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MXB 180 LA4

Reference: _____

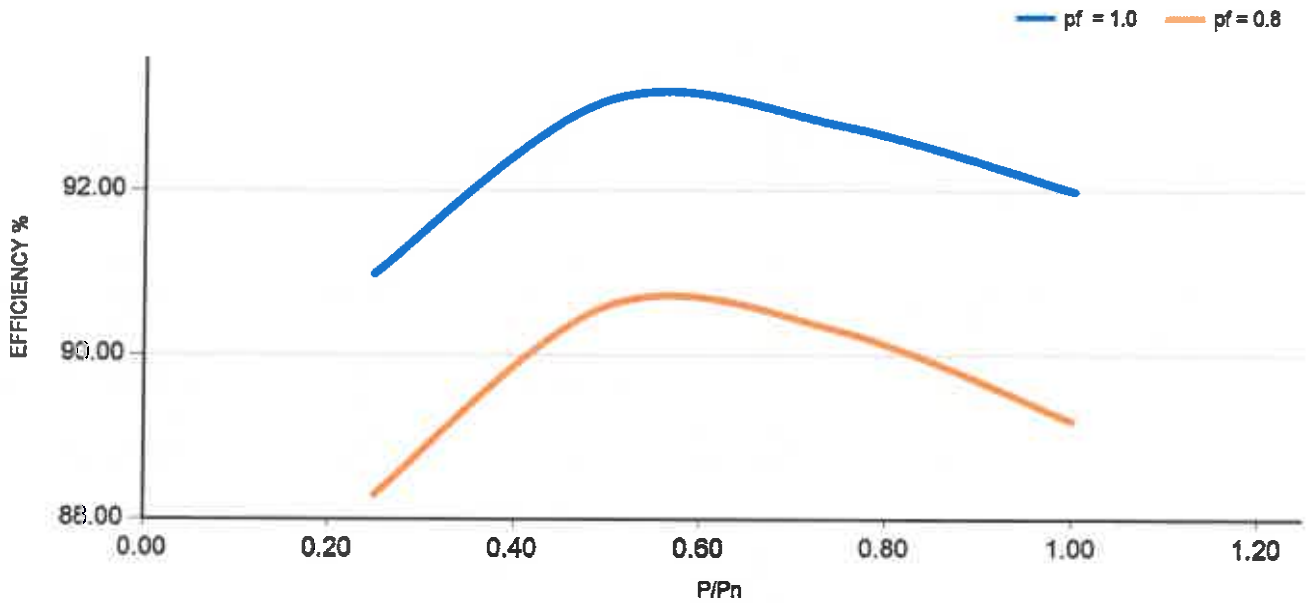
CLASSE DI SOVRATEMPERATURA - TEMPERATURE RISE CLASS	H		
CLASSE DI ISOLAMENTO - INSULATION CLASS	H		
PASSO DI AVVOLGIMENTO - WINDING PITCH	2/3		
FORMA COSTRUTTIVA - MOUNTING	B2		
TEMPERATURA AMBIENTE (°C) - AMBIENT TEMPERATURE (°C)	40		
ALTITUDINE (m s.l.m.) - ALTITUDE (m a.s.l.)	1000		
SISTEMA DI RAFFREDDAMENTO - COOLING SYSTEM / PROTEZIONE - PROTECTION DEGREE	IC01 / IP23		
FATTORE DI POTENZA - POWER FACTOR	0.80		
NUMERO DI POLI - NUMBER OF POLES	4		
VELOCITA' NOMINALE (r.p.m.) - RATED SPEED (r.p.m.)	1500		
SOVRAVELOCITA' (r.p.m.) - OVERSPEED (r.p.m.)	2250		
NUMERO DI TERMINALI - NUMBER OF TERMINALS	12		
PESO (kg) - WEIGHT (kg)	Approx. 210		
MOMENTO D'INERZIA (J) (kg*m²) - INERTIA (J) (kg*m²)	Approx. 0.39		
TEMPERATURA ACQUA RAFFREDDAMENTO (°C) - COOLING WATER TEMPERATURE (°C)			
PORTATA D'ACQUA (m³/h) - WATER FLOW RATE (m³/h)			
CADUTA DI PRESSIONE (kPa) - PRESSURE DROP (kPa)			
AUMENTO TEMPERATURA ACQUA (°C) - WATER TEMPERATURE INCREASE (°C)			
TA DI CENTRO STELLA - NEUTRAL POINT CURRENT TRANSFORMER			
CUSCINETTI - BEARINGS			
FREQUENZA - FREQUENCY	Hz	50	
TENSIONE - VOLTAGE	V	400	
CORRENTE NOMINALE - RATED CURRENT	A	72.2	
POTENZA - RATING	kVA	50	
RENDIMENTO - EFFICIENCY - (%)	4/4	92.0	
P.F. = 1.0	3/4	92.8	
	2/4	93.1	
RENDIMENTO - EFFICIENCY - (%)	4/4	89.2	
P.F. = 0.8	3/4	90.3	
	2/4	90.6	
Rapporto di corto circuito - short circuit ratio	SCR	0.46	
reattanza - reactance (%)	sincrona diretta - synchronous direct axis	X _{d uns}	291
	sincrona in quadratura - synchr. quadrature axis	X _{q uns}	162
	transitoria diretta - transient direct axis	X' _{d sat}	26.3
	transitoria in quadratura - transient quadrature axis	X' _{q uns}	162
	subtransitoria diretta - subtransient direct axis	X'' _{d sat}	11.4
	subtransitoria in quad. - subtransient quadr. axis	X'' _{q sat}	14.1
	di sequenza negativa - negative sequence	X _{2 sat}	12.7
	di sequenza zero - zero sequence	X _{0 sat}	2.4
costanti di tempo - time constants (s)	a vuoto - open circuit	T' _{do}	0.600
	transitoria - transient	T' _d	0.050
	subtransitoria - subtransient	T'' _d	0.010
	unidirezionale - armature	T _a	0.009
Coppia di corto circuito bifase - Phase to Phase short circuit torque	kN*m	4.2	
Coppia di corto circuito trifase - Three phase short circuit torque	kN*m	2.8	

