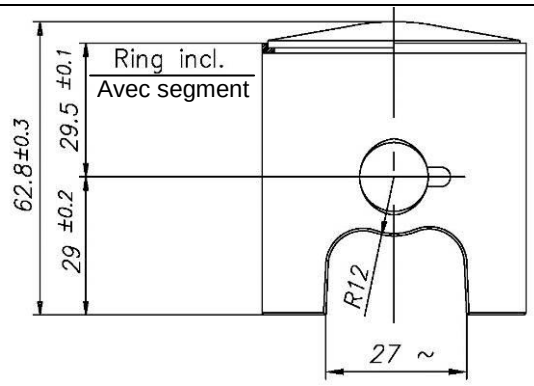
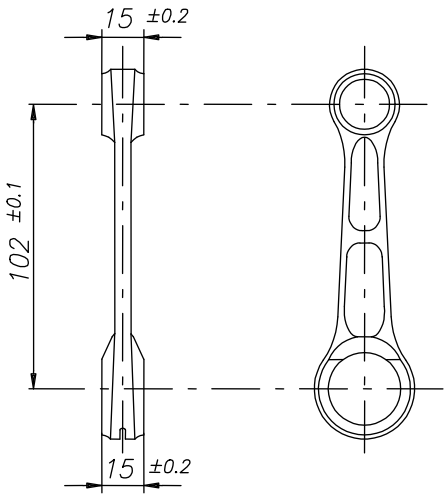
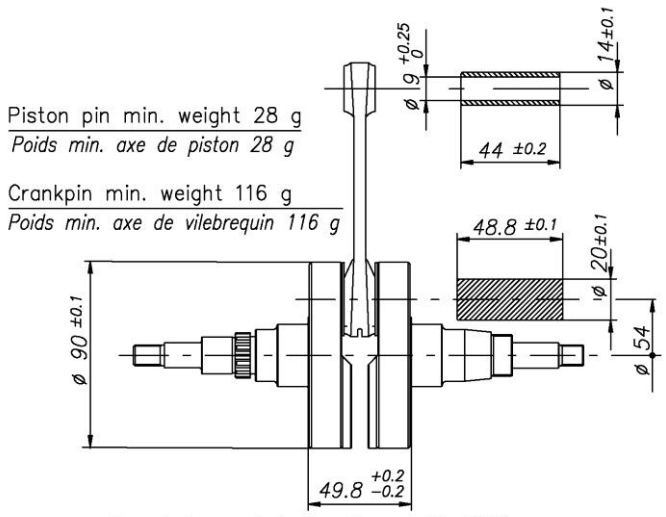
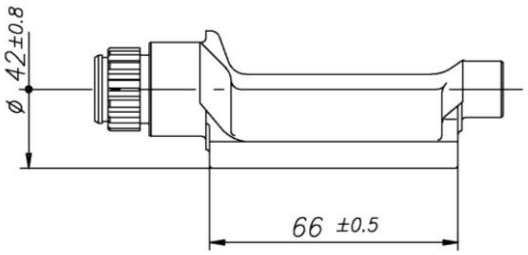
X30 BY IAME 125cc RL-C TaG

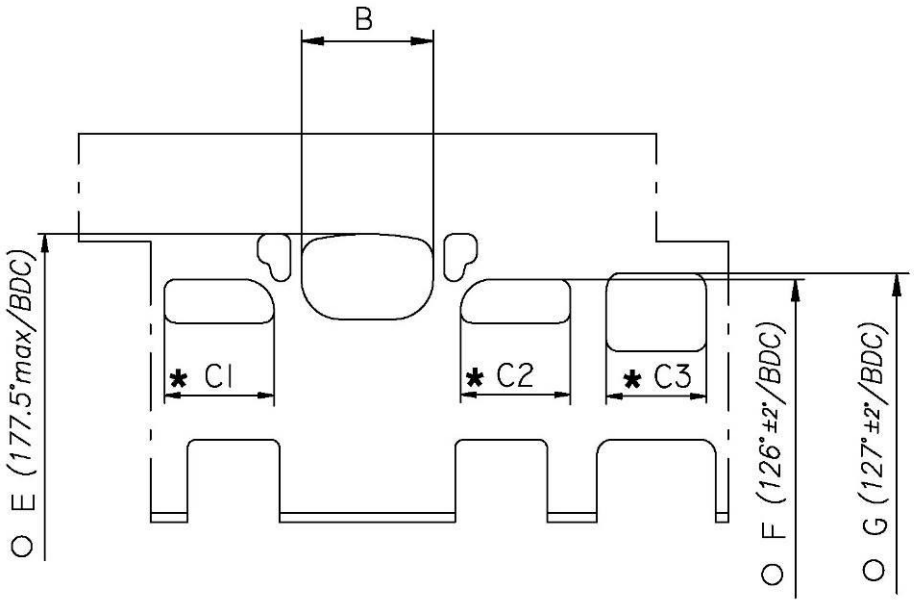
Agrément CK 2 en date du 13 décembre 2013



FEATURES - *CARACTERISTIQUES*	
Cylinder volume *Volume du cylindre*	123.67 cm³
Bore *Alésage*	54 mm
Max. theoretical bore *Alésage théorique max.*	54.28 mm
Stroke *Course*	54 mm
Cooling system *Système de refroidissement*	Water *Eau*
Inlet system *Système d' admission*	Reed valve *À clapets*
Carburetor *Carburateur*	Tryton Hobby 27/C
Cylinder / crankcase transfers n° *N° de canaux cylindre / carter*	3
Number of piston rings *Nombre de segments*	1
Inlet / exhaust ports number *N° lumières admiss. / échapp.*	3
Big end conr. ball-bearing diam. *Diamètre palier tête de bielle*	20x26x15
Combustion chamber shape *Forme chambre de combustion*	Spherical *Spherique*
Crankshaft ball-bearing diam. *Diamètre palier du vilebrequin*	30x62x16
Selettra *or PVL ignition* *Allumage Selettra ou PVL*	Digital
Small end conr. ball-bearing diam. *Diamètre palier pied de bielle*	14x18x17.5
RPM limiter *Limiteur de tours*	Yes *Oui*
Distance between conrod centers *Longueur (entre axe) de la bielle*	102 mm
Generator for battery charging *Générateur de recharge batterie*	*Yes* *Oui*
Balancing shaft *Arbre d' equilibrage de vilebr.*	*Yes* *Oui*
Electric starter *Démarreur électrique*	*Yes* *Oui*

DESCRIPTION OF THE MATERIAL *DESCRIPTION DES MATERIAUX*		PISTON
Conrod material *Matériel de la bielle*	Steel *Acier*	 Piston min. weight (ring incl.) 128 g *Poids min. piston (avec segment) 128g*
Crankshaft material *Matériel du vilebrequin*	Steel *Acier*	
Balancing shaft material *Matériel de l' arbre d' équilibrage*	Steel *Acier*	
Gears material *Matériel des engrenages*	Steel *Acier*	
Starter ring material *Matériel de la couronne démarr.*	Steel *Acier*	
Head material *Matériel de la culasse*	Aluminium	DISTANCE BETWEEN CONROD CENTERS *ENTRE AXE DE LA BIELLE*
Cylinder material *Matériel du cylindre*	Aluminium	 Min. weight 110 g *Poids min. 110 g*
Liner material *Matériel de la chemise*	Iron *Fonte*	
Crankcase material *Matériel du carter*	Aluminium	
Piston material *Matériel du piston*	Aluminium	
Piston rings material *Matériel des segments*	Iron *Fonte*	
Exhaust muffler material *Matériel du pot d' échappement*	Sheet-steel *Tôle acier*	
Ball-bearings *Roulements*	6206 type	
CRANKSHAFT - *VILEBREQUIN*		BALANCING SHAFT *ARBRE D' EQUILIBRAGE*
 Complete crankshaft min. weight 2150 g *Poids min. du vilebrequin complet 2150 g*		 Min. weight 315 g *Poids Min. 315 g*

CYLINDER DEVELOPMENT - *DEVELOPPEMENT DU CYLINDRE*

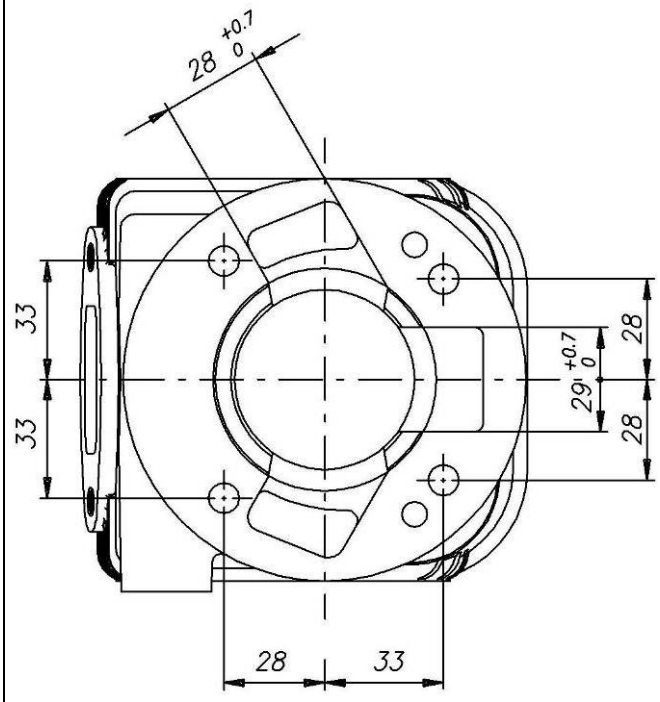


B	≤ 36.5 mm
C1 = C2	≤ 30 mm
C3	≤ 28.5 mm
E	177.5° max
F	126° ± 2°
G	127° ± 2°

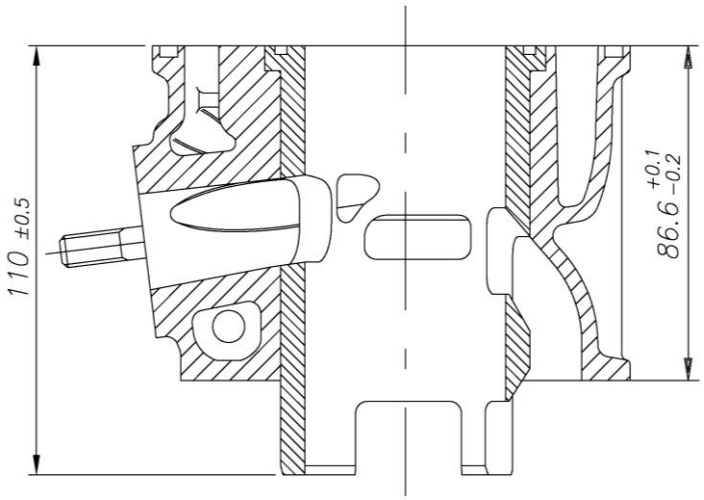
* *CHORDAL READING*
LECTURE CORDALE

O *ANGULAR READING BY INSERTING A 0.2x5 mm GAUGE*
LECTURE ANGULARE PAR INSERTION D'UNE CALE DE 0.2x5 mm

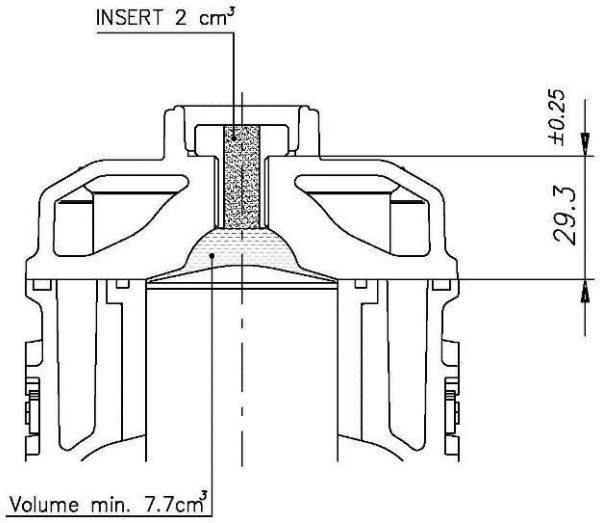
CYLINDER BASE VIEW
VUE DE LA BASE DU CYLINDRE



CYLINDER CROSS SECTION VIEW
VUE EN SECTION DU CYLINDRE



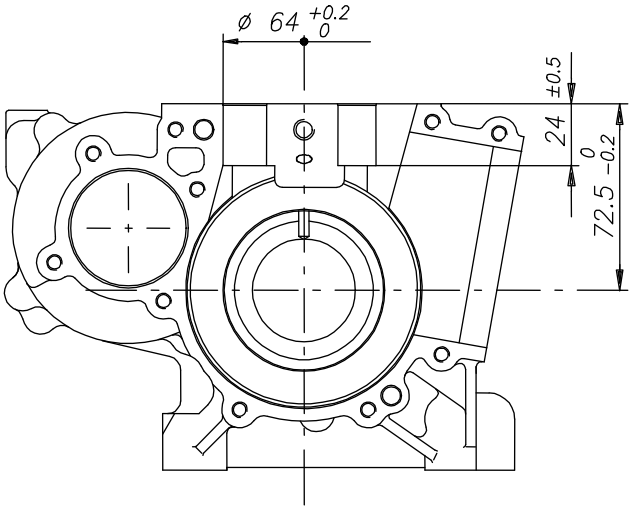
COMBUSTION CHAMBER VIEW
VUE DE LA CHAMBRE DE COMPRESSION



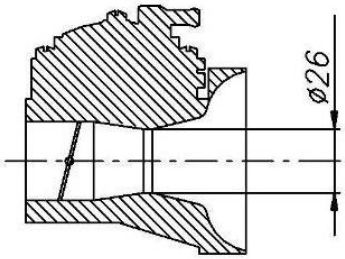
COMBUSTION CHAMBER VOLUME TOT. = 9.7 cm³ min.
VOLUME CHAMBRE COMBUSTION TOT. = 9.7 cm³ min.

