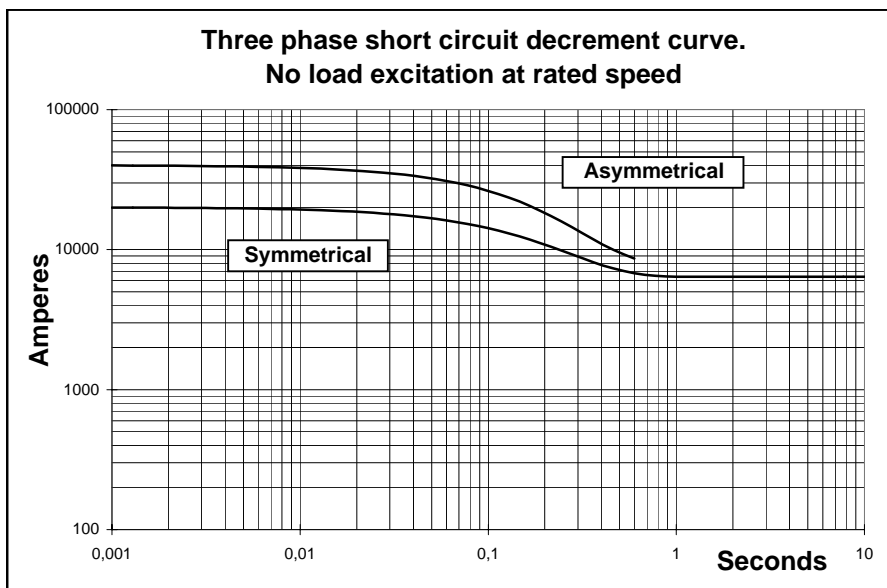
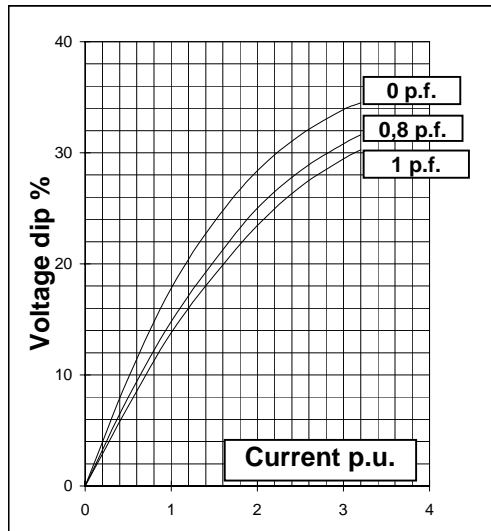
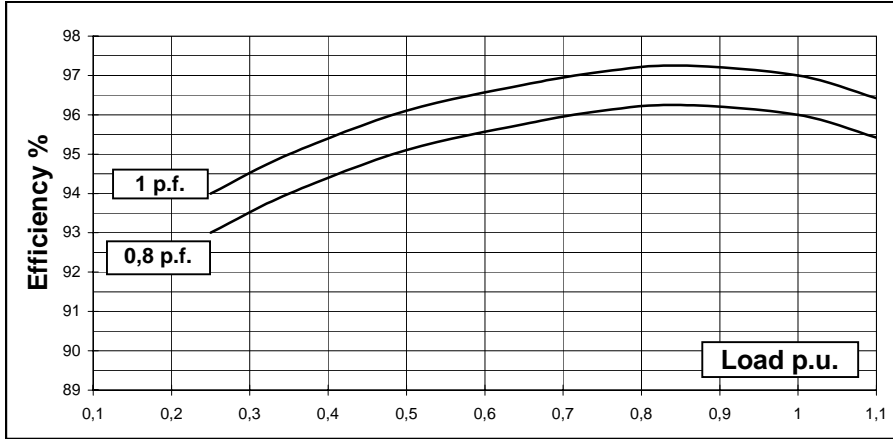


