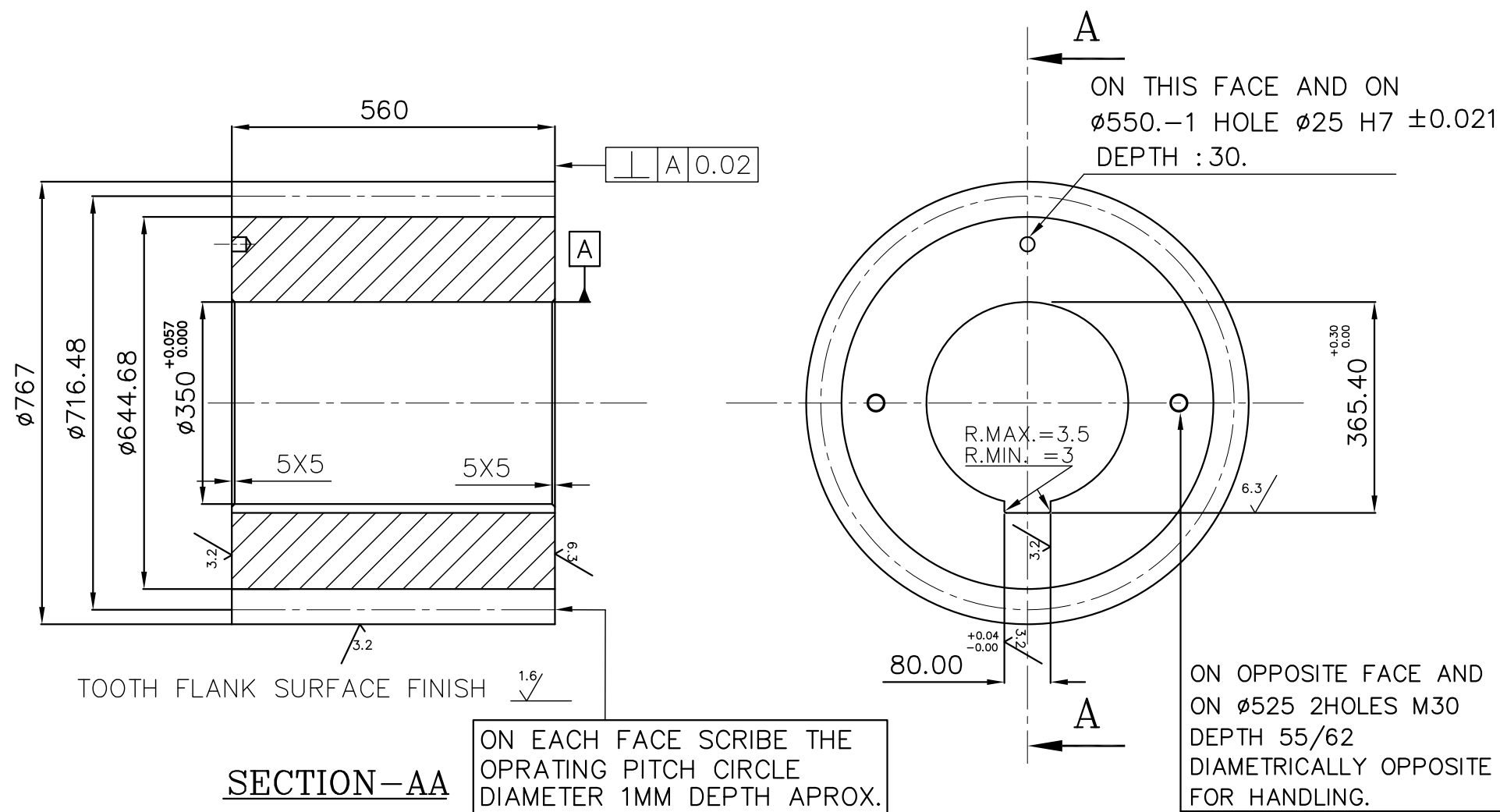


DRG.NO. 3-62-221-00049

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MODULE	25.50
NUMBER OF TEETH	28
PRESSURE ANGLE	25°
CENTRE DISTANCE	3045
ADDENDUM COEFFICIENT	+1.00
ADDENDUM	26.45
DEDENDUM	34.66
TOOTH DEPTH	61.11
NORMAL TOOTH THICKNESS AT TIP	13.72 ^{±0.1}
NORMAL TOOTH THICKNESS AT ROOT	59.06 ^{±0.1}
CHORDAL TOOTH THICKNESS AT,h=27.02	41.00
BASE TANGENT LENGTH OVER 4 TEETH	274.40 ^{-1.048} _{-1.168}
NORMAL BACKLASH	MAX. 0.97 MIN. 0.60
MATING GEAR -NUMBER OF TEETH	210
PITCH ON REFERENCE CIRCLE	80.11
ACCURACY TO BE STANDARD	DIN 3961:1978
GRADE	4
ADJACENT PITCH ERROR	0.056
CUMULATIVE PITCH ERROR OVER 1/2 CIRCUMFERNECE	0.162
TOLERANCE ON RADIAL RUN OUT OF TEETH	0.178
TOLERANCE ON TOOTH PROFILE	0.063

FILE NAME
REF.DRG.NO.
INVENTORY NO.

ITEM NO	DESCRIPTION	DRAWING NO.	VAR. NO.	RAW MATERIAL SIZE OR CASTING DRG.NO. OR FORGING DRG.NO.	MATERIAL CODE	NET WT.	GROSS WT.
					MATERIAL SPECN.	QUANTITY	

THE FOLLOWING CONDITIONS APPLY EXCEPT OTHERWISE STATED...

- REF.TO HY0230261 FOR UI TOLERANCES.
- CHAMFER M/CD SHARP ED 1.2 TO 1.0 AT 45°.
- INTERNAL M/CD CORNER RADII 1 TO 0.7.
- THE SURFACE ROUGHNESS WHEREVER NOT SHOWN SHALL BE TAKEN FROM THE SURFACE ROUGHNESS SHOWN OUT SIDE BACK SLASHES GIVEN AT THE TOP MOST RIGHT CORNER OF THE DRG.

TYPE OF PRODUCT **WET BALL MILL**
OR
NAME OF CUSTOMER/PROJECT

DEPT. PULVE.ENGG	SCALE 1:1	WEIGHT (KG) 1550	REF. TO ASSY DRG.	ITEM NO.	NO.OF ITEMS
CODE 446	TITLE PINION		DRAWING NO. 3-62-221-00049	REV. 00	
			SHEET NO. 01	NO OF SHEETS 01	

REV.	DATE	ALTERED		REV.	DATE	ALTERED	
		CHD.	APPD.			CHD.	APPD.
ZONE				ZONE			