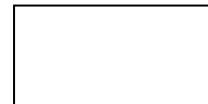
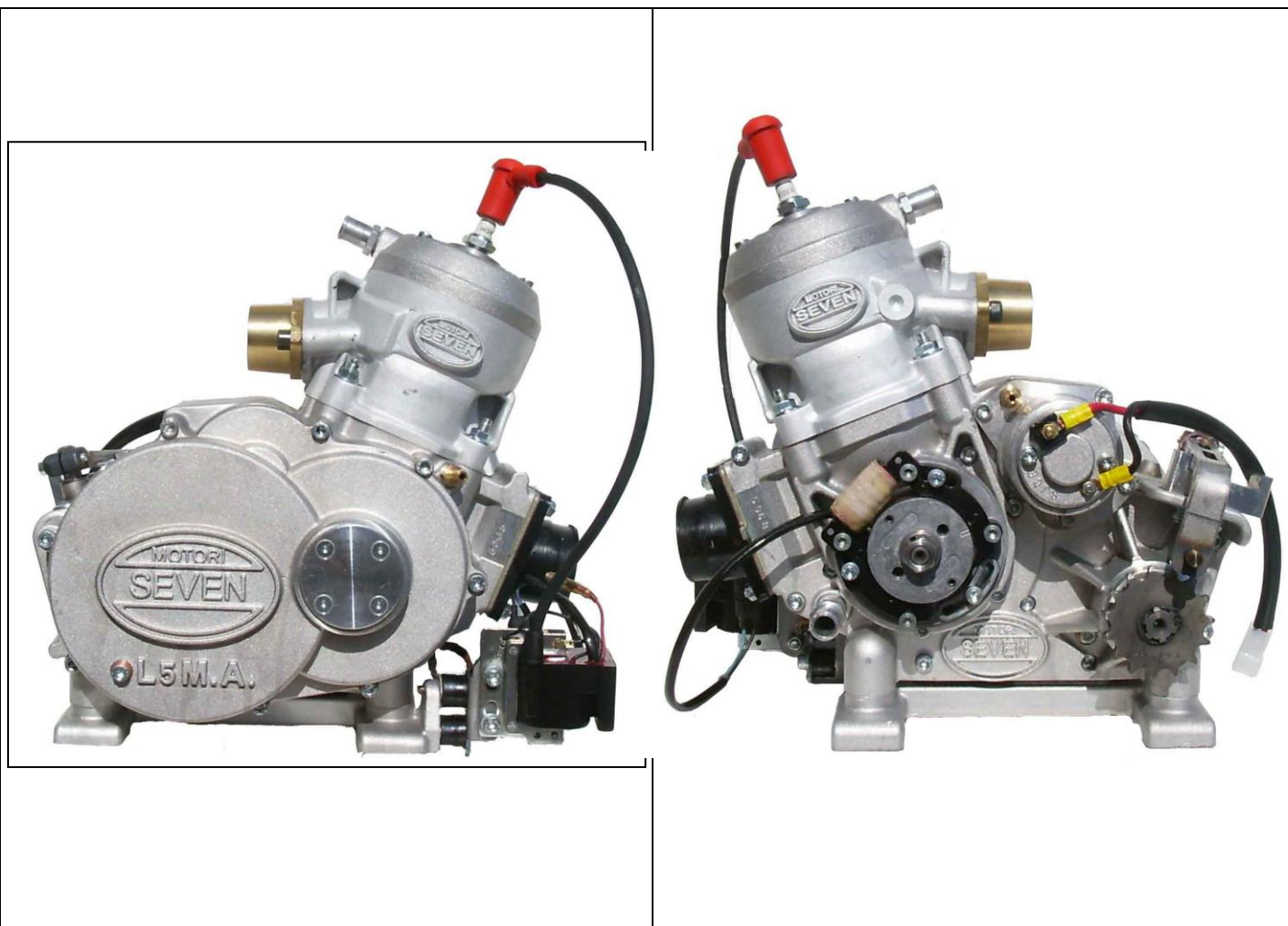


