



**FOTO DEL MOTORE – LATO PIGNONE**  
*PHOTO OF ENGINE DRIVE SIDE*



**FOTO DEL MOTORE – LATO OPPOSTO**  
*PHOTO OF ENGINE OPPOSITE SIDE*

**INFORMAZIONI TECNICHE – TECHNICAL INFORMATION**
**A**
**CARATTERISTICHE - FEATURES**

		Tolleranze Tolerances
<b>Cilindrata massima - Max Displacement</b>	<b>60cc</b>	
<b>Alesaggio massimo - Maximum Bore</b>	<b>42,1mm</b>	
<b>Corsa - Stroke</b>	<b>43mm</b>	<b>+/- 0,10 mm.</b>
<b>Sistema di ammissione - Inlet system</b>	<b>Piston Port</b>	
<b>Sistema di raffreddamento – Cooling system</b>	<b>Ad aria libera – Free Air</b>	
<b>Carburatore Mini Kart - Carburettor Mini Kart</b>	<b>Da 18,00mm., a vaschetta, di tipo non elettronico, con omologazione nazionale in corso di validità. 18.00 mm. Float type, with no electronic system, with national homologation currently valid.</b>	
<b>Numero dei canali di ammissione – Transfers number</b>	<b>2</b>	
<b>Larghezza della luce di scarico - Exhaust port width</b>	<b>28mm Dima fornita dal costruttore Template supplied by Manufacturer.</b>	<b>+ 0,1mm - 0,2 mm</b>
<b>Larghezza della luce di aspirazione - Inlet port width</b>	<b>26mm Dima fornita dal costruttore. Template supplied by Manufacturer.</b>	<b>+ 0,1mm - 0,2mm</b>
<b>Peso del pistone (con fascia elastica senza spinotto). Piston weight (with ring without piston pin).</b>	<b>62g.</b>	<b>+/- 10% del peso totale ±10% of total weight</b>
<b>Peso dell'albero motore comprensivo di biella, escluso pistone. Weight of the crankshaft with con-rod, without piston.</b>	<b>1200g.</b>	<b>+/- 3% del peso totale ±3% of total weight</b>
<b>Spinotto – Piston Pin</b>	<b>12,5g</b>	<b>+/- 10% del peso totale ±10% of total weight</b>
<b>Biella - Conrod</b>	<b>88mm</b>	<b>+/-0,1mm</b>

<b>Volume della camera di combustione</b> <i>Combustion chamber volume</i>	<b>6,8cc minimo, verificabile con inserto (come da procedura)</b> <i>6,8cc minimum, checked with the insert (as by procedure)</i>	
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<b>Frizione – Clutch:</b> Disegno unico uguale per tutti. Corona di avviamento anche di materiale non magnetico, con esclusione dei materiali esotici e nobili  <i>Drawing unique and same for everyone. It's allowed making starter gear with non-magnetic materials, with the exception of exotic and noble materials.</i>	<b>Peso Completo: 800 g min.</b> <i>Complete Clutch Weight: 800g minimum.</i>  <b>Diametro interno della campana: 85,00 mm max.</b> <i>Clutch drum internal diameter: 85.00 mm max</i>  <b><u>Dimensioni Frizione disegno unico uguale per tutti</u></b> <i><u>Clutch dimensions Drawing unique and same for everyone.</u></i>	
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<b>Forma della camera di combustione</b> <i>Combustion chamber shape</i>	<b>Sferica, verifica con dima fornita dal Costruttore per verificare Forma e banda di SQUISH</b> <i>Spherical, checked shape and SQUISH with a template provided by Manufacturer.</i>	
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<b>Pignone - Sprocket</b>	<b>Z11</b>	
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<b>Piede del cilindro – Cylinder base</b>	<b>Dima (minima e massima)</b> <i>Template (minimum and maximum)</i>	<b>+/- 2mm</b>
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<b>Accensione</b>	<b>SELETTA Mod. "LC 23915"</b> <b>N° Omologazione – Homologation N°</b> <b>CSAI 01/ACZ/14</b>	
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<b>B</b>	<b>DISTRIBUZIONE – TIMING ANGLES</b> <b>(misurati con spessimetro da mm. 0,20 avente larghezza mm 5)</b> <i>(measured with inserting a wedge 0.20mm thick and 5mm wide)</i>	
		<b>Tolleranze</b> <i>Tolerance</i>
<b>Angolo di ammissione – Angle of inlet</b>	<b>144°</b>	<b>max.</b>
<b>Angolo di scarico – Angle of exhaust</b>	<b>156°</b>	<b>max.</b>
<b>Angolo travasi – Angle of transfers</b>	<b>112°</b>	<b>±2°</b>

