

**MJB 315 MB4**

Project: \_\_\_\_\_

Reference: \_\_\_\_\_

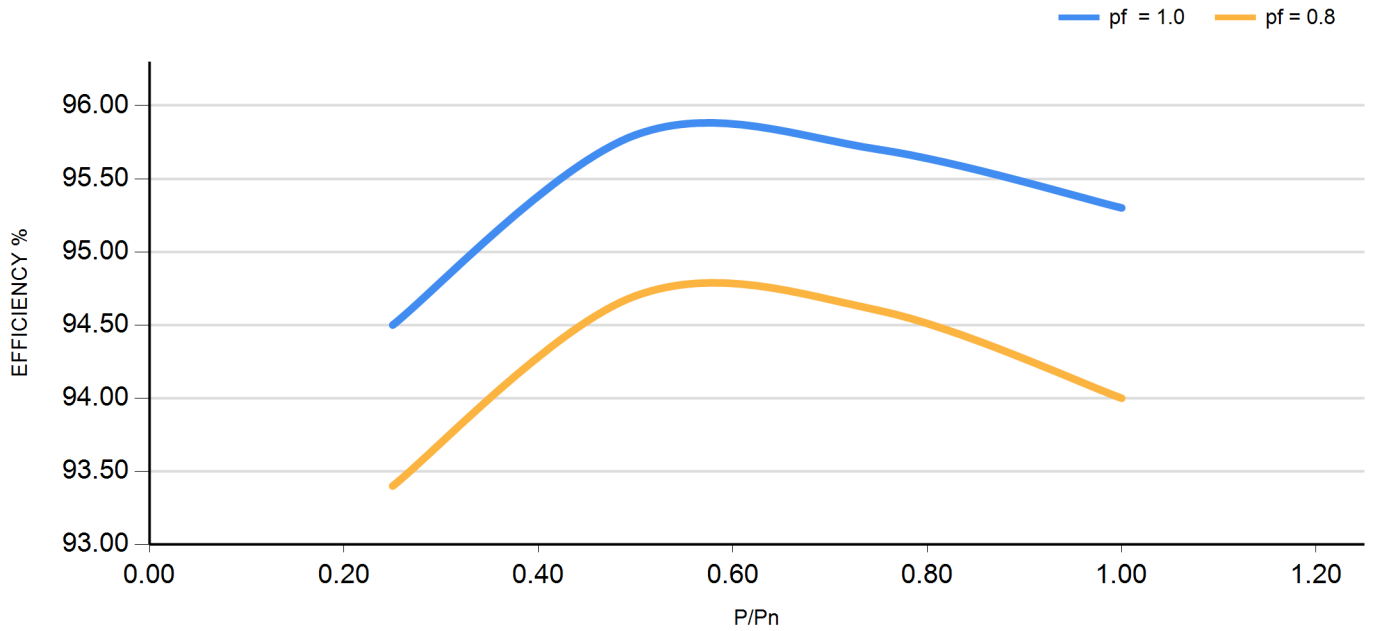
CLASSE DI SOVRATEMPERATURA - TEMPERATURE RISE CLASS	H		
CLASSE DI ISOLAMENTO - INSULATION CLASS	H		
PASSO DI AVVOLGIMENTO - WINDING PITCH	2/3		
FORMA COSTRUTTIVA - MOUNTING	B20		
TEMPERATURA AMBIENTE (°C) - AMBIENT TEMPERATURE (°C)	40		
ALTITUDINE (m s.l.m) - ALTITUDE (m a.s.l.)	1000		
SISTEMA DI RAFFREDDAMENTO - 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. 1200		
