

# MJB 355 MA4

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

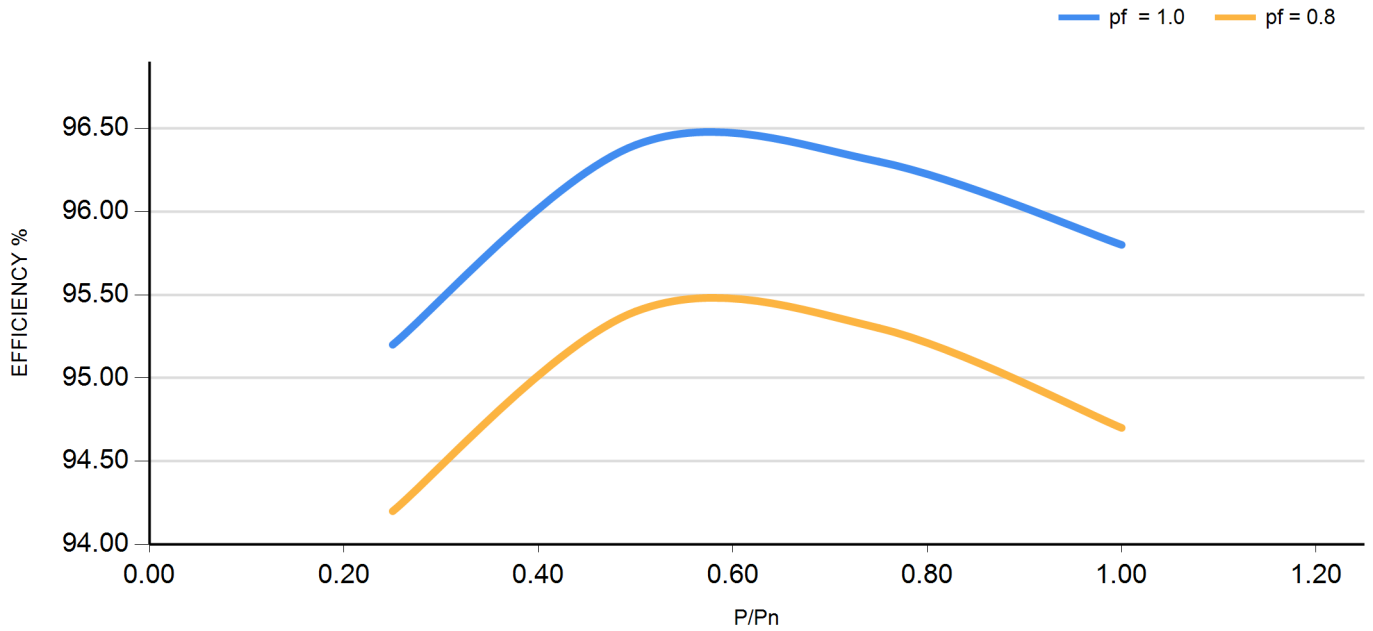
Reference: \_\_\_\_\_

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. 1800		
MOMENTO D'INERZIA (J) (kg*m <sup>2</sup> ) - INERTIA (J) (kg*m <sup>2</sup> )	Approx. 11.69		
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	981.5	
POTENZA - RATING	kVA	680	
RENDIMENTO - EFFICIENCY - (%)	4/4	95.8	
P.F.= 1.0	3/4	96.3	
	2/4	96.4	
RENDIMENTO - EFFICIENCY - (%)	4/4	94.7	
P.F.= 0.8	3/4	95.3	
	2/4	95.4	
Rapporto di corto circuito - short circuit ratio	SCR	0.30	
reattanza - reactance (%)	sincrona diretta - synchronous direct axis	X <sub>d uns</sub>	349
	sincrona in quadratura - synchr. quadrature axis	X <sub>q uns</sub>	184
	transitoria diretta - transient direct axis	X' <sub>d sat</sub>	30.3
