



### M112

#### Brushless a condensatore

Brushless with Capacitor  
Sin escobillas con condensador

### MR112

#### A spazzole con AVR

Brush with AVR  
Con escobillas y AVR

#### IT | Caratteristiche tecniche

<b>M112</b>
<b>Tensione standard</b> 50Hz: 230V, 240V 60Hz: 110/220V, 120/240V Altri valori a richiesta
<b>Classe d'isolamento H</b>
<b>Protezione IP 23</b>
<b>T.H.D. ≤ 6%</b>
<b>Precisione tensione ± 5% (cosφ = 1)</b>
<b>Capacità di spunto (Icc = 4In)</b>
<b>Optional</b> Quadro elettrico, Carica batterie

<b>MR112</b>
<b>Tensione standard</b> 50Hz: range 110÷120/220÷240V 60Hz: range 110÷120/220÷240V Altri valori a richiesta
<b>Classe d'isolamento H</b>
<b>Protezione IP 23</b>
<b>T.H.D. ≤ 6%</b>
<b>Precisione tensione ± 2% (indipendentemente dal cosφ)</b>
<b>Capacità di spunto (Icc &gt; 4In)</b>
<b>Optional</b> Quadro elettrico, Carica batterie

<b>Regolatore automatico di tensione AVR 860</b>
• Provvisto di protezioni per Sottovolatilità, Massima tensione, Massima corrente di eccitazione, Sovraccarico prolungato (max kVA)
• Possibilità di regolare la tensione a distanza

#### EN | Technical characteristics

<b>M112</b>
<b>Standard voltage</b> 50Hz: 230V, 240V 60Hz: 110/220V, 120/240V Other voltages on request
<b>Insulation class H</b>
<b>Protection IP 23</b>
<b>T.H.D. ≤ 6%</b>
<b>Voltage accuracy ± 5% (cosφ = 1)</b>
<b>Starting capacity (Icc = 4In)</b>
<b>Optional</b> Electrical panel, Battery charger

<b>MR112</b>
<b>Standard voltage</b> 50Hz: range 110÷120/220÷240V 60Hz: range 110÷120/220÷240V Other voltages on request
<b>Insulation class H</b>
<b>Protection IP 23</b>
<b>T.H.D. ≤ 6%</b>
<b>Voltage accuracy ± 2% (regardless of cosφ)</b>
<b>Starting capacity (Icc &gt; 4In)</b>
<b>Optional</b> Electrical panel, Battery charger

<b>Automatic Voltage Regulator AVR 860</b>
• Supplied with protections for Underspeed, Maximum voltage, Maximum excitation current, Prolonged overload (max kVA)
• Remotely adjustable voltage regulator

#### ES | Características técnicas

<b>M112</b>
<b>Voltaje estándar</b> 50Hz: 230V, 240V 60Hz: 110/220V, 120/240V Otros valores a pedido
<b>Clase de aislamiento H</b>
<b>Protección IP 23</b>
<b>T.H.D. ≤ 6%</b>
<b>Precisión del voltaje ± 5% (cosφ = 1)</b>
<b>Capacidad de arranque (Icc = 4In)</b>
<b>Opcional</b> Cuadro eléctrico, Carga baterías

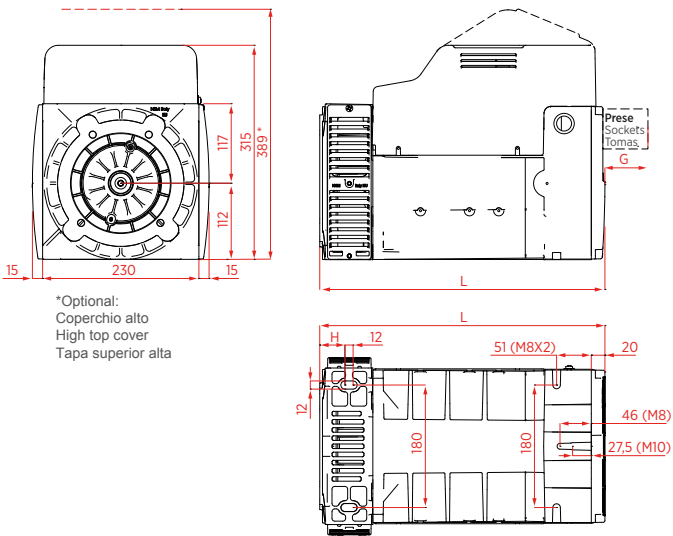
<b>MR112</b>
<b>Voltaje estándar</b> 50Hz: gama 110÷120/220÷240V 60Hz: gama 110÷120/220÷240V Otros valores a pedido
<b>Clase de aislamiento H</b>
<b>Protección IP 23</b>
<b>T.H.D. ≤ 6%</b>
<b>Precisión del voltaje ± 2% (independientemente de cosφ)</b>
<b>Capacidad de arranque (Icc &gt; 4In)</b>
<b>Opcional</b> Cuadro eléctrico, Carga baterías

<b>Regulador automático de voltaje AVR 860</b>
• Equipado con protecciones para Sub-velocidad, Máxima tensión eléctrica, Máxima corriente de excitación, Sobrecarga prolongada (max kVA)
• Posibilidad de regulación de la tensión a distancia