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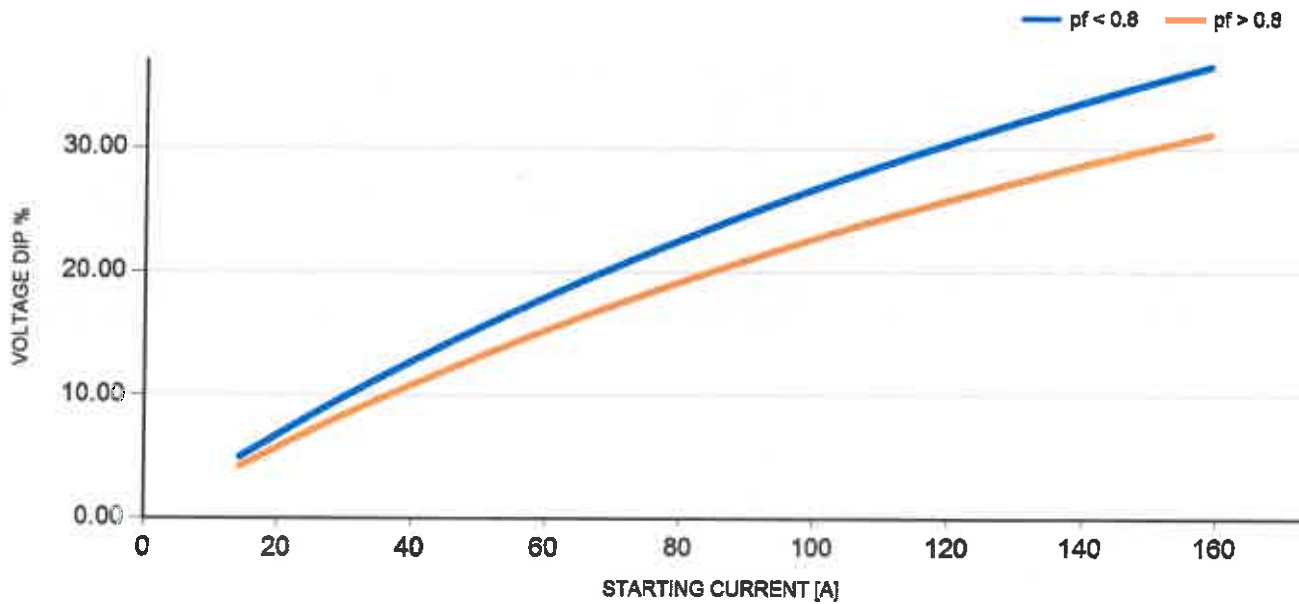
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CURVA DI RENDIMENTO - EFFICIENCY CURVE