MOMENTO D'INERZIA (J) (kg*m <sup>2</sup> ) - INERTIA (J) (kg*m <sup>2</sup> )	Approx. 5.68		
TEMPERATURA ACQUA RAFFREDDAMENTO (°C) - COOLING WATER TEMPERATURE (°C)			
PORTATA D'ACQUA (m <sup>3</sup> /h) - WATER FLOW RATE (m <sup>3</sup> /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	649.5	
POTENZA - RATING	kVA	450	
RENDIMENTO - EFFICIENCY - (%)	4/4	95.3	
P.F.= 1.0	3/4	95.7	
	2/4	95.8	
RENDIMENTO - EFFICIENCY - (%)	4/4	94.0	
P.F.= 0.8	3/4	94.6	
	2/4	94.7	
Rapporto di corto circuito - short circuit ratio	SCR	0.40	
reattanza - reactance (%)	sincrona diretta - synchronous direct axis	X <sub>d</sub> uns	330
	sincrona in quadratura - synchr. quadrature axis	X <sub>q</sub> uns	184
	transitoria diretta - transient direct axis	X' <sub>d</sub> sat	29.9
	transitoria in quadratura - transient quadrature axis	X' <sub>q</sub> uns	184
	subtransitoria diretta - subtransient direct axis	X'' <sub>d</sub> sat	12.9