ATT.: SQUISH MIN. = 0.90 mm
(measured with Ø1.5mm TIN - *mesurée avec de l'étain Ø1.5mm)*

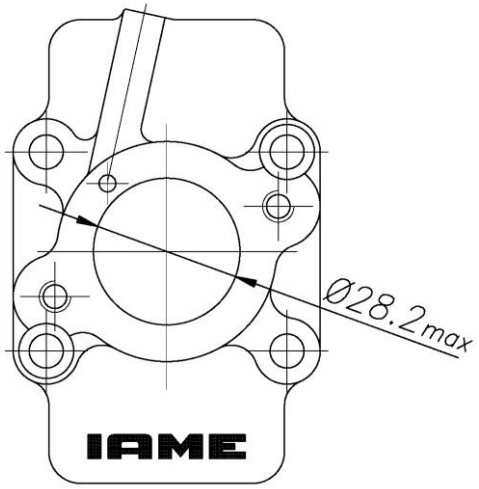
CRANKCASE INSIDE VIEW
VUE A' L' INTERIEUR DU CARTER



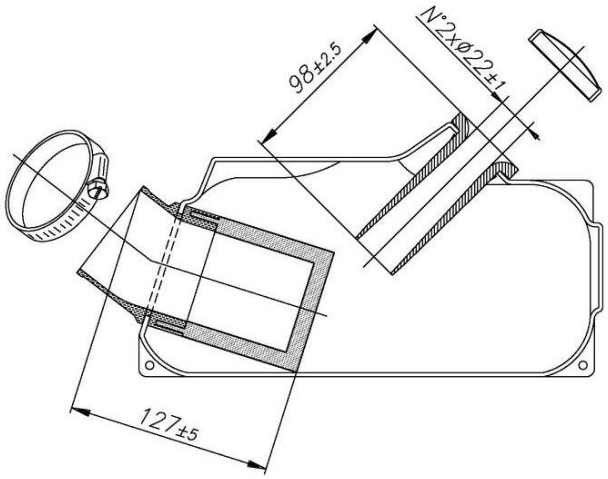
VENTURI CARB. DIMENSIONS
DIMENSIONS DU VENTURI DU CARBURATEUR



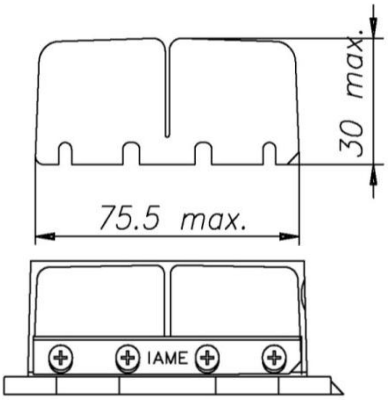
INLET CONVERYOR DIMENSIONS
CONVOYEUR D'ADMISSION



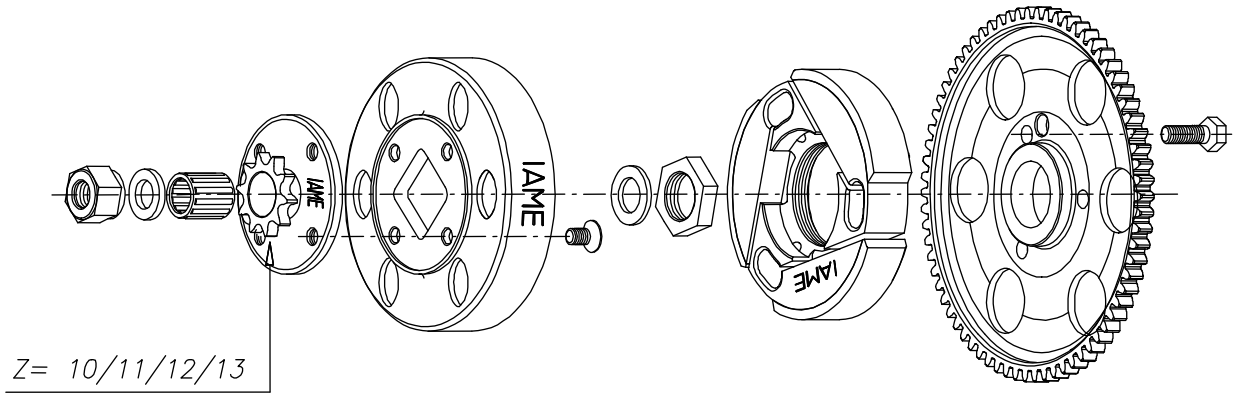
INLET SILENCER
SILENCIEUX D' ASPIRATION

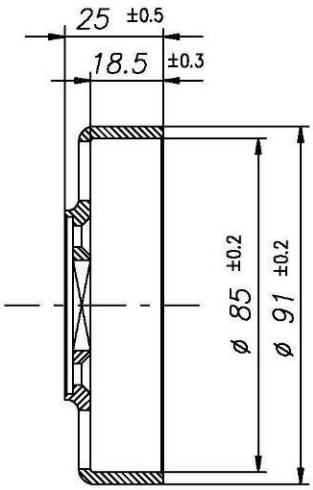


REEDS DIMENSIONS / CLAPETS

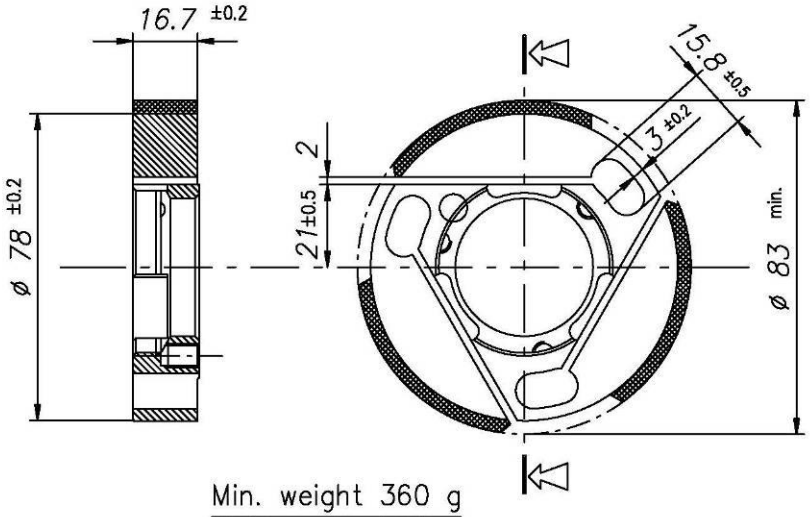


DESCRIPTION OF THE CLUTCH - *DESCRIPTION DE L' EMBRAYAGE*





Min. weight 225 g
Poids min. 225 g

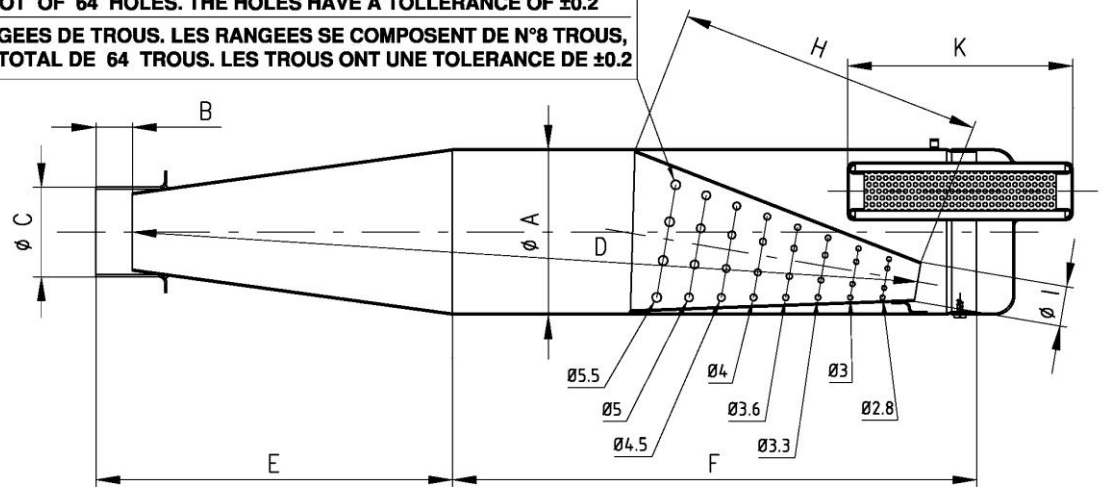


Min. weight 360 g
Poids min. 360 g

EXHAUST MUFFLER VIEW AND DIMENSIONS
VUE ET DIMENSIONS DU SILENCIEUX D' ECHAPPEMENT

N° 8 ROWS OF HOLES. THE ROWS ARE COMPOSED OF N°8 HOLES, FOR A TOT OF 64 HOLES. THE HOLES HAVE A TOLLERANCE OF ±0.2

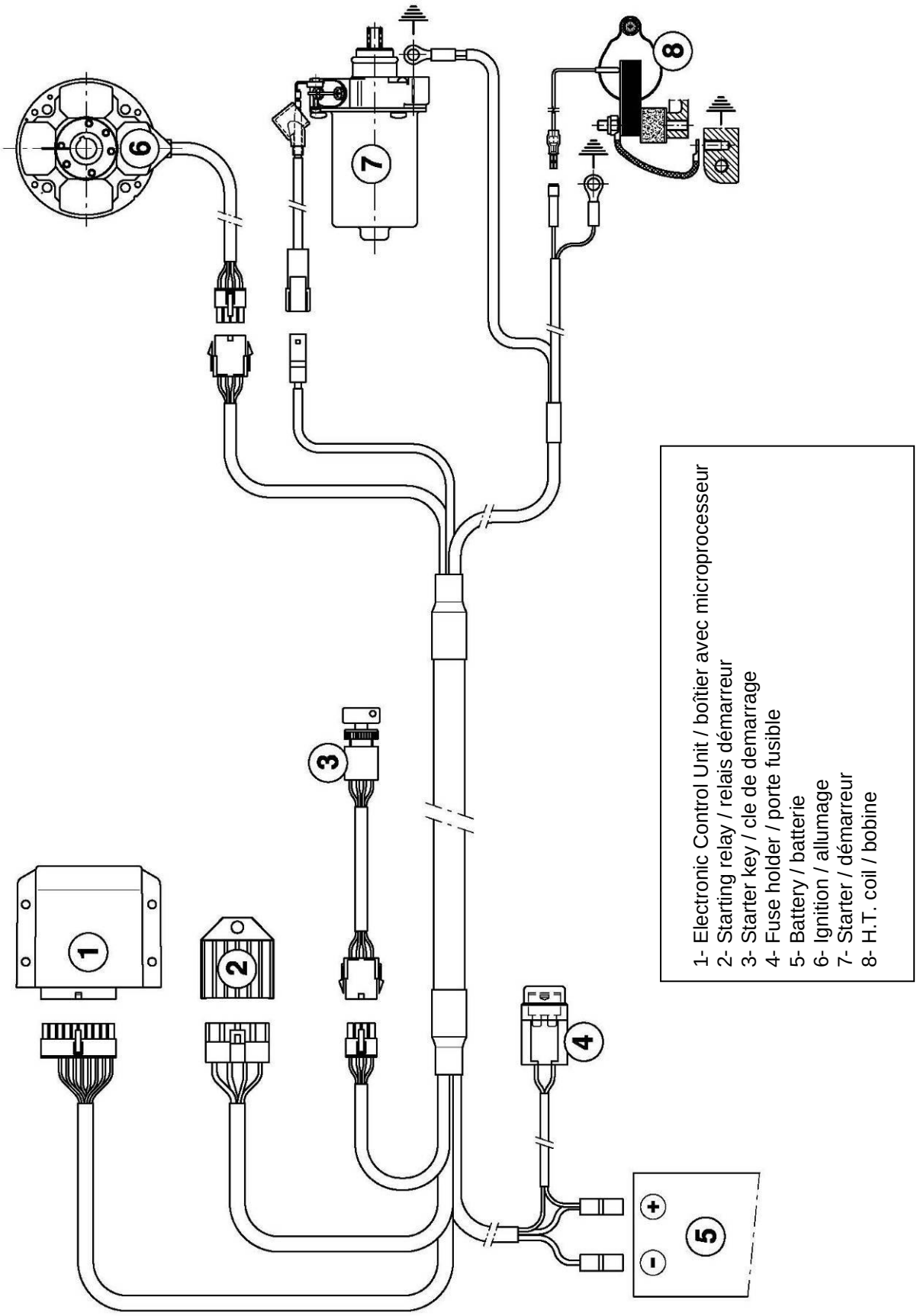
N° 8 RANGEES DE TROUS. LES RANGEES SE COMPOSENT DE N°8 TROUS, POUR UN TOTAL DE 64 TROUS. LES TROUS ONT UNE TOLERANCE DE ±0.2



