

	5		4	3			2	1	
	Y Y S P A C E R	NOTES: I.SHAF THE AND (STI THIS	T STIFFNESS STIFFNESS OF THE COUPLING FFENING EFFE FIGURE)	: THE SHA G HUB FAC ECT OF MA	FT BETW E IS 52 IN ROTC	VEEN THE 2.27 x I DR CORE	MAIN ROT O ⁶ kgcm/r IS NOT IN	OR CORE¢_ adian ICLUDED IN	н
		2.5HAF MINII SHAF WHEN 3.MAXII IS 3 NOMI	MUM YIELD :2 MUM ULTIMATE T MATERIAL APPROPRIATE MUM RECOMMEN 4.47 X IO ⁶ N	S: 260MPA E TENSILE IS APPROV E NDED VIBR N/m ² FOR ND 68 94	STRENG ED BY M ATORY S A SPEED X 10 ⁶	TH : 53 IARINE A TRESS L RANGE N/m ² FO	OMPA UTHORITIE EVEL IN T OF 0.95 T R RIIN THR	S The Shaft To I.I X	G
HUBFACE		COND 4.FOR APPL 5.CUMM ANY 6.CUMM WITH PART	ITIONS, FOR MARINE AUTHO Y INS GENERATO ROTORS NOT O INS GENERATO INTERNATION I GRADE 2.5	INDUSTRI DRITIES, DR TECHNO COMPLYING DR TECHNO NAL STD I 5	AL MACH THEIR A WITH T _OGIES SO I940	LTD SHC HESE RU BALANCE GRADE	ATE RULES ULD BE NC LES ROTORS T 2.5 AND B	WILL TIFIED OF O COMPLY S 6861	F
Ø 140.2	Ø 120 Ø 280 Ø X X	CONT	ACT CUMMINS	GENERATO	R TECHN	IOLOGIES	LTD	LAJL	E
37	COMP 35 EX. MAIN F	PONENT ROTOR ROTOR FAN	WT (Kg) 36.920 440.586 20.143	WR ² Kgm 0.56 9.25 0.85	2 0 3 7 9 6 3 TO C	CONVE	ERSION FAC	CTORS	D
	SH P.M.E P.M.ST TC	HAFT HUB X.ROTOR FUB SHAFT DTAL	146.603 49.222 4.014 0.860 698.347	0.32 0.60 0.01 0.00 11.61	49 33 17 Kgc 37 N	Kg gm ² m/rad /m ²	Ib ft ² Ibin/rad Ibf/in ²	0.453592 0.04214 1.1521246 6894.76	C
AE No I 4 I 8	X X 467 572	YY 30.200 20.675	WEIGHT() 17.98	(g) 4	- PLATES 883 779	S (kgcm) .2 X 10 ⁶ .8 X 10 ⁶	/rad) / >	NR ² (Kgm ²) 0.174 0.396	B
					DRAWING	SPECIFIC	CATION DESC	CRIPTION	

S5 H-CORE I-BRG 4-POLE

	PART REVISION: B		^		Constant	Taala				:05	
,GENERATOR ROTOR TORSIONAL		Lummi	ns	Generator	I ecn	Ino	logies		Innini		
INE			A D E	IN MILLIMETERS			0	-	Cur		
	SHEET: 1 OF 2			ARE	IN. HILLIMLILIUS	SIZE: 🆊	2	SCALE: : 3		®	
TION: CUMMINS CONFIDENTIAL							 				/
MATION SHOWN THEREON) IS CONFIDENTIAL AND PROPRIETARY		DIMENSIONING AND IOLERANCING PER:						CAD SYSTEM			
O OTHERS IN HARD COPY OR ELECTRONIC FORM, REPRODUCED V PURPOSE WITHOUT WRITTEN CONSENT OF CUMMINS INC.		ASME YI4.5-2009		THIRD ANGLE PROJECTION		PTC®	Creo® Parametric				
6	5	4			3			2		1	

4			3		2					
			Part Number: A075Z531							
cumminu		Change Notice	CN00167696	Alternates	3					
		Manufacturer Part (ME	P) No	Usage	Pro	oduction Only				
		Release Phase Code	Production (P)	Drawing	ion Nu	umber: DS47148048				
		External Regulations	No External Regulation		Re	evision: B				
Drawing Revis	sion Information									
Description of C Note: Change inf	Change(s) formation is provided for i	reference only and does not	t supersede the drawing's primary cor	ntent.						
1) MOMENT O	F INERTIA & STIFFN	ESS VALUE UPDATES	<u>.</u>							
	IVE CHANGE(S) TO I	PART ATTRIBUTES, BIL	L OF MATERIAL, OR ASSOCIAT	ED SPECIFICATION	NS.					
Drawing Auth	orization									
Drafter	Junzhe Wang				Date	17FEB2025				
Checker	Milo Chen			17FEB2025						
Approver	Alin Dumitru Visian			18FEB2025						
Cummins Data	Classification: Th	is document (and the info	prmation shown thereon) is							
Cummins Cor	nfidential Co in for	hard copy or electronic for any purpose without wri	ary and shall not be disclosed to o orm, reproduced by any means, or tten consent of Cummins Inc.	others r used			Part Name: ARRANG Drawing			

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С

В

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Part Number: A075Z531 Part Revision: B GEMENT,GENERATOR ROTOR TORSIONAL ng Category: Outline State: Released Sheet 2 of 2