

# FICHE D'HOMOLOGATION HOMOLOGATION FORM



## COMMISSION INTERNATIONALE DE KARTING - FIA



### MOTEUR / ENGINE Superkart

Constructeur	<i>Manufacturer</i>	<b>PVP KARTING</b>
Marque	<i>Make</i>	<b>PVP</b>
Modèle	<i>Model</i>	<b>PVP 252</b>
Type de cylindre	<i>Cylinder type</i>	<b>2</b>
Type d'admission	<i>Inlet type</i>	<b>DISK VALVE</b>
Durée de l'homologation	<i>Validity of the homologation</i>	3 ans / 3 years
Nombre de pages	<i>Number of pages</i>	7

La présente Fiche d'Homologation reproduit descriptions, illustrations et dimensions du moteur au moment de l'homologation CIK-FIA.

*This Homologation Form reproduces descriptions, illustrations and dimensions of the engine at the moment of the CIK-FIA homologation.*

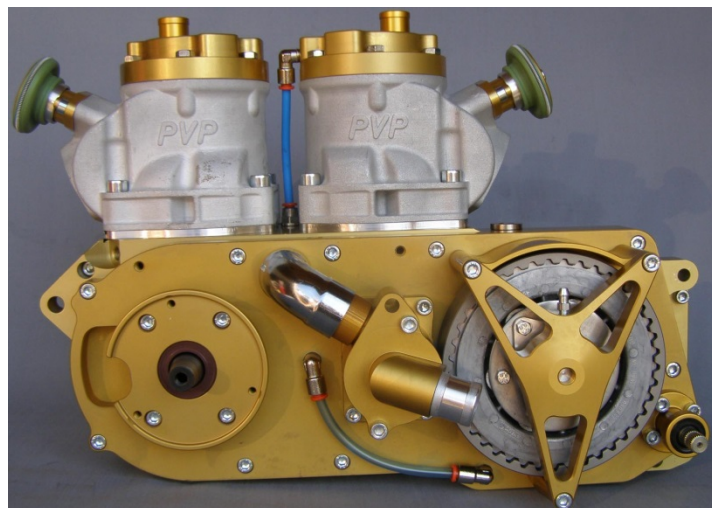


PHOTO DU MOTEUR CÔTÉ PIGNON  
PHOTO OF DRIVE SIDE OF ENGINE

PHOTO DU MOTEUR CÔTÉ OPPOSÉ  
PHOTO OF OPPOSITE SIDE OF ENGINE

Signature et tampon de l'ASN  
*Signature and stamp of the ASN*

Signature et tampon de la CIK-FIA  
*Signature and stamp of the CIK-FIA*

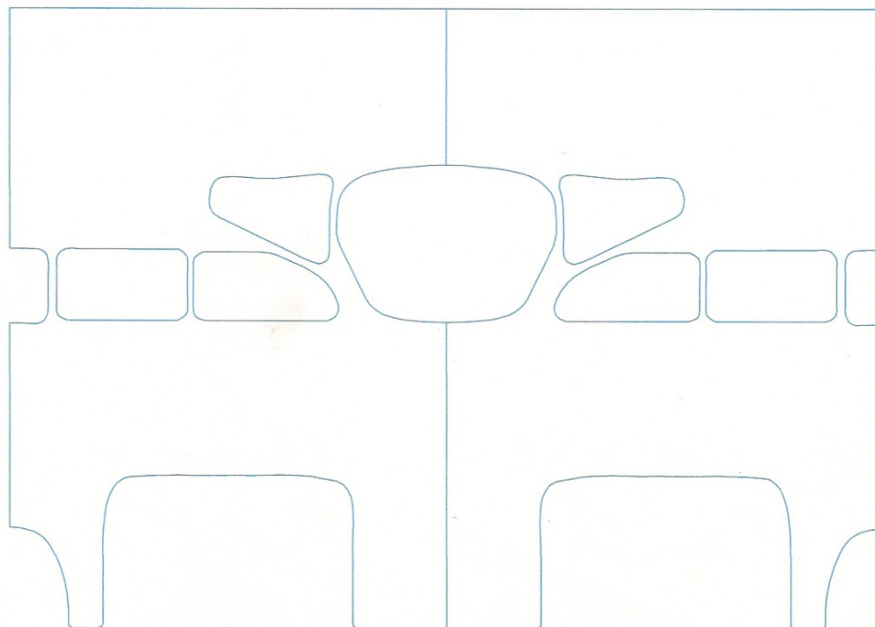



INFORMATIONS TECHNIQUES		TECHNICAL INFORMATION	
A	CARACTÉRISTIQUES	A	CHARACTERISTICS
			Tolérances
Volume du cylindre	<i>Volume of cylinder</i>	<b><u>249,8 cm<sup>3</sup></u></b>	<b><u>&lt; 125 / 250 cm<sup>3</sup></u></b>
Alésage d'origine	<i>Original bore</i>	<b><u>54,01 mm</u></b>	
Alésage théorique maximum	<i>Theoretical maximum bore</i>	<b><u>54.035 mm</u></b>	
Course	<i>Stroke</i>	<b><u>54,5 mm</u></b>	
Système de refroidissement	<i>Cooling system</i>	<b><u>WATER</u></b>	
Nombre de systèmes de carburation	<i>Number of carburation systems</i>	<b><u>2</u></b>	
Nombre de canaux de transfert, cylindre / carter	<i>Number of transfer ducts, cylinder / sump</i>	<b><u>5/3</u></b>	
Nombre de lumières / canaux d'échappement	<i>Number of exhaust ports / ducts</i>	<b><u>3</u></b>	
Forme de la chambre de combustion	<i>Shape of the combustion chamber</i>	<b><u>SPHERICAL</u></b>	
Matériau de la paroi du cylindre	<i>Cylinder wall material</i>	<b><u>NIKASIL</u></b>	
Longueur (entre-axe) de la bielle	<i>Length between the axes of the connecting rod</i>	<b><u>120</u></b>	±0.1 mm
Nombre de segments de piston	<i>Number of piston rings</i>	<b><u>1</u></b>	
<p>Modifications autorisées selon le Règlement Technique. Seules les dimensions et cotes qui ne peuvent pas être modifiées doivent figurer sur la Fiche d'Homologation.</p> <p><i>Modifications allowed according to the Technical Regulations. Only the dimensions and readings which cannot be changed must be mentioned on the Homologation Form.</i></p>			

B	MATÉRIAU	B	MATERIAL
Cylindre	<i>Cylinder</i>		<b><u>AL-SI-ALLOY</u></b>
Culasse	<i>Cylinder head</i>		<b><u>AL-SI-ALLOY</u></b>
Carter	<i>Sump</i>		<b><u>AL-SI-ALLOY</u></b>
Vilebrequin	<i>Crankshaft</i>		<b><u>CR-MO-STEEL</u></b>
Bielle	<i>Connecting rod</i>		<b><u>CR-MO-STEEL</u></b>
Piston	<i>Piston</i>		<b><u>AL-SI-ALLOY</u></b>