Modello Model Modelo	Potenza Output Power Potencia		Potenza assorbita Driving Power Potencia absorbida		Potenza Output Power Potencia		Potenza assorbita Driving Power Potencia absorbida		Peso Weight Peso		
	cosφ 1 [kVA]	cosφ 0,8 [kVA]	4/4 - cosφ 1 [kW]    η %		cosφ 1 [kVA]	cosφ 0,8 [kVA]	4/4 - cosφ 1 [kW]    η%		cone [kg]	B34 [kg]	SAE [kg]
50Hz - 3000rpm					60Hz - 3600rpm						
<b>M112 SB</b>	10,0	---	12,6	79,5	13,0	---	16,1	80,5	43,0	44,5	45,5
<b>M112 SC</b>	12,0	---	14,8	81,0	15,0	---	18,3	82,0	48,0	49,5	50,5
<b>M112 SD</b>	13,0	---	16,0	81,5	17,0	---	20,6	82,5	51,5	53,0	54,0
<b>M112 MB</b>	16,0	---	19,4	82,5	20,0	---	24,0	83,5	66,0	67,5	68,5
<b>MR112 SA</b>	9,0	7,2	11,3	79,5	11,0	8,8	13,7	80,5	38,0	39,5	40,5
<b>MR112 SB</b>	10,0	8,0	12,4	80,5	13,0	10,5	16,0	81,5	43,0	44,5	45,5
<b>MR112 SC</b>	12,5	10,0	15,2	82,0	15,0	12,0	18,1	83,0	48,0	49,5	50,5
<b>MR112 MA</b>	15,0	12,0	18,0	83,5	18,0	14,5	21,3	84,5	62,0	63,5	64,5
<b>MR112 MC</b>	16,5	13,5	19,5	84,5	20,0	16,0	23,4	85,5	68,0	69,5	70,5

CONE

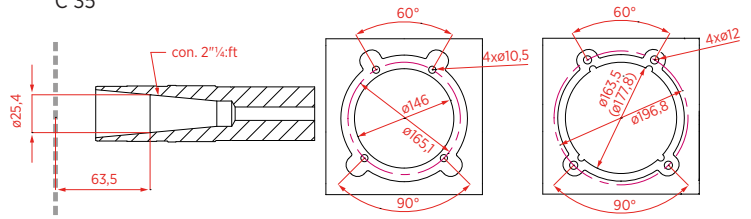
Overall Dimensions  
Dimensiones



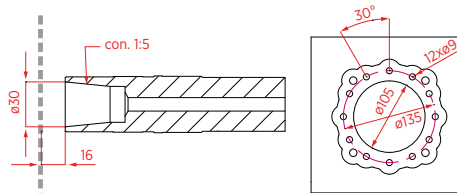
J609b

C 22  
C 25,4  
C 35

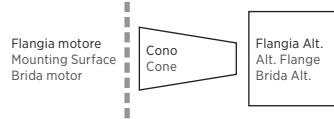
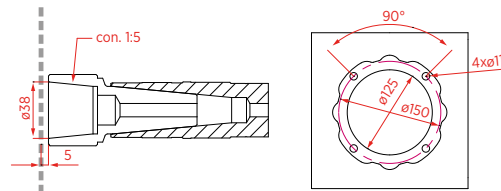
Fl. 163,5  
Fl. 177,8



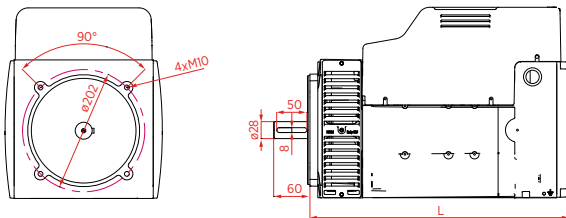
C 30



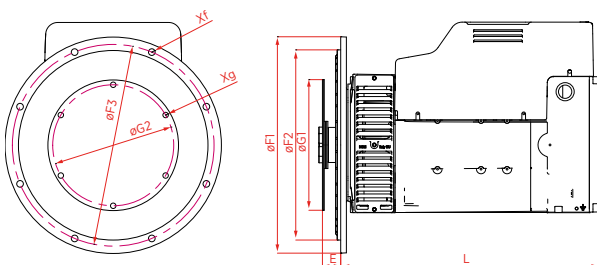
C 38



B34



SAE



Flangia   Flange   Brida					Giunto   Joint   Junta				
SAE	ØF1	ØF2	ØF3	Xf	SAE	ØG1	ØG2	E	Xg
[mm]					[mm]				
5	358	314,33	333,4	Ø11 (8)	6,5	215,9	200,02	30,2	Ø9 (6)
4	405	361,95	381,0	Ø11 (12)	7,5	241,3	222,25	30,2	Ø9 (8)

	J609b - C 30		C 38		B34		SAE		Prese   Sockets   Tomas	G
	L	H	L	H	L	H	L	H		[mm]
[mm]										
M-MR112 S-	419	37	439	57	428	46	431	49	Schuko	10
M112 MB / MR112 MA	474	37	494	57	483	46	486	49	CEE 16A	52
MR112 MC	489	37	509	57	498	46	501	49	CEE 32A	64
									NEMA	0

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