	subtransitoria in quad. - subtransient quadr. axis	X'' <sub>q</sub> sat	15.0
	di sequenza negativa - negative sequence	X <sub>2</sub> sat	14.0
	di sequenza zero - zero sequence	X <sub>0</sub> sat	3.2
costanti di tempo - time constants (s)	a vuoto - open circuit	T' <sub>do</sub>	2.070
	transitoria - transient	T' <sub>d</sub>	0.190
	subtransitoria - subtransient	T'' <sub>d</sub>	0.010
	unidirezionale - armature	T <sub>a</sub>	0.018
Coppia di corto circuito bifase - Phase to Phase short circuit torque	kN*m	33.3	
Coppia di corto circuito trifase - Three phase short circuit torque	kN*m	22.2	

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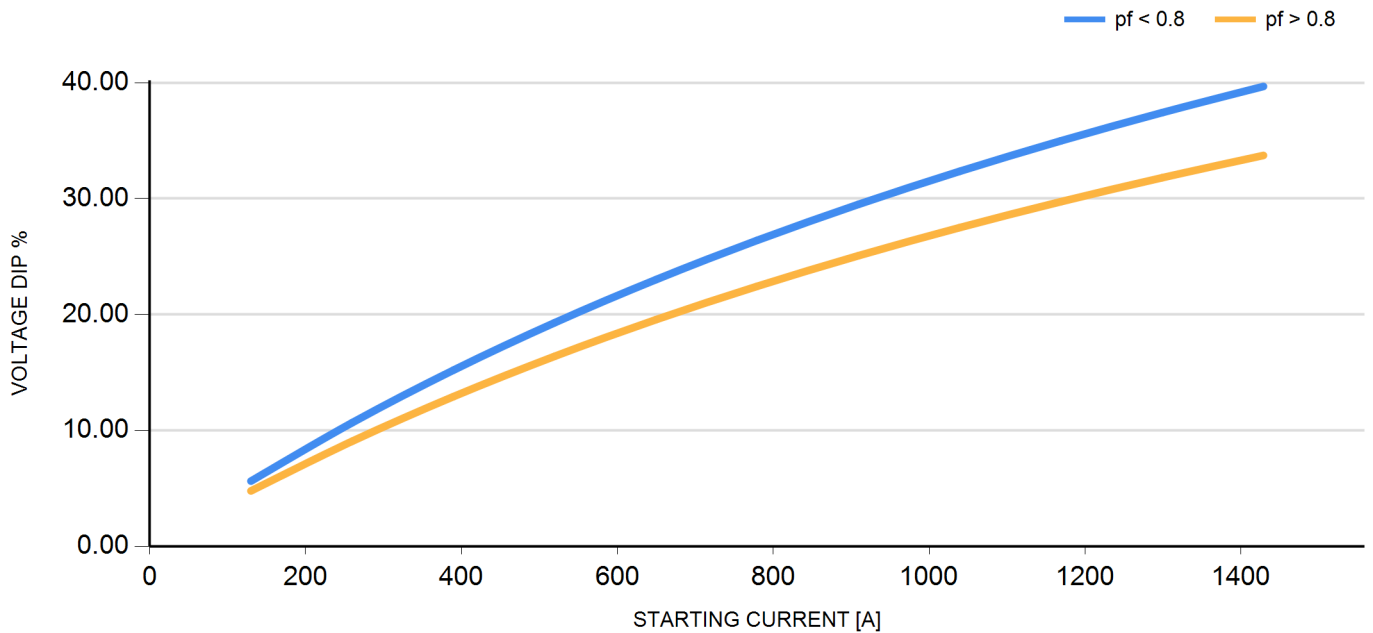
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**CURVA DI RENDIMENTO - EFFICIENCY CURVE**



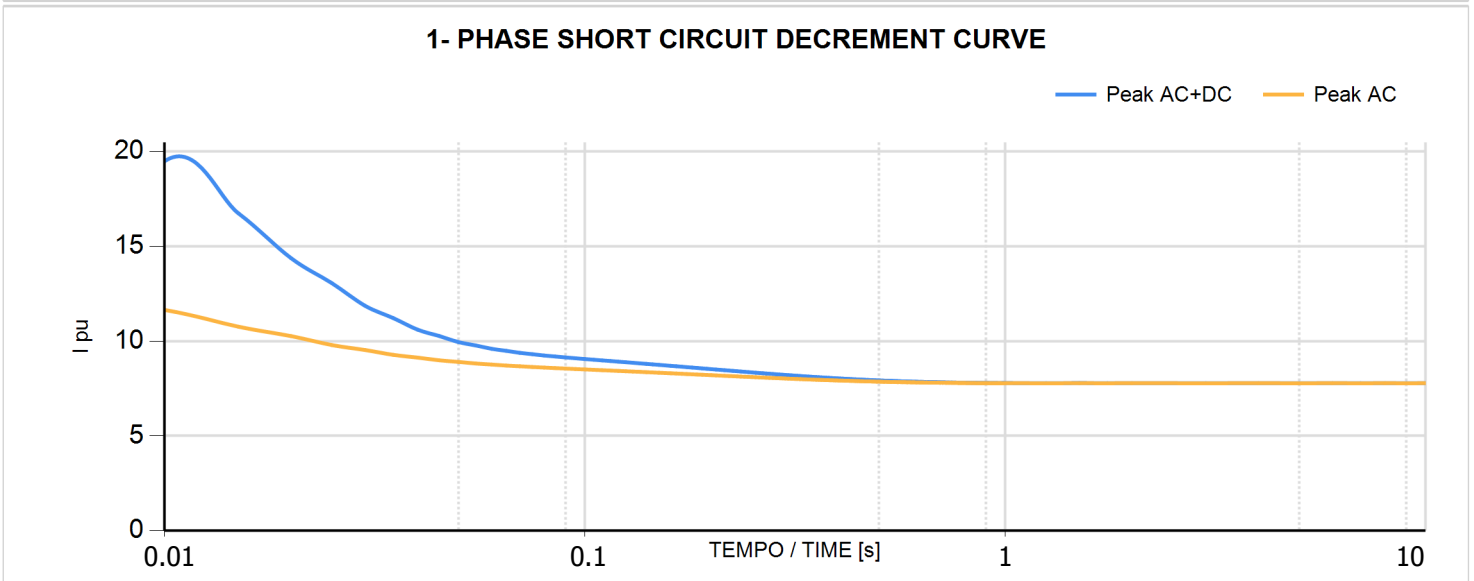
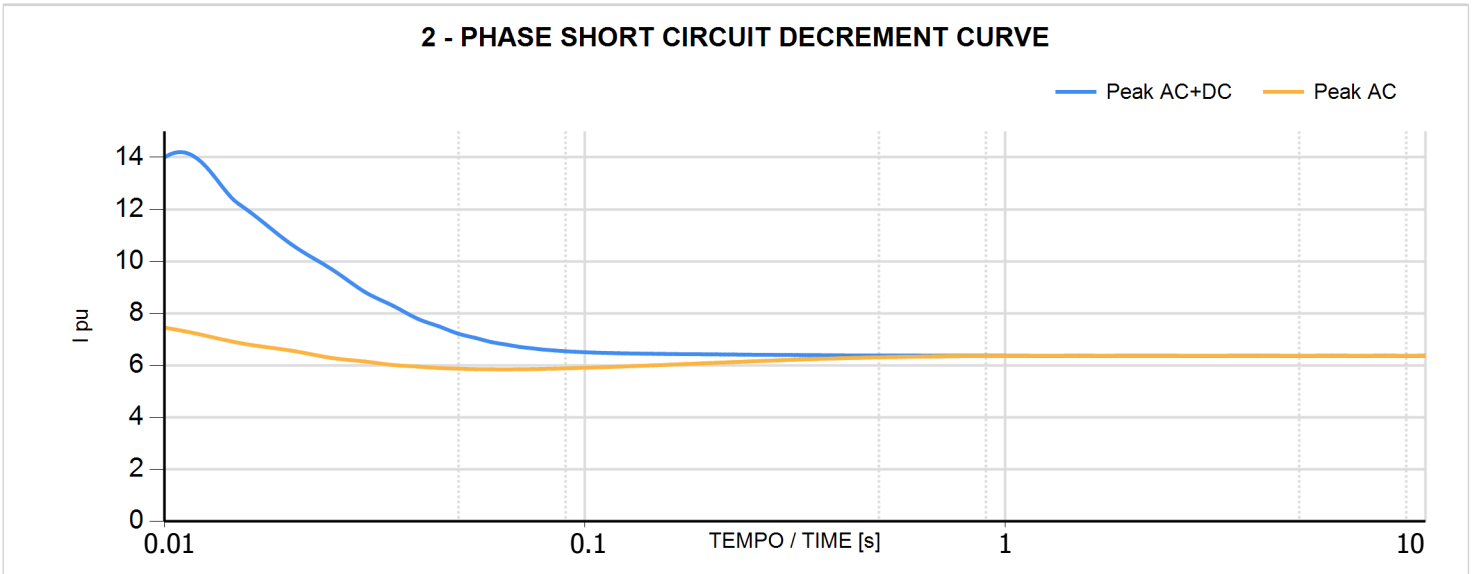