**C** **MATERIALI - MATERIALS**

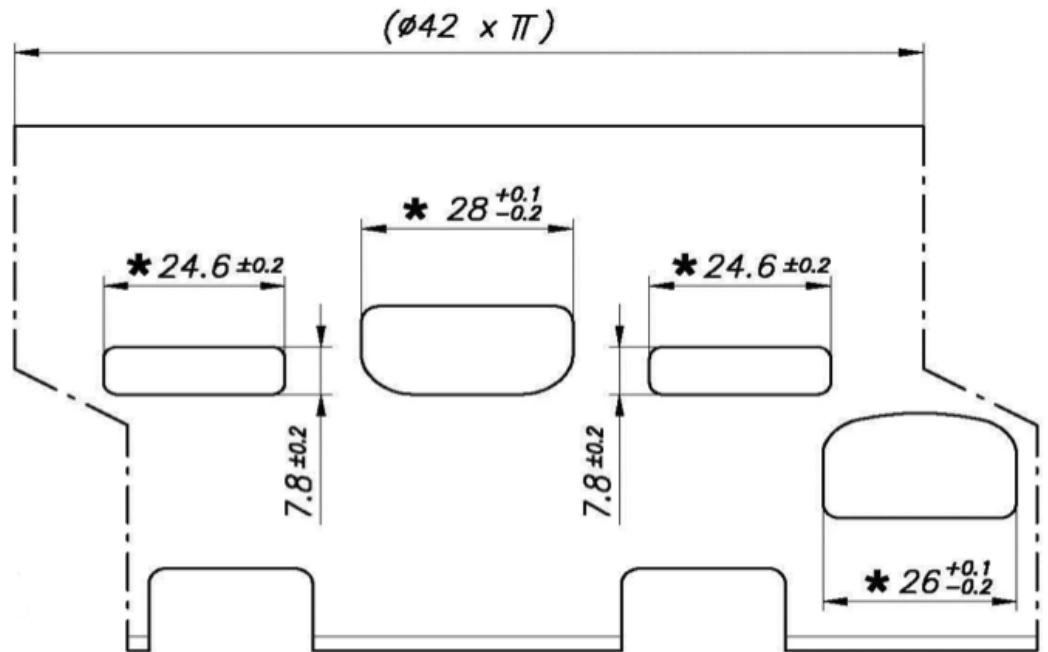
**CILINDRO:**

**In lega d'alluminio, con canna interna in ghisa con esclusione di cromatura, nikasil e trattamenti con materiali esotici.**

**CYLINDER:**

*Made by aluminium cast, with cast iron liner, with the exclusion of chromium, nikasil and exotic material treatments.*

DISEGNO DELLO SVILUPPO DEL CILINDRO – DRAWING OF CYLINDER DEVELOPMENT

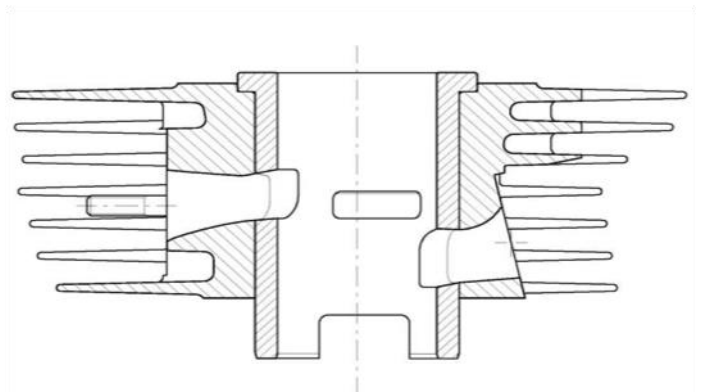
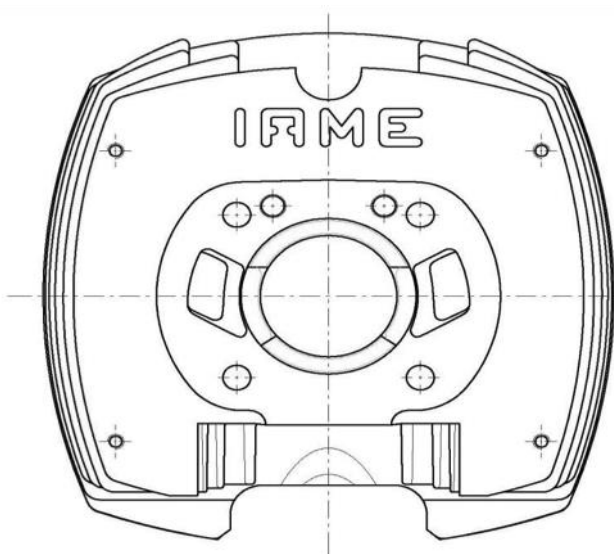