FICHE D'OMOLOGATION
HOMOLOGATION FORM



Motori Seven
47023 Cesena (FC)
Via Perticara 130
47023 Cesena (FC)
ITALY

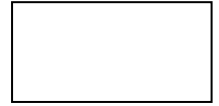
Constructeur	Manufacturer	Motori Seven
Marque	Make	Motori Seven
Modèle	Model	L5 M.A. 175 cc
Type d'admission	Inlet type	Reed Valve
Nombre de pages	Number of pages	9



DESSIN DU MOTEUR
DRAWING OF ENGINE

Signature et tampon de
Signature and stamp of the

MOTORI SEVEN
di BENEDETTI OSCAR
Via Perticara, 130
47023 CESENA - FC
Part. IVA 03110790403



INFORMATIONS TECHNIQUES		TECHNICAL INFORMATON	
A	CARACTERISTIQUES	A	CHARACTERISTICS
		Measurement	Tolerances
Volume du cylindre	Volume of cylinder	174.91 cm³	175 cm³
Alésage d'origine	Original bore	64.mm	
Alésage théorique max	Theoretical maximum bore	64.08	
Course	Stroke	54.40	
Systeme de refroidissement	Cooling system	Water cooled	
Nombre de systèmes de carburation	Number of carburation systems	1	
Nombre de canaux de transfert,cylindre/carter	Number of transfer ducts, cylinder / sump	5	
Nombre de lumières / canaux d'échappement	Number of exhaust ports / ducts	3	
Forme de la chambre de combustion	Shape of the combustion chamber	Spherical – with squish	
Longueur(entre-axe) de la bielle	Length between axes of the connecting rod	110	± 0.1 mm
Volume de la chambre de combustion	Volume of combustion chamber	15 cc	minimum

B	ANGLE D'OUVERTURE	B	OPENING ANGLES
	De l'échappement	Exhaust	185° maximun
C	ACCESSOIRES INCLUS	C	ACCESSORIES INCLUDED
	<i>Carbuateur Dell'Orto Ø 36</i>		<i>Carburetor Dell'Orto Ø 36</i>
	<i>Démarrreur électric</i>		<i>Electric starter</i>
	<i>Batterie</i>		<i>Battery</i>
	<i>Embrayage centrifuge</i>		<i>Centrifugal clutch</i>

D	MATEIAU	D	MATERIAL
	Cylindre ALUMINIUM		Cylinder ALUMUNIUM AL - SI
	Bielle ACIER		Conrod STEEL NI CT MO
	Vilebrequin ACIER		Crankshaft STEEL NI CR MO
	Calasse ALUMINIUM		Head ALUMUNIUM AL - SI
	Chemise ALUMINIUM + NICASIL		Liner ALUMUNIUM+ NICASIL
	Carter ALUMINIUM		Crankcase ALUMUNIUM AL - SI
	Piston ALUMINIUM		Piston ALUMUNIUM AL - SI
	Segments ACIER		Piston Ring STEEL