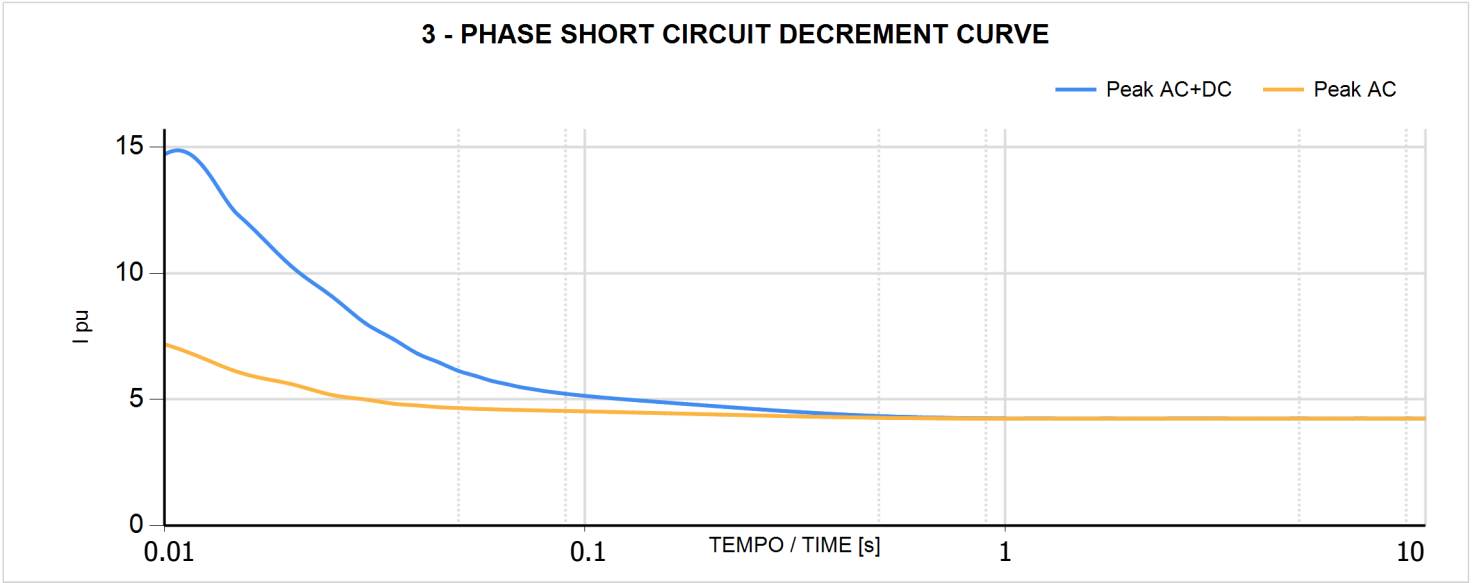
**CADUTA DI TENSIONE - VOLTAGE DIP**



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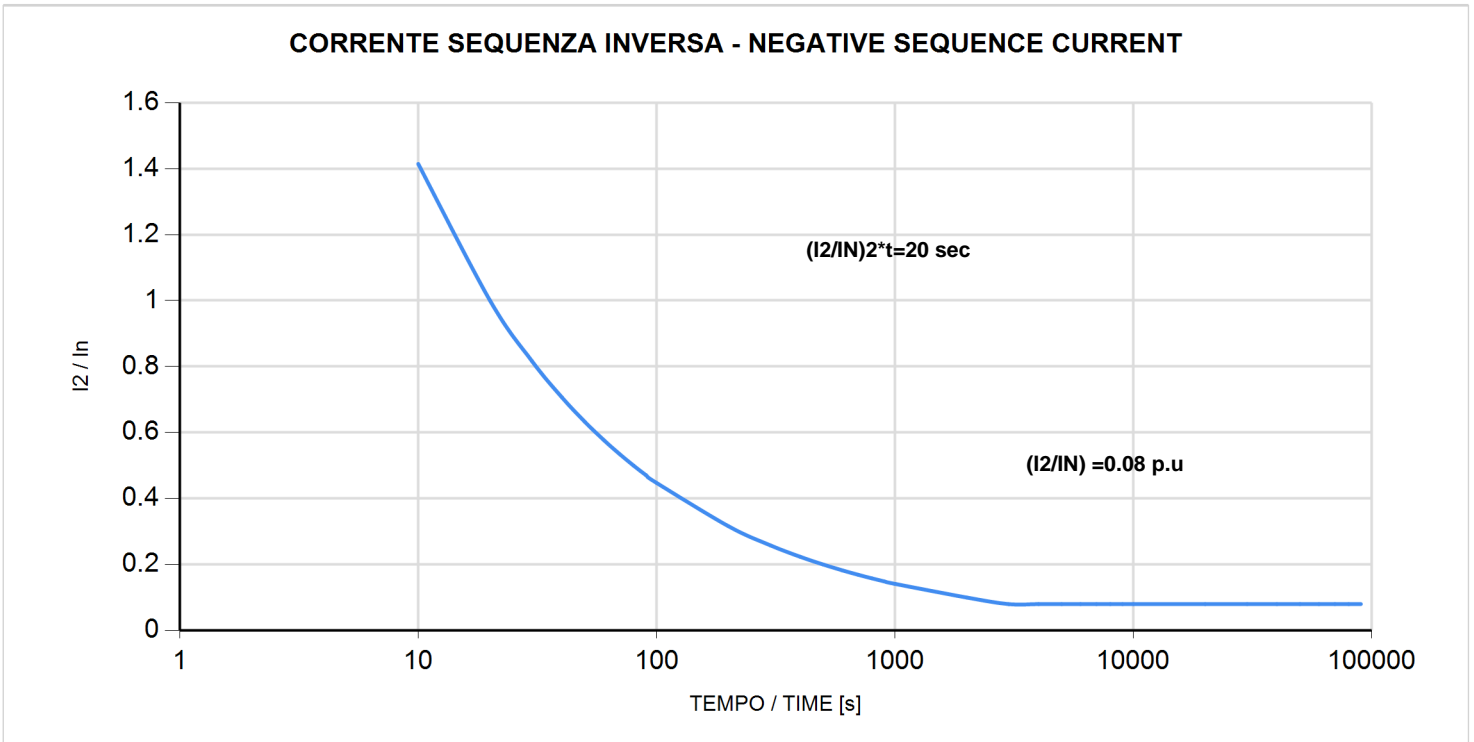
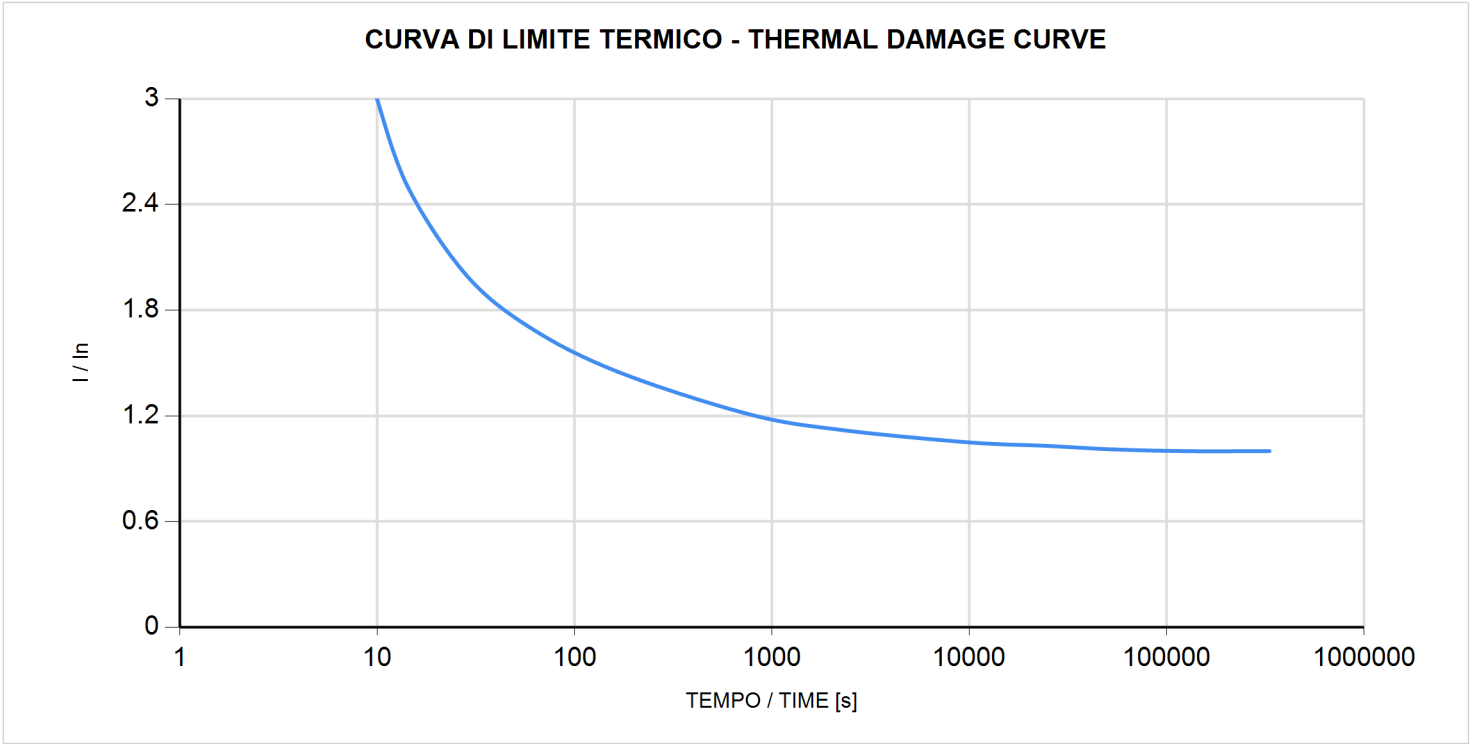
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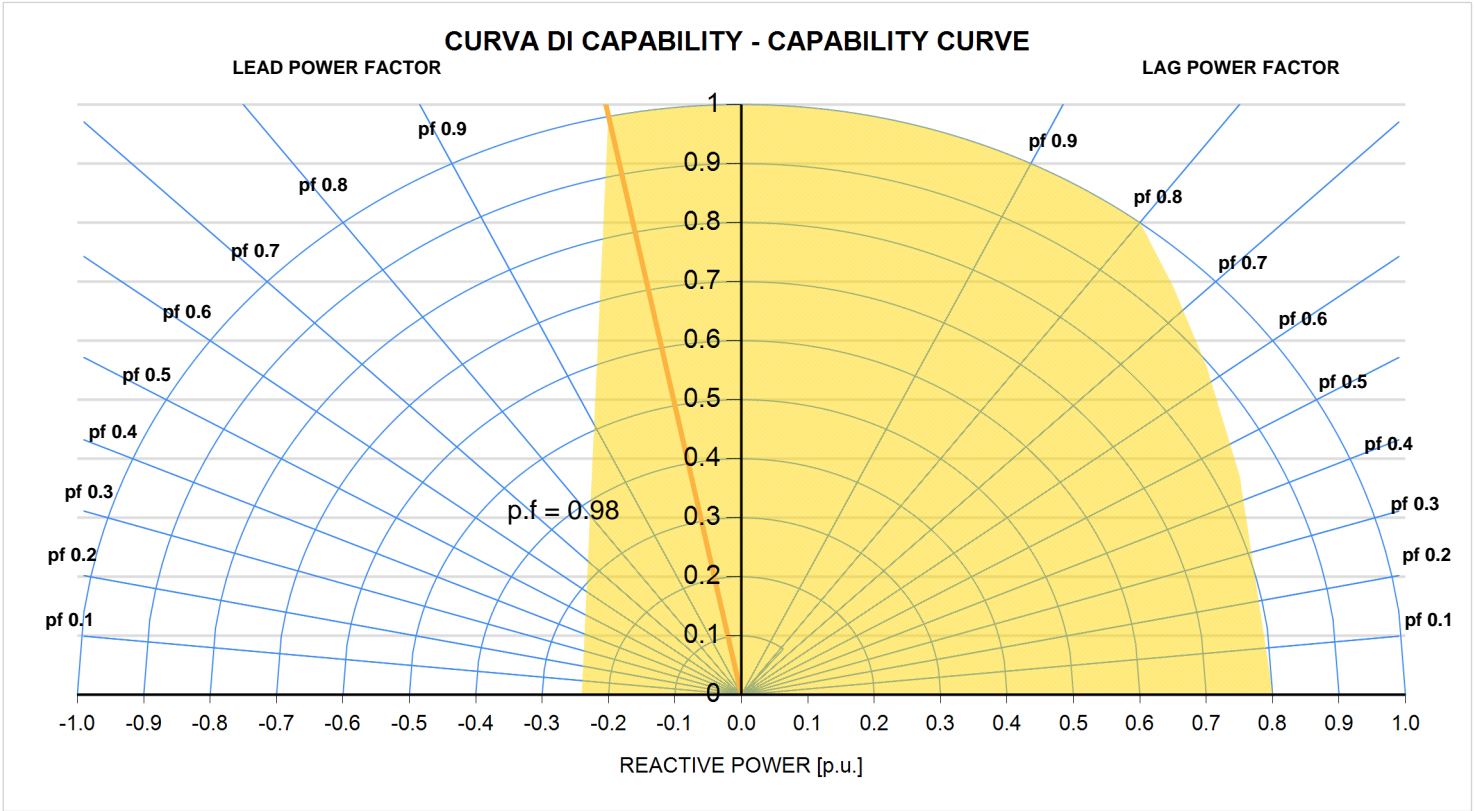
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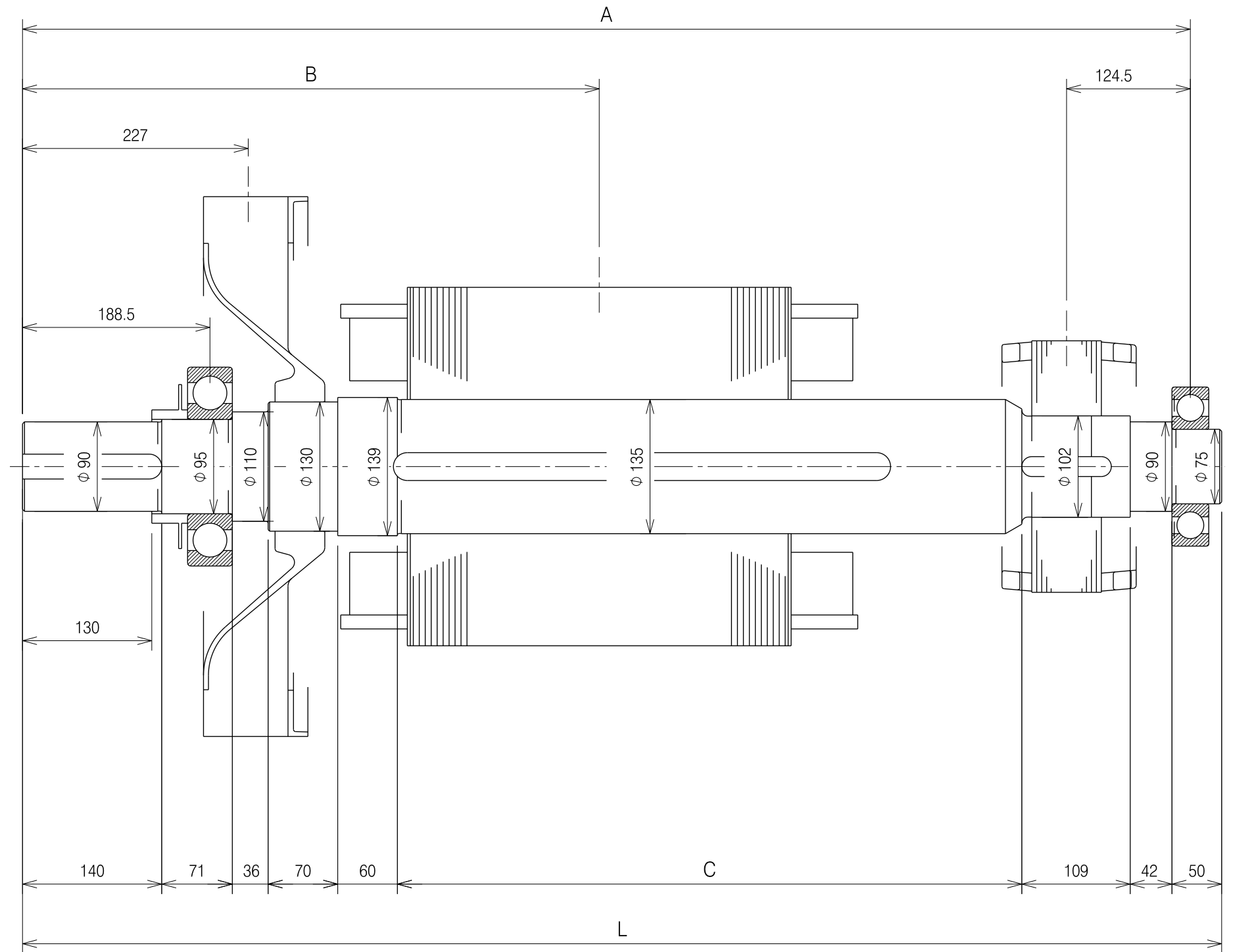
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DIMENSIONI IN mm  