\* MISURE CORDALI

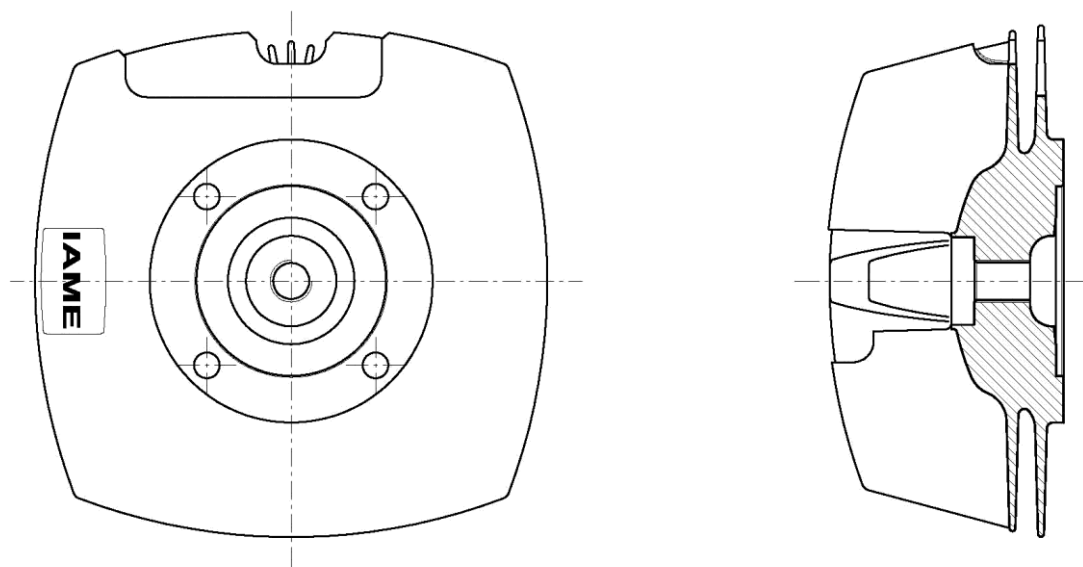
\* CHORDAL DIMENSIONS

DISEGNO DEL PIEDE DEL CILINDRO  
DRAWING OF BASE CYLINDER

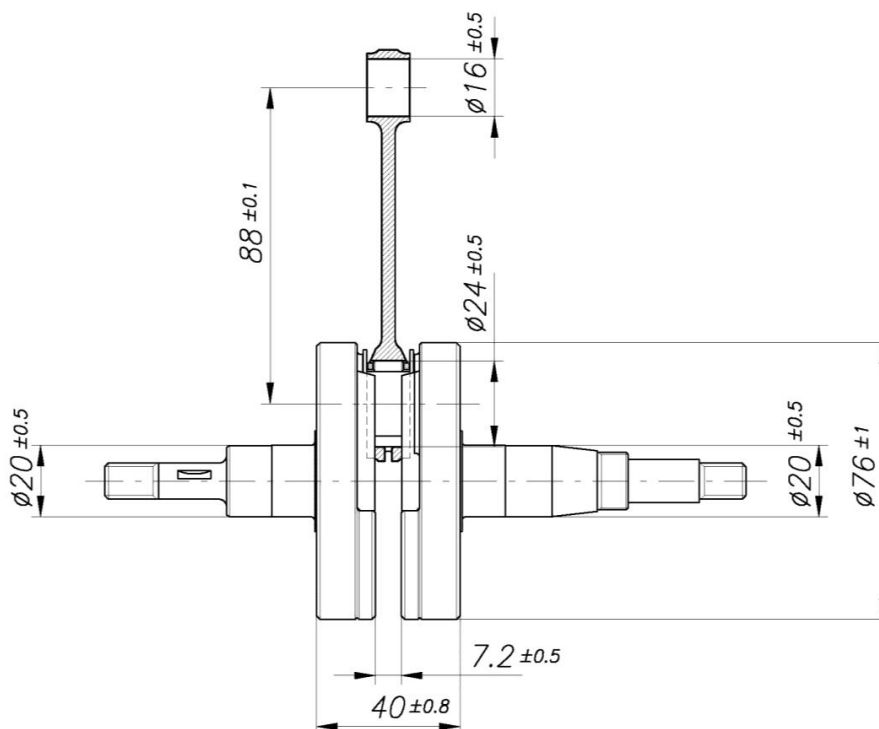
VISTA IN SEZIONE DEL PIEDE DEL CILINDRO  
CYLINDER CROSS SECTION VIEW



**DISEGNO DELLA TESTA E DELLA CAMERA DI COMBUSTIONE**  
*DRAWING OF CYLINDER HEAD AND COMBUSTION CHAMBER*



**DISEGNO E QUOTE DELL'ALBERO MOTORE (attacco rotore accensione Ø 10mm)**  
*DRAWING WITH DIMENSIONS OF CRANKSHAFT (ignition rotor mount Ø 10mm)*



**Foto dell'albero motore separato, evidenziando le masse (guancette) per equilibratura  
in materiale plastico**

*Photos of open crankshaft, highlighting the balancing masses in plastic material.*