Electrical Characteristics			
Frequency		Hz	60
Voltage (parallel star)		V	380
Rated power class H		kVA	1320
		kW	1056
Rated power class F		kVA	1200
		kW	960
Rated Stand by power (150°/40°)		kVA	1386
		kW	1109
Regulation with		UVR6	±1% with any power factor and speed variations between -5% +30%
Insulation class			H
Execution			Brushless
Stator winding			12 ends
Rotor			with damping cage
Efficiencies class H (see graph. for details)	4/4	%	96
	3/4	%	96,1
	2/4	%	95,1
	1/4	%	93
Reactances (f. l.cl. F)	Xd	%	348
	Xd'	%	19,5
	Xd''	%	10,0
	Xq	%	145,0
	Xq'	%	145,0
	Xq''	%	19,5
	X ₂	%	14,7
	X ₀	%	3,4
Short Circuit Ratio	Kcc		3,40
Time Constants	Td'	sec.	0,24
	Td''	sec.	0,018
	Tdo'	sec.	8,20
	Tα	sec.	0,023
Short Circuit Current Capacity		%	> 350
Excitation at no load		Amp.	0,5
Excitation at full load		Amp.	2,8
Overload (long-term)		%	1 hour in a 6 hours period 110% rated load
Overload per 20 sec.		%	300
Stator Winding Resistance (20°C)		Ω	0,0055
Rotor Winding Resistance (20°C)		Ω	3,38
Exciter Resistance (20 °C)		Ω	Rotor : 0,130 Stator : 10,63
Heat dissipation at f.l.cl.H		W	44.000
Telephone Interference			FHT < 2% TIF < 40
Radio interference			EN60034-1. For others standards apply to factory
Waveform Distors.(THD) at f. load	LL/LN %		1,5 / 1,7
Waveform Distors.(THD) at no load	LL/LN %		2,1 / 2,1
Mechanical characteristics			
Protection			IP 21 (other protection on request)
DE bearing			6324
NDE bearing			6322
Weight of wound stator assembly		kg	861
Weight of wound rotor assembly		kg	642
Weight of complete generator		kg	2395
Maximun overspeed		rpm	2250
Unbalanced magnetic pull at f.l.cl.F		kN/mm	5
Cooling air requirement		m ³ /min	108
Inertia Constant (H)		sec.	0,297
Noise level at 1m/7m		dB(A)	99 / 89

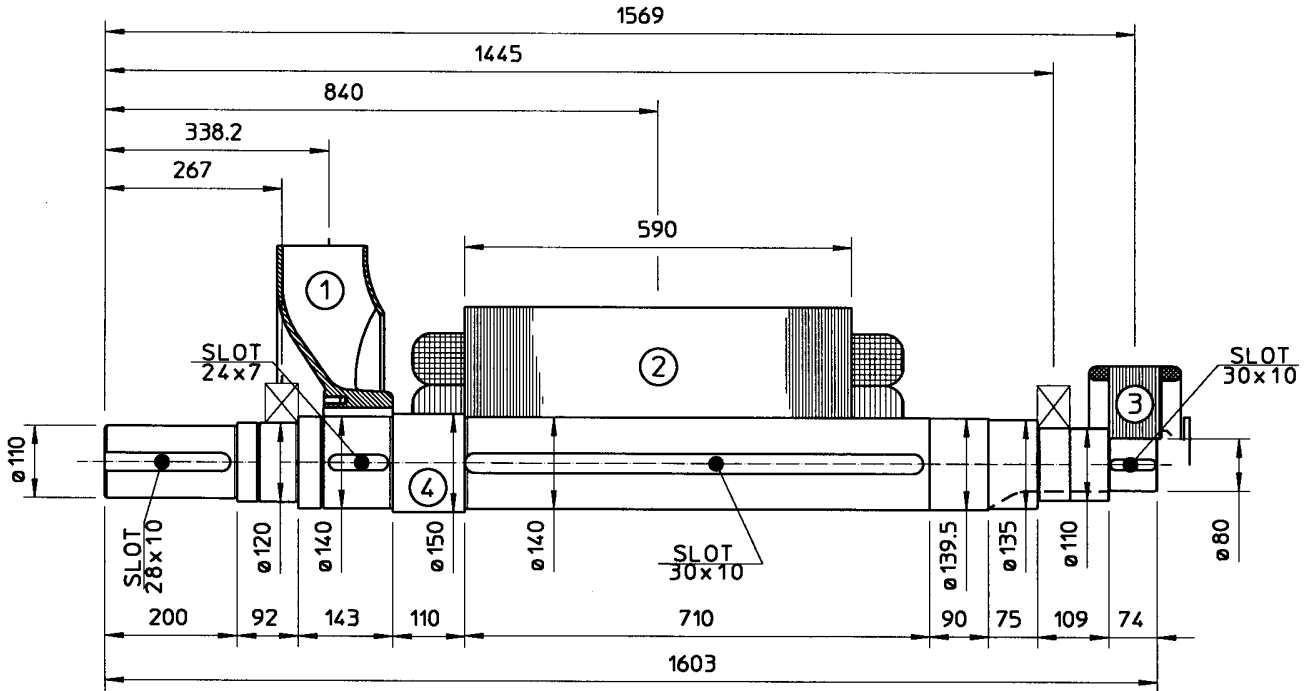
All technical data are to be considered as a reference and they can be modified without any notice.

