

# MJB 200 SB4

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

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

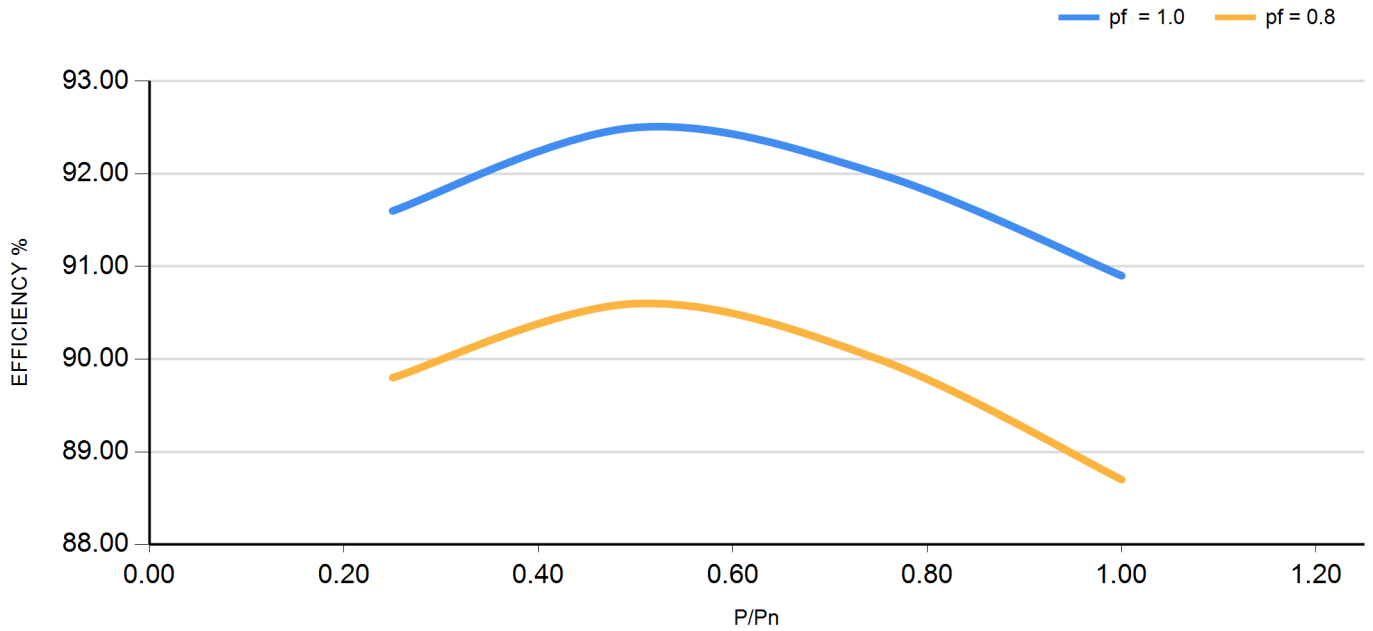
CLASSE DI SOVRATEMPERATURA - TEMPERATURE RISE CLASS	H		
CLASSE DI ISOLAMENTO - INSULATION CLASS	H		
PASSO DI AVVOLGIMENTO - WINDING PITCH	2/3		
FORMA COSTRUTTIVA - MOUNTING	B20		
TEMPERATURA AMBIENTE (°C) - AMBIENT TEMPERATURE (°C)	40		
ALTITUDINE (m s.l.m) - ALTITUDE (m a.s.l.)	1000		
SISTEMA DI RAFFREDDAMENTO - 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. 225		
MOMENTO D'INERZIA (J) (kg*m <sup>2</sup> ) - INERTIA (J) (kg*m <sup>2</sup> )	Approx. 0.3		
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	72.2	
POTENZA - RATING	kVA	50	
RENDIMENTO - EFFICIENCY - (%)	4/4	90.9	
P.F.= 1.0	3/4	92.0	
	2/4	92.5	
RENDIMENTO - EFFICIENCY - (%)	4/4	88.7	
P.F.= 0.8	3/4	90.0	
	2/4	90.6	
Rapporto di corto circuito - short circuit ratio	SCR	0.35	
reattanza - reactance (%)	sincrona diretta - synchronous direct axis	X <sub>d</sub> uns	379
	sincrona in quadratura - synchr. quadrature axis	X <sub>q</sub> uns	212
	transitoria diretta - transient direct axis	X' <sub>d</sub> sat	34.2
	transitoria in quadratura - transient quadrature axis	X' <sub>q</sub> uns	212
	subtransitoria diretta - subtransient direct axis	X'' <sub>d</sub> sat	14.5
	subtransitoria in quad. - subtransient quadr. axis	X'' <sub>q</sub> sat	18.5
	di sequenza negativa - negative sequence	X <sub>2</sub> sat	16.5
	di sequenza zero - zero sequence	X <sub>0</sub> sat	3.4
costanti di tempo - time constants (s)	a vuoto - open circuit	T' <sub>do</sub>	0.700
	transitoria - transient	T' <sub>d</sub>	0.060
	subtransitoria - subtransient	T'' <sub>d</sub>	0.010
	unidirezionale - armature	T <sub>a</sub>	0.007
Coppia di corto circuito bifase - Phase to Phase short circuit torque	kN*m	3.3	
Coppia di corto circuito trifase - Three phase short circuit torque	kN*m	2.2	

