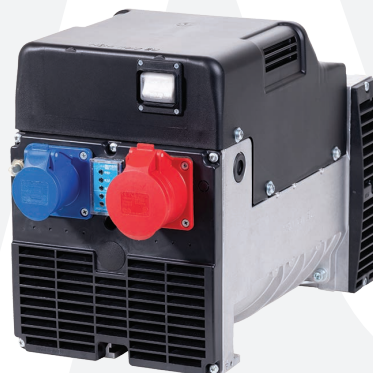


# ALTERNATORI TRIFASE - 2 Poli

## THREE-PHASE ALTERNATORS - 2 Poles

**Z112**  
A spazzole e compound  
Brush with Compound

**ZR112**  
A spazzole con AVR-d  
Brush with AVR-d



Caratteristiche tecniche
<b>Z112</b>
<b>Tensione standard</b> 50Hz: 230/400V, 240/415V 60Hz: 127/220V, 220/380V Altri valori a richiesta
<b>Classe d'isolamento H</b>
<b>Protezione IP 23</b>
<b>T.H.D. ≤ 5%</b>
<b>Precisione tensione ± 5% (cosφ = 0,9)</b>
<b>Capacità di spunto (Icc ≥ 4In)</b>
<b>Optional</b> Quadro elettrico, Carica batterie
<b>ZR112</b>
<b>Tensione standard</b> 50Hz: range 230÷240/400÷415V 60Hz: 127/220V, 220/380V Altri valori a richiesta
<b>Classe d'isolamento H</b>
<b>Protezione IP 23</b>
<b>T.H.D. ≤ 5%</b>
<b>Precisione tensione ± 1,5% (indipendentemente dal cosφ)</b>
<b>Capacità di spunto (Icc ≥ 3In)</b>
<b>Optional</b> Quadro elettrico, Carica batterie
<b>Regolatore automatico di tensione AVR960D</b> • Provvisto di protezioni per Sottovolatilità, Massima tensione, Massima corrente di eccitazione, Sovraccarico prolungato (max kVA) • Possibilità di regolare la tensione a distanza

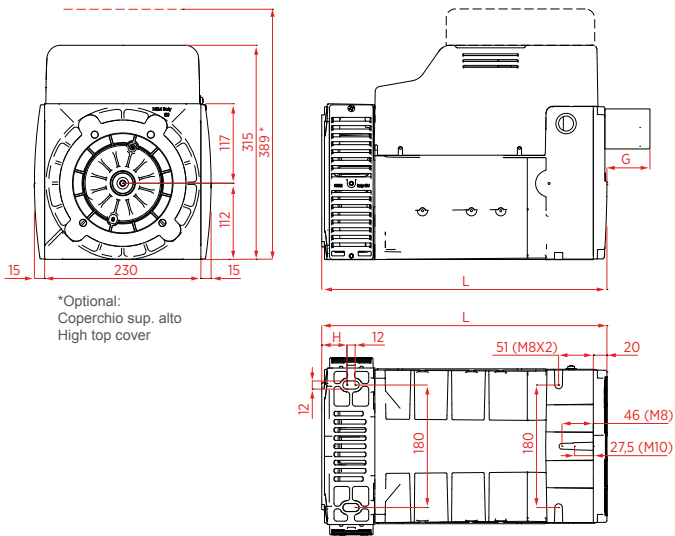
Technical characteristics
<b>Z112</b>
<b>Standard voltage</b> 50Hz: 230/400V, 240/415V 60Hz: 127/220V, 220/380V Other voltages on request
<b>Insulation class H</b>
<b>Protection IP 23</b>
<b>T.H.D. ≤ 5%</b>
<b>Voltage accuracy ± 5% (cosφ = 0,9)</b>
<b>Starting capacity (Icc ≥ 4In)</b>
<b>Optional</b> Electrical panel, Battery charger
<b>ZR112</b>
<b>Standard voltage</b> 50Hz: range 230÷240/400÷415V 60Hz: 127/220V, 220/380V Other voltages on request
<b>Insulation class H</b>
<b>Protection IP 23</b>
<b>T.H.D. ≤ 5%</b>
<b>Voltage accuracy ± 1,5% (regardless of cosφ)</b>
<b>Starting capacity (Icc ≥ 3In)</b>
<b>Optional</b> Electrical panel, Battery charger
<b>Automatic Voltage Regulator AVR960D</b> • Supplied with protections for Underspeed, Maximum voltage, Maximum excitation current, Prolonged overload (max kVA) • Remotely adjustable voltage regulator