	transitoria in quadratura - transient quadrature axis	X' <sub>q uns</sub>	184
	subtransitoria diretta - subtransient direct axis	X'' <sub>d sat</sub>	12.3
	subtransitoria in quad. - subtransient quadr. axis	X'' <sub>q sat</sub>	15.7
	di sequenza negativa - negative sequence	X <sub>2 sat</sub>	14.0
	di sequenza zero - zero sequence	X <sub>0 sat</sub>	3.2
costanti di tempo - time constants (s)	a vuoto - open circuit	T' <sub>do</sub>	2.720
	transitoria - transient	T' <sub>d</sub>	0.230
	subtransitoria - subtransient	T'' <sub>d</sub>	0.020
	unidirezionale - armature	T <sub>a</sub>	0.022
Coppia di corto circuito bifase - Phase to Phase short circuit torque	kN*m	52.8	
Coppia di corto circuito trifase - Three phase short circuit torque	kN*m	35.2	

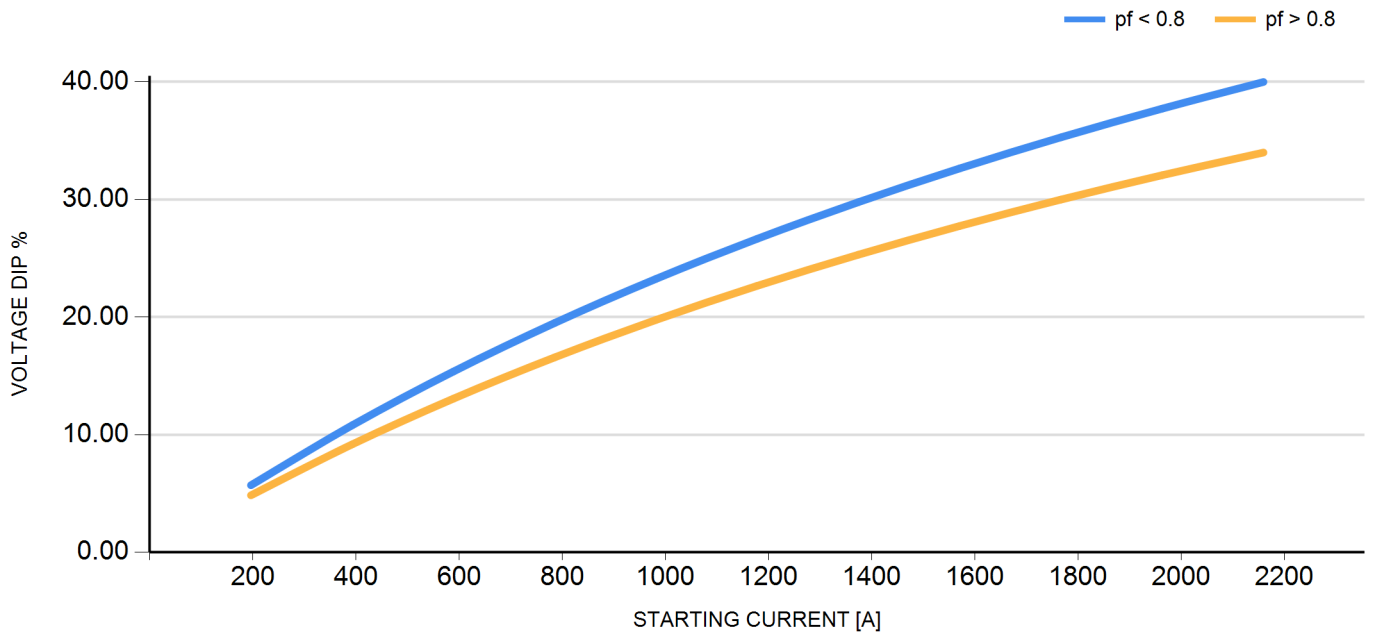
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CURVA DI RENDIMENTO - EFFICIENCY CURVE