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380V - 60 Hz

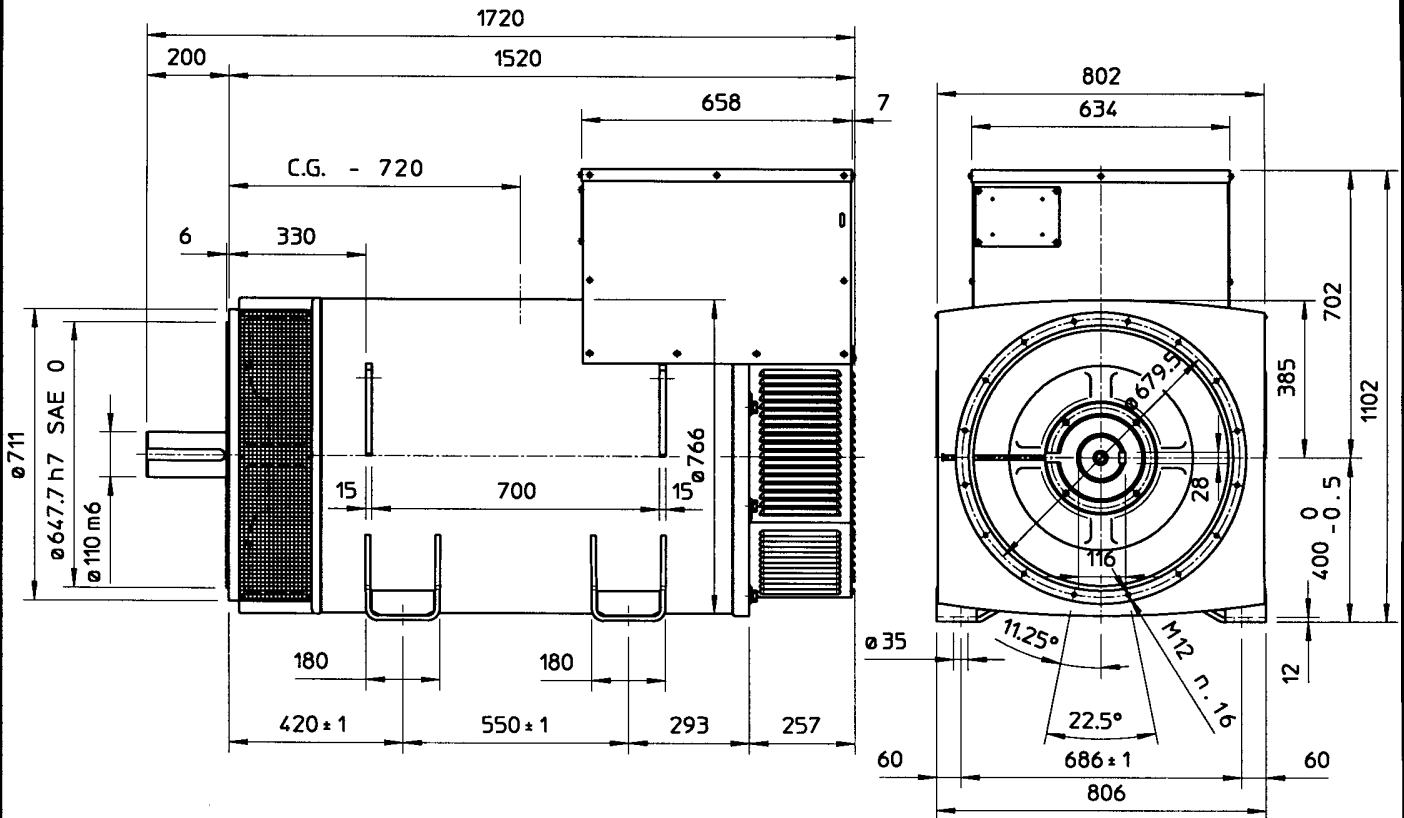


TWO BEARING MOMENTS OF INERTIA



