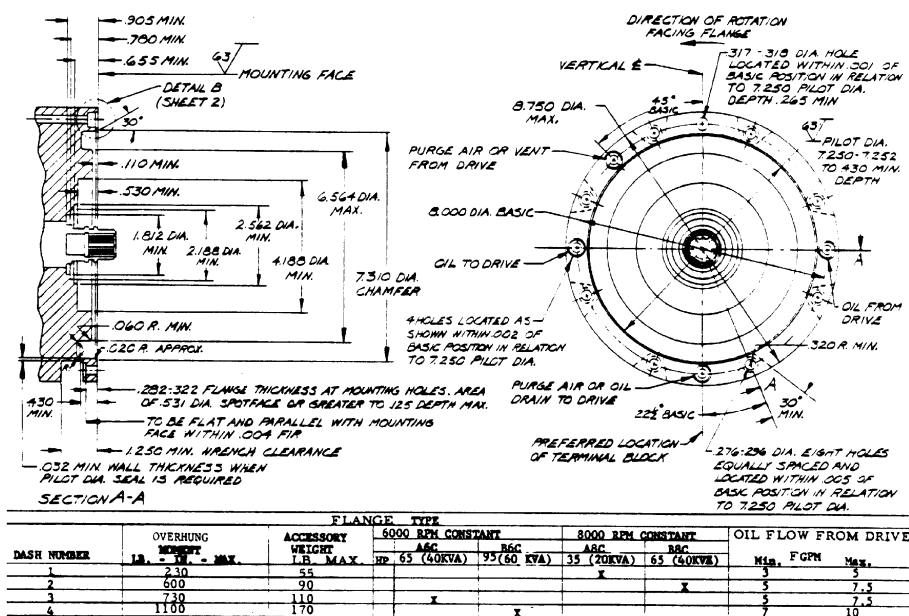


Flange - 3/4 Generator - 8" BC - Female Pilot



WHERE AN X APPEARS THE FLANGE TYPE AND DASH NUMBER ARE TYPICAL AND PREFERRED.

SEE SHEET 2 FOR SPLINE AND PORTING DETAILS.

THE OVERHUNG MOMENT AND WEIGHT WILL BE DESIGNATED BY A DASH NUMBER IN THE FLANGE CALL-OUT PER ABOVE TABULATION. EXAMPLE: AS 533-3 IS A 65 H.P. FLANGE WITH 730 LB.-IN. OVERHUNG MOMENT AND 110 LB. ACCESSORY WEIGHT

THE NOMINAL USE OF THIS FLANGE IS FOR CONSTANT SPEED ACCESSORIES DRIVEN BY AS 532 DRIVES.

OIL FROM DRIVE:

1. Temperature 300°F.
2. FLOW: F GPM
3. INLET PRESSURE: 200 PSIG MAX.
4. PRESSURE LOSS 125 PSI MAX. AT 300°F. OIL IN TEMPERATURE
5. DISCHARGE PRESSURE: 25 PSIG MAX.

OIL SUPPLY HOLES MAY BE OMITTED WHEN SO SPECIFIED IN THE SYSTEM MODEL SPECIFICATION.

.3170 - .3180 HOLE MAY BE OMITTED WHEN SO SPECIFIED IN THE SYSTEM MODEL SPECIFICATION. HOLES FOR SUPPLYING AIR TO THE GENERATOR SHALL NOT BE PROVIDED UNLESS SPECIFIED IN THE SYSTEM MODEL SPECIFICATION.

THE REQUIRED AIR PRESSURE AND FLOW AND SIZE OF AIR SUPPLY AND DRAIN HOLES SHALL BE SHOWN ON THE GENERATOR INSTALLATION DRAWING.

PROVISIONS SHALL BE MADE FOR AN OIL SLINGER ON THE SHAFT IN AREA DESIGNATED ON SHEET 2.

REMOVE ALL BURRS AND SHARP EDGES.

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

SURFACE ROUGHNESS SYMBOLS AS 291 (AA).

FOR EXHAUST SHROUD MOUNTING SURFACES ON AIR COOLED AC GENERATORS, SEE ARP 555.

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

THIS IS A DESIGN STANDARD AND IS NOT TO BE USED AS A PART NUMBER

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright 2001 Society of Automotive Engineers, Inc.  
All rights reserved.