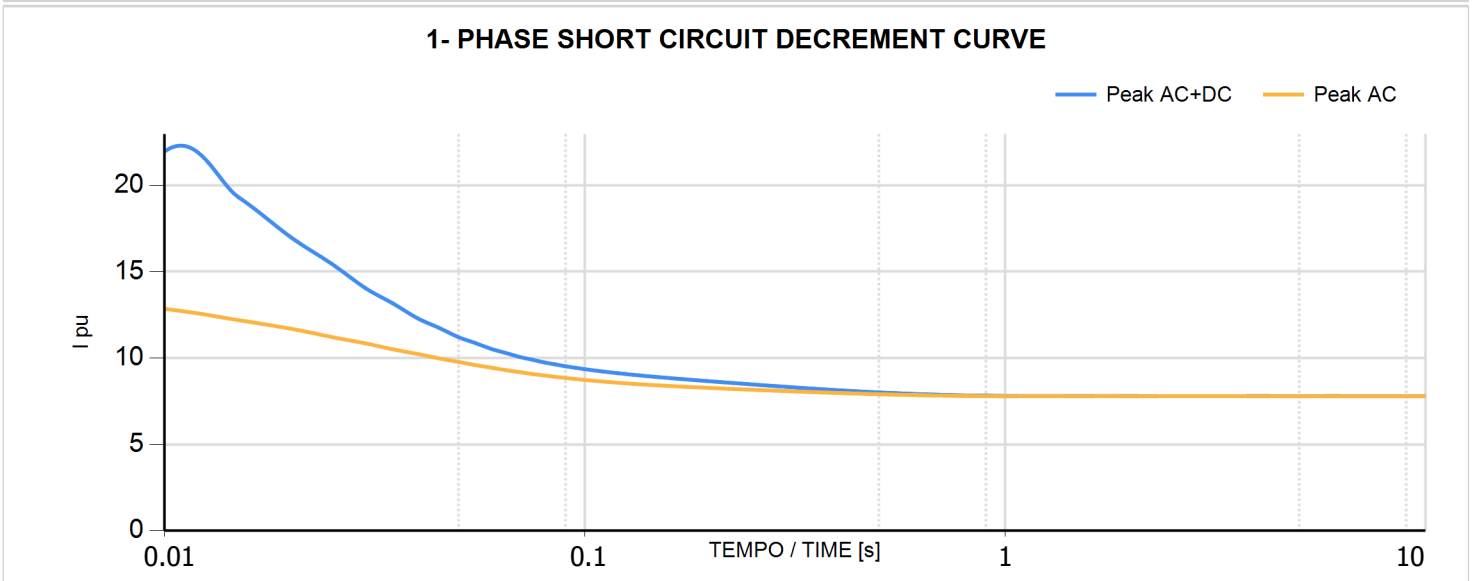
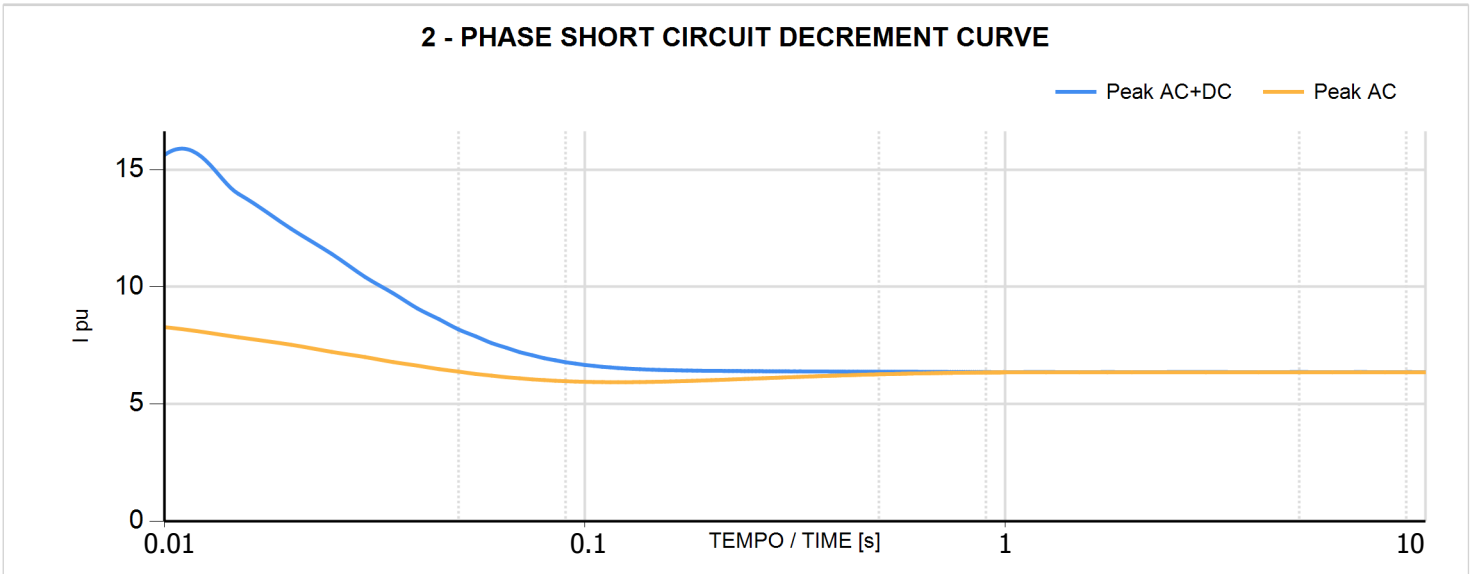
