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Circular Accessory Flange and Drive 10.5” P.C.D. x 1.125”

NOTE: The issue status of this document remains unchanged as there have been no changes to the technical content.

SAE INDUSTRY TECHNOLOGIES CONSORTIA AEROSPACE STANDARDS AND PART QUALIFICATION PROGRAM

FOREWORD

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The legal obligations and copyright authority of all Aerospace Standards that were issued by the ADS Group Limited are therefore assigned / transferred to the SAE ITC.

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All references to Standards include reference to RS and TS publications.

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Full document details: SAE RS320-2

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DRG & PART Nº R.S.320 SHEET 1.

ISSUED IN ACCORDANCE WITH THE TERMS OF THE FORSWORD TO SBAC AEROSPACE INDUSTRY STANDARDS

WHERE INTERNAL OIL LUBRICATION IS SUPPLIED FROM THE ENGINE OR GEARBOX, 4 RECEIVING POSITIONS MUST BE PROVIDED.

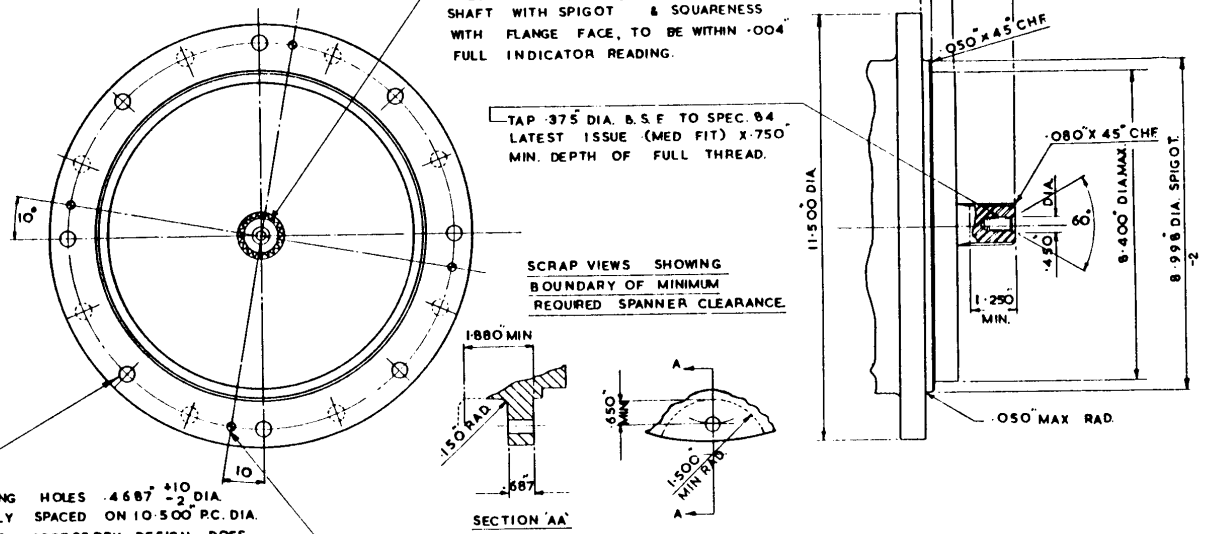
AN EFFICIENT VENTED OIL SEAL MUST BE INCORPORATED WHERE THE ACCESSORY, GEARBOX, OR ENGINE REQUIRES PROTECTION AGAINST THE INGRESS OR EGRESS OF OIL OR OTHER FLUID.

SEE SHT. 2 FOR PARTICULARS OF MOUNTING PAD

SERRATIONS TO B.S. SPEC. A.19 (COARSE) 1·125" NOMINAL SIZE, CONCENTRICITY OF SHAFT WITH SPIGOT & SQUARENESS WITH FLANGE FACE, TO BE WITHIN ·004" FULL INDICATOR READING.

TAP ·375" DIA. B.S.F. TO SPEC. 84 LATEST ISSUE (MED FIT) X ·750" MIN. DEPTH OF FULL THREAD.

SCRAP VIEWS SHOWING BOUNDARY OF MINIMUM REQUIRED SPANNER CLEARANCE.



16 FIXING HOLES ·4687" +10 -2 DIA. EQUALLY SPACED ON 10·500" P.C. DIA. UNLESS ACCESSORY DESIGN DOES NOT PERMIT, IN WHICH CASE 8 HOLES WILL SUFFICE. HOLES TO BE WITHIN ·006" OF TRUE POSITION. SPANNER CLEARANCE MUST BE PROVIDED AS SHOWN. THE SPECIFIED FLANGE THICKNESS NEED BE MAINTAINED ONLY IN THE REGION OF THE HOLES.

4 EQUALLY SPACED OIL HOLES POSITION INDICATED IN RELATION TO THE FIXING HOLES.

MAXIMUM RUNNING TORQUE = 240 LBS FT

LIMITS NOT SHOWN.	± 10	FIRM DRAWN & CHECKED BY	TECHNICALLY APPROVED FOR S.B.A.C. LTD		
PROTECTIVE TREATMENT		ENGLISH ELECT	DATE 4.4.47	REF	DESCRIPTION / PART Nº
FINISH			A.D.M. 375 APPROVAL / DATE		
TOLERANCE UNIT.	·001"		APPLIED FOR	TITLE	CIRCULAR ACCESSORY FLANGE & DRIVE 10·5" P.C.D. X H.25"
ISSUE			A.M. APPROVAL	SCALE	1/2
MOD Nº			A.M. REF	SIZE	DRG & PART Nº R.S. 320 SHEET 1
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