CADUTA DI TENSIONE - VOLTAGE DIP

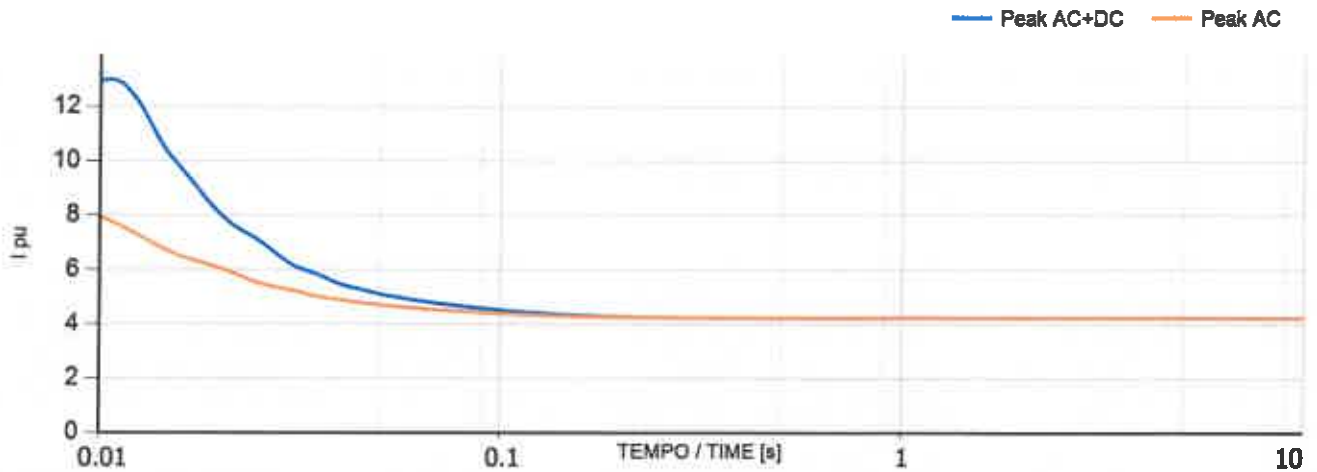


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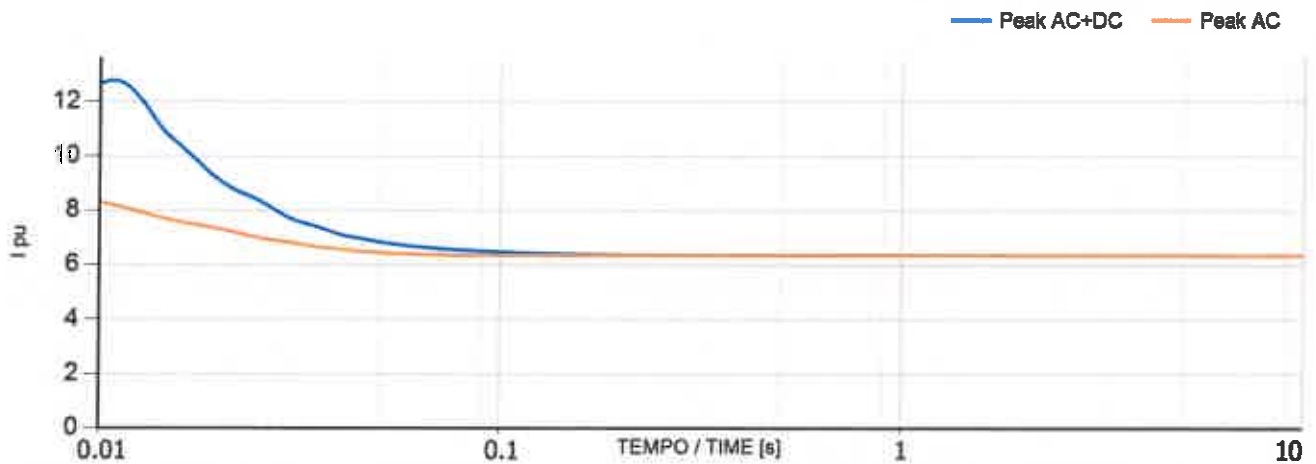