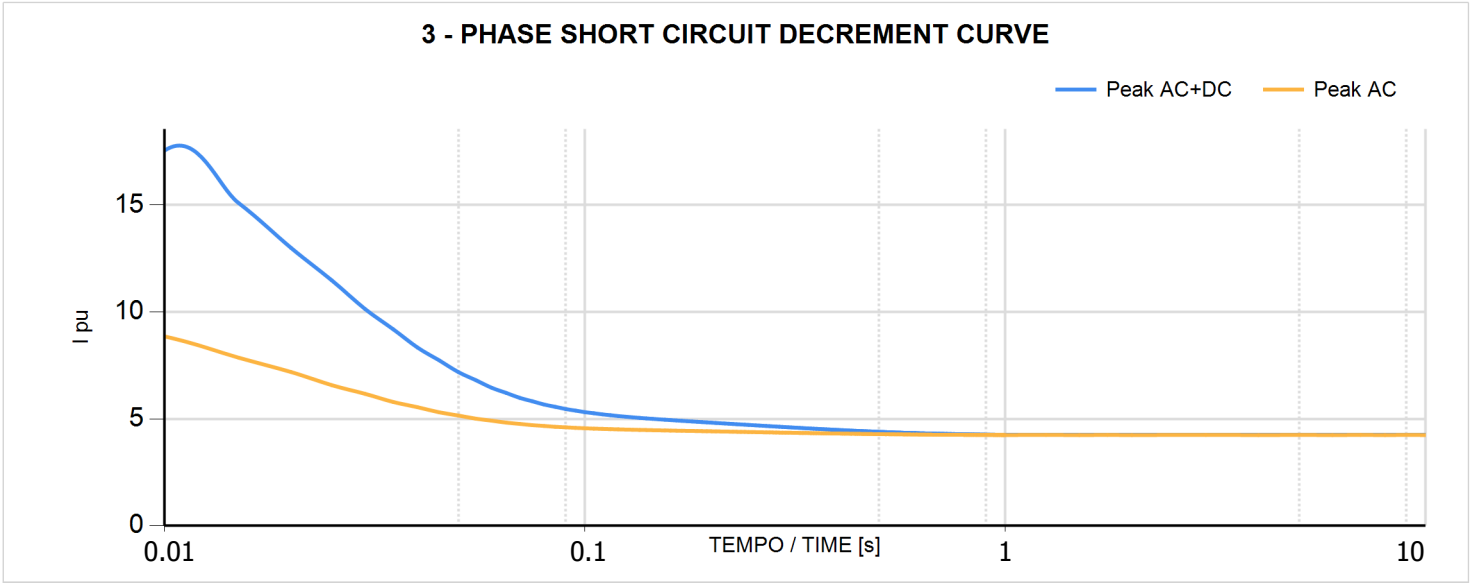
CADUTA DI TENSIONE - VOLTAGE DIP