**FOTO DELLA BIELLA Lato DX**  
*PHOTO OF CONROD RIGHT SIDE*

**FOTO DELLA BIELLA Lato SX**  
*PHOTO OF CONROD LEFT SIDE*

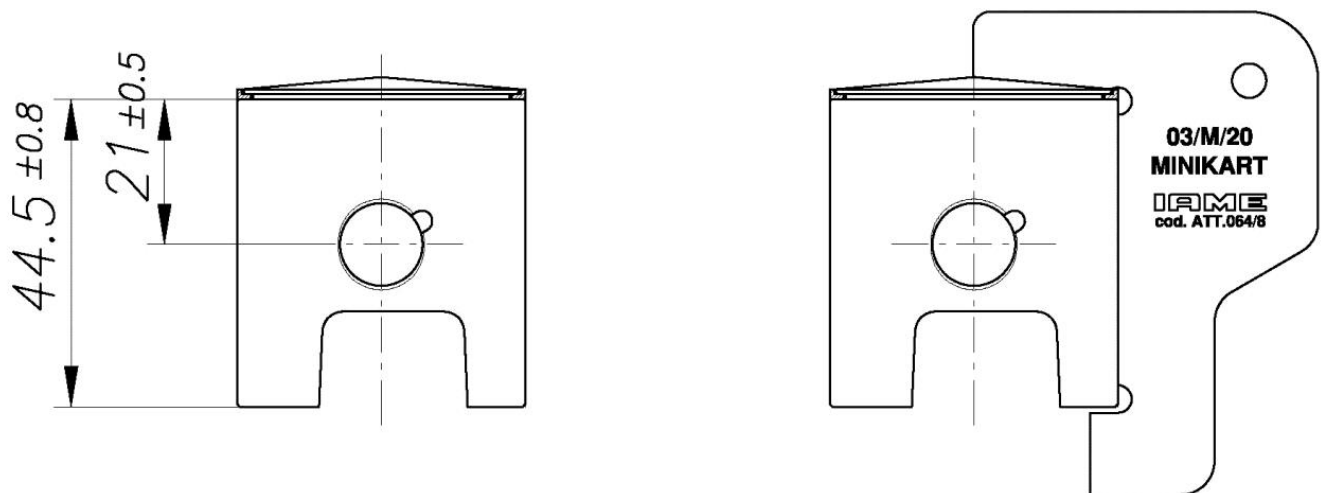




**FOTO DEL PISTONE – PISTON PHOTO**



**DIMENSIONI, QUOTE E DIMA FORNITA DAL COSTRUTTORE**  
*DIMENSIONS AND TEMPLATE SUPPLIED BY MANUFACTURED*

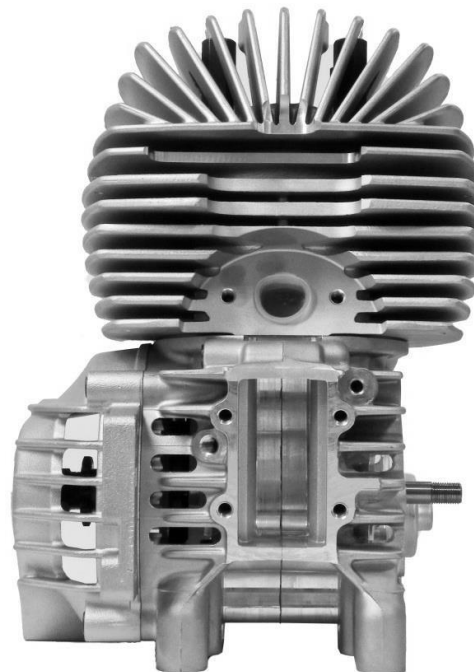




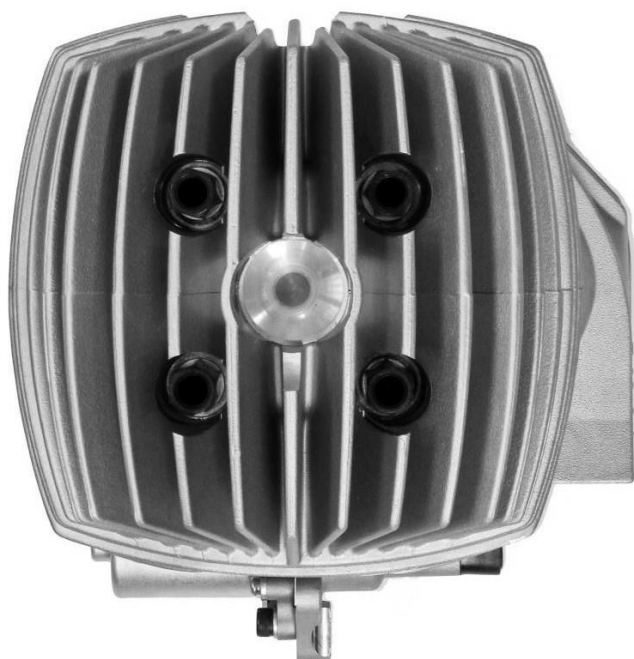
**FOTO DEL LATO POSTERIORE DEL MOTORE**  
*PHOTO OF ENGINE REAR SIDE*



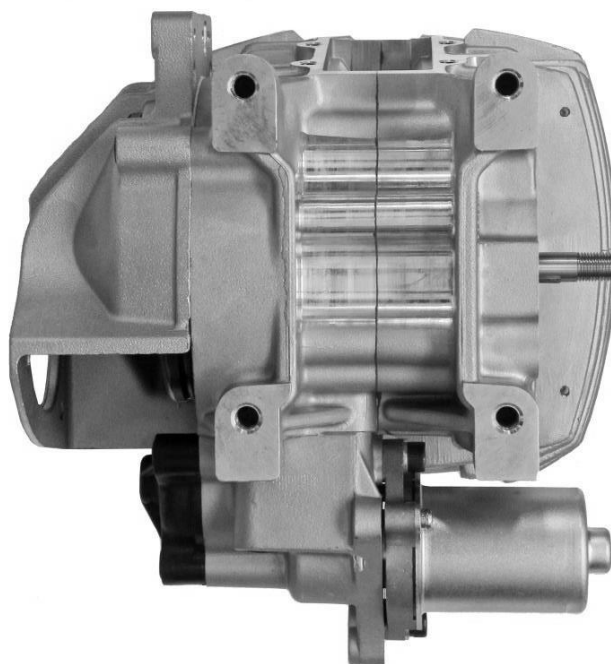
**FOTO DEL LATO ANTERIORE DEL MOTORE**  
*PHOTO OF ENGINE FRONT SIDE*



**FOTO DEL MOTORE LATO SUPERIORE**  
*PHOTO OF ENGINE UPPER SIDE*



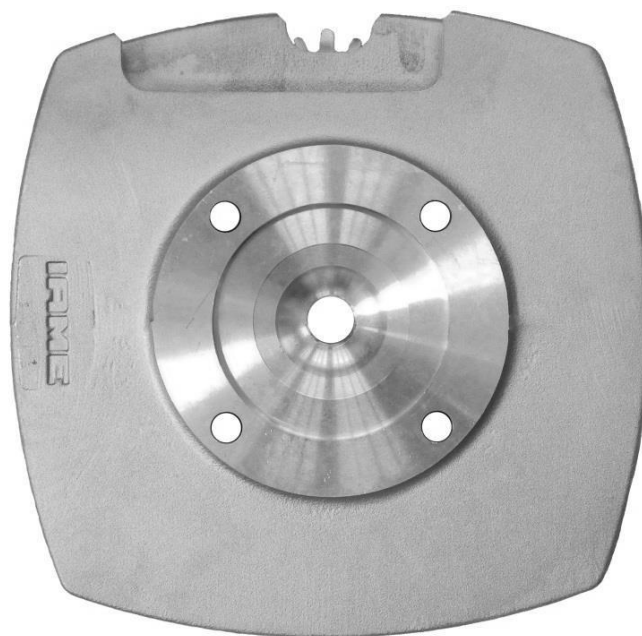
**FOTO DEL MOTORE LATO INFERIORE**  
*PHOTO OF ENGINE LOWER SIDE*



