

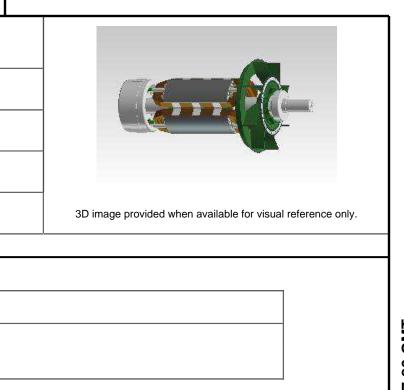
6	5		4	3		2	1	-		
		THE	T STIFFNESS:- STIFFNESS OF TH					H		
155	4	FIGU		ISION¢IS OF MAIN ROT	I.6058 x IO OR CORE IS	⁶ kgcm/ro NOT INCL	adian UDED IN THIS			
	SHAFT EXTN	MINI MINI STEE SHAF			m ² 006	ORITIES	WHEN	G		
	3. MAXIMUM RECOMMENDED VIBRATORY STRESS LEVEL IN THE SHAFT									
		IS 34.47 x 10 ⁶ N/m ² OF 0.95 TO I.I x NOMINAL SPEED, AND 68.94 x 10 ⁶ N/m ² FOR RUN THROUGH CONDITIONS,FOR INDUSTRIAL MACHINES.FOR MARINE AUTHORITIES, THEIR APPROPRIATE RULES WILL APPLY CUMMINS GENERATOR TECHNOLOGIES LTD SHOULD BE NOTIFIED OF ANY ROTORS NOT COMPLYING WITH THESE RULES								
		WITH	CUMMINS GENERATOR ECHNOLOGIES LTD BALANCE ROTORS TO COMPLY WITH INTERNATIONAL STD ISO 1940 PARTS I AND 2.BALANCE							
Ø 45	Ø 42	5. FOR	GRADE 2.5 FOR UNBALANCED MAGNETIC PULL (U.M.P.) PLEASE CONTACT CUMMINS GENERATOR TECHNOLOGIES LTD WR ²							
	└─► A		COMPC) N E N T	MASS (Kg)	(Kgm ²)				
			SHA	\FT	10.383	0.0036				
			F A		0.708	0.0069		D		
38	82		MAIN EXCITER	ROTOR	35.678 5.85	0.1480				
			TOT	AL	52.619	0.1855				
			-							
			TO CONVERT	TO	DIVIDED B'	Ý		с		
			K g K gm ²	lb lbft ²	0.453592					
			Kgcm/rad	lb in/rad	1.1521246	—				
			N / M ²	lbf/in ²	6894.76					

DRAWING SPECIFICATION DESCRIPTION SOL2-U,4P,2B

	PART REVISION: A		^ '	^	T 1	ı •	
IT,GENERATOR ROTOR TORSIONAL			Lummi	ns Generator	l echno	logies	ummins
LINE				are in: MILLIMETERS		U	Cur
	SHEET: 1 OF 2			ARE IN: -	SIZE: A2	SCALE:1:6	®
ATION: CUMMINS CONFIDENTIAL							
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4			3			2		
	2	Part Number: A077X828						
	cummins	Change Notice	CN00162020	Alternates				
D	CUL	Manufacturer Part (ME	P) No	Usage	Production Only			
	®	Release Phase Code	Production (P)	Drawing	Number: DS47164358			
		External Regulations	No External Regulation	Specification	Revision: A			
	Drawing Revision Information							
	Description of Change(s) Note: Change information is provided for	reference only and does no	t supersede the drawing's primary content.					
	SEE CHANGE NOTICE.							
С	PRODUCTION RELEASE							
	Drawing Authorization							
	Drafter Aishwarya Rajaram S	Shelar		Date	30APR2025			
	Checker Kuldeep Dilip Pawar			Date		_		
	Approver Alin Dumitru Visian			Date	02MAY2025			
В								
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	4		3			2		



Part Number: A077X828 Part Revision: A EMENT, GENERATOR ROTOR TORSIONALCategory: Outline State: ReleasedSheet 2 of 2 Sheet 2 of 2