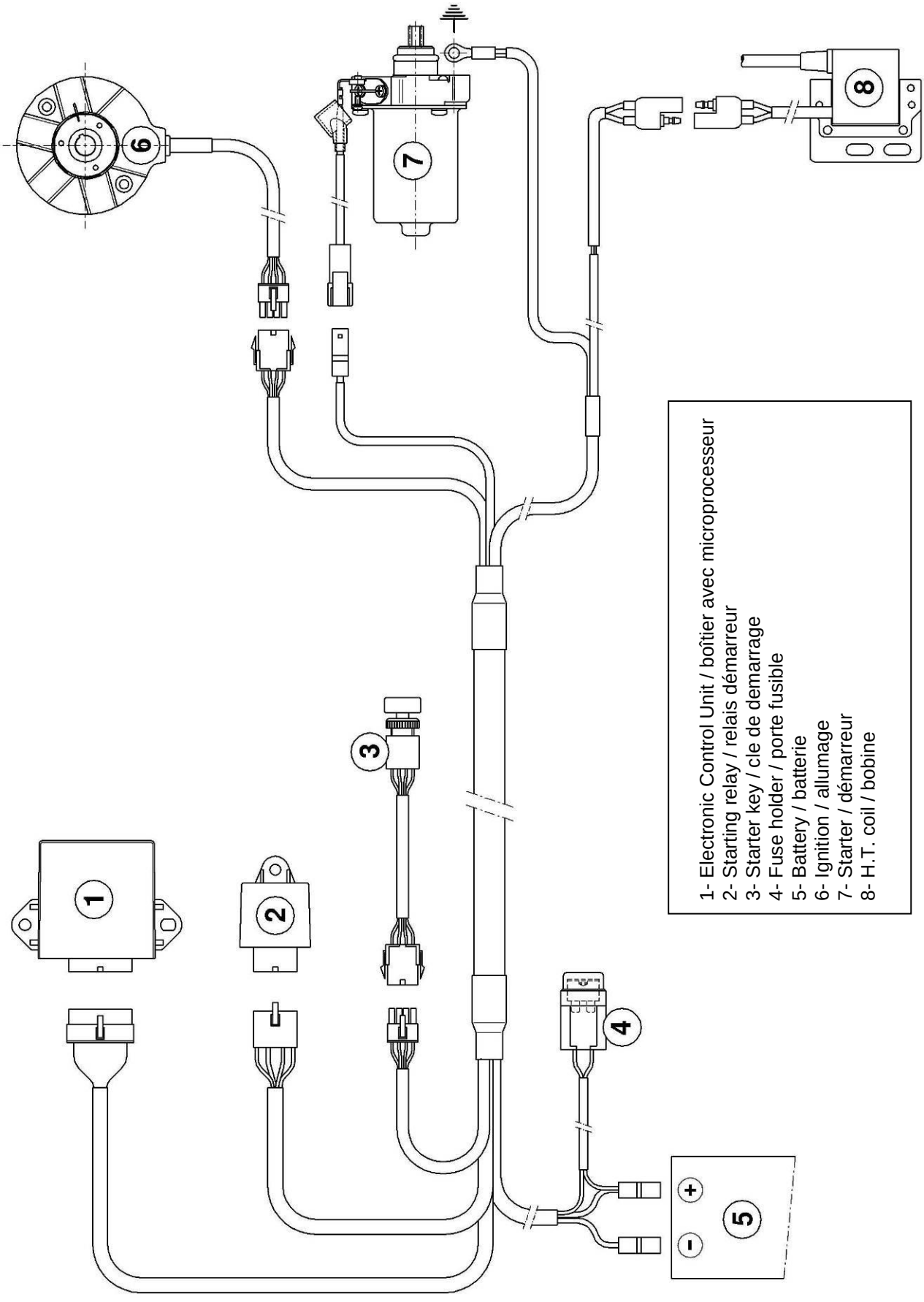
A: 100 ±1 øext.
B: 22 ±1
C: 54 ±1 øext.
D: 485 ±5
E: 218 ±5
F: 315 ±3
H: 180 ±5
I: 24 ±2 øext.
K: 130 ±3

Min. weight 1.39 Kg
Poids min. 1.39 Kg

WIRING DIAGRAM (SELETTRA DIGITAL ‘’K’’ IGNITION)
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL ”K”)

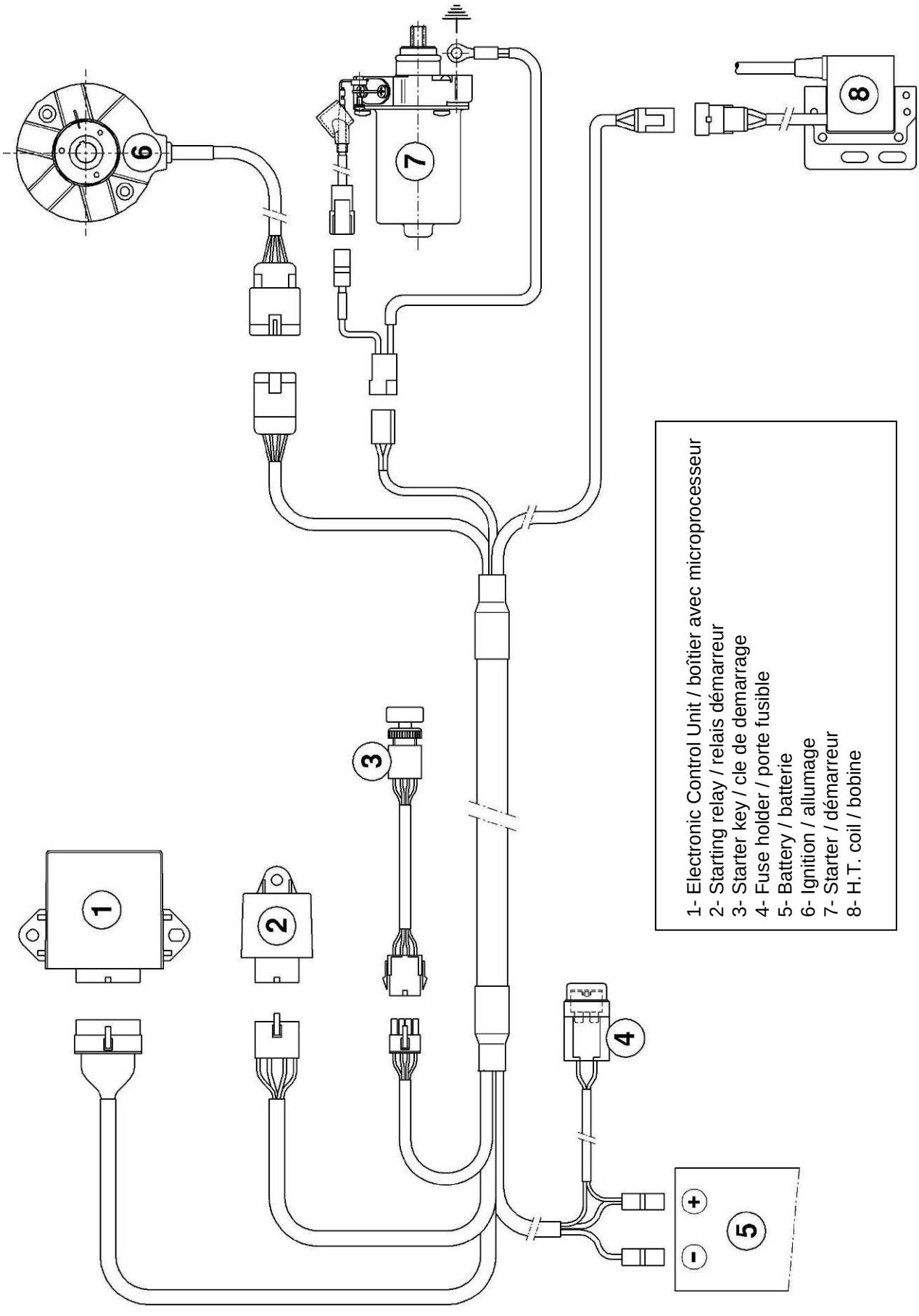


WIRING DIAGRAM (PVL IGNITION, 1st TYPE)
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE PVL, 1er TYPE)

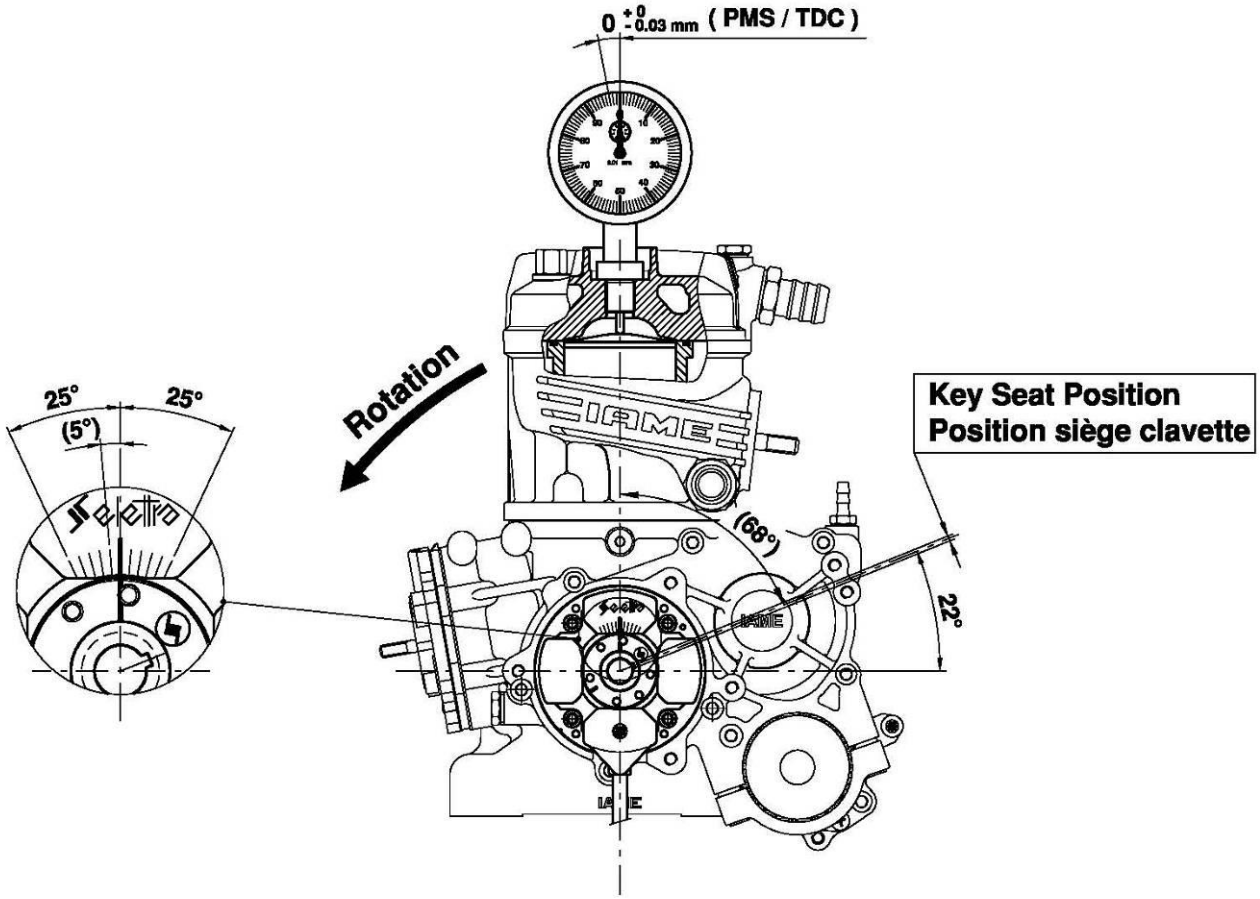


WIRING DIAGRAM (PVL IGNITION, 2nd TYPE)