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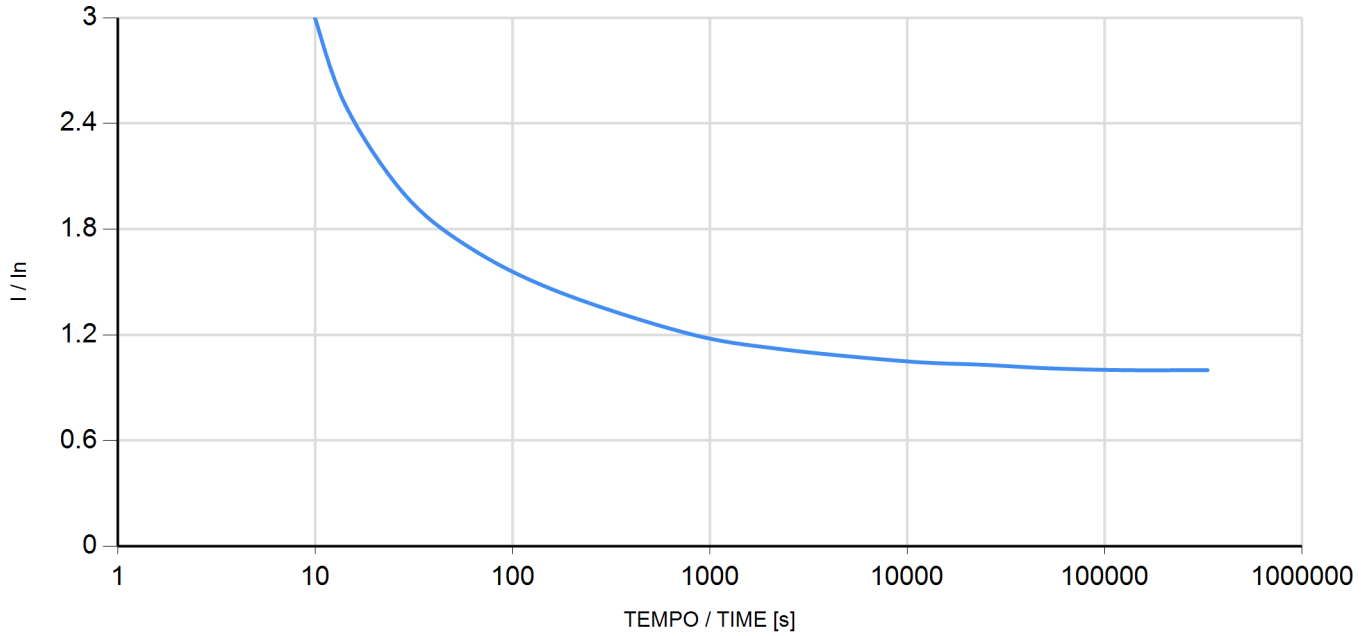