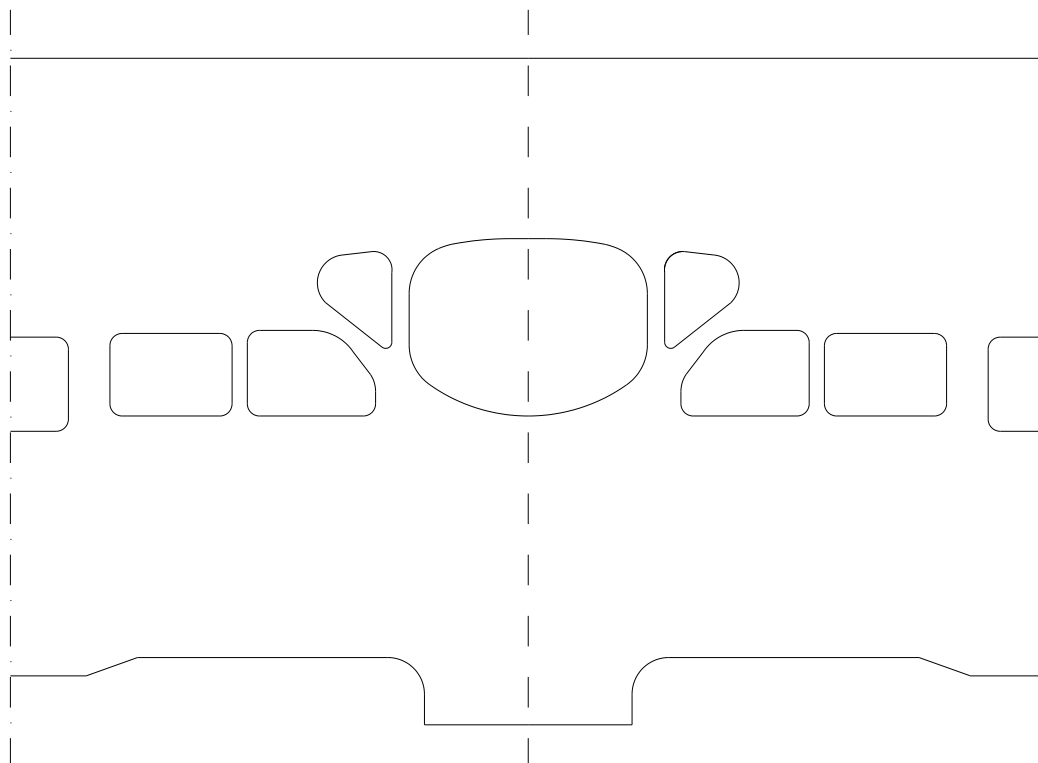


**DESSIN DU DEVELOPPEMENT DU
CYLINDRE**

**DRAWING OF THE CYLINDER
DEVELOPMENT**

Lecture angulare par insertion d'une cale de 0,2mm
Angular reading by inserting a 0,2mm

185° maximum

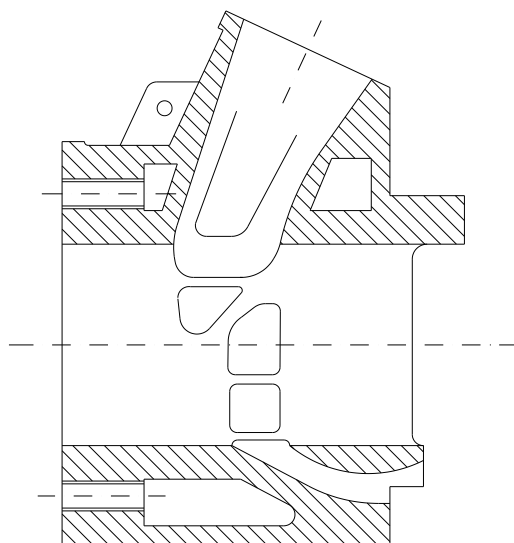
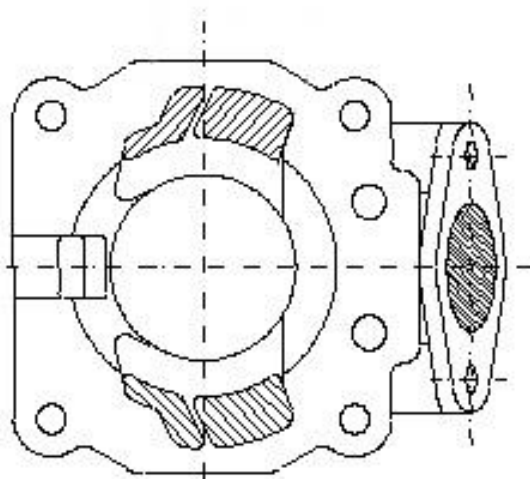