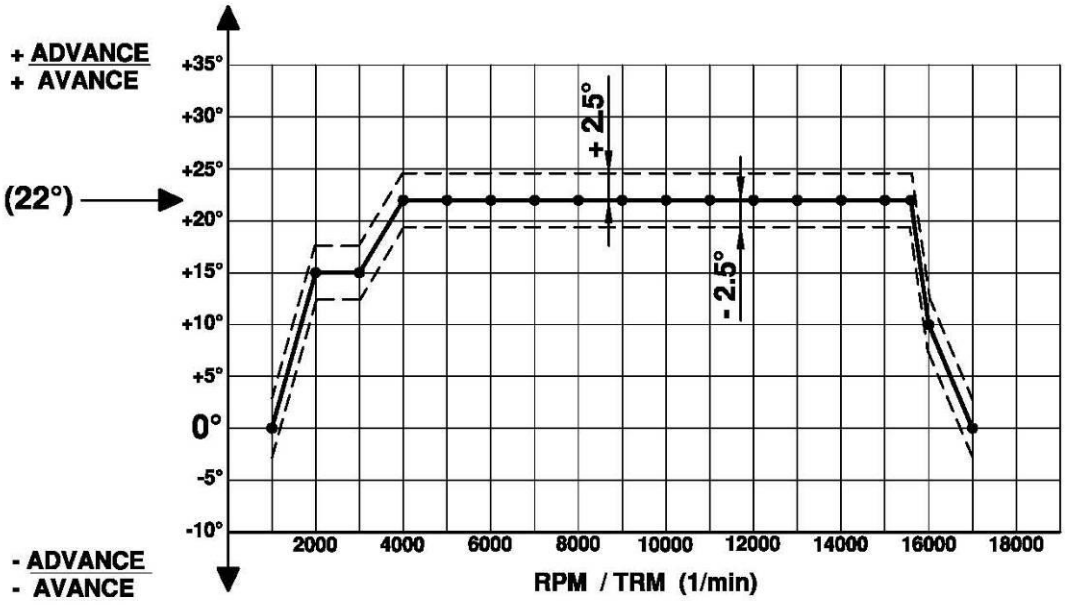
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE PVL, 2ème TYPE)