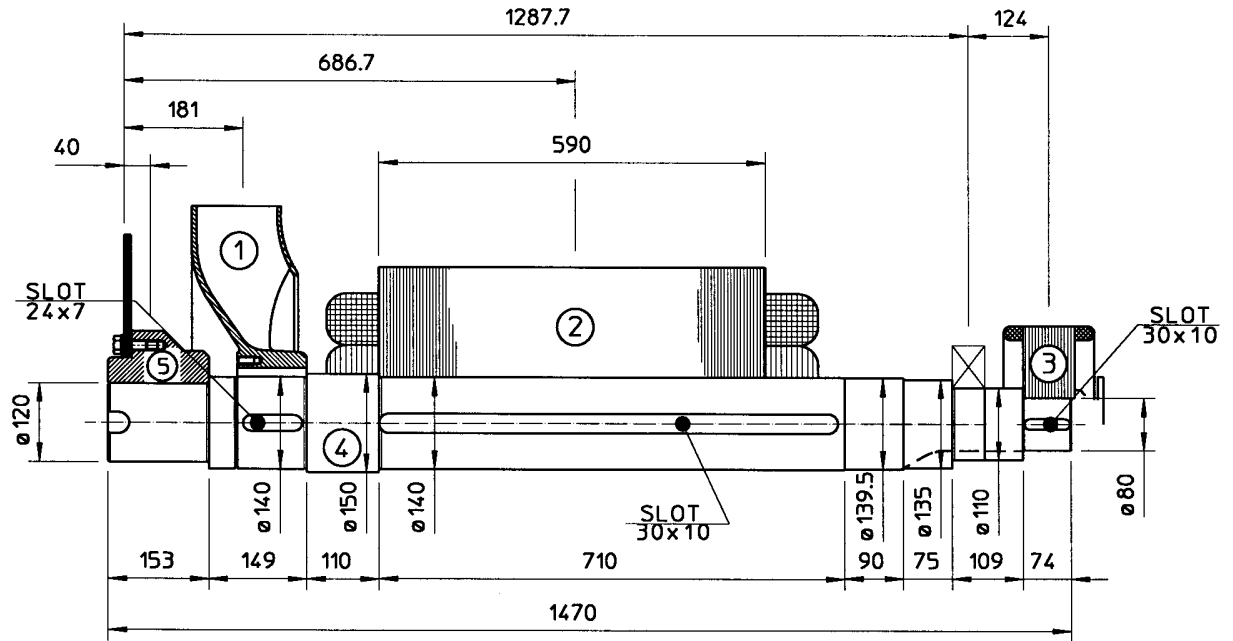
COMPONENT	WEIGHT kg	J kgm ²
1 FAN	27	1.12
2 MAIN ROTOR	642	19.761
3 EX. ROTOR	40	0.629
4 SHAFT	171.3	0.485
TOTAL	880.3	21.995