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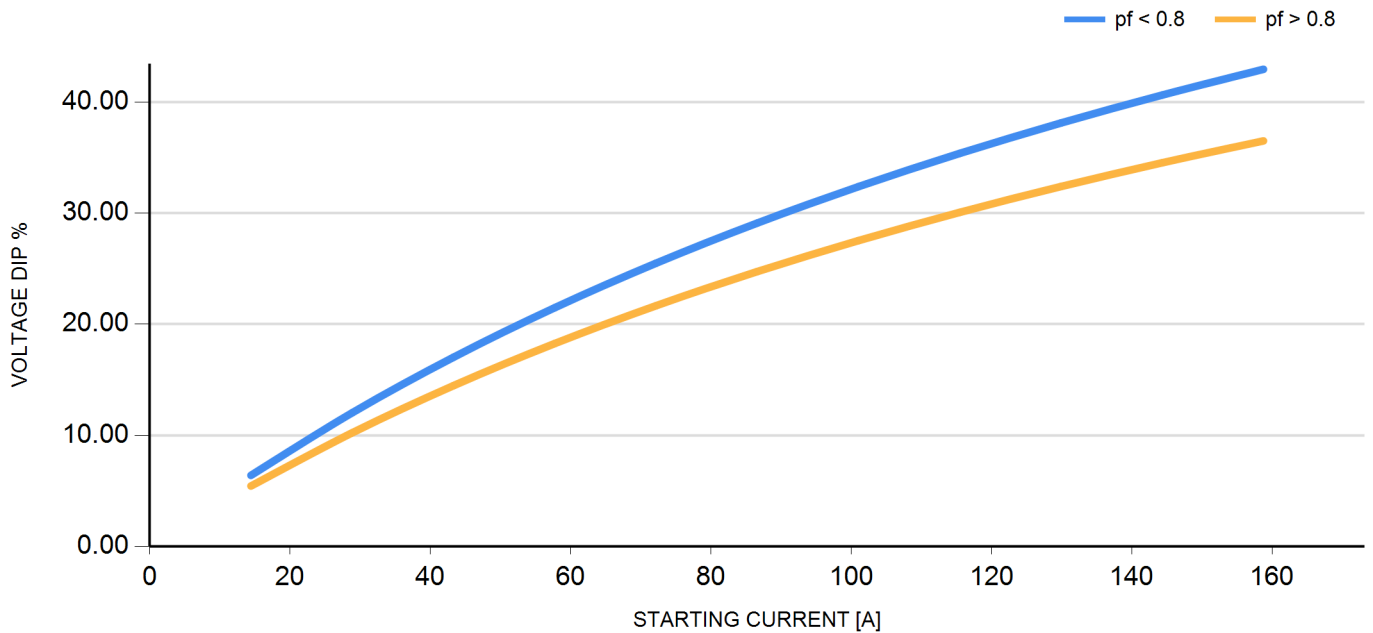
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**CURVA DI RENDIMENTO - EFFICIENCY CURVE**