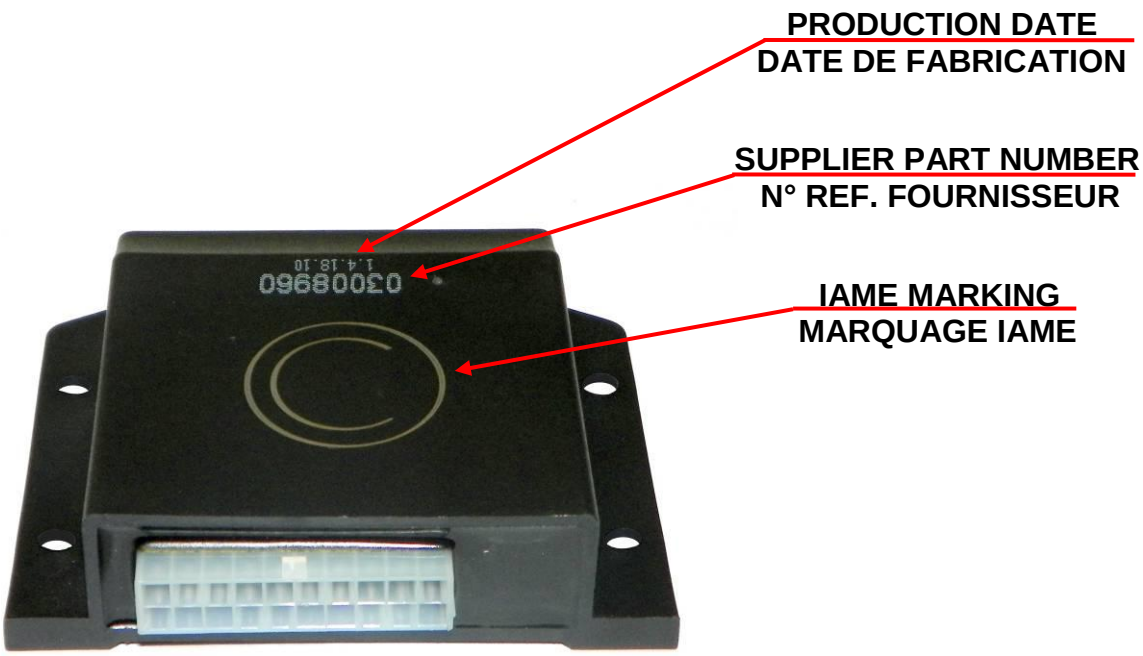
SCHEME FOR ADVANCE CONTROL
SCHEMA DE CONTROLE POUR L'AVANCE



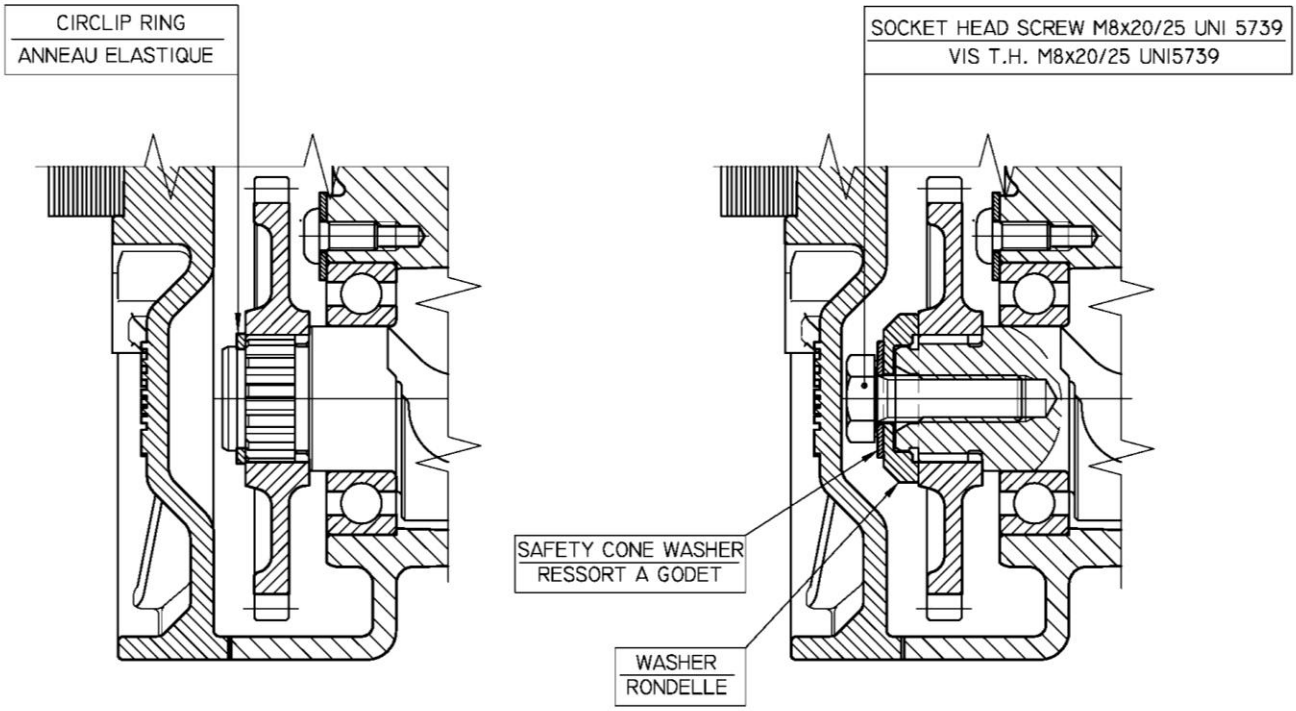
ADVANCE CURVE GRAPHS / GRAPHIQUES DE LA COURBE D'AVANCE



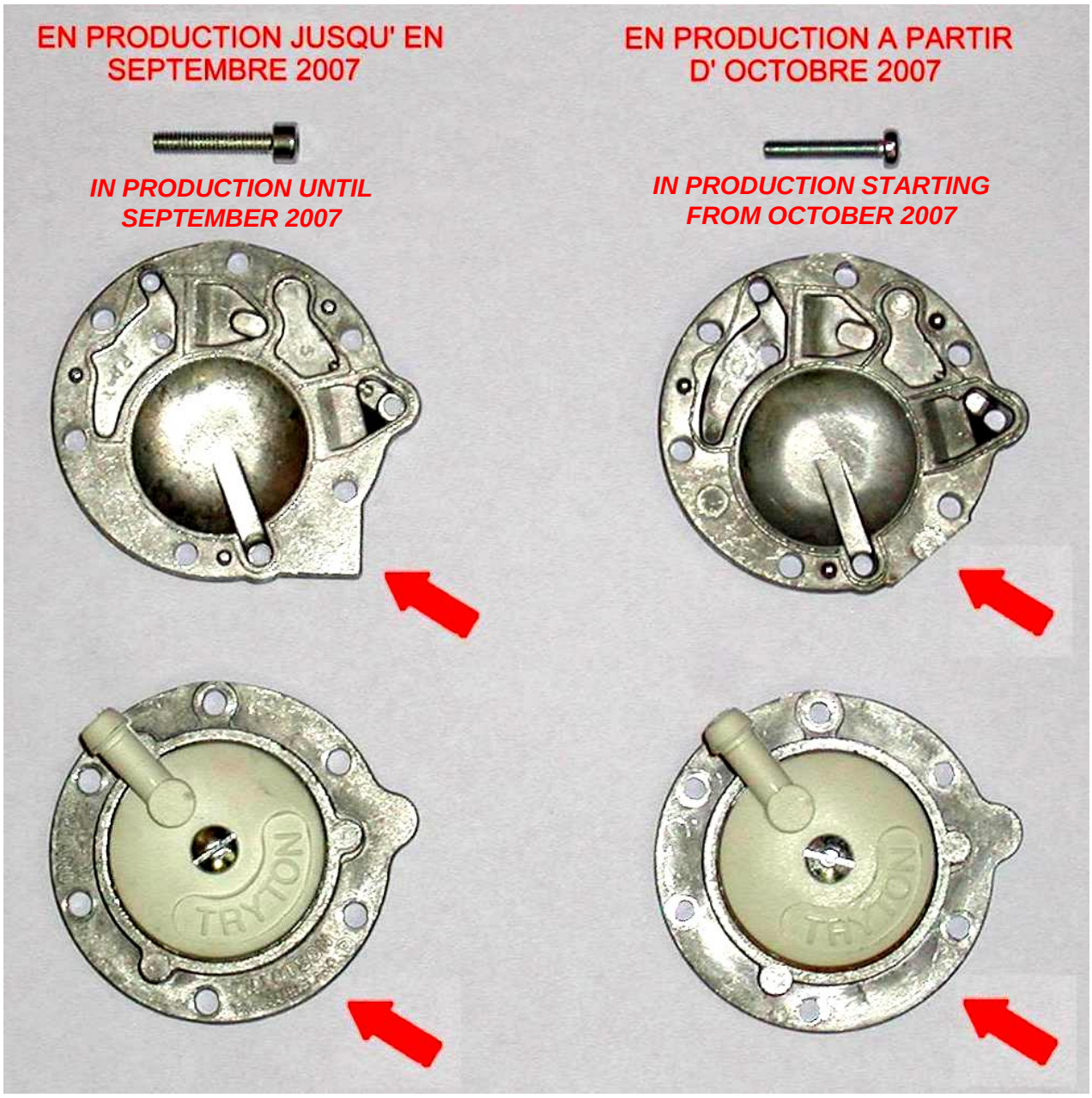
ELECTRONIC BOX MARKING
MARQUAGE DU BOITIER ELECTRONIQUE



GEAR ALTERNATIVE FIXING
FIXATION ALTERNATIVE DE L' ENGRANAGE



CARBURETTOR COVER ALTERNATIVE
ALTERNATIF COUVERCLE CARBURATEUR



EN PRODUCTION JUSQU' EN DECEMBRE 2008

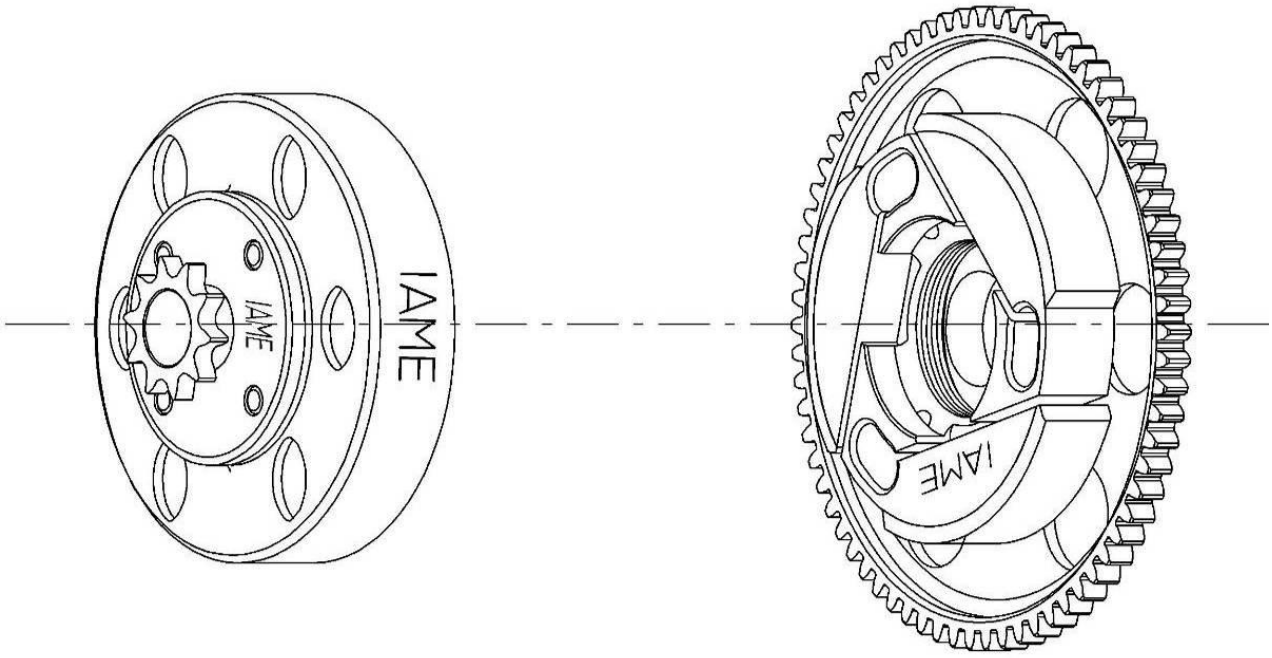
IN PRODUCTION UNTIL DECEMBER 2008



EN PRODUCTION A PARTIR DE JANVIER 2009

IN PRODUCTION STARTING FROM JANUARY 2009

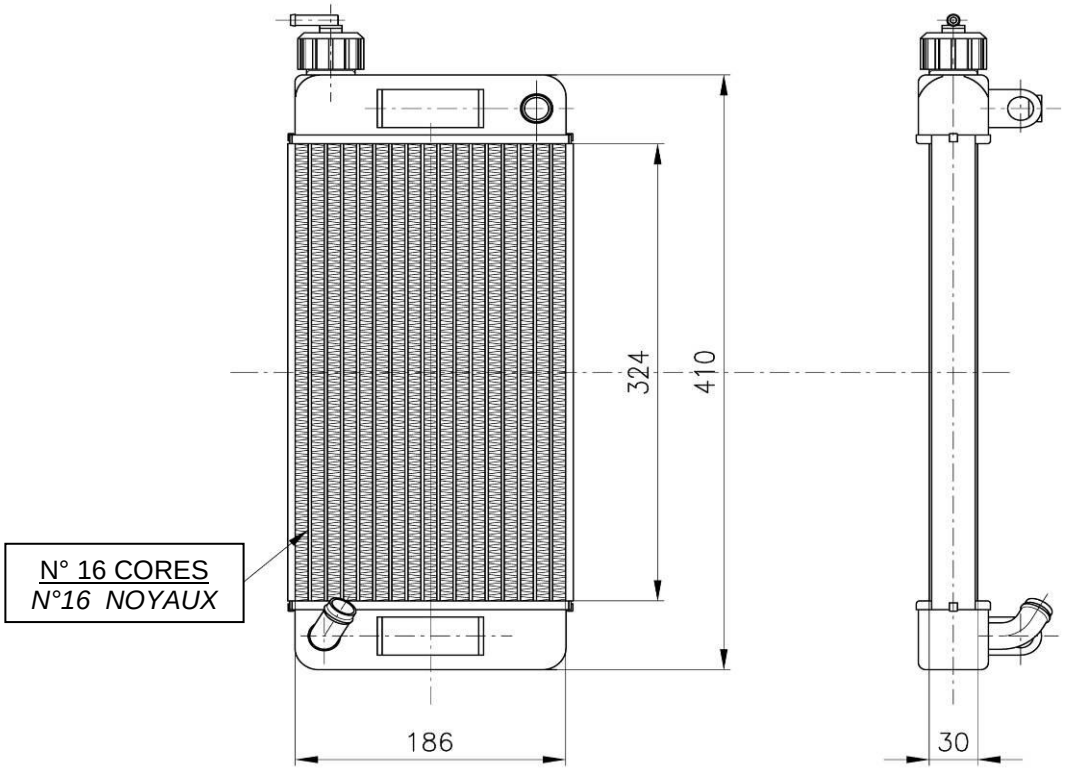


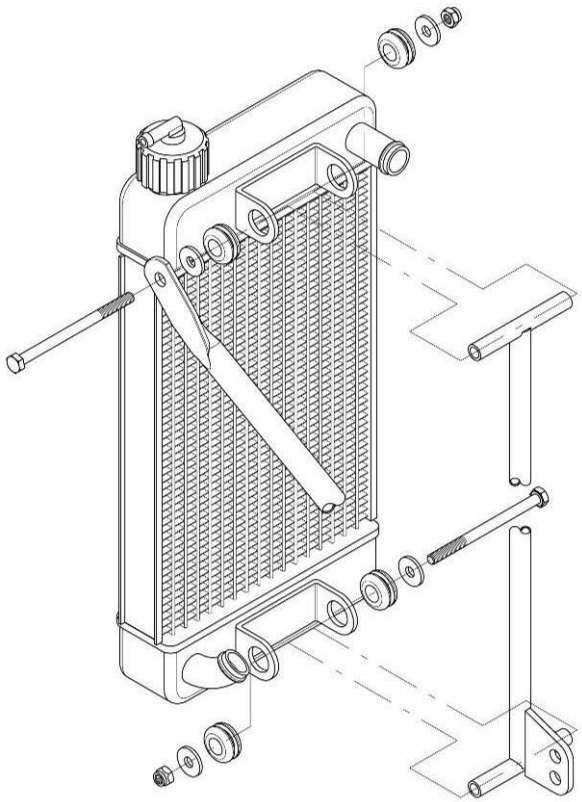


Min. weight 300 g
Poids min. 300 g

Min. weight 650 g
Poids min. 650 g

RADIATOR DESCRIPTION AND SKETCH OF PARTS
DESCRIPTION DU RADIATEUR ET SCHEMA ILLUSTRANT LES ELEMENTS





RADIATOR AND ITS SUPPORTS
RADIATEUR ET SES SUITIEN

PAINTED AND NOT PAINTED / *PEINT ET PAS PEINT*







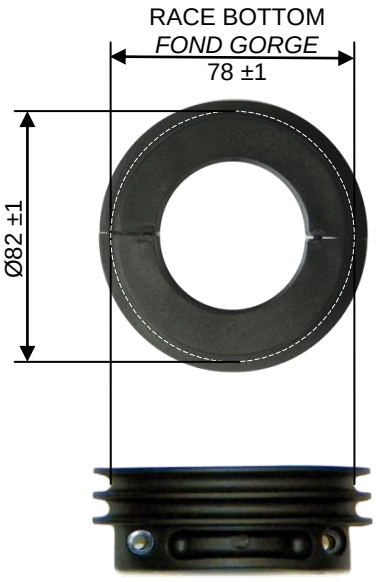
FRONT / *AVANT*

REAR / *ARRIERE*

WATER PUMP GROUP
GROUPE POMPE A' EAU







RACE BOTTOM
FOND GORGE
Ø19 ±1

THERMOSTAT





ALTERNATIVE



PISTON IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION PISTON

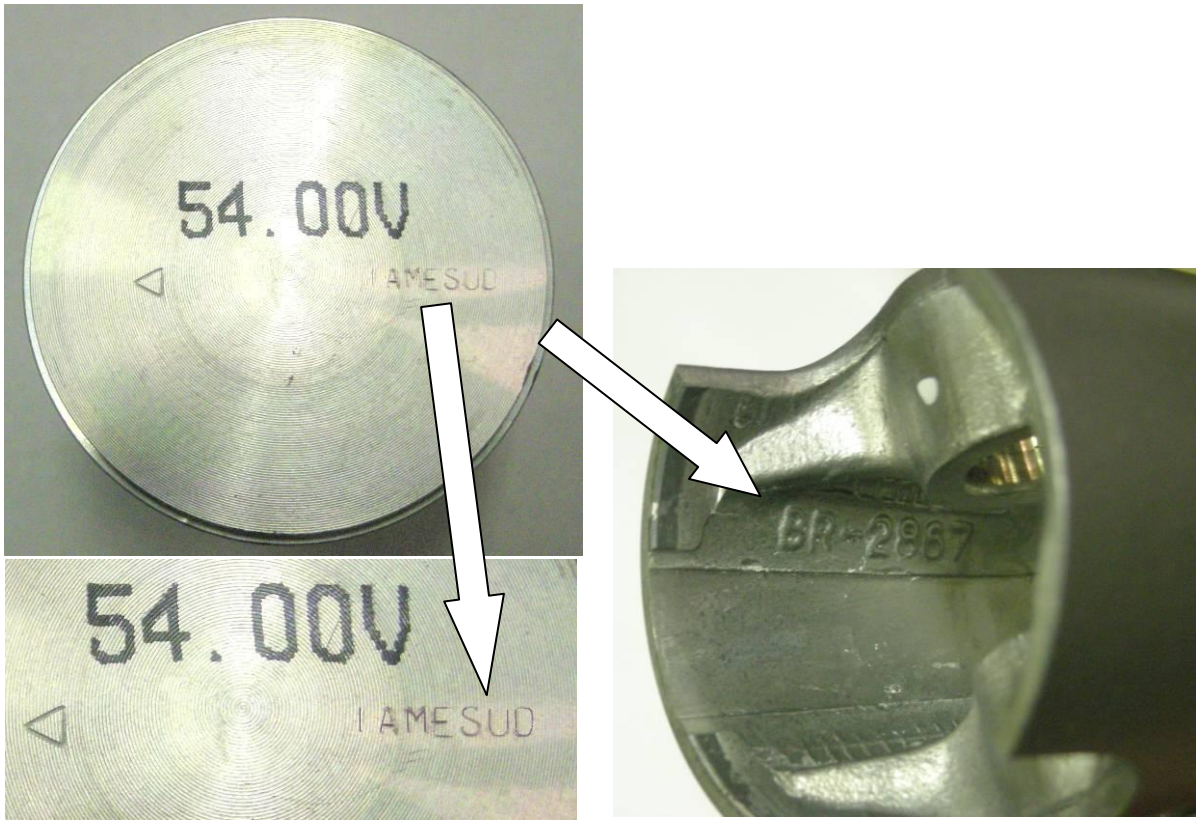
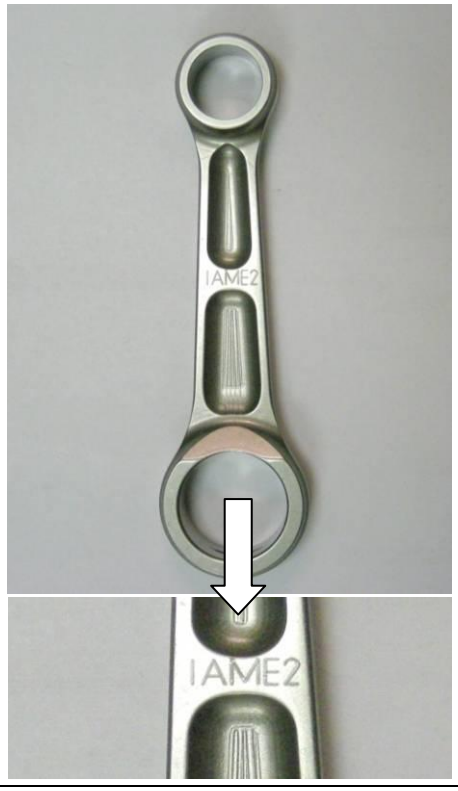
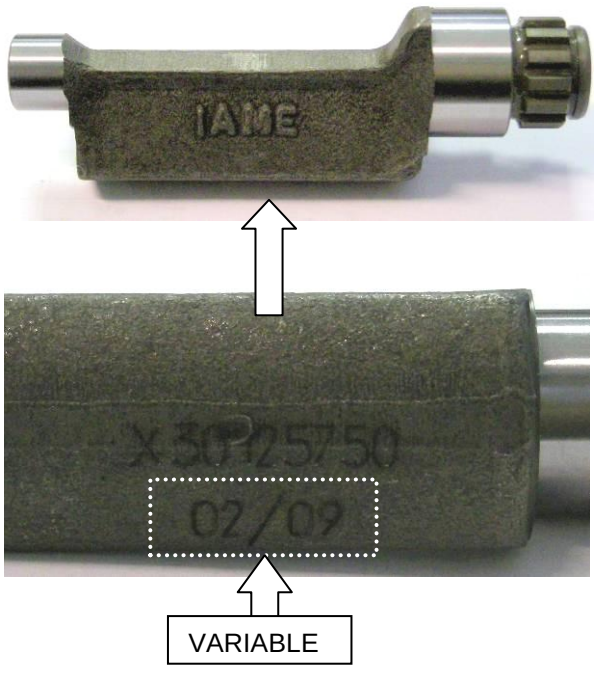


