way supplied the said drawings, specifications, or other data is not to be regarded as an endorsement or approval of the product, or as its use in connection with any other purpose or operation, or as its use in connection with any other product or operation.

NOTE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing represents all standards and design for the main product and shall become effective for the procurement of a replacement, or for use in new designs, not later than 6 months after the latest date of approval shown.



FLANGE OUTLINE AS DIMENSIONED IS A BASIC MAXIMUM AREA REQUIREMENT.

THE ACCESSORY SHALL OPERATE SATISFACTORILY WITH OIL LEAKAGE FROM THE ENGINE INTO THE PILOT COMPARTMENT NOT EXCEEDING 2 CC PER HOUR. ACCESSORY CONTAINING DRIVE SHAFT SEALS TO PREVENT LEAKAGE OF FLUID FROM THE ACCESSORY SHALL BE PROVIDED WITH DRAIN BOSSSES AS SHOWN CONNECTED TO THE PILOT COMPARTMENT BETWEEN THE ENGINE SEAL AND THE ACCESSORY SEAL.

- ① WHEN THE ACCESSORY IS OPERATING AT A SPEED OF 1300 TO 4125 RPM THE ENGINE WILL FLOW A MINIMUM OF .25 GPH OF OIL TO ONE OIL HOLE AT A MINIMUM PRESSURE OF 5 PSI AND NOT EXCEEDING 70 PSI IF FLOW IS REDUCED BELOW .25 GPH TO .05 GPH.

- ② SPEED: NORMAL RATED SPEED SHALL BE 3750 RPM.

ROTATION: CLOCKWISE AS VIEWED FROM OPPOSITE THE DRIVE END

STRENGTH: THE ACCESSORY SHALL PROVIDE A SHEAR SECTION THAT SHALL FAIL AT A TORQUE BLOW (T₀).

REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010, ANGLES ±2°.

- ① THIS DRAWING AND THE APPLICABLE ACCESSORY SPECIFICATIONS, TOGETHER, COMPLETELY DEFINE THE DESIGN REQUIREMENTS.

FOR DETAIL OF TYPE XII ENGINE DRIVE SEE AND20002.

NOMINAL USE OF THIS FLANGE IS FOR LOW SPEED FLUID POWER PUMPS.

AIR FORCE-NAVY AERONAUTICAL DESIGN STANDARD

AND10262

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