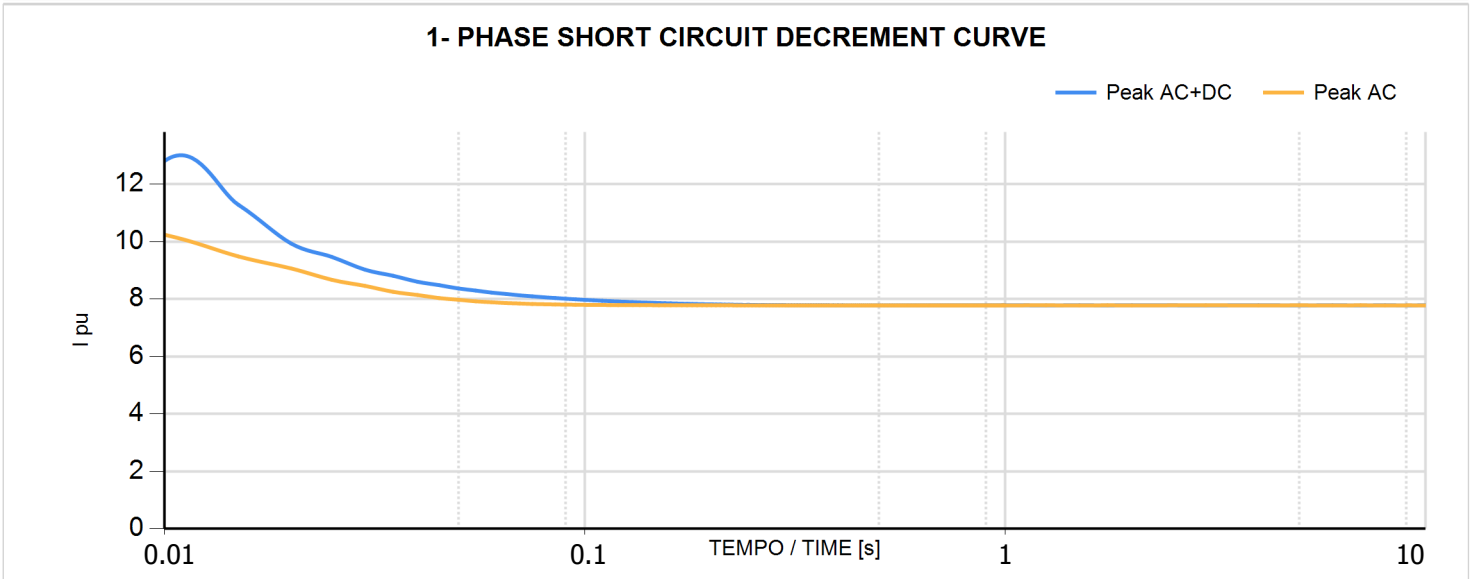
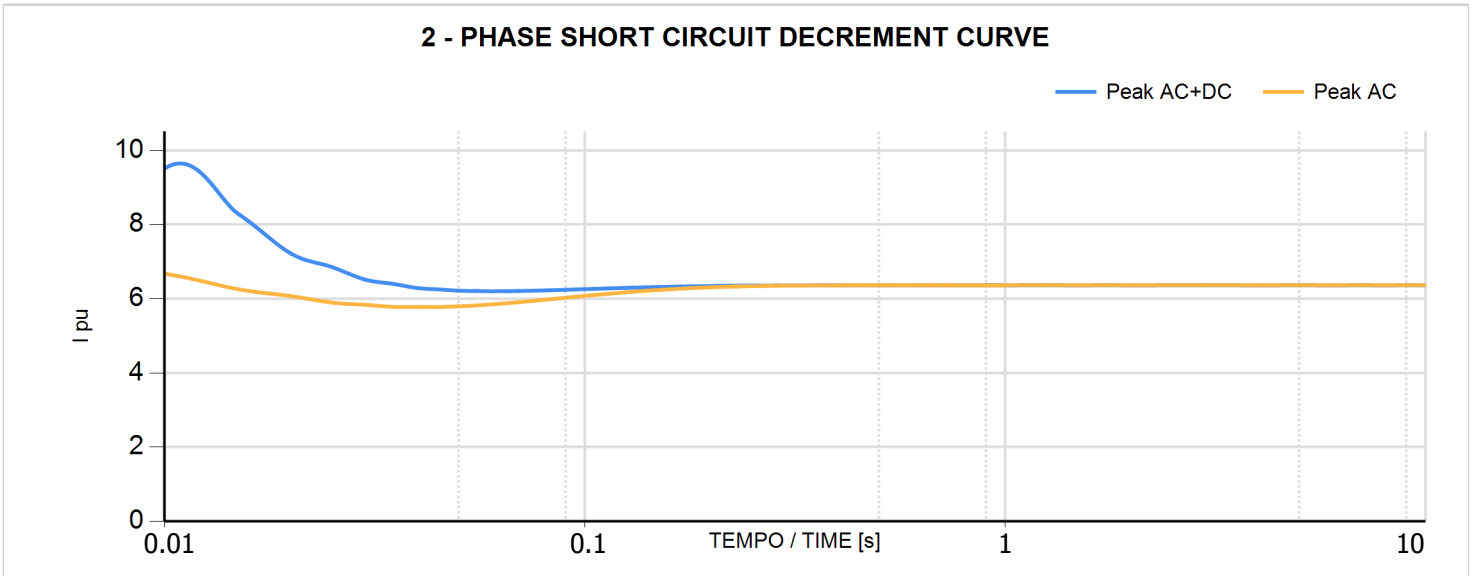