**DESSIN DU PIED DU
CYLINDRE**

**DRAWING OF THE
CYLINDER BASE**

**VUE EN SECTION DU
CYLINDRE**

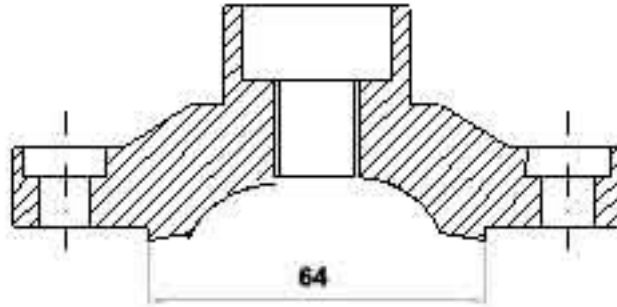
**CYLINDER SECTION
VIEW**





DESSIN DE LA CULASSE ET DE LA CHAMBRE DE COMBUSTION

DRAWING OF THE CYLINDER HEAD AND THE COMBUSTION CHAMBER



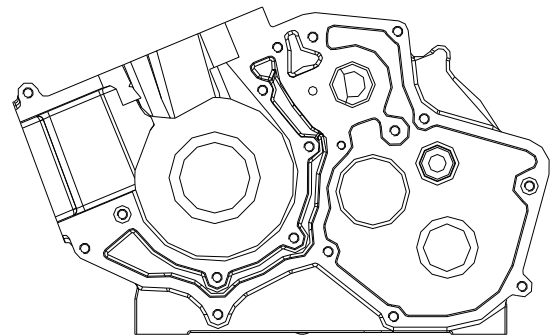
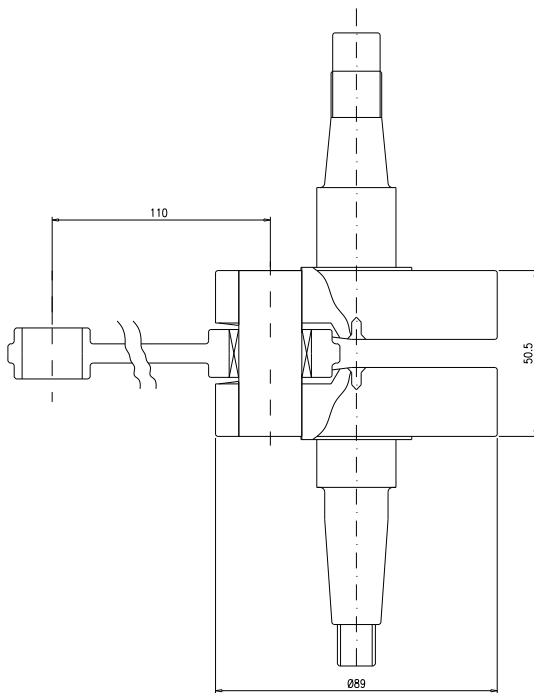
Volume chambre combustion = 9 cc min
Combustion chamber volume = 9 cc. min