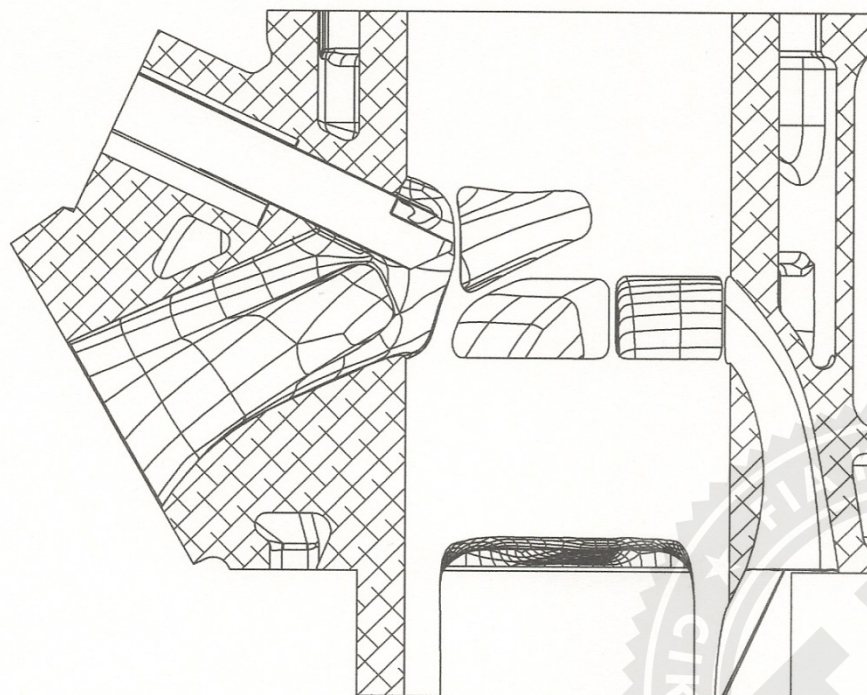
DESSIN DU DÉVELOPPEMENT  
DU CYLINDRE

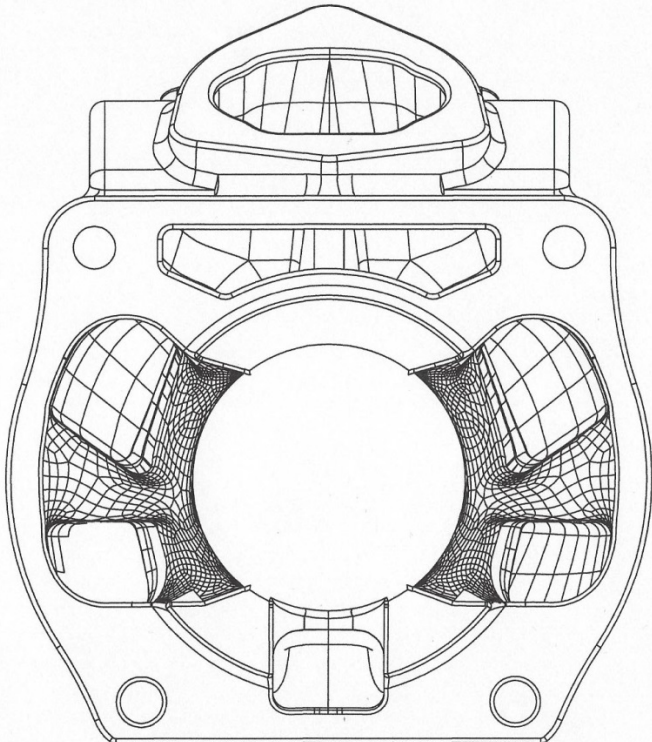
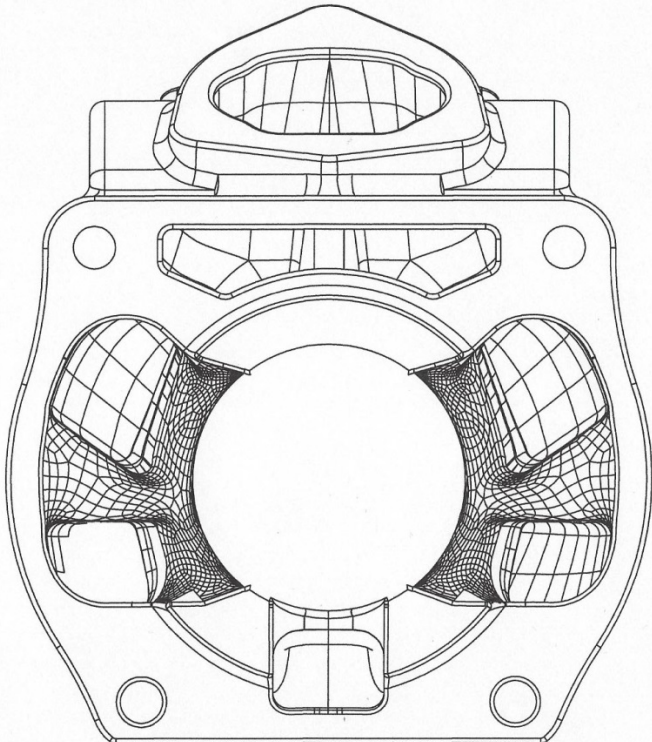
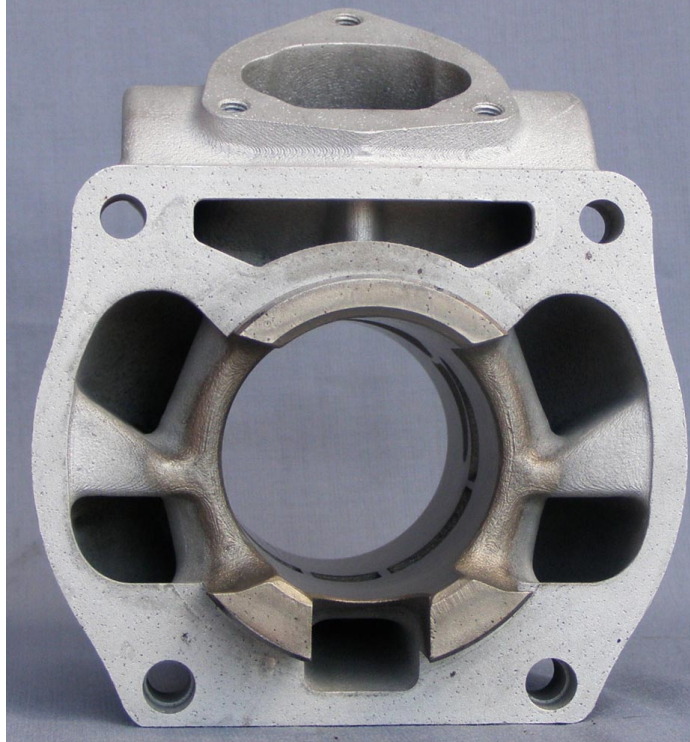