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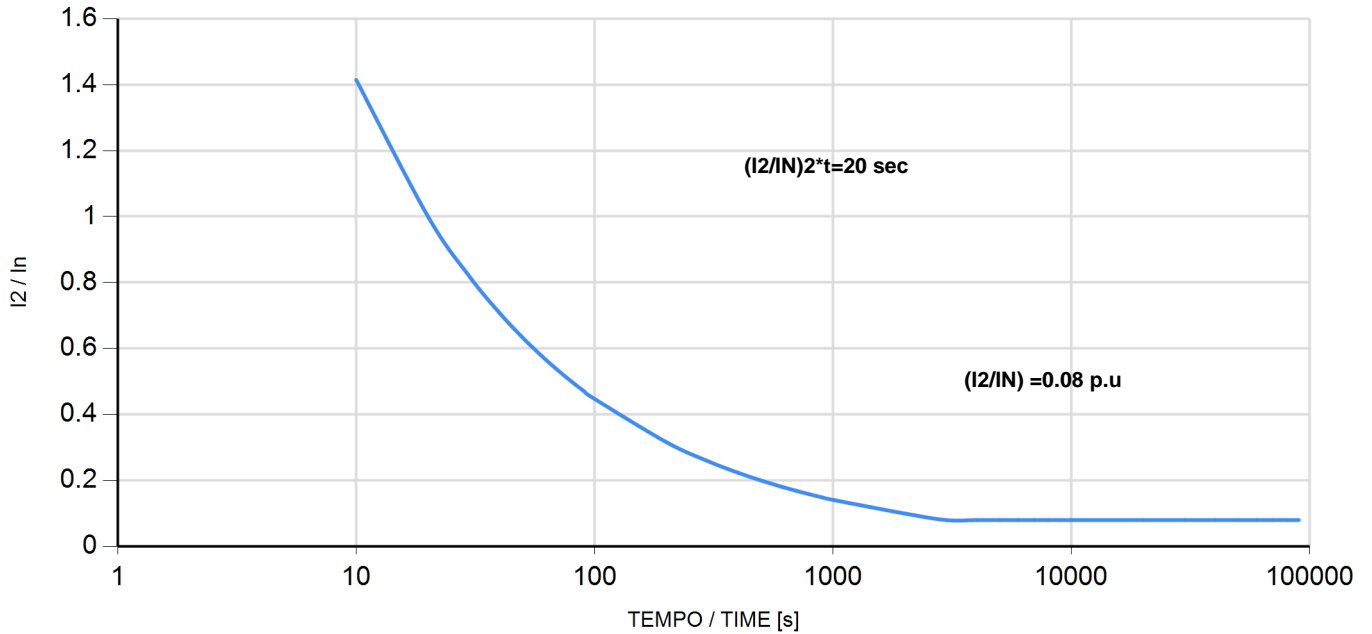
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**CURVA DI LIMITE TERMICO - THERMAL DAMAGE CURVE**