**FOTO DEL PIEDE DEL CILINDRO**  
*PHOTO OF CYLINDER BASE*



**FOTO DELLA CAMERA DI COMBUSTIONE**  
*PHOTO OF COMBUSTION CHAMBER*



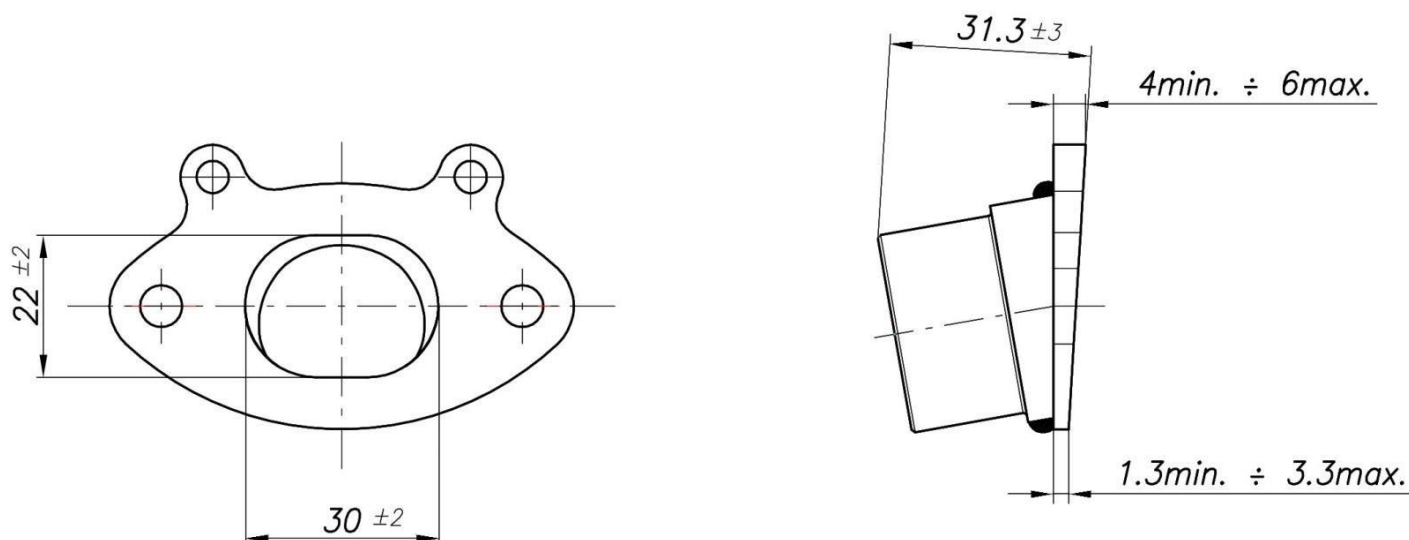
**FOTO DEL CARTER INTERNO SX**  
*PHOTO OF INNER LEFT CRANKCASE*



**FOTO DEL CARTER INTERNO DX**  
*PHOTO OF INNER RIGHT CRANKCASE*



**DISEGNO E QUOTE DEL COLLETTORE DI SCARICO**  
*DRAWING AND DIMENSIONS OF EXHAUST MANIFOLD*

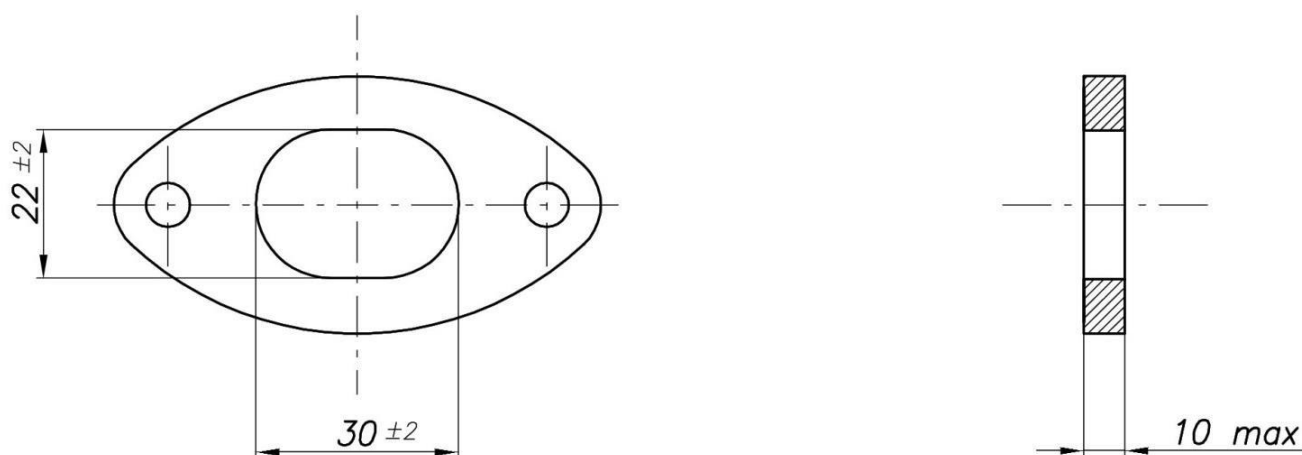


**DISEGNO E QUOTE DELLA FLANGIA TRA COLLETTORE DI SCARICO E CILINDRO**  
*DRAWING AND DIMENSIONS OF FLANGE BETWEEN EXHAUST MANIFOLD AND CYLINDER*

**OPTIONAL: Spessore – Thickness: 10mm Max.**

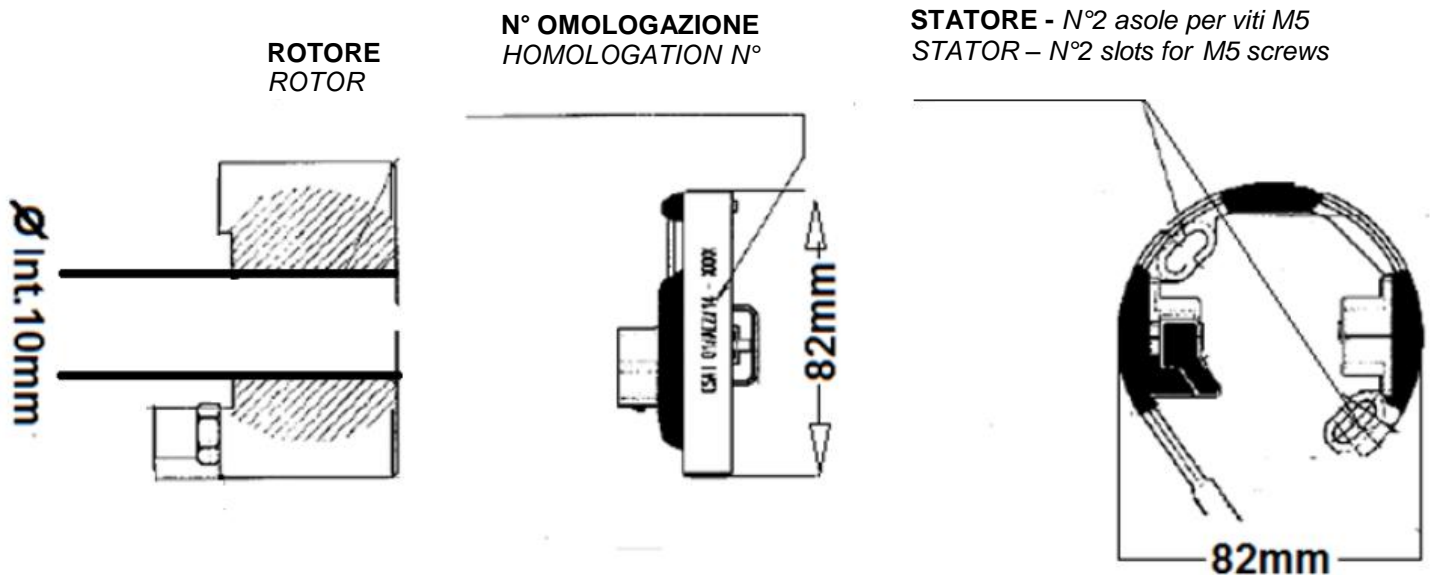
**Materiale: Alluminio, Acciaio Ferroso Magnetico**