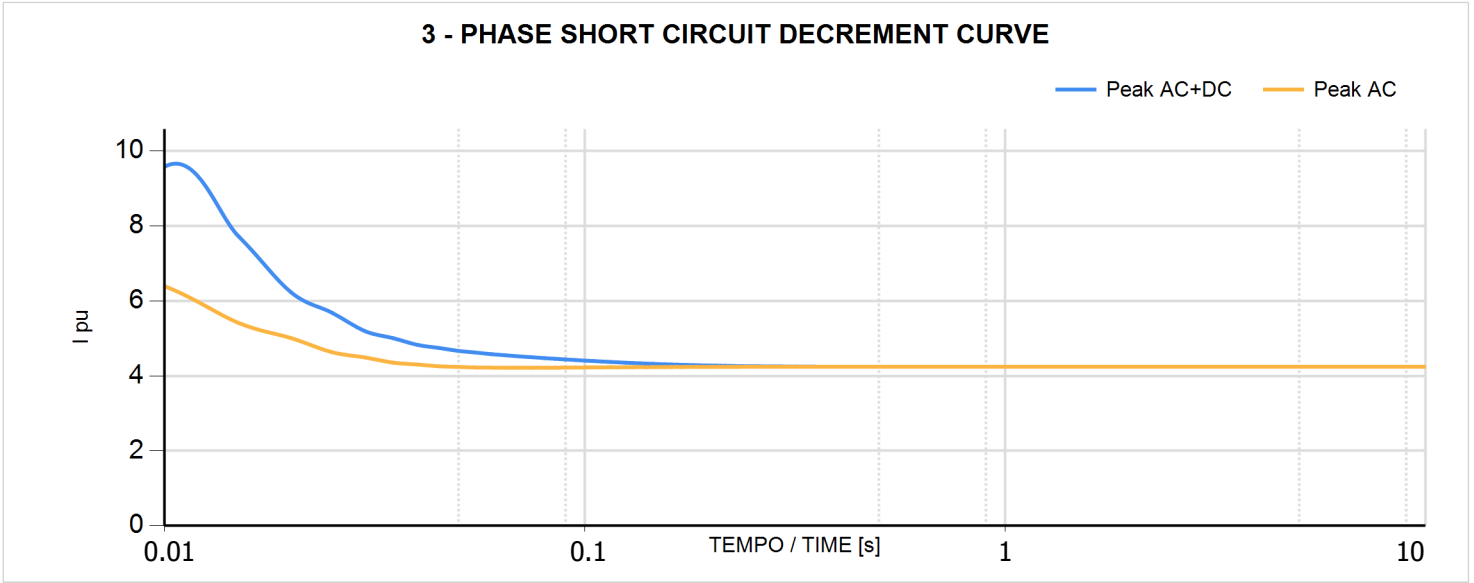
**CADUTA DI TENSIONE - VOLTAGE DIP**