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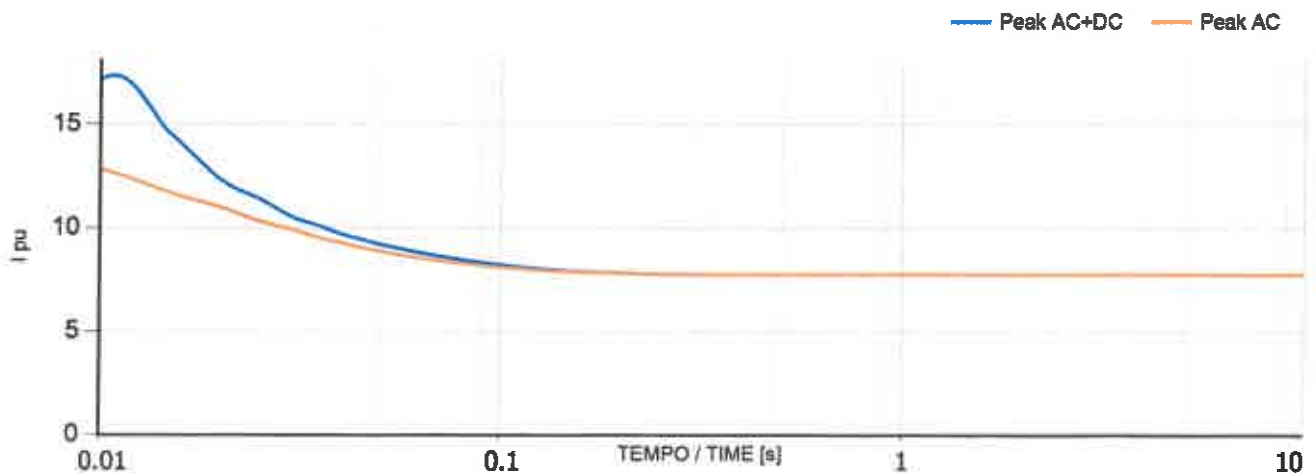
3 - PHASE SHORT CIRCUIT DECREMENT CURVE