*Material: Aluminium, Magnetic Steel*



**QUOTE ACCENSIONE – IGNITION DIMENSIONS**

**FIG. 6 – Dimensioni dello statore e del rotore dell'accensione, uniche per tutti.**  
*Ignition's dimensions of stator and rotor, unique for all.*

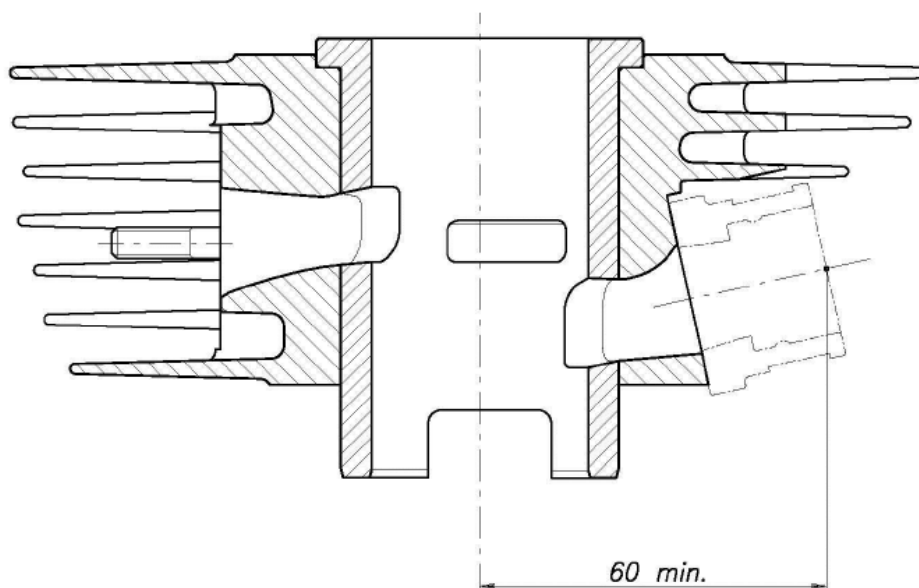


**Marca – Make: SELETTRA**

**Modello - Model: LC 23915**

**n° Omologazione – Homologation N° : “CSAI 01/ACZ/14”**

**DISTANZA MINIMA DEL PIANO APPOGGIO CARBURATORE DALL'ASSE DEL CILINDRO**  
*MINIMUM DISTANCE OF THE CARBURETTOR FITTING PLANE FROM CYLINDER AXIS*





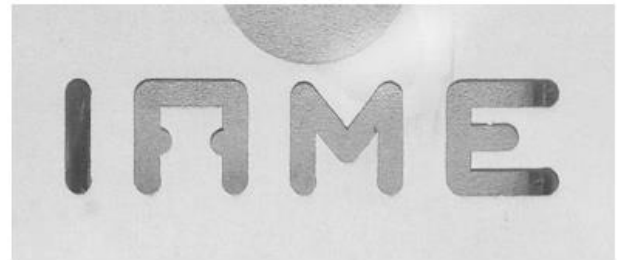
**Foto dove si evidenzia la marcatura dei 7 Particolari:**

*Photos which highlights marking 7 details:*

**Testa – Cylinder Head**



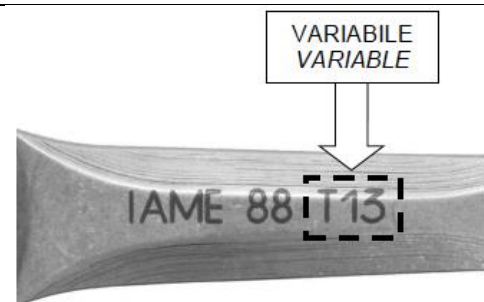
**Cilindro - Cylinder**



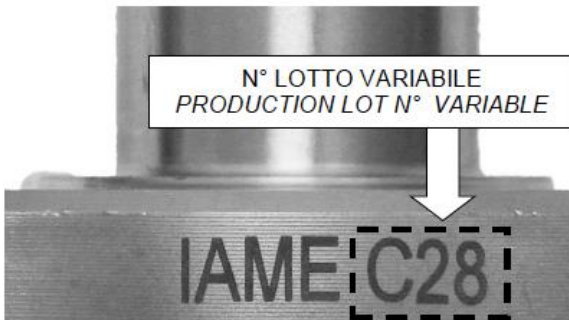
**Canna Cilindro – Cylinder Liner**



**Biella - Conrod**



**Albero motore - Crankshaft**



**Pistone - Piston**



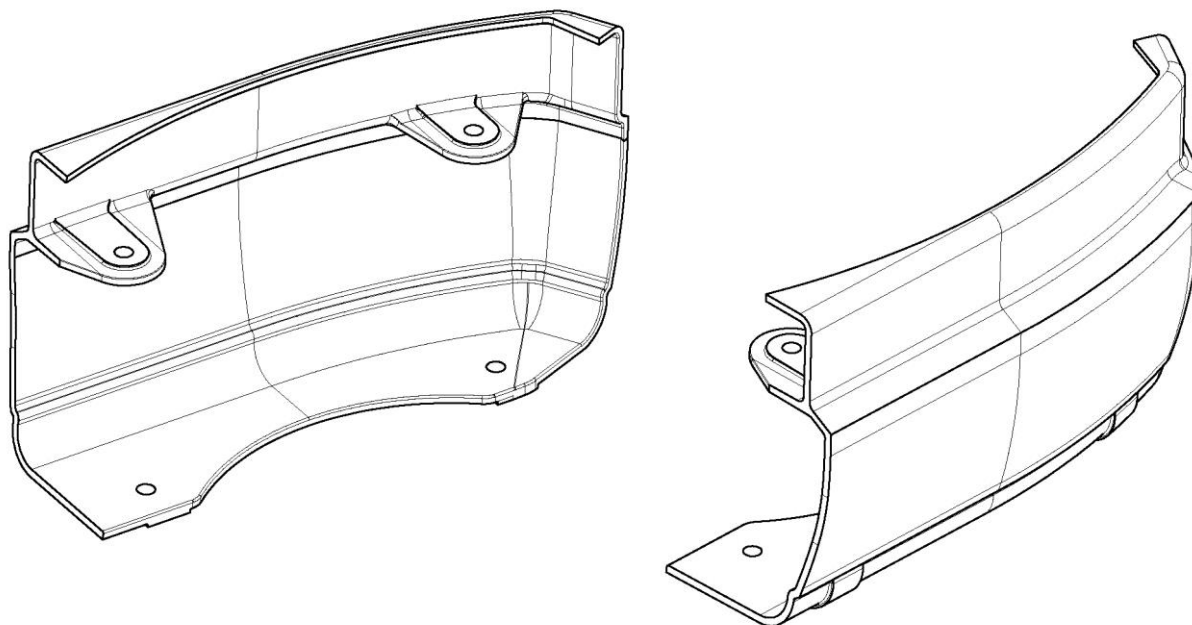
**Carter Motore DX – Half Crankcase  
Right**



