



COUPLING ASSEMBLY	G	m [kg]	J [kgm ²]	DISC STIFFNESS MULTILAYER (5 PLATES) [Nm / rad]
SAE 14	40	37	0.68	1.98 x 10 ⁸
SAE16	45	40	0.90	1.75 x 10 ⁸
SAE 18	35	43	1.22	1.63 x 10 ⁸

TYPE	DIMENSIONS mm					FAN		SHAFT		MAIN CORE		EXCITER CORE		TOTAL	
	A	B	C	L	LP	K g	J Kgm ²	Kg	J Kgm ²	Kg	J Kgm ²	Kg	J Kgm ²	Kg	J Kgm ²
SA4	1115.5	530	611	1155	365	12	0.369	126	0.296	308	7.124	21.4	0.199	467.4	7.988
SB4		565			440					365	8.442			524.4	9.306
MA4	1355.5	630	851	1385	570			157	0.377	463	10.709	27	0.251	659	11.706
MB4		670			650					525	12.143			721	13.140

SHAFT STIFFNESS WITH HUB INCLUDED (NO DISC)		
SIZE	WITH HUB FOR SAE 14 [MNm / rad]	WITH HUB FOR SAE 16 & SAE 18 [MNm / rad]
SA	7.55	7.59
SB	7.01	7.03
MA	6.18	6.20
MB	5.76	5.77

THE SHAFT STIFFNESS IS REFERRED TO DIMENSION "B" INCLUDING THE HUB OF COUPLING. DISC IS CALCULATED AS SINGULAR (tk 7.5)

E	UPDATE TABLE	D.Ferraro	F.Saggin	I.Graizzaro	07/10/2020
D	ADDED STIFFNESS DATA	D.Pegoraro	F.Saggin	I.Graizzaro	05/02/2020
C	ADDED DIMENSION LP	A.Rizzetto	F.Saggin	G.Peruzzi	14/05/2019
REV	DESCRIPTION	PREP'D	CHK'D	APPR'D	DATE
ECO:	COMPONENT SUPPLIED IN ACCORDING TO:	MAT:		IND. ENG. CHK'D:	
JOB:	SURFACE TREATMENT: HEAT TREATMENT:	RAW MAT.CODE:		S.Fanton	
		DIMENSIONS WITHOUT TOLERANCES PRECISION DEGREE: (TN F 3661)			
		SCALE: 1:1		WEIGHT (kg): n/a	

SINGLE BEARING GENERATORS MJB 355 TORSIONAL ANALYSIS DATA			M00AV420A		E Rev	SHEET: 1 OF: 1
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