TWO BEARING DIMENSIONS



C.G.= GRAVITY CENTER

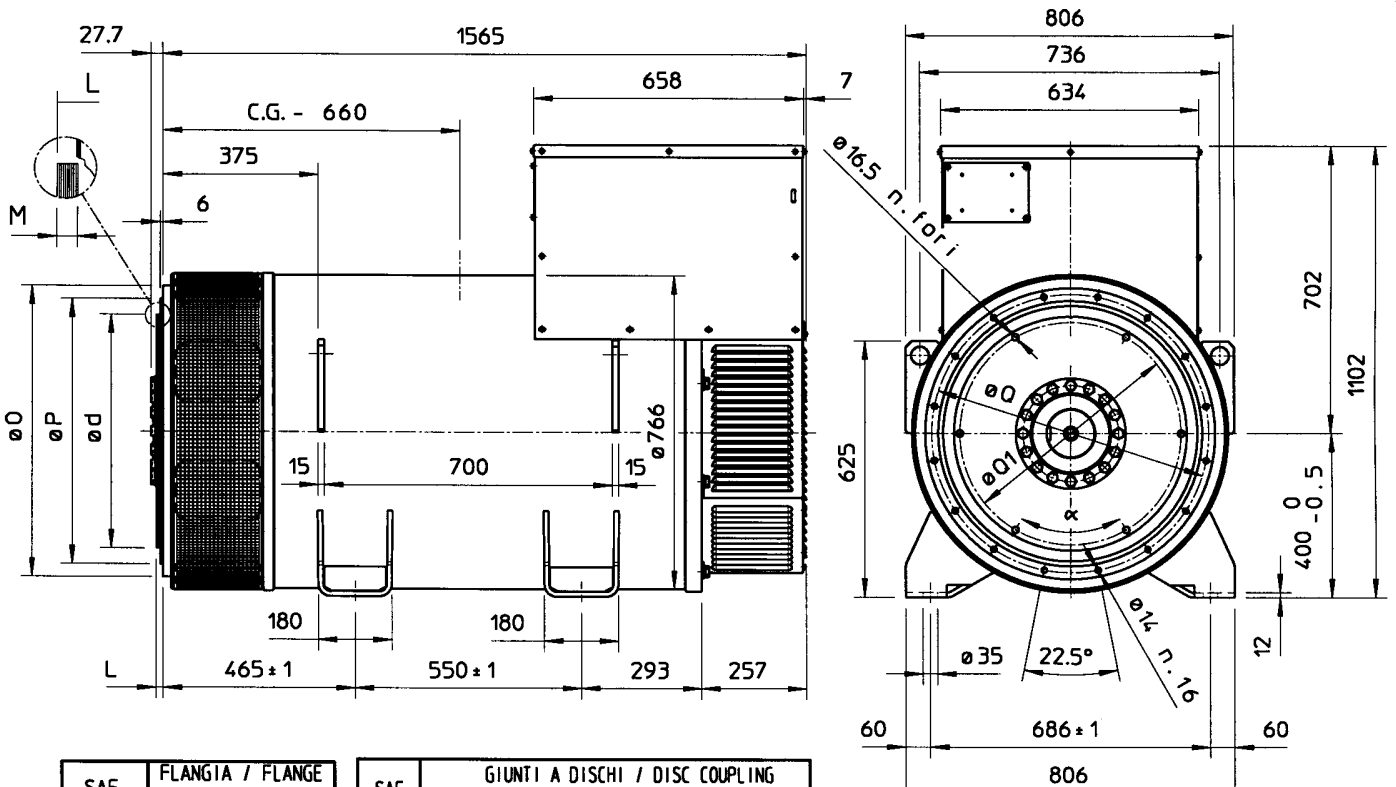
SINGLE BEARING MOMENTS OF INERTIA



COMPONENT	WEIGHT kg	J kgm ²
1 FAN	27	1.12
2 MAIN ROTOR	642	19.761
3 EX. ROTOR	40	0.629
4 SHAFT	162.5	0.460
TOTAL	871.5	21.97

SAE N.	5 SHAFTS COUPLING FLEX PLATE	WEIGHT kg	J kgm ²
18		69.9	1.065

SINGLE BEARING DIMENSIONS



SAE N.	FLANGIA / FLANGE BRIDE / FLANSCH		
	O	P	Q
0	711	647,7	679,5
00	883	787,4	850,9

SAE N.	GIUNTI A DISCHI / DISC COUPLING DISQUE DE MONPALIER / SCHEIBENKUPPLUNG						
	d	L	M	01	N.FOR	α	
18	571,5	15,7	10	542,92	6	60°	
21	673,1	0	12	641,35	12	30°	

C.G.= GRAVITY CENTER