DESSIN DU VILEBREQUIN

DRAWING OF THE CRANKSHAFT

DESSIN INTERIEUR DU CARTER

DRAWING OF THE INSIDE OF SUMP





DIMENSION DU CARBURATEUR

CARBURATOR DIMENSION



**DELL'ORTO
PHBE Ø 36**

PISTON

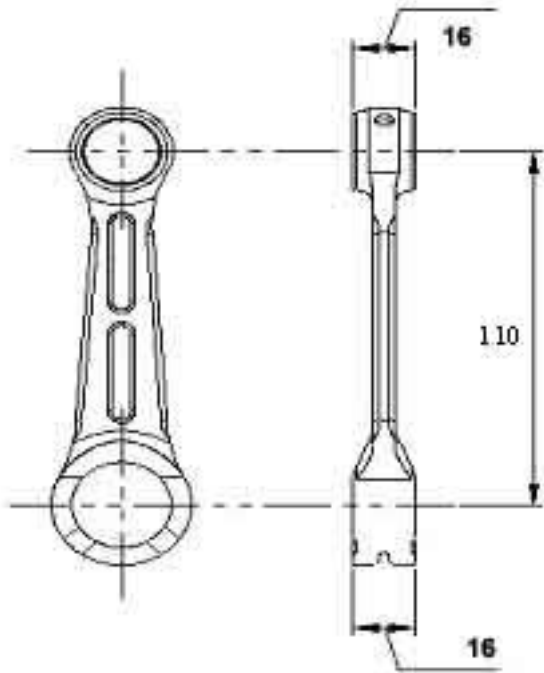
PISTON

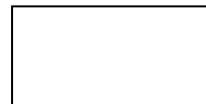
**ENTRE AXE DE LA
BIELLE**

***DISTANCE BETWEEN
CONROD CENTERS***



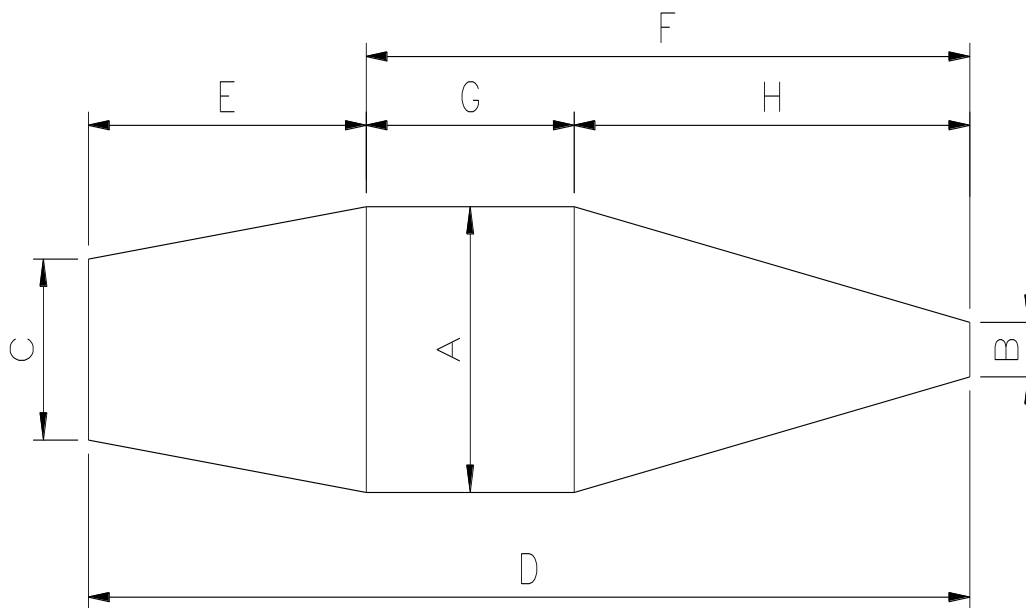
± 0,1





DESSIN DU SILENCIEUX ET DES SES ELEMENTS

DRAWING OF THE SILENCER AND IT'S COMPONENTS



Les parties terminales du silencieux doivent présenter deux paires d'anneaux soudés (une en haut et une en bas), pour retenir le sceau en plomb fixé par l'Organisateur pour que le silencieux ne puisse pas être ouvert pendant la compétition.

The end parts of the silencer must have two soldered pairs of lugs (one pair at the top and one pair at the bottom) to allow for fixing of seals by the Organizer so that the silencer may be opened during the competition

Cotes / Readings:

- A: 115
- B: 20
- C: 66.5
- D: 424
- E: 133.5
- F: 290.3
- G: 100
- H: 190.3

TOLERANCES

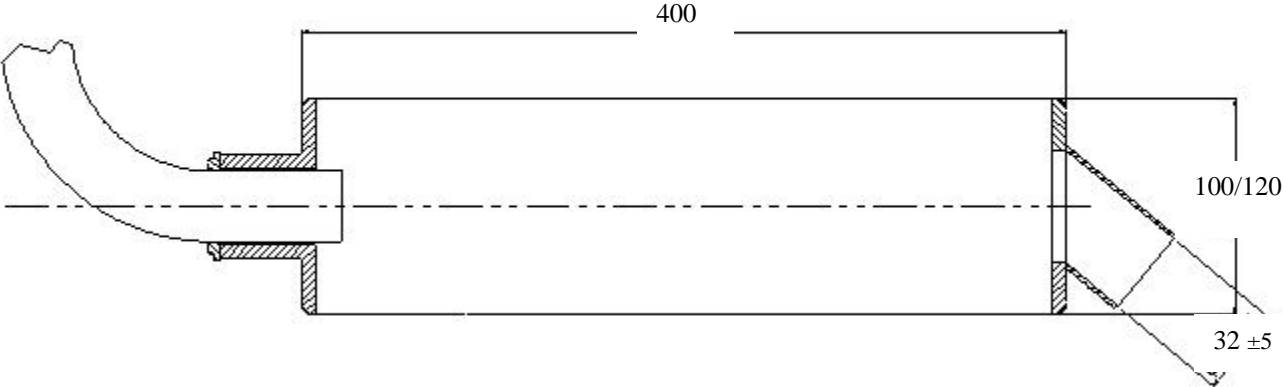
Cotes brutes / Rough dimensions

- Jusque – Up to 25mm ± 1mm
- De à – From to 26-60mm ± 1.5mm
- Plus que – More than 60mm ± 3mm