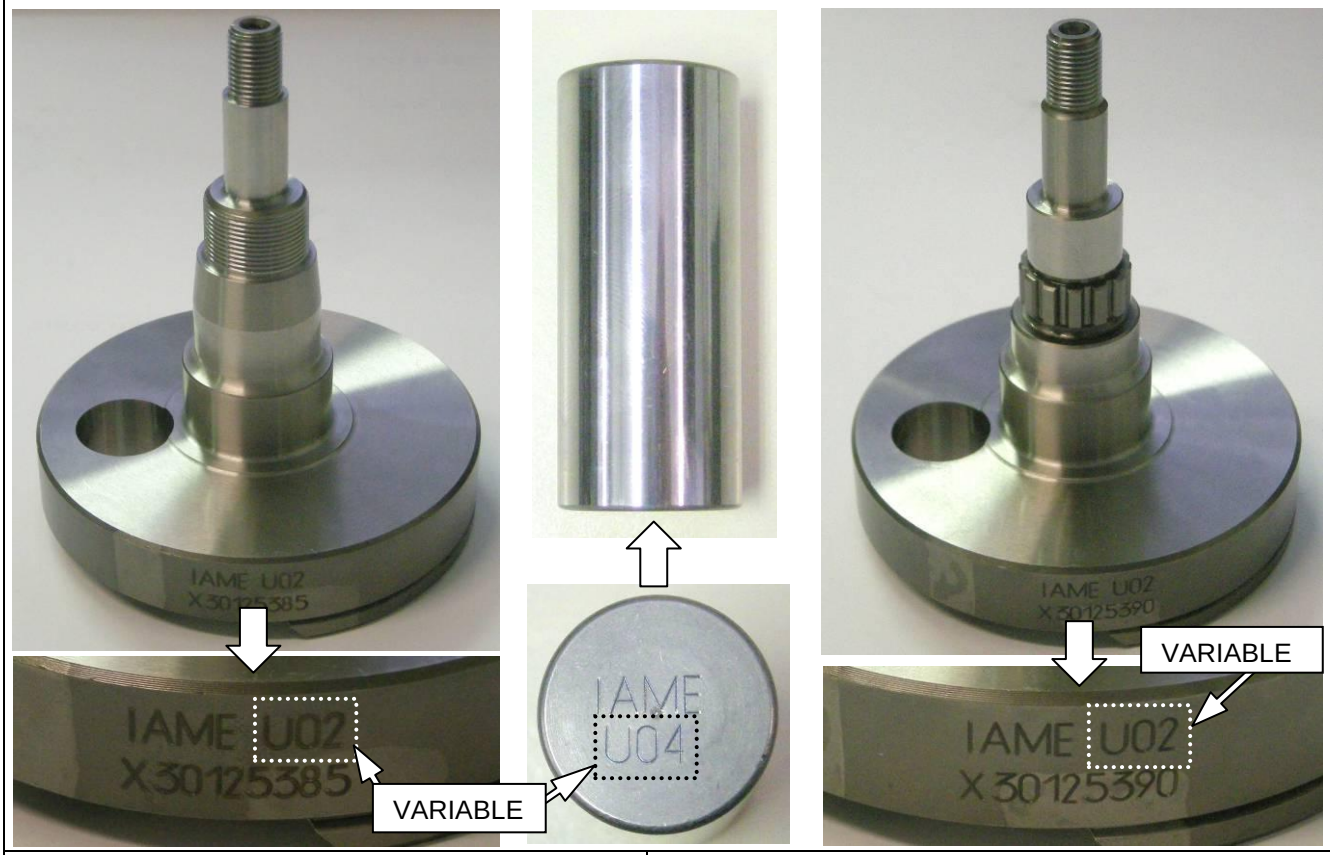
PHOTO IDENTIFICATION CONROD
MARQUAGE D'IDENTIFICATION BIELLE



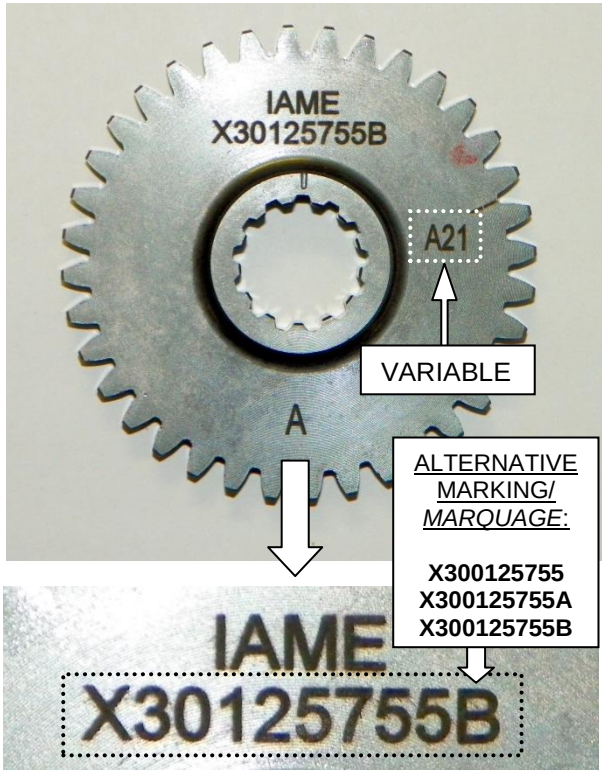
IDENTIFICATION BALANCING SHAFT MARKING
MARQUAGE D'IDENTIFICATION ARBRE D'EQUILIBRAGE



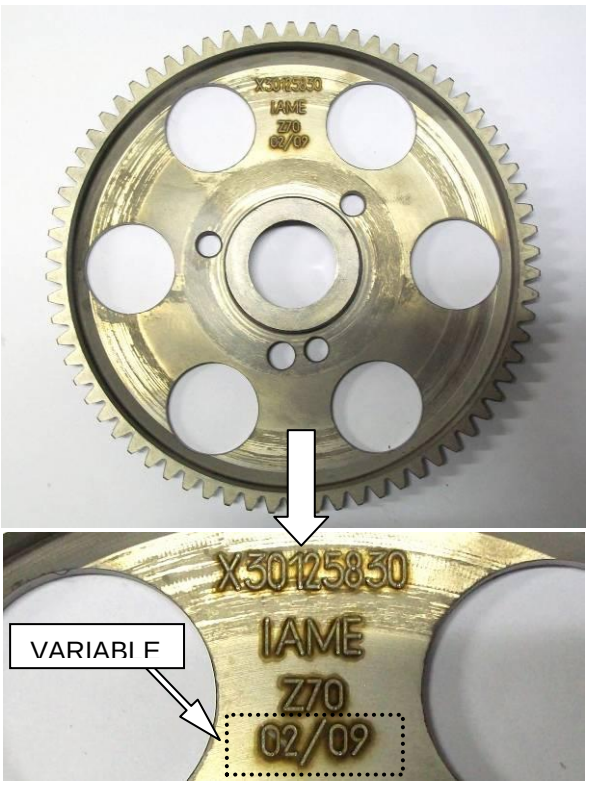
CRANKSHAFT IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU VILEBREQUIN

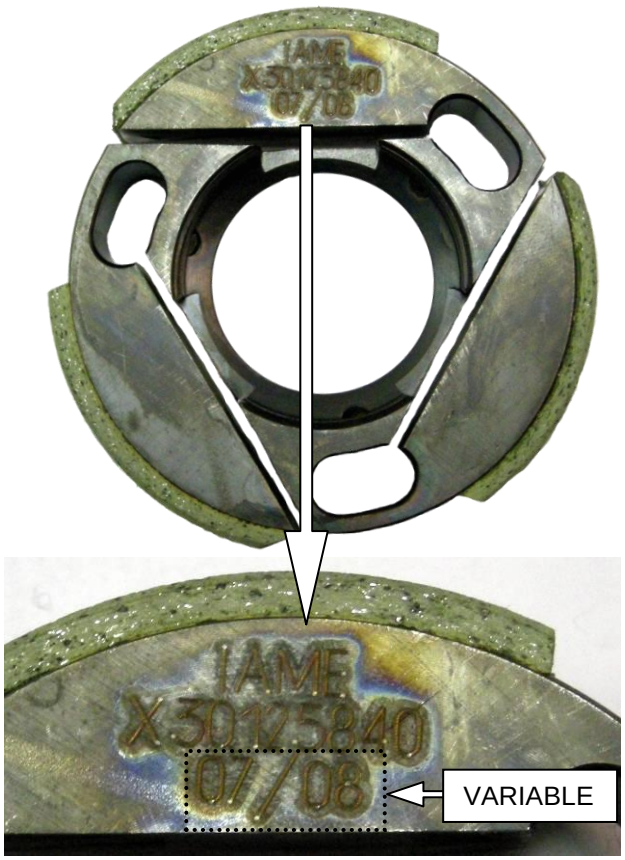


GEAR COMMAND BALANCING SHAFT IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION ENGRENAGE ARBRE D'EQUILIBRAGE

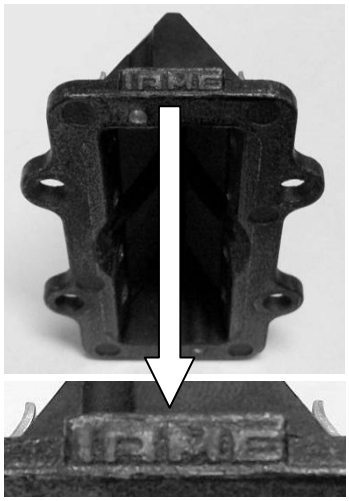


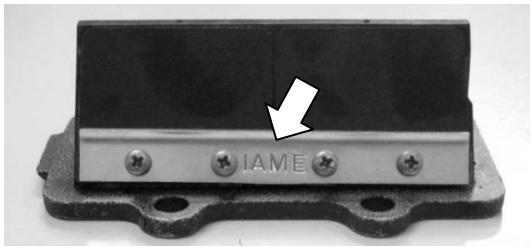
STARTER RING IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DE LA COURONNE DE DEMARRAGE



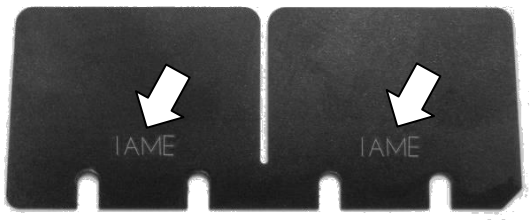
SPROCKET IDENTIFICATION MARKING *MARQUAGE D'IDENTIFICATION DU PIGNON*	CLUTCH DRUM IDENTIFICATION MARKING *MARQUAGE D'IDENTIFICATION DE LA CALOTTE*
	
CLUTCH BODY IDENTIFICATION MARKING *MARQUAGE D'IDENTIFICATION CORPS DE EMBRAYAGE*	STARTER IDENTIFICATION MARKING *MARQUAGE D'IDENTIFICATION DU MOTEUR DEMARREUR*
	