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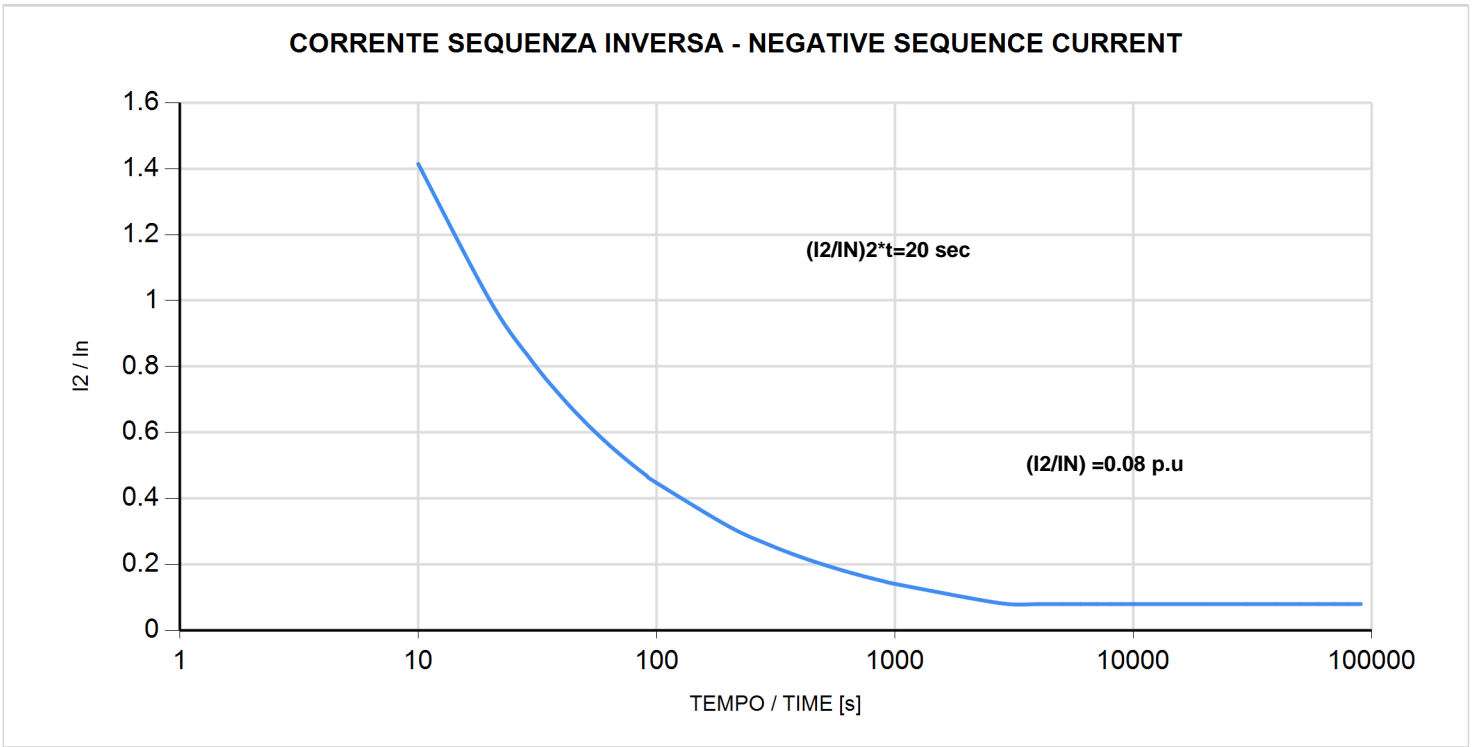
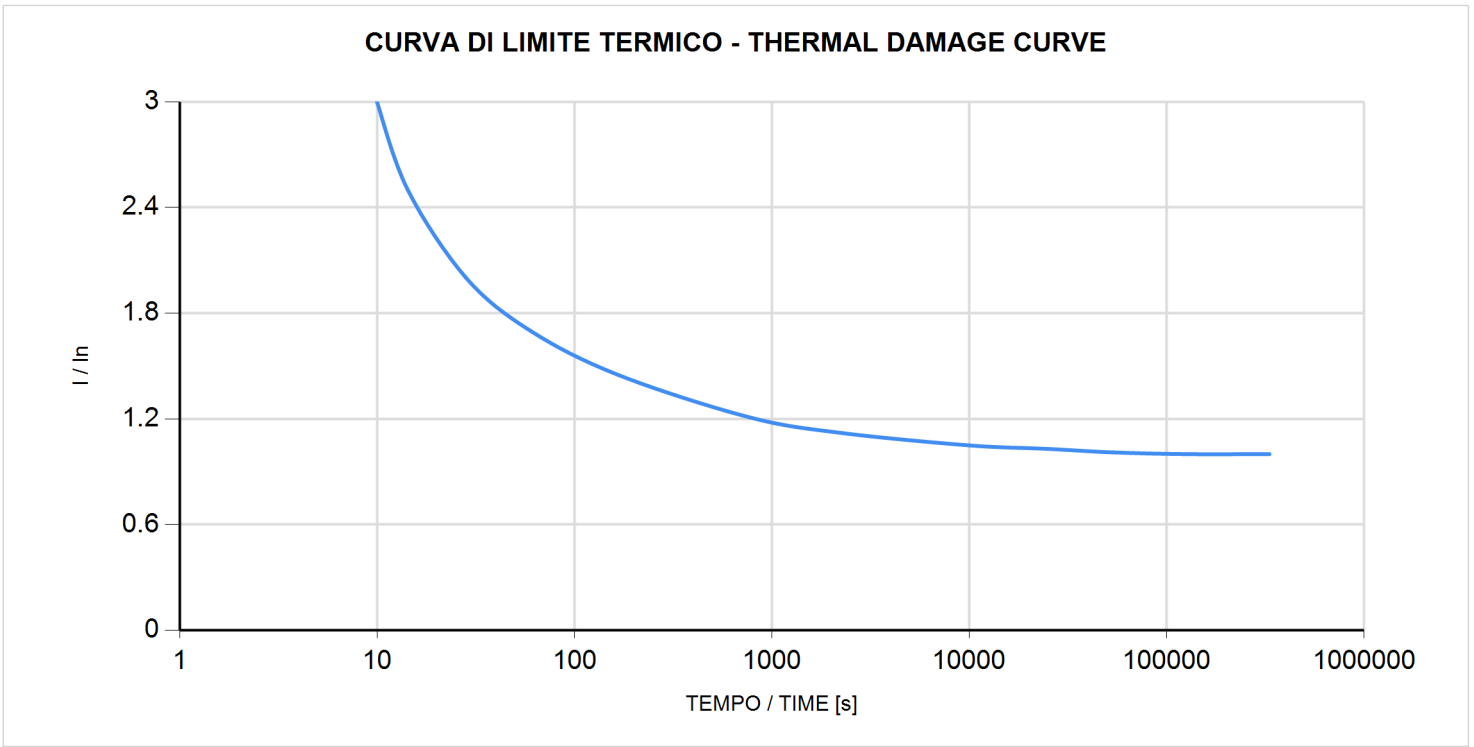