TO PLACE A DOCUMENT ORDER: (724) 776-4970

FAX: (724) 776-0790

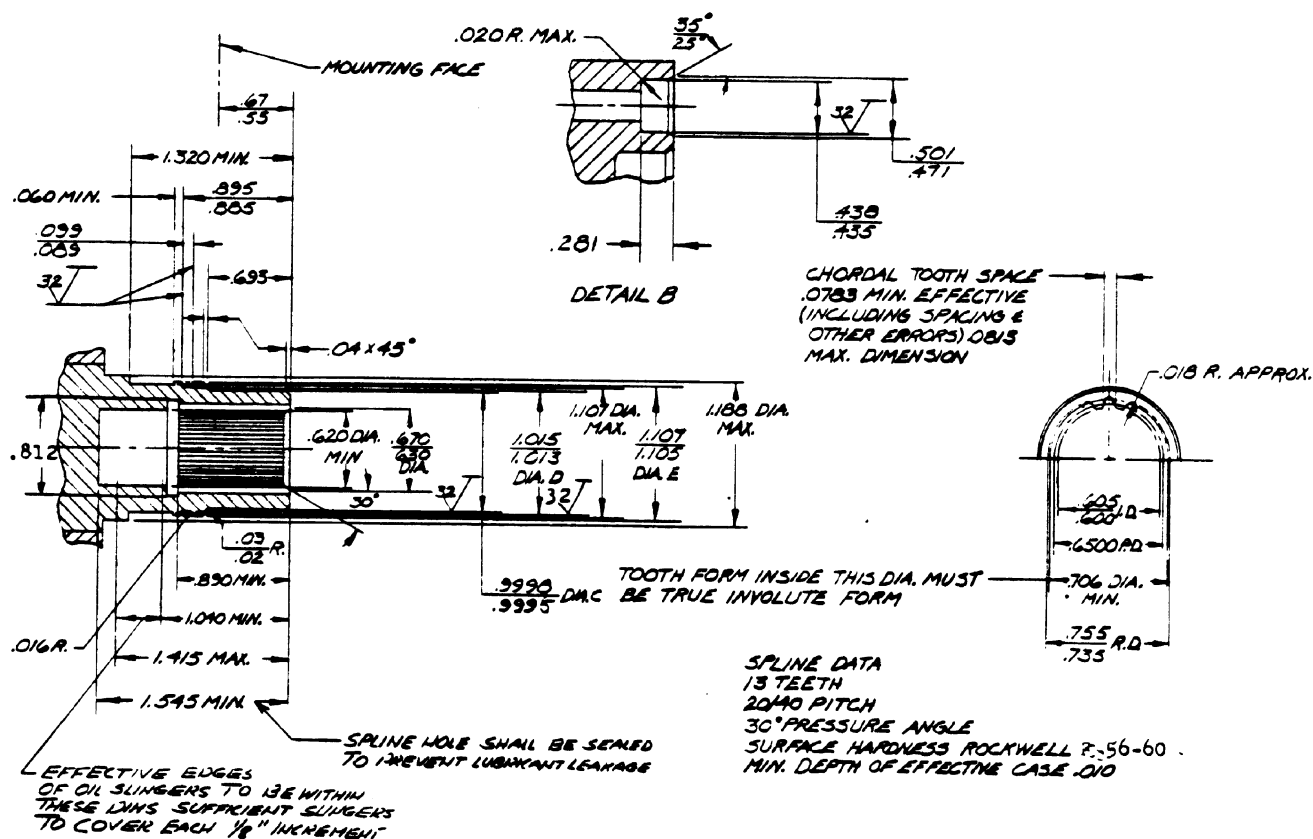
SAE WEB ADDRESS: <http://www.sae.org>



Documents

Document Sharing Hub

SAE AS533 Revision A



DIA C MUST BE CONCENTRIC WITH SPLINE PD WITHIN .004 FIR.

DIA D MUST BE CONCENTRIC WITH DIA E WITHIN .002 FIR.

DIA E MUST BE CONCENTRIC WITH DIA C WITHIN .002 FIR.

"O" RING SIZE: CROSS SECTION, .067-.073; I. D. ACTUAL, .983-.995; O. D. NOMINAL 1.125.

PREPARED BY SAE COMMITTEE AE-1, ENGINE ACCESSORY INSTALLATIONS