REED GROUP & PETALS IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DE LA PYRAMIDE DE CLAPETS & CLAPETS



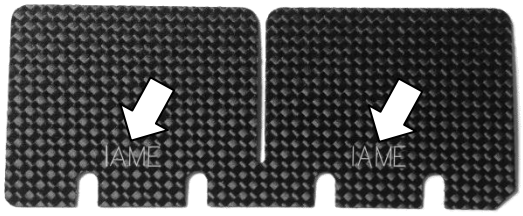


VETRONITE



CARBON FIBER

FRONT SIDE



REAR SIDE

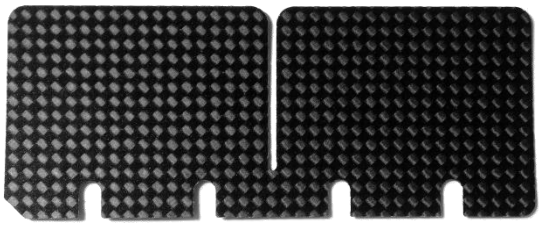
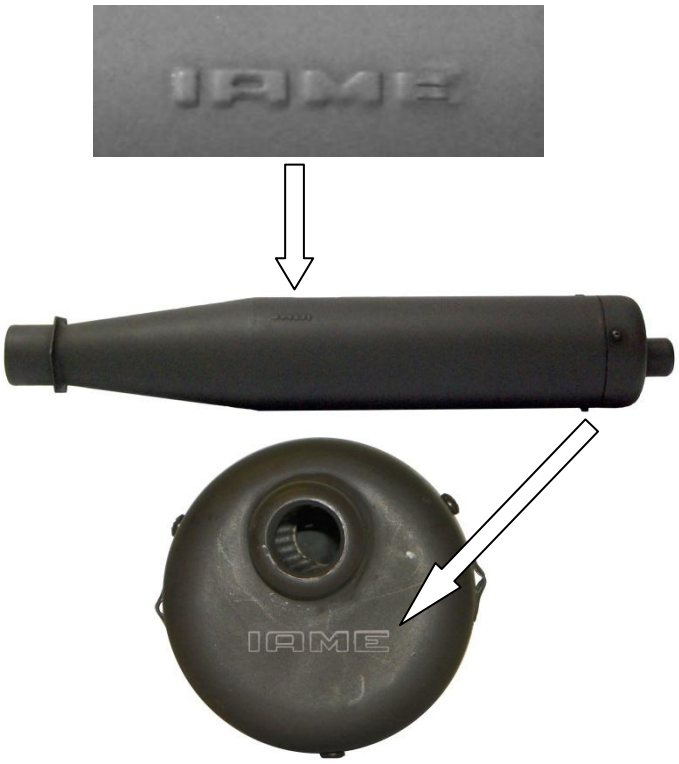
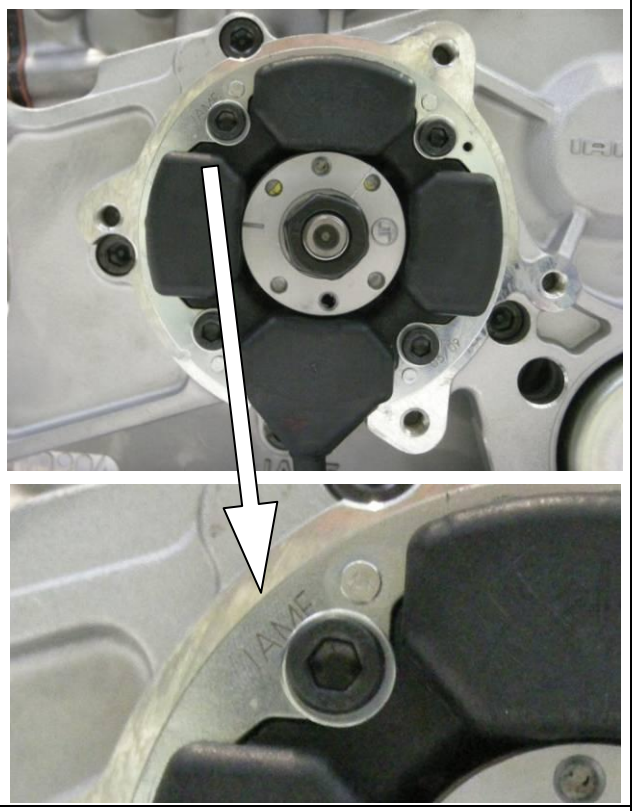


PHOTO IDENTIFICATION CARBURETOR INLET CONVEYOR
MARQUAGE D'IDENTIFICATION DU COLLECTEUR D'ASPIRATION

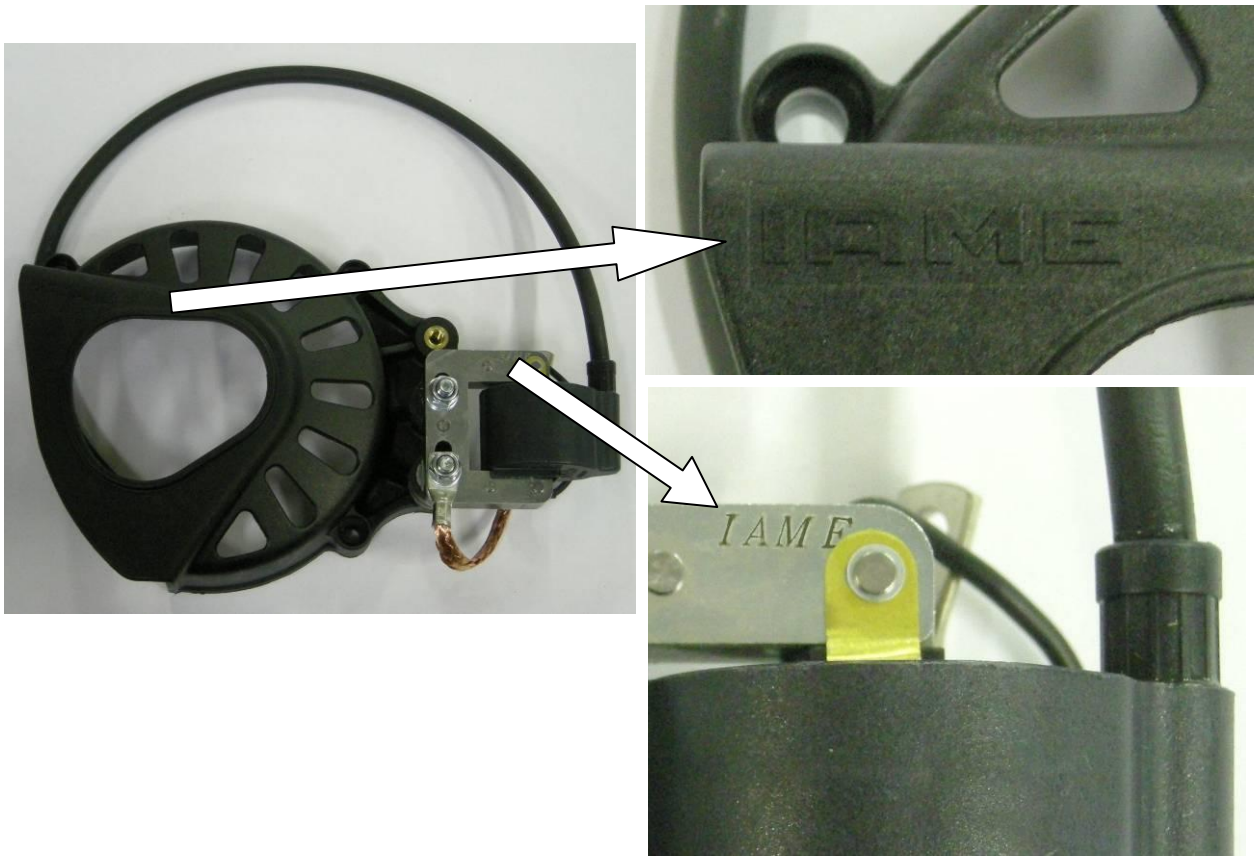


EXHAUST SILENCER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION ECHAPPEMENT



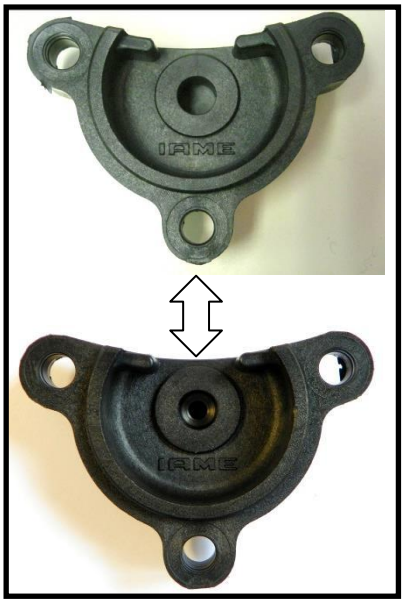
HEADER EXHAUSTIDENTIFICATION MARKING *MARQUAGE DU COUDE D'ECHAPPEMENT*	STATOR IDENTIFICATION MARKING *MARQUAGE D'IDENTIFICATION DU STATOR*
	

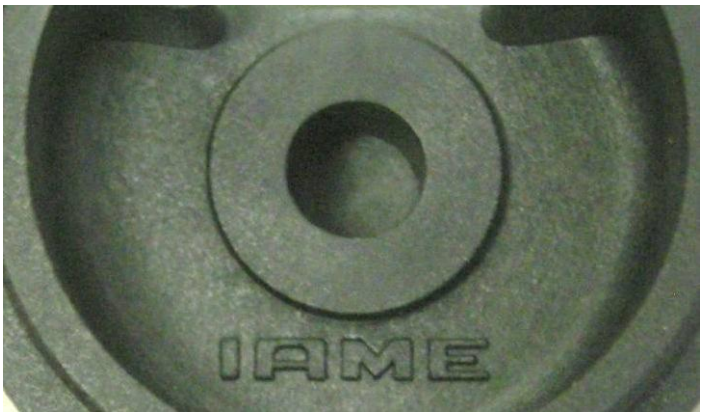
CLUTCH COVER AND H.T. COIL IDENTIFICATION MARKING
MARQUAGE DU COUVERCLE D'EMBRAYAGE ET DE LA BOBINE