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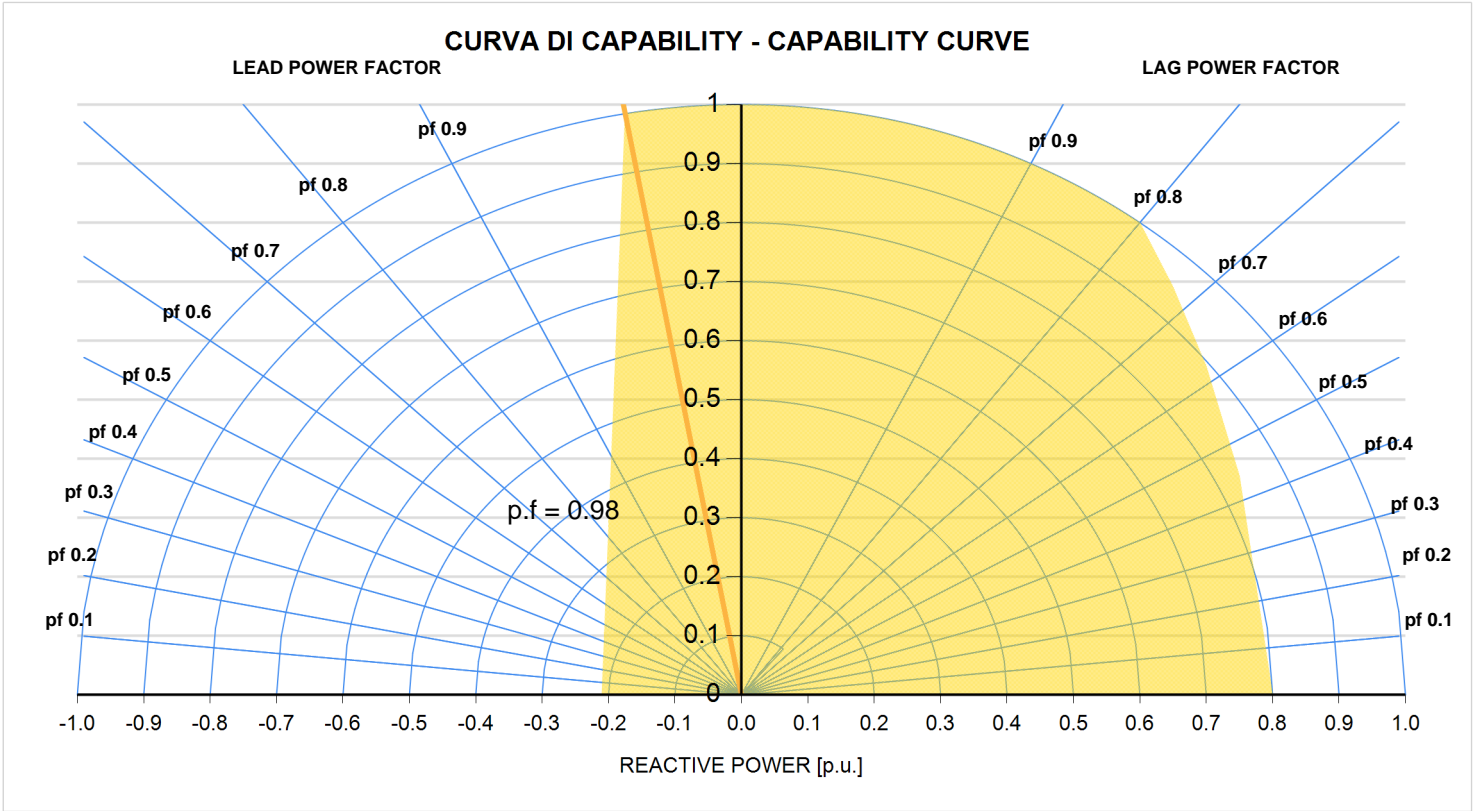
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