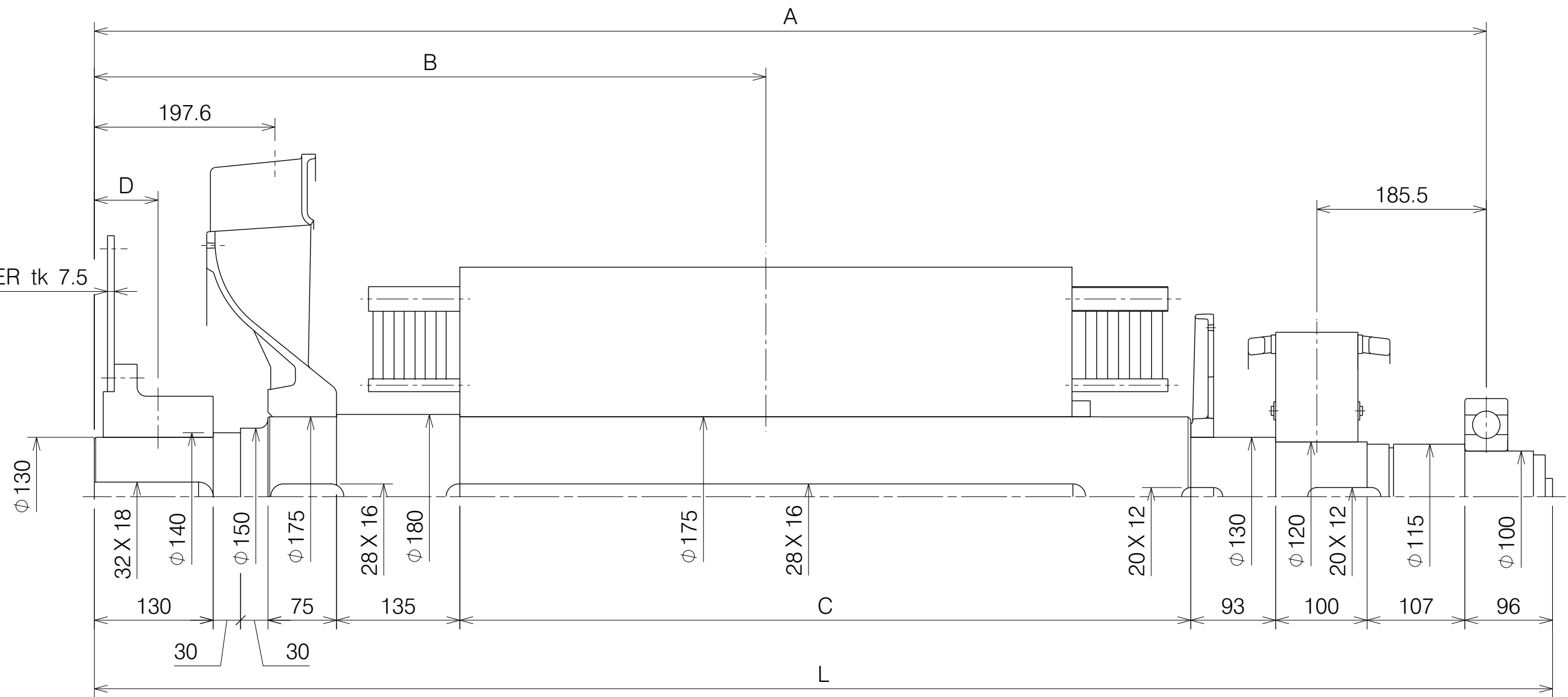


MULTILAYER tk 7.5



TYPE	SIZE	DIMENSIONS IN mm				FAN		MAIN CORE (SHAFT INCLUDED)		EXCITER CORE		TOTAL	
		A	B	C	L	m [kg]	J [kgm ²]	m [kg]	J [kgm ²]	m [kg]	J [kgm ²]	m [kg]	J [kgm ²]
450 / 4	MB	1523.5	735	800	1596	20	1132	1090	31.55	60	1.094	1170	33.80
	LA	1703.5	775	980	1776			1220	34.78			1300	37.00
	LB		825					1338	38.65			1418	40.90

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

COUPLING ASSEMBLY	D	m [kg]	J [kgm ²]	DISC STIFFNESS MULTILAYER (5 PLATES) [Nm / rad]
SAE 18	40	57	1.6	1.63×10^8
SAE 21	35	65	2.6	1.65×10^8

SHAFT STIFFNESS WITH HUB INCLUDED (NO DISC)		
SIZE	WITH HUB FOR SAE 18 [Nm / rad]	WITH HUB FOR SAE 21 [Nm / rad]
MB	10.32	10.26
LA	9.76	9.71
LB	9.14	9.09

E	UPDATE TABLE	G.Sartori	F.Saggin	I.Graizzaro	04/09/2020
D	ADDED STIFFNESS DATA	D.Pegoraro	F.Saggin	I.Graizzaro	27/01/2020
C					
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:			
	DIMENSIONS WITHOUT TOLERANCES PRECISION DEGREE: (TN F 3661)		DIMENSION: mm SCALE: 1:5	WEIGHT (kg): n/a	ATEX APPR'D:
TORSIONAL ANALYSIS DATA MJB 450 SINGLE BEARING GENERATORS			M00AV638A	E	SHEET: 1 OF: 1
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