BENDIX COVER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU COUVERCLE
DU CONTRE-ARBRE DE DEMARRAGE



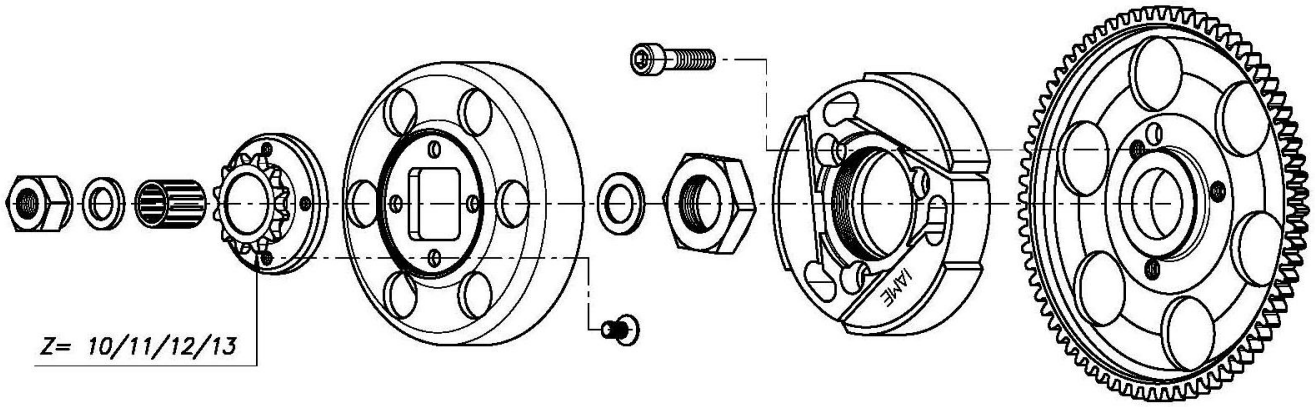


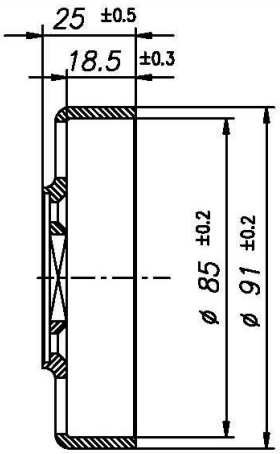


ALTERNATIVE

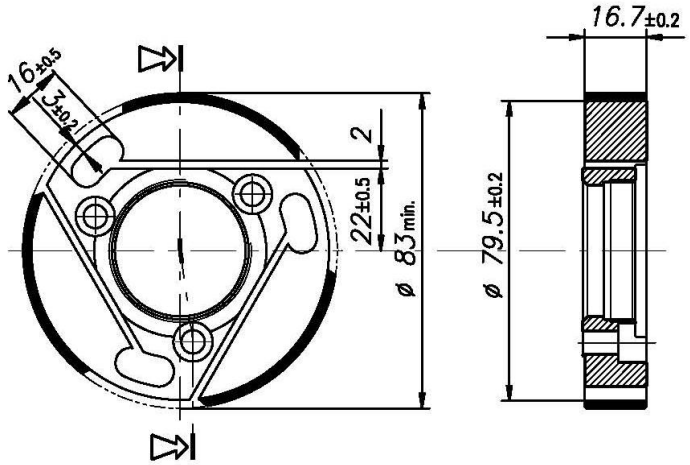


DESCRIPTION OF THE CLUTCH 2013 - *DESCRIPTION DE L' EMBRAYAGE 2013*



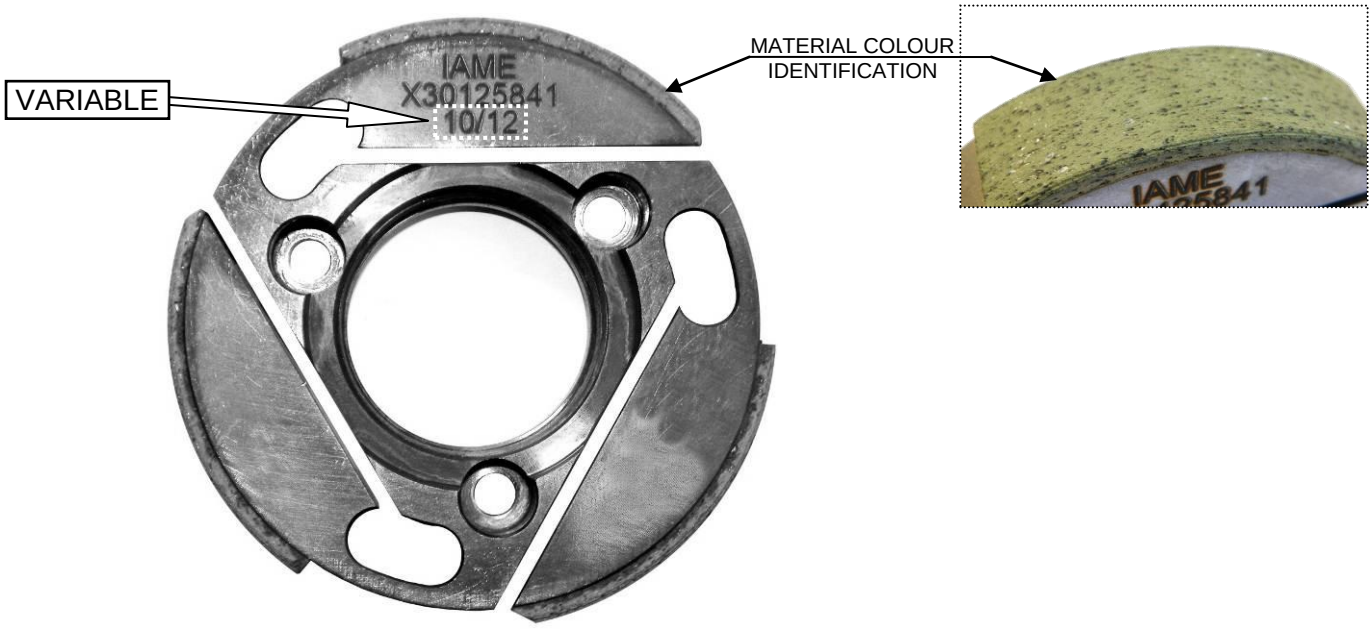


Min. weight 225 g
Poids min. 225 g

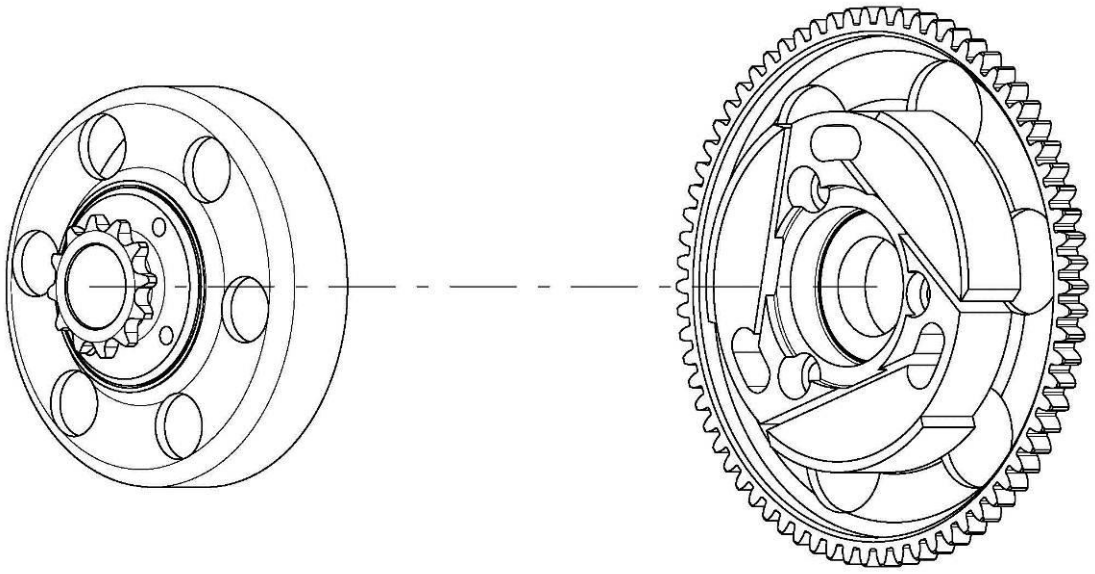


Min. weight 375 g
Poids min. 375 g

CLUTCH BODY 2013 IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION CORPS DE EMBRAYAGE 2013



DESCRIPTION OF THE CLUTCH 2013 - *DESCRIPTION DE L' EMBRAYAGE 2013*



Min. weight 300 g
Poids min. 300 g

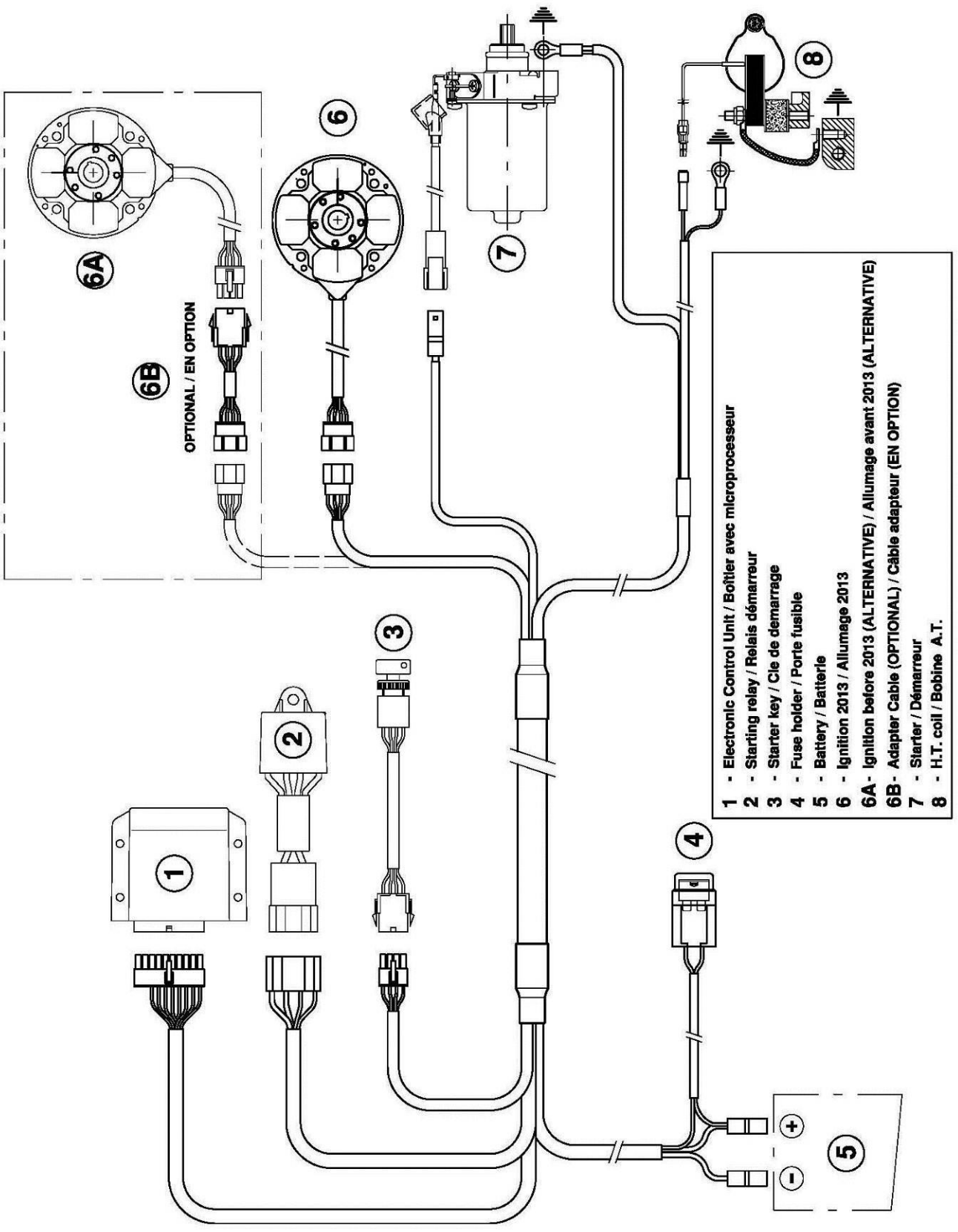
Min. weight 680 g
Poids min. 680 g

STARTER RING 2013 IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DE LA COURONNE DE DEMARRAGE 2013



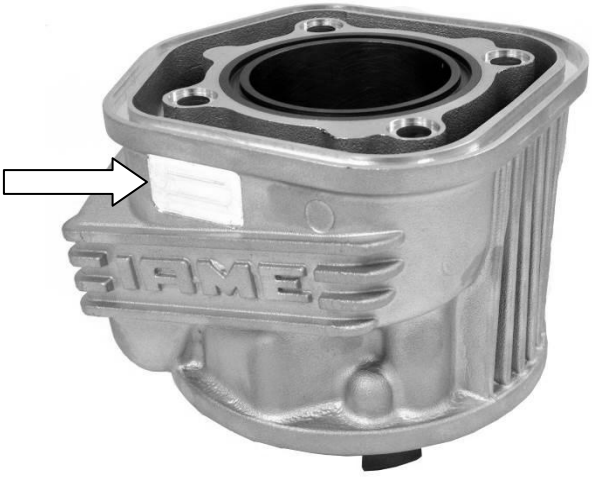
WIRING DIAGRAM (SELETTRA DIGITAL ‘’K’’ IGNITION 2013)

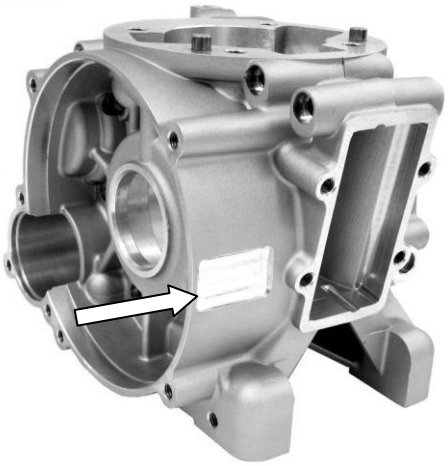
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL ’’K’’ 2013)



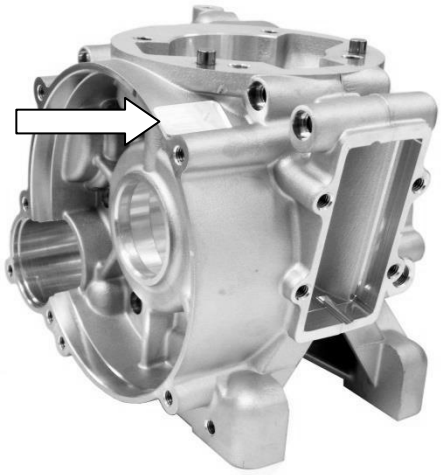
FROM 2014 ON - A PARTIR DE 2014

STICKER APPLICATION AREA - *ESPACE POUR L'APPLICATION DE ADHÉSIFS*

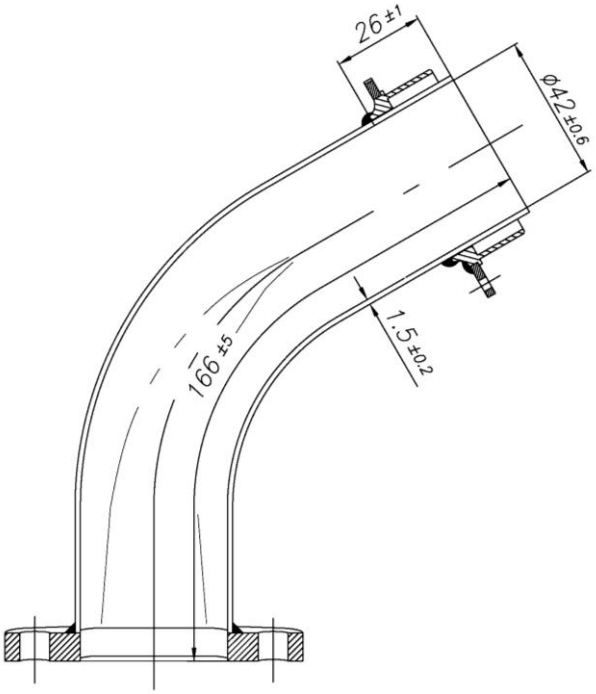




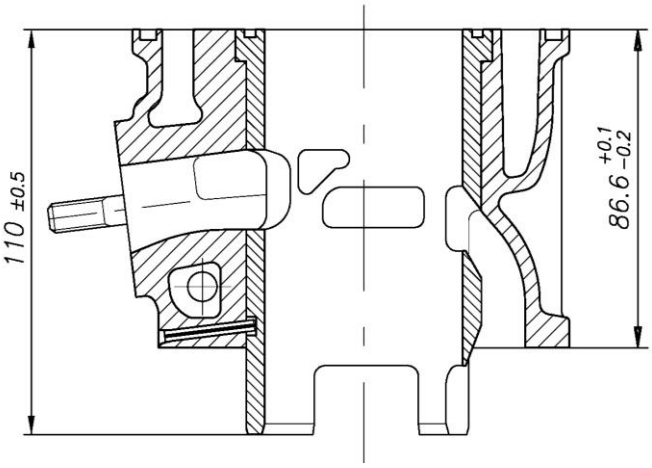
ALTERNATIVE AREA



HEADER EXHAUST DIMENSIONS
CODE D'ECHAPPEMENT TAILLE



CYLINDER CROSS SECTION VIEW
VUE EN SECTION DU CYLINDRE



CYLINDER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU CYLINDRE