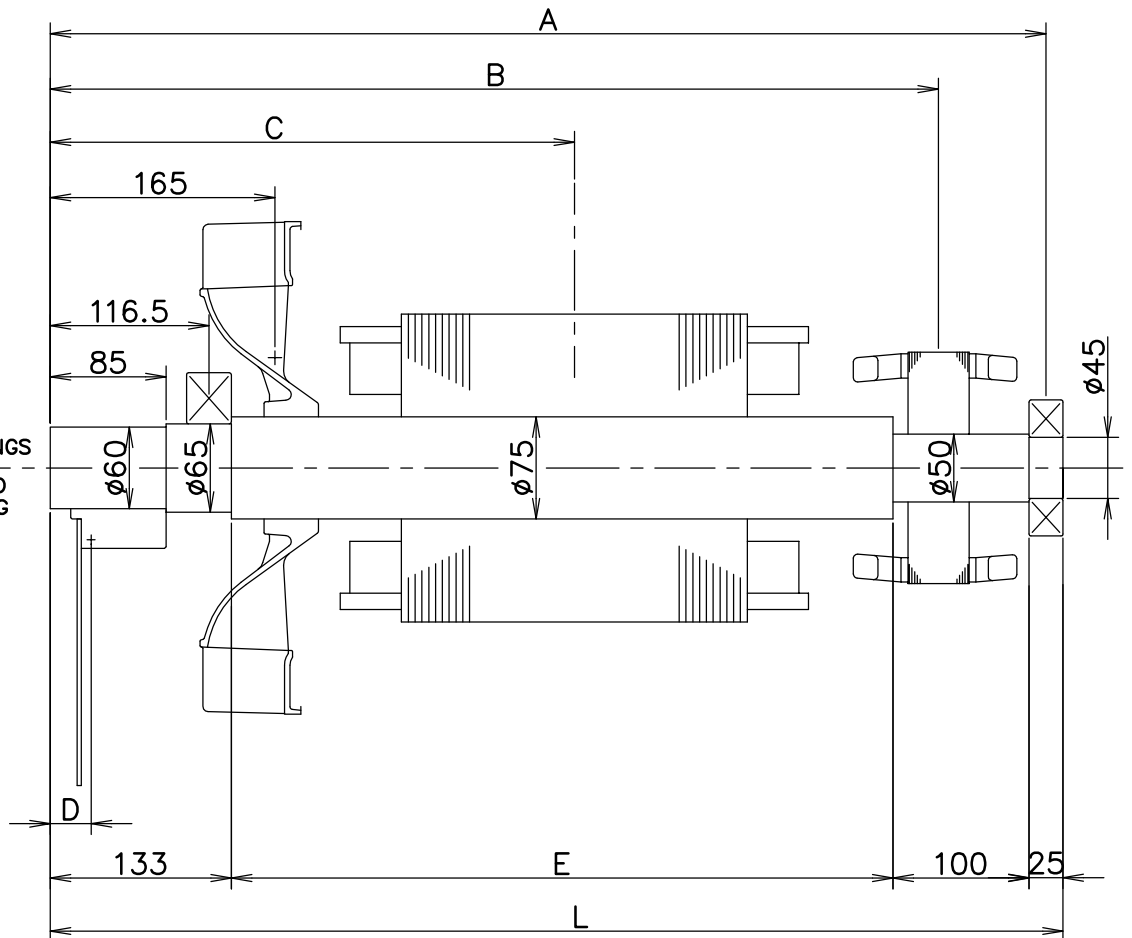
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ELEMENTI PER VERIFICHE TORSIONALI  
TORSIONAL ANALYSIS DATA