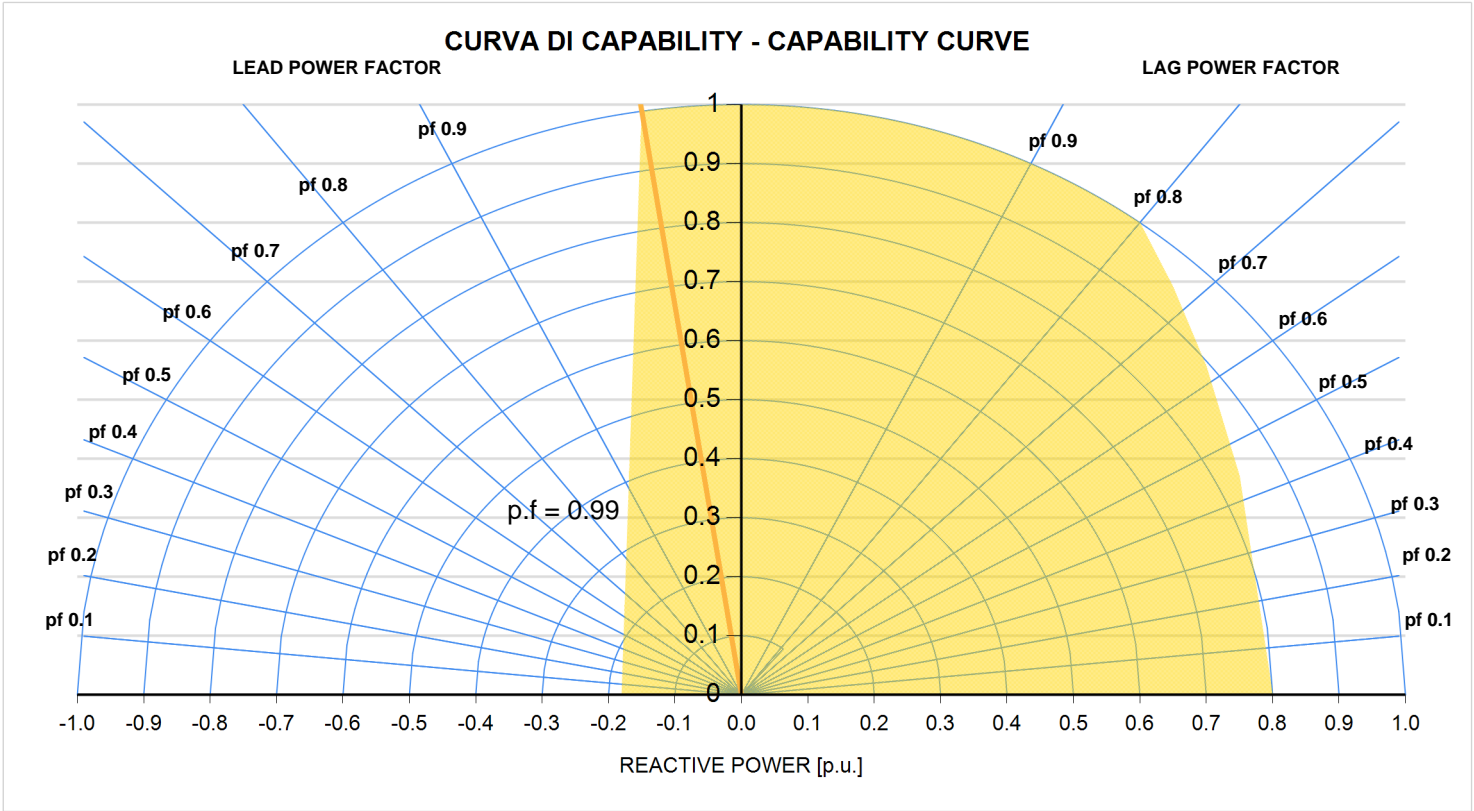


**CORRENTE SEQUENZA INVERSA - NEGATIVE SEQUENCE CURRENT**



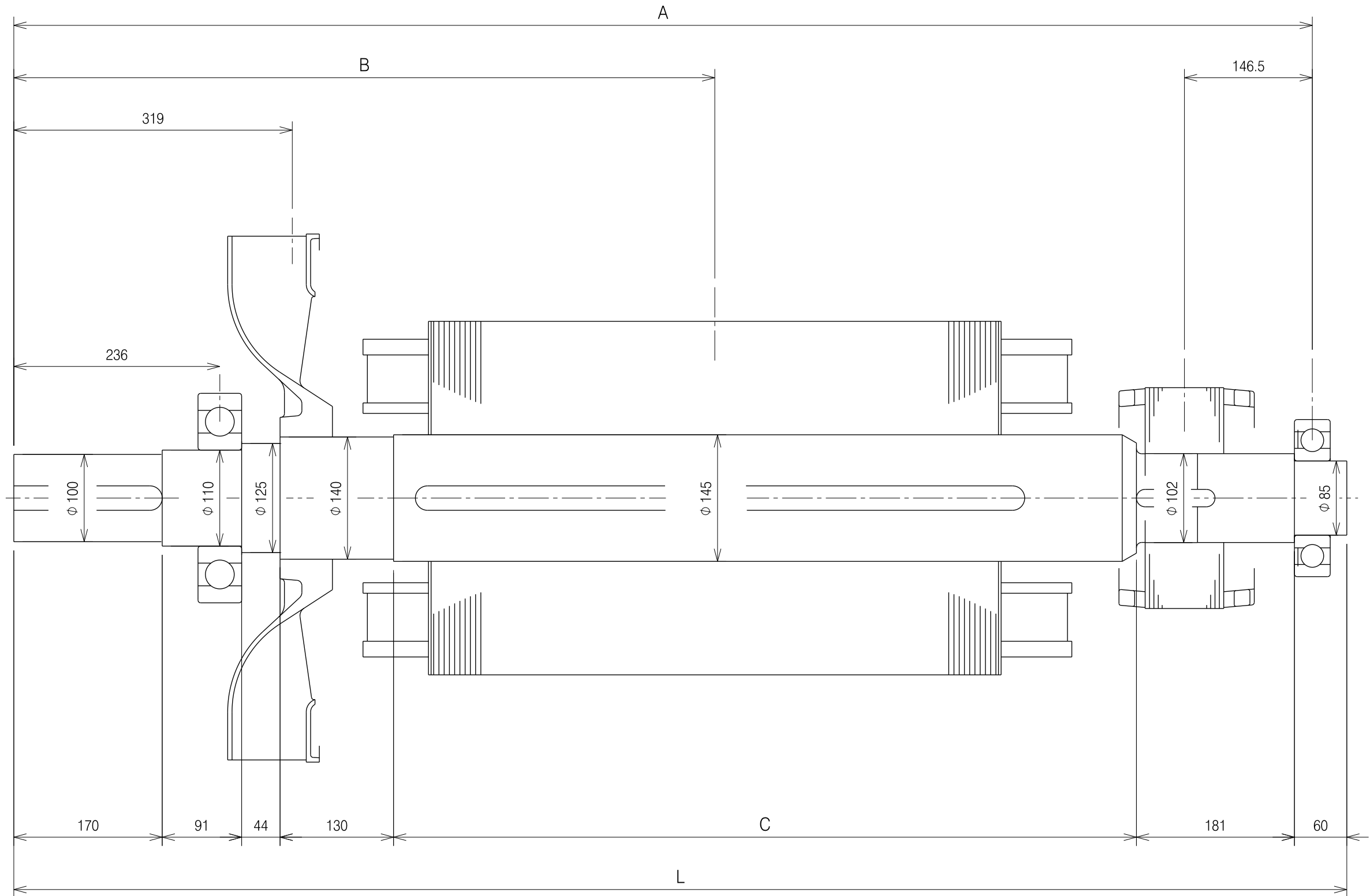
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DIMENSIONI IN mm  
DIMENSIONS IN mm

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 Kgm2
SA4	1247.5	562	611	1287	12	0.369	130	0.279	308	7.124	21.4	0.199	471.4	7.971
SB4		597							365	8.442			528.4	9.289
MA4	1487.5	662	851	1517			161	0.360	463	10.709	27	0.251	663	11.689
MB4		702							525	12.143			725	13.123

REV	DESCRIZIONE	DATA	FIRMA
A	ADJUSTMENT LAYOUT INFORMATION	28/10/2015	E.Pretto
=	FIRST ISSUE	28/10/2015	E.Pretto

	SOSTITUISCE IL COD.		SCALA	DISEGNATORE	28/10/2015	E.Pretto
	-		A3	CONTR./C.UFF.	13/11/2015	M.Debertoli

<b>GENERATORI BISOPPORTO MJB 355</b> DOUBLE BEARINGS GENERATORS MJB 355		<b>M00AV419A</b>	<b>A</b> REV
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