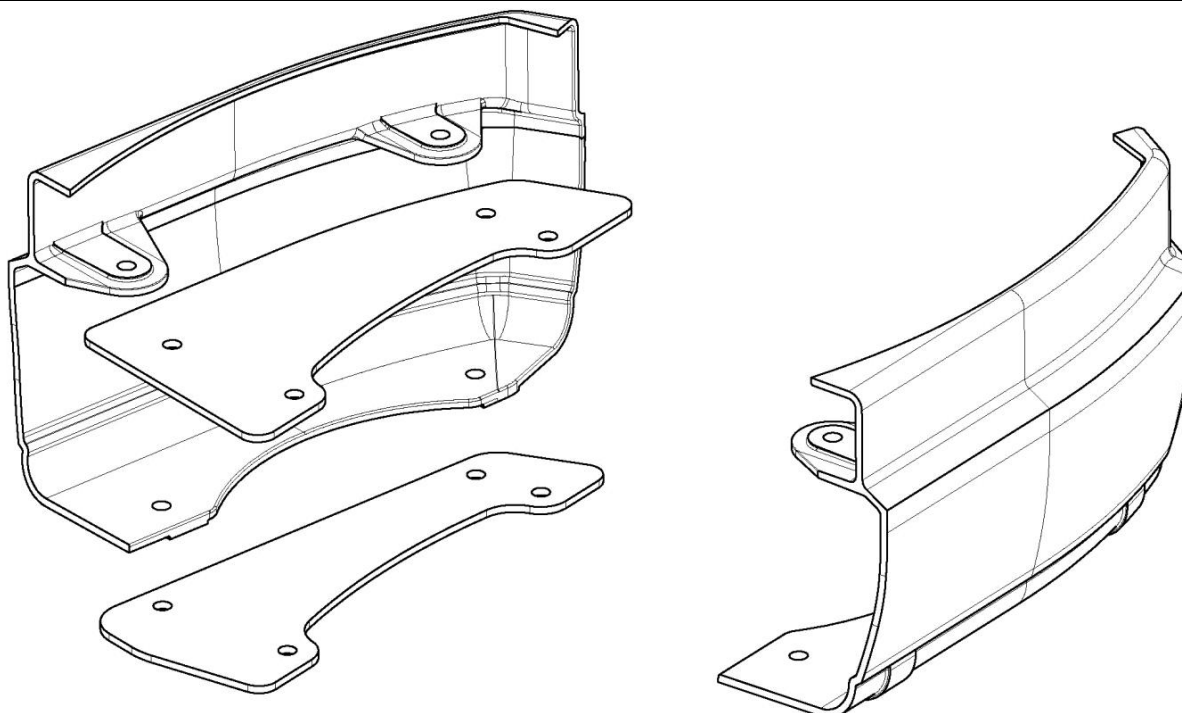
**Carter Motore SX – Half Crankcase  
Left**