2 - PHASE SHORT CIRCUIT DECREMENT CURVE



1 - PHASE SHORT CIRCUIT DECREMENT CURVE

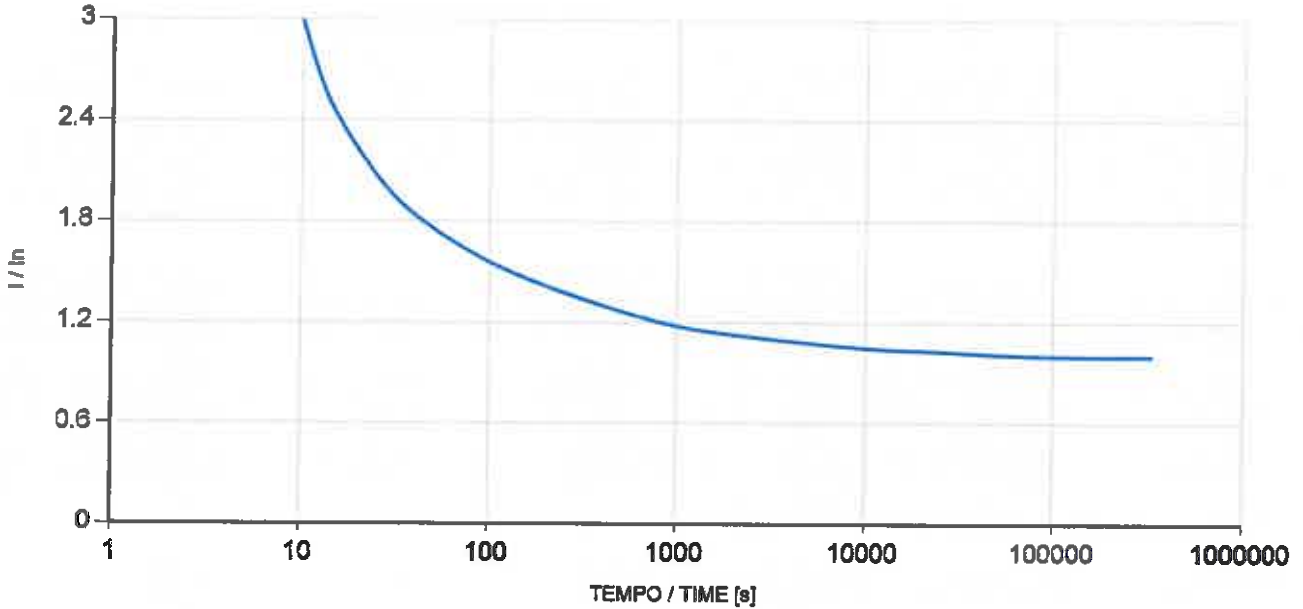


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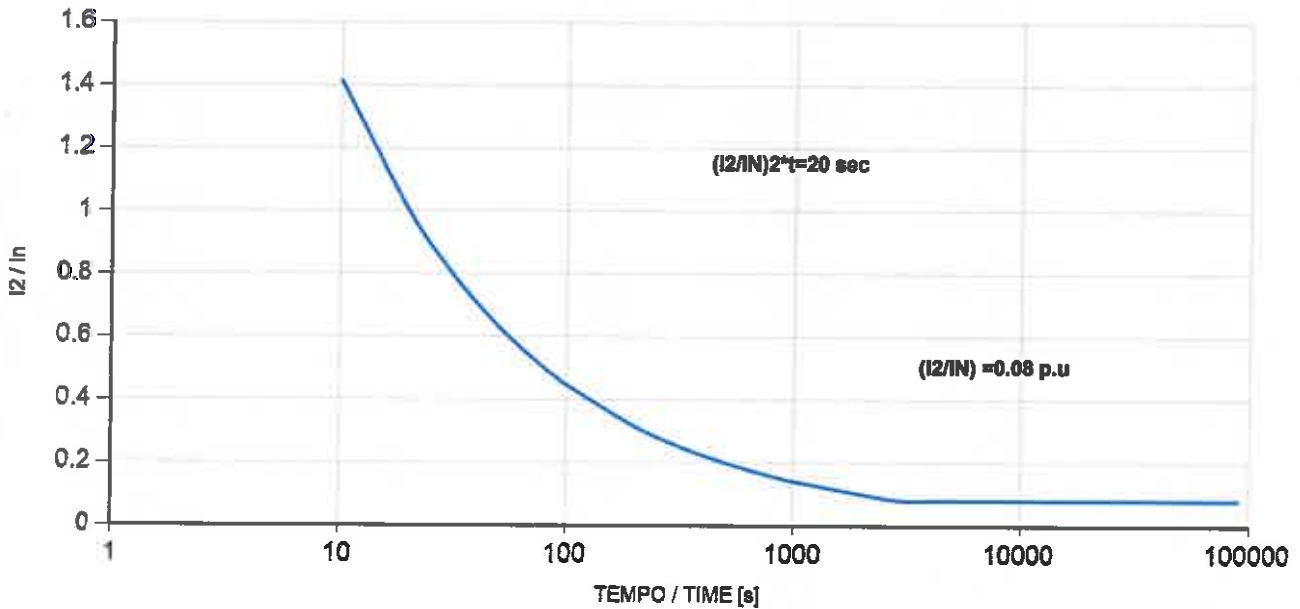
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CURVA DI LIMITE TERMICO - THERMAL DAMAGE CURVE