DIMENSIONI IN mm  
DIMENSIONS IN mm



GIUNTO COUPLING	D	kg	J kgm <sup>2</sup>
SAE 8	66	5.3	0,0186
SAE 10	65	5.8	0,0305
SAE 11 1/2	66	6.4	0,0440
SAE 14	66	8.1	0,1083

1) PER L'ESECUZIONE MONOSUPPORTO  
AGGIUNGERE I VALORI DEL GIUNTO PRESCELTO  
 $4J=PD^2$

1) FOR SINGLE BEARING BUILD  
ADD THE VALUES OF SELECTED COUPLING  
 $4J=PD^2$

TIPO TYPE	DIMENSIONI IN mm DIMENSIONS IN mm					VENTOLA FAN		ALBERO SHAFT		RUOTA POLARE MAIN CORE		ROTORE ECC. EXCITER CORE		TOTALE (1) TOTAL (1)			
	A	B	C	E	L	kg	kgm <sup>2</sup>	kg	kgm <sup>2</sup>	kg	kgm <sup>2</sup>	kg	kgm <sup>2</sup>	kg	kgm <sup>2</sup>		
SA4	636.5	547.5	327.5	391	649	2.1	0.032	18.5	0.0113	57.5	0.179	7.5	0.0526	85.6	0.2749		
MJB SB4			337.5							60	0.2050			88.1	0.3008		
200 MA4	731.5	642.5	360	486	744					21.5	0.0137			75	0.2630	106.1	0.3613
MB4			385											86	0.3276	117.1	0.4259



GENERATORI MJB 200  
GENERATORS N°4 POLI  
N°4 POLES

**M00AVB83AW**

DATA	29.02.12
FIRMA	BALESTRO
DIS.	
CONTR./C.UFF.	
CONTR./NOR.	

CONT.NOR.	
CONT./C.UFF.	
Data	
Firma	
Modifiche	
Indice	

CONT.NOR.	
CONT./C.UFF.	
Data	
Firma	
Modifiche	
Indice	