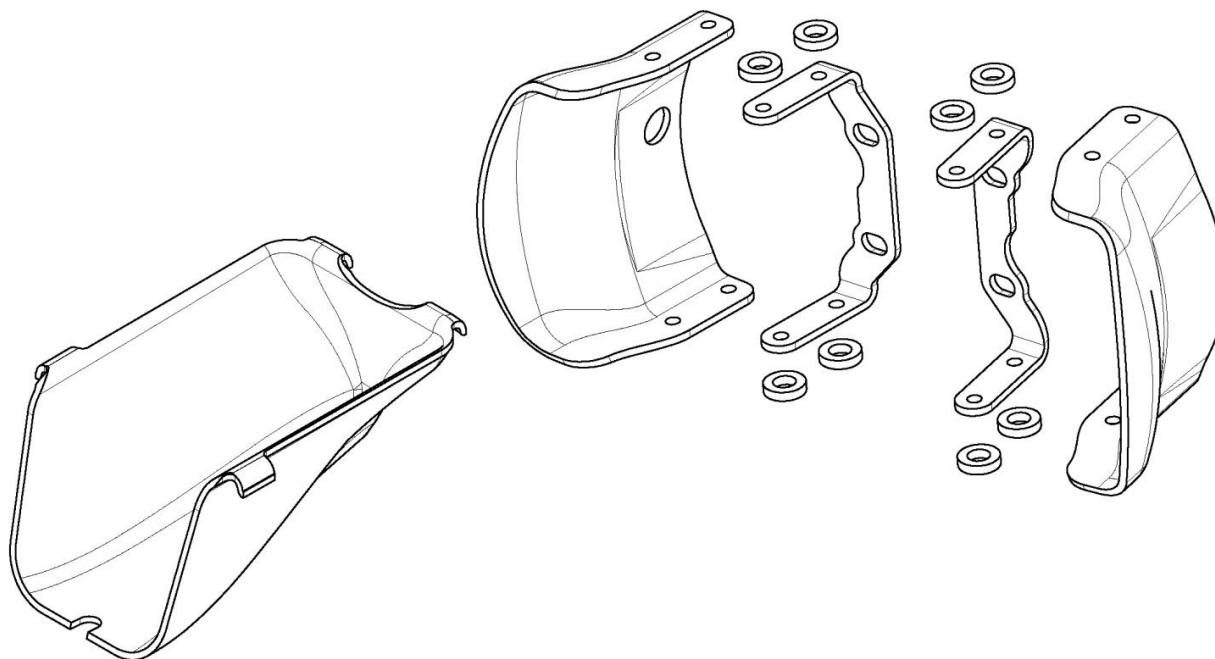
**CONVOGLIATORI CILINDRO (OPZIONALI)**  
*CYLINDER CONVEYORS (OPTIONALS)*



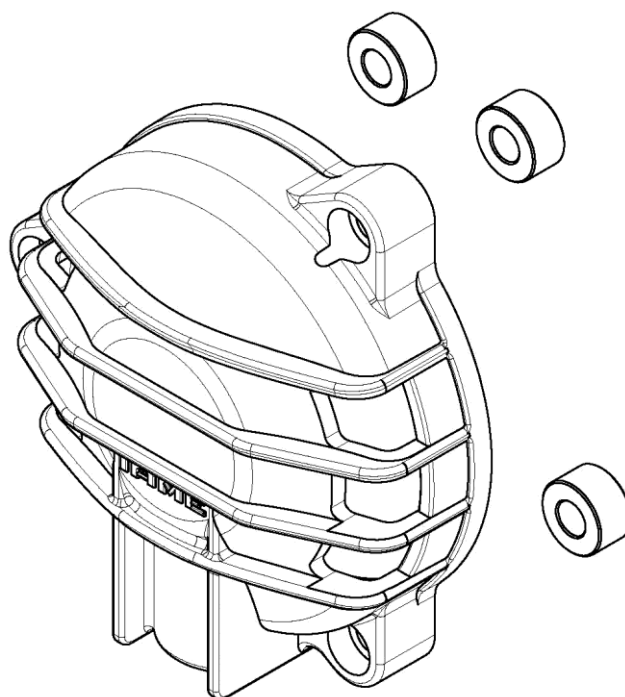
**CONVOGLIATORI CILINDRO E PROLUNGHE (OPZIONALI)**  
*CYLINDER CONVEYORS AND EXTENTIONS (OPTIONALS)*



**CONVOGLIATORI BASAMENTO (OPZIONALI)**  
*CRANKCASE CONVEYORS (OPTIONALS)*

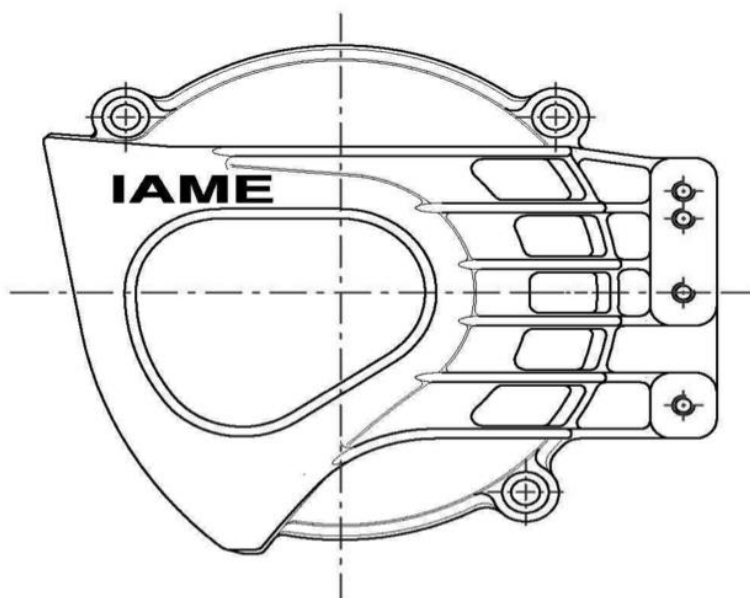


**COPERCHIO ACCENSIONE (OPZIONALE)**  
*IGNITION COVER (OPTIONAL)*

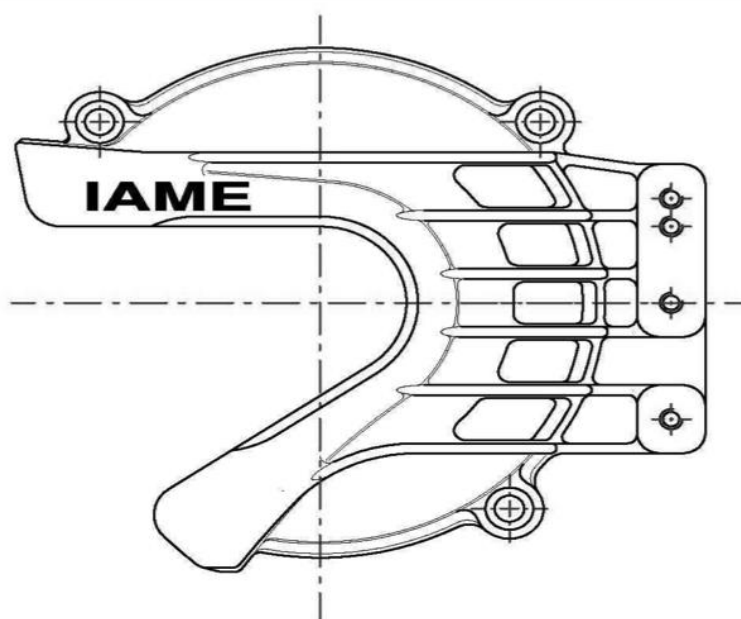




**COPERCHIO FRIZIONE – FORMA ALTERNATIVA**  
*CLUTCH COVER – ALTERNATIVE SHAPE*



**ALTERNATIVA**  
*ALTERNATIVE*



**DISEGNO DELLA MARMITTA E DEI SUOI ELEMENTI – DRAWING OF MUFFLER  
AND ITS ELEMENTS  
CI.60cc MiniKART**

**Spessore Minimo lamiera 0,80mm, il primo pezzo della marmitta evidenziato con le quote, A e B dovrà essere costruito in due curve stampate e saldate ai lati.**

*Minimum sheet thickness must be 0.80 mm, the first part of the muffler shown with dimensions A and B, must be built in two shaped shells and laterally welded.*

Dimensioni – Dimensions:

A = 190mm ±3mm

B = 240mm ±3mm

C = diametro esterno – external diametre = 31mm ±1.5mm