DIMENSIONS IN mm

ELEMENTI PER VERIFICHE TORSIONALI  
TORSIONAL ANALYSIS DATA



TIPO TYPE	DIMENSIONI IN mm DIMENSION IN mm				VENTOLA FAN		ALBERO SHAFT		RUOTA POLARE MAIN CORE		ROTORE ECC. EXCITER CORE		TOTALE TOTAL	
	A	B	C	L	Kg	J Kgm2	Kg	J Kgm2	Kg	J Kgm2	Kg	J Kgm2	Kg	J Kgm <sup>2</sup>
SA4	1009.5	520	463	1041	6.6	0.208	92	0.164	179.5	3.086	22	0.204	300.1	3.662
SB4		550							209.5	3.676			330.1	4.252
MA4	1174.5	580	628	1201			237.5	4.190	375.1	4.796				
MB4		625					292.5	5.090	430.1	5.676				

B	ADJUSTMENT LAYOUT INFORMATION	28/10/2015	E.Pretto
=	PRIMA EMISSIONE	28/10/2015	E.Pretto
REV	DESCRIZIONE	DATA	FIRMA
	SOSTITUISCE IL COD.	SCALA -- A3	DISEGNATORE 28/10/2015 E.Pretto CONTR./C.UFF. 13/11/2015 M.Debortoli CONTR. ATEX
<b>GENERATORI BISOPPORTO MJB 315</b> DOUBLE BEARINGS GENERATORS MJB 315		<b>M00AV415A</b>	
			<b>B</b> REV
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