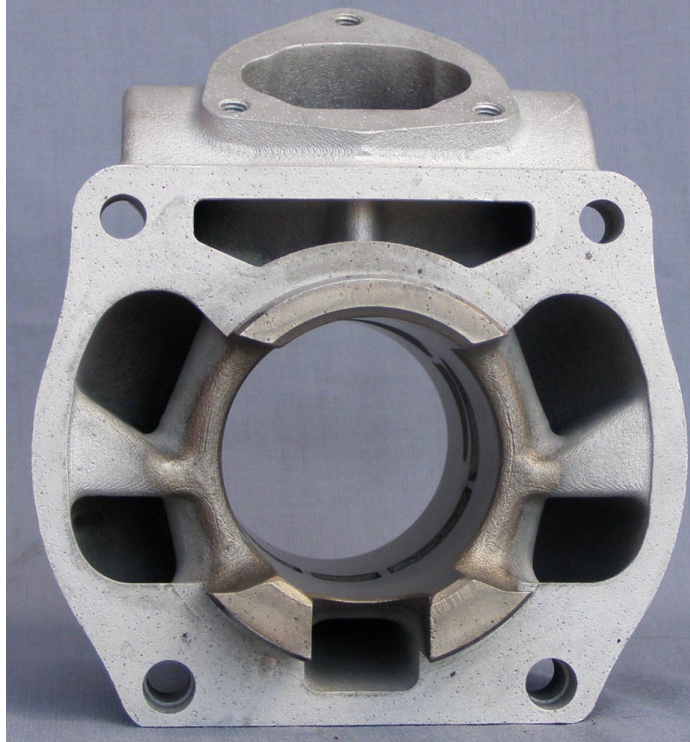
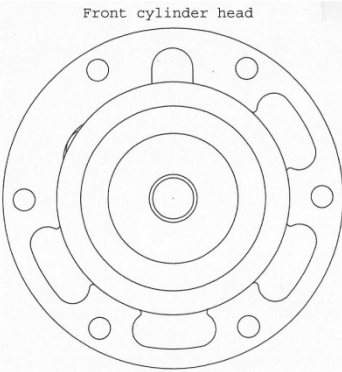
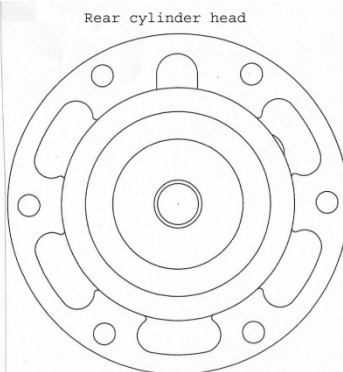
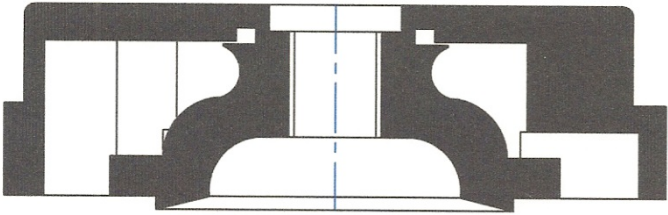
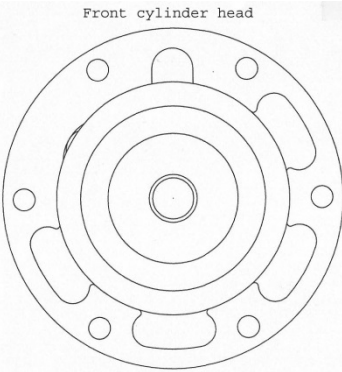
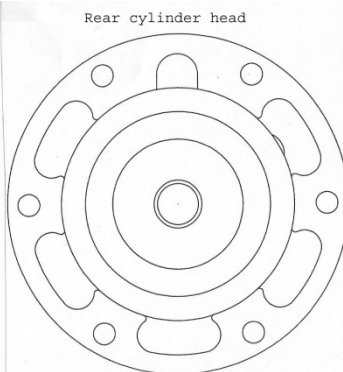
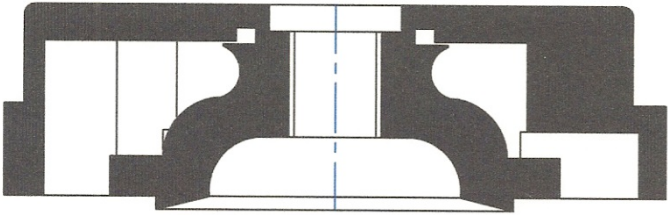
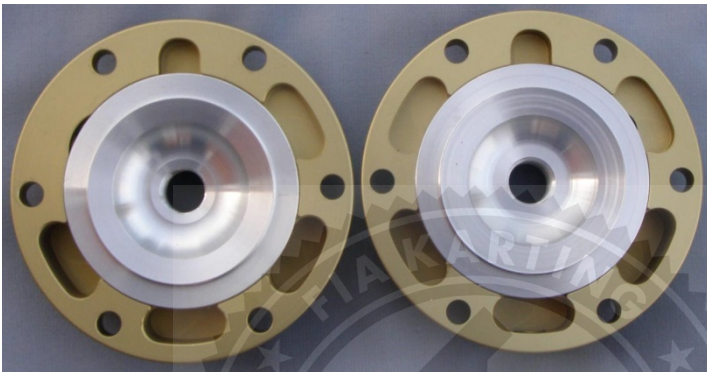
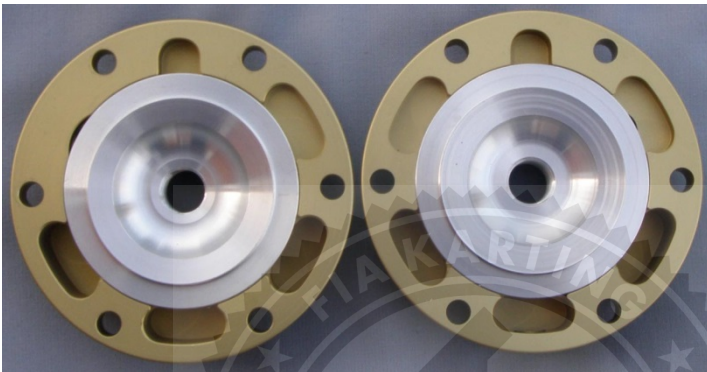
*DRAWING OF THE  
CYLINDER DEVELOPMENT*



VUE EN SECTION DU CYLINDRE

*SECTION VIEW OF CYLINDER*



<p>DESSIN DU PIED DU CYLINDRE</p>	<p>DRAWING OF THE CYLINDER BASE</p>	<p>PHOTO DU PIED DU CYLINDRE</p>	<p>PHOTO OF THE CYLINDER BASE</p>
			
<p>DESSIN DE LA CULASSE ET DE LA CHAMBRE DE COMBUSTION</p>	<p>DRAWING OF THE CYLINDER HEAD AND OF THE COMBUSTION CHAMBER</p>	<p>PHOTO DE LA CHAMBRE DE COMBUSTION</p>	<p>PHOTO OF COMBUSTION CHAMBER</p>
<p>Front cylinder head</p>  <p>Rear cylinder head</p>  	<p>Front cylinder head</p>  <p>Rear cylinder head</p>  		



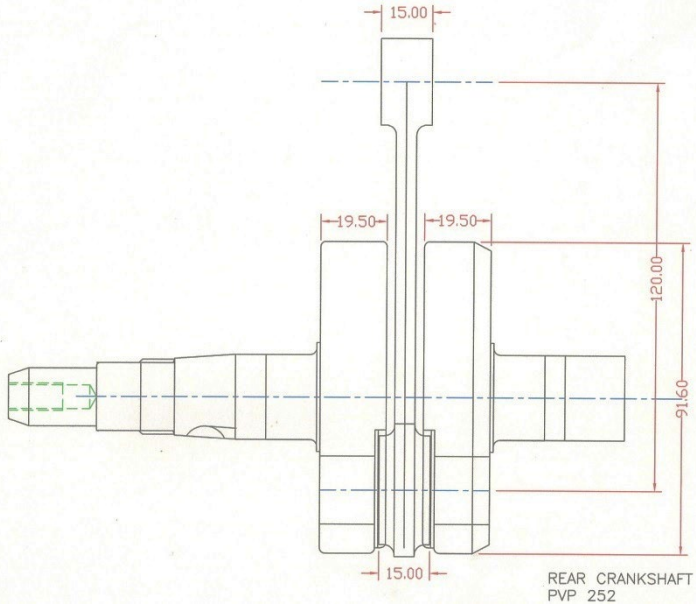

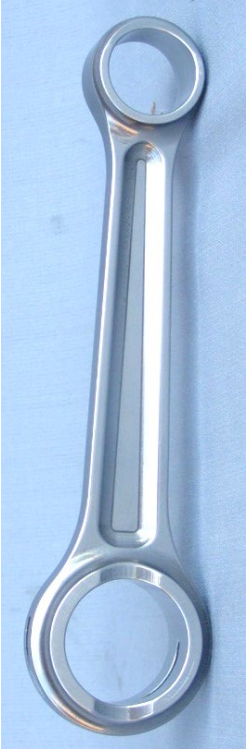


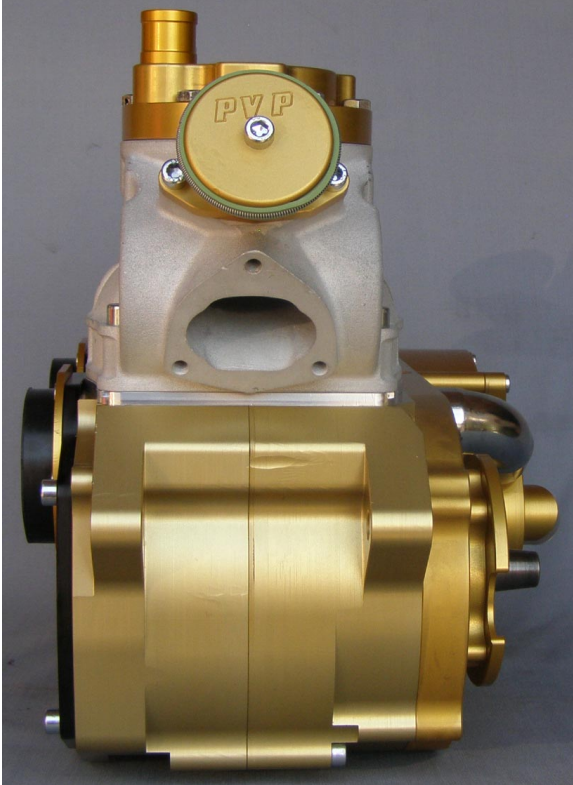
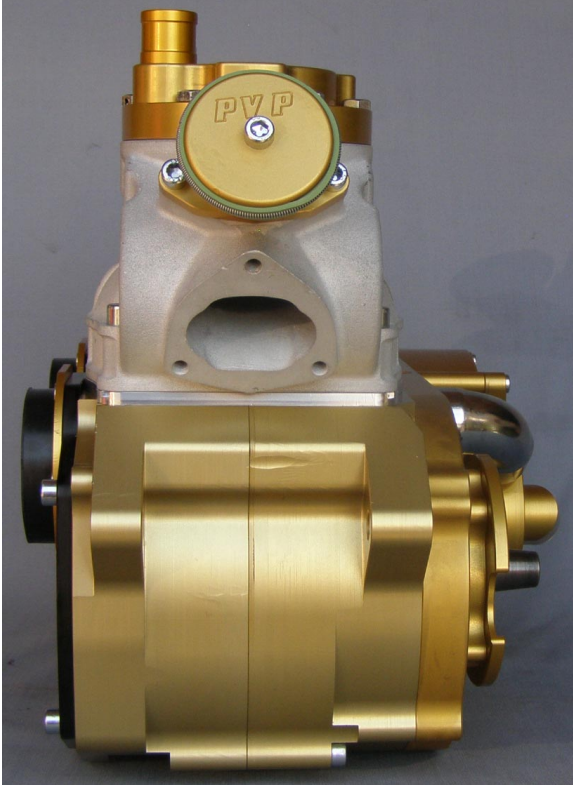
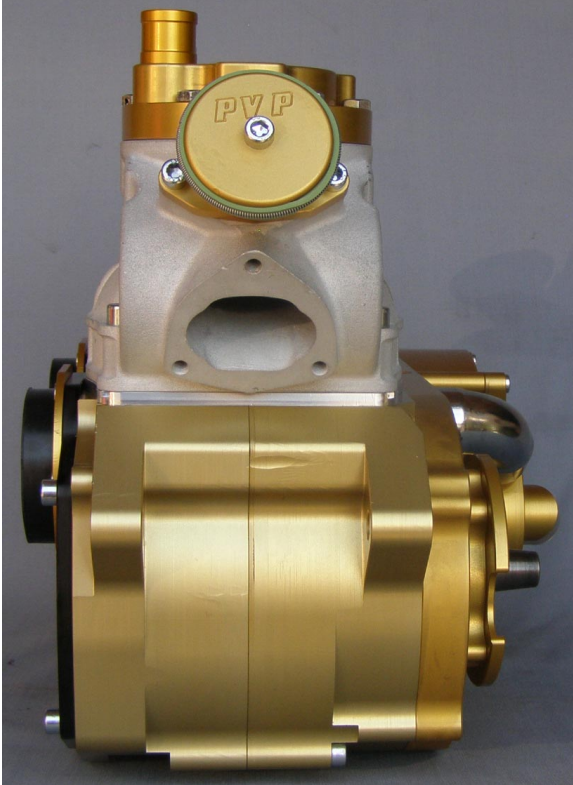
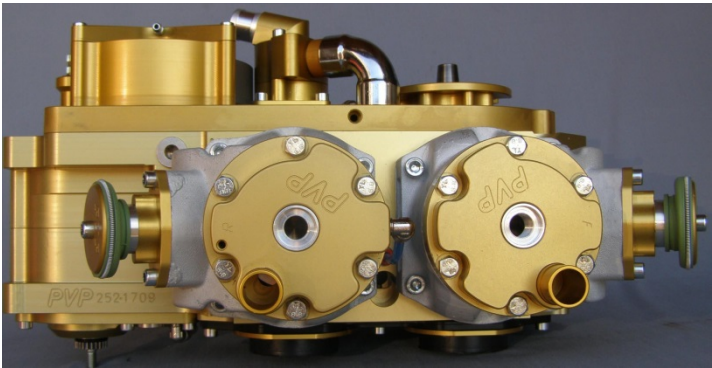
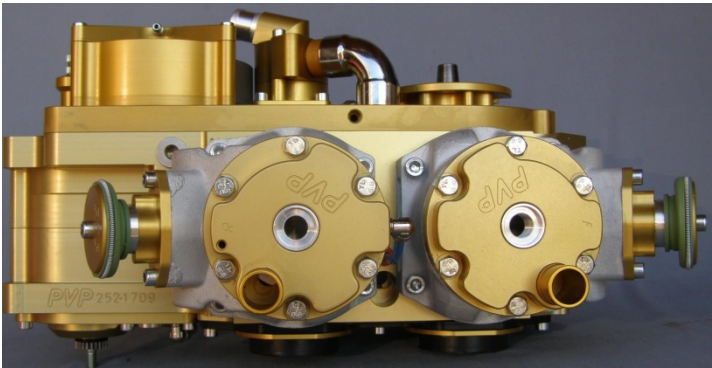
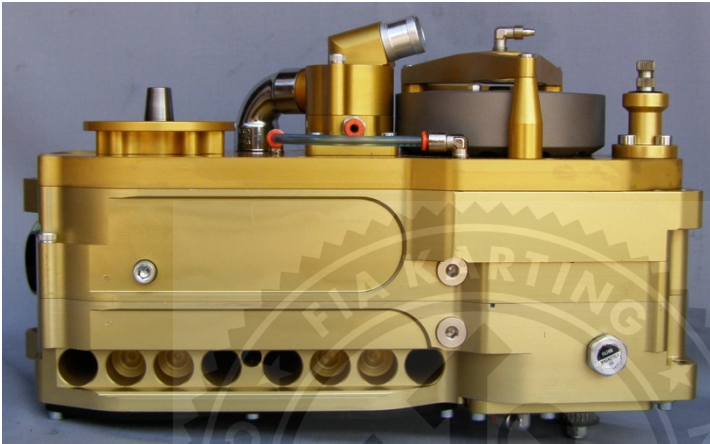
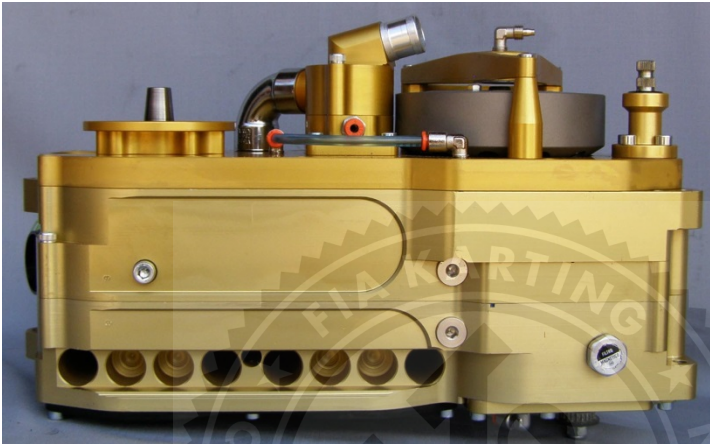
DESSIN DU VILEBREQUIN	DRAWING OF THE CRANKSHAFT	PHOTO DU VILEBREQUIN	PHOTO OF THE CRANKSHAFT
	 <p>REAR CRANKSHAFT PVP 252</p>		
PHOTO DE LA BIELLE	PHOTO OF THE CONROD	PHOTO DU PISTON	PHOTO OF THE PISTON
			

PHOTO DE L'ARRIÈRE DU MOTEUR	PHOTO OF THE BACK OF THE ENGINE	PHOTO DE L'AVANT DU MOTEUR	PHOTO OF THE FRONT OF ENGINE
			
PHOTO DU MOTEUR PARTIE SUPÉRIEURE	PHOTO OF THE UPPER PART OF THE ENGINE	PHOTO DU MOTEUR PARTIE INFÉRIEURE	PHOTO OF THE LOWER PART OF THE ENGINE
			

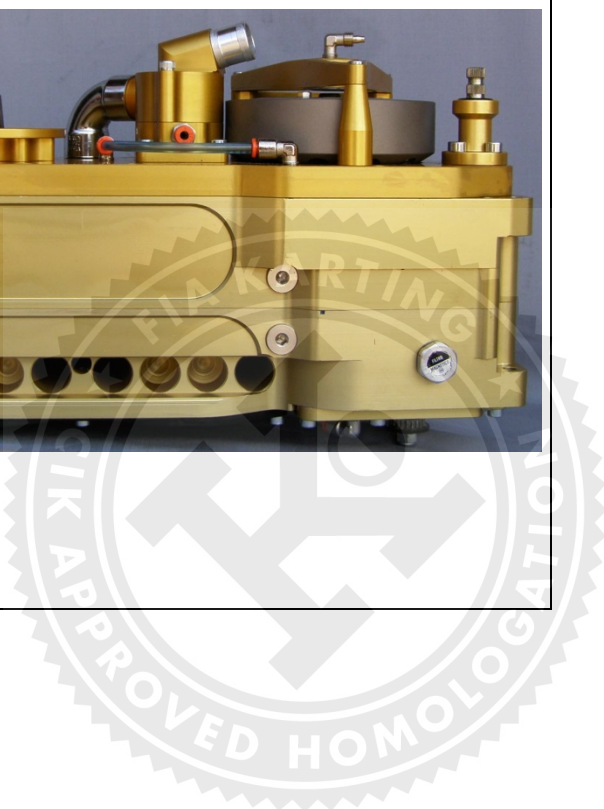
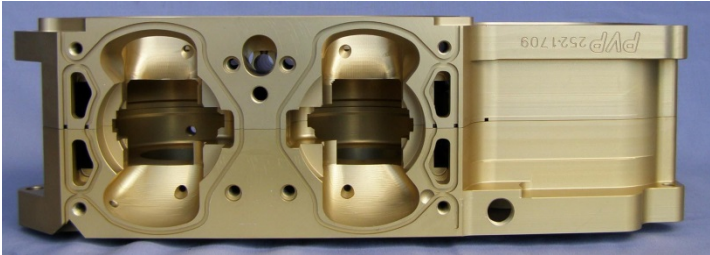
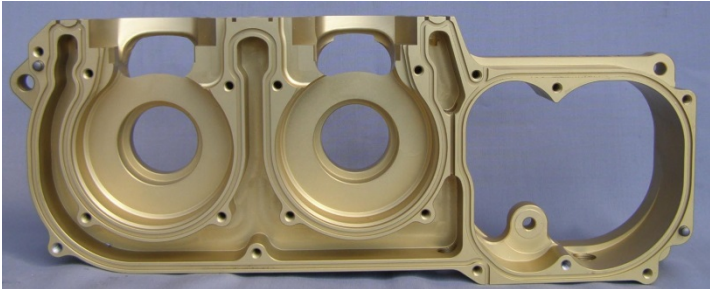


PHOTO DU CARTER (CÔTÉ JOINT)	PHOTO OF THE SUMP (GASKET FACE)	PHOTO D'UNE PARTIE INTÉRIEURE DU CARTER	PHOTO OF AN INTERNAL PART OF THE SUMP
			

BOÎTE DE VITESSES		GEARBOX	
Couple primaire	<i>Primary coupling</i>	<b><u>26/58</u></b>	
Rapports de boîte de vitesses		<i>Gearbox ratios</i>	
Vitesse <i>Gear</i>	Arbre primaire <i>Primary shaft</i>	Arbre secondaire <i>Secondary shaft</i>	