DESSIN DU SILENCIUX

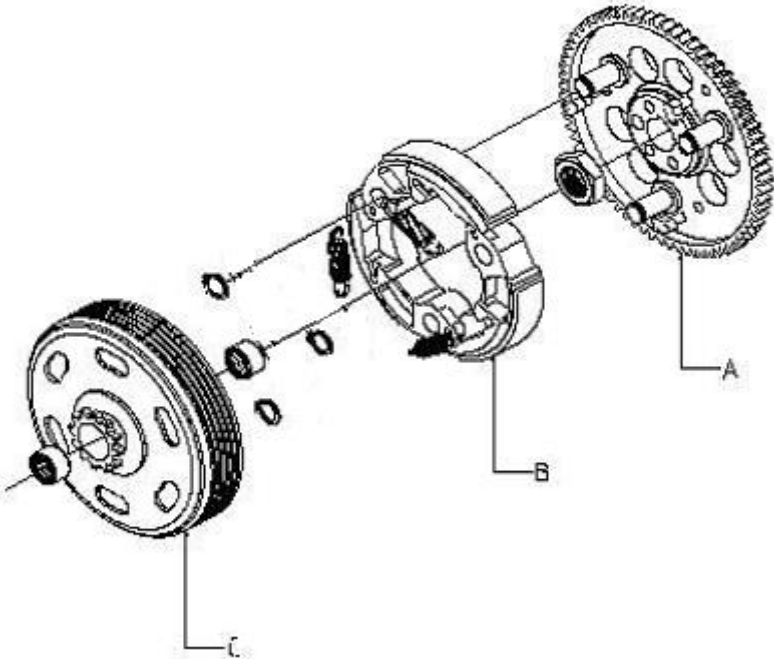
DRAWING OF THE SILENCER



DESSIN DU EMBRAYAGE

DRAWING OF THE CLUTCH

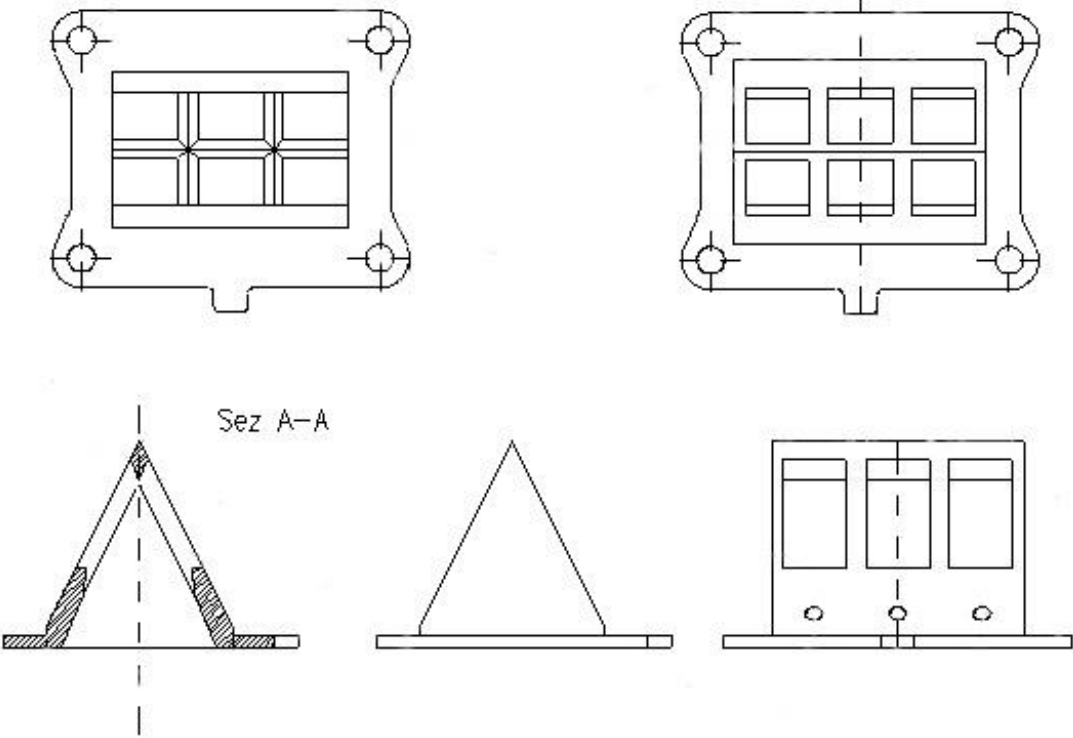
Poids
Weight
Tolerance
Poids / Weight A = 127 B = 105.5 C = 114





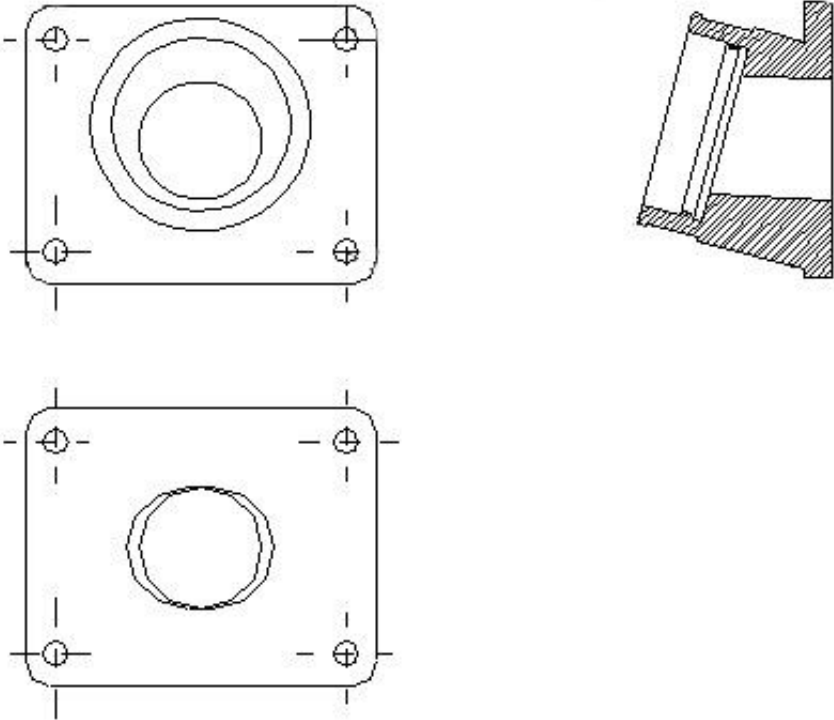
DESSIN DE LA BOÎTE À CLAPETS

DRAWING OF REED VALVE



DESSIN DU COUVERCLE DE LA BOÎTE À CLAPETS

DRAWING OF REED VALVE COVER





BOÎTE DE VITESSES		GEARBOX
Couple primaire		Primary coupling
		68-22
Rapports de boîte de vitesses		Gearbox ratios
Vitesse	Arbre primaire	Arbre secondaire
Gear	Primary shaft	Secondary shaft
1^{ère}/1st	18	27
2^e/2nd	22	27