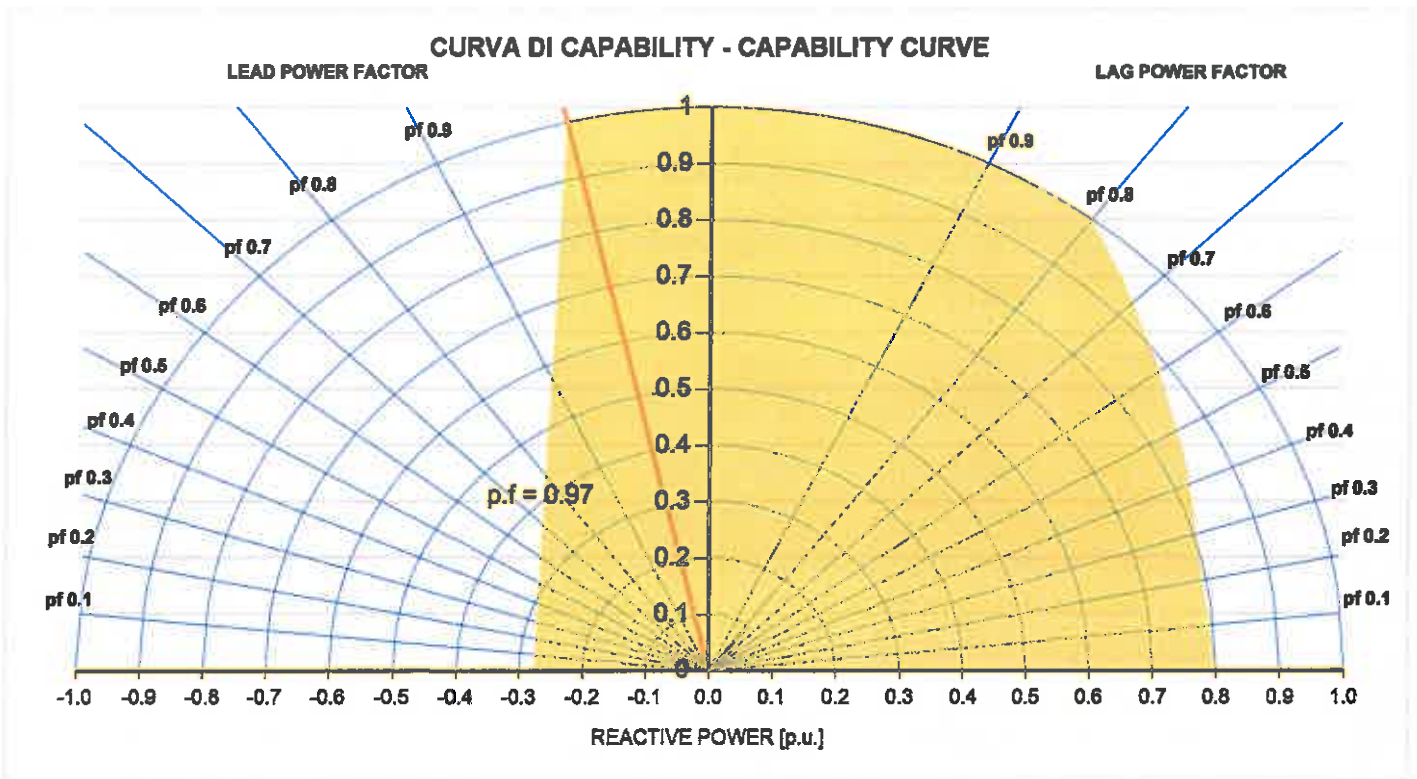
CORRENTE SEQUENZA INVERSA - NEGATIVE SEQUENCE CURRENT

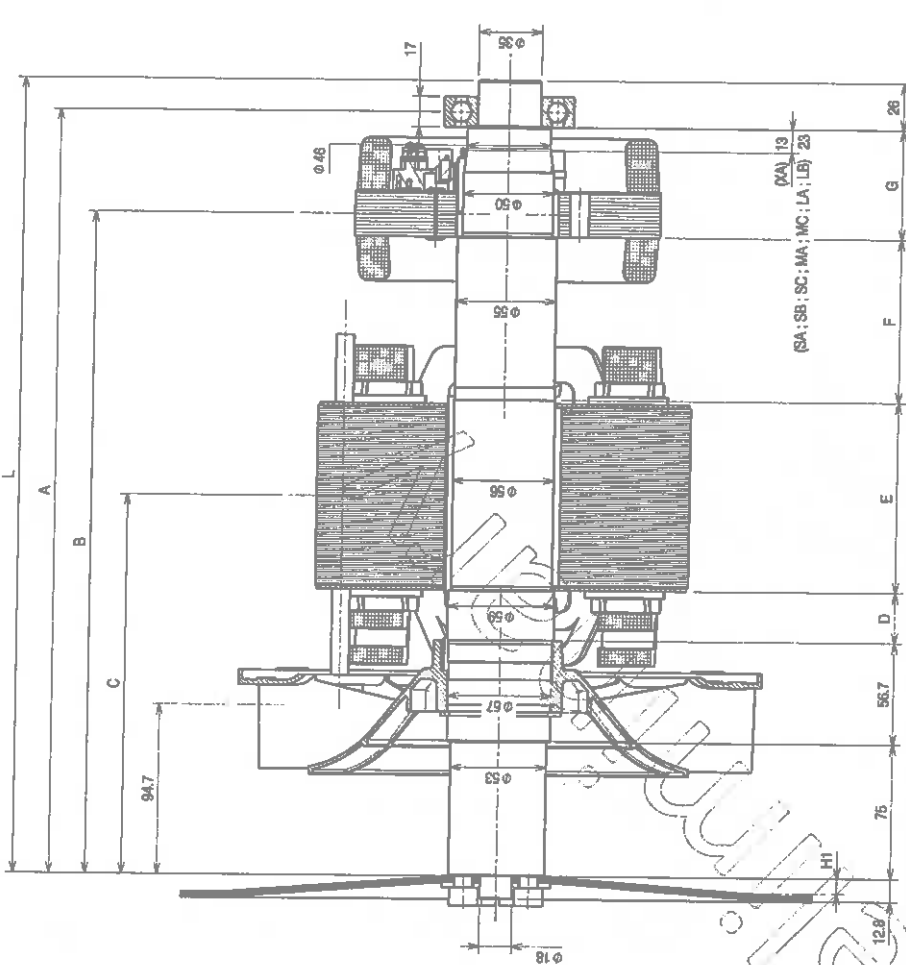


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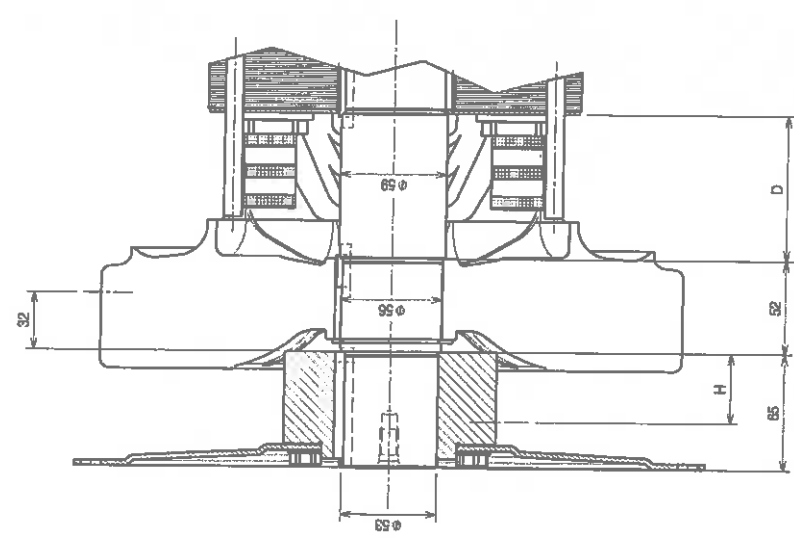
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REFERENCE FOR SIZES: XA - SA - SB - SC

COUPLING	H1	m [kg]	J [kgm ²]
SAE 6 1/2	2	0.64	0.005
SAE 7 1/2	2	1	0.008
SAE 8	19.1	1.4	0.012
SAE 10	25.6	1.8	0.022
SAE 11 1/2	7.5	2.3	0.036



REFERENCE FOR SIZES: MA - MC - LA - LB

COUPLING	H	m [kg]	J [kgm ²]
SAE 6 1/2	32.5	4.5	0.013
SAE 7 1/2	33.4	4.8	0.015
SAE 8	36.5	5.1	0.02
SAE 10	42	5.6	0.031
SAE 11 1/2	36.8	6	0.043

SIZE	DIMENSIONS mm											FAN	SHAFT	MAIN CORE	EXCITER CORE	TOTAL						
	A	B	C	D	E	F	G	L	L	L	L											
XA	428.5	368.7	212.2	106	91	61	443.7															
SA		224.7																				
SB	496.7	434.7	234.7	28	178	71	513.7	0.5	0.009	8.73	7.67	28.5	0.161	7.72	0.038	44.4	0.211					
SC		247.2																				
MA	484.5	427.5	205	56	216	81	512			9.96	10.6	48.7	0.275	9.24	0.044	53.1	0.251					
MC		215										53.8	0.303				57.5	0.276				
LA	589.5	532.5	245	81	276	101	617	1.85	0.017	12	12.1	58	0.315	10.8	0.05	71.8	0.346					
LB		270										66.8	0.376				80.5	0.368				

REV	DESCRIPTION	DATE	BY	CHKD
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