Modello Model	Potenza Output Power		Potenza assorbita Driving Power		Potenza Output Power		Potenza assorbita Driving Power		Peso Weight		
	3 ph cosφ 0,8 [kVA]	1 ph Y cosφ 1 [kVA]	4/4 - cosφ 0,8 [kW]    η %		3 ph cosφ 0,8 [kVA]	1 ph Y cosφ 1 [kVA]	4/4 - cosφ 0,8 [kW]    η %		cone [kg]	B34 [kg]	SAE [kg]
	50Hz - 3000rpm				60Hz - 3600rpm						
Z112 SA	12,0	6,0	11,7	82,0	15,0	7,5	14,5	83,0	44,0	45,5	46,5
Z112 SB	13,5	7,0	13,0	83,0	17,0	8,5	16,2	84,0	49,0	50,5	51,5
Z112 SC	16,0	8,0	15,2	84,0	20,0	10,0	18,8	85,0	55,0	56,5	57,5
Z112 MA	20,0	10,0	18,6	86,0	25,0	12,5	23,0	87,0	67,0	68,5	69,5
Z112 MC	25,0	12,0	23,1	86,5	30,0	15,0	27,4	87,5	73,0	74,5	75,5
ZR112 SA	11,0	5,5	10,6	83,0	13,5	6,5	12,9	84,0	40,0	41,5	42,5
ZR112 SB	13,0	6,5	12,4	84,0	17,0	8,0	16,0	85,0	45,0	46,5	47,5
ZR112 SC	15,0	7,5	14,0	85,5	20,0	10,0	18,5	86,5	52,0	53,5	54,5
ZR112 SD	18,0	9,0	16,7	86,0	22,0	11,0	20,2	87,0	56,0	57,5	58,5
ZR112 MA	20,0	10,0	18,4	87,0	25,0	12,0	22,7	88,0	63,0	64,5	65,5
ZR112 MC	22,0	11,0	20,2	87,0	---	---	---	---	69,0	70,5	71,5

# Dimensioni di ingombro

## Overall Dimensions

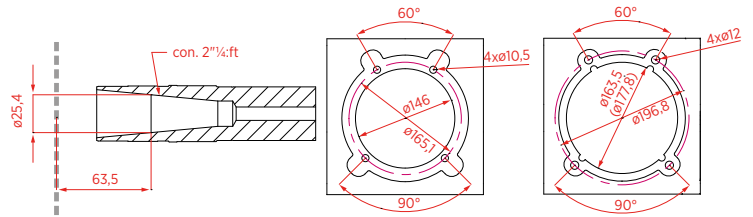
### CONE



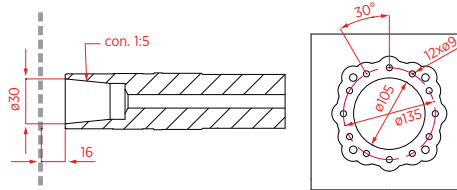
### J609b

C 25,4  
C 35

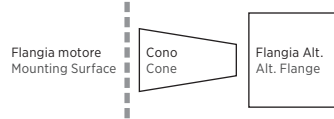
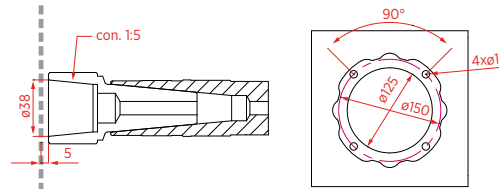
Fl. 163,5  
Fl. 177,8



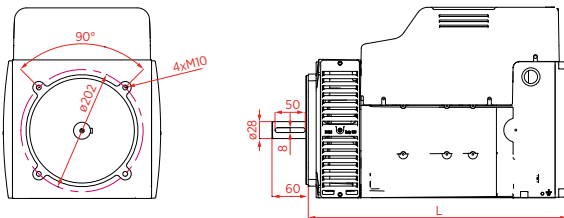
### C 30



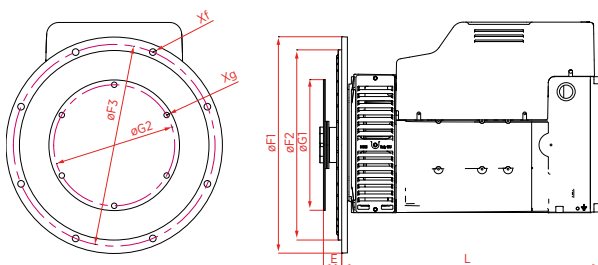
### C 38



### B34



### SAE



SAE	Flangia   Flange			
	ØF1	ØF2	ØF3	Xf
	[mm]			
5	358	314,33	333,4	Ø11 (8)
4	405	361,95	381,0	Ø11 (12)

SAE	Giunto   Joint			
	ØG1	ØG2	E	Xg
	[mm]			
6,5	215,9	200,02	30,2	Ø9 (6)
7,5	241,3	222,25	30,2	Ø9 (8)

	J609b - C 30		C 38		B34		SAE	
	L	H	L	H	L	H	L	H
	[mm]							
Z-ZR112 S-	419	37	439	57	428	46	431	49
Z-ZR112 MA	474	37	494	57	483	46	486	49
Z-ZR112 MC	489	37	509	57	498	46	501	49

Prese   Sockets	G
	[mm]
Schuko	10
CEE 16A	52
CEE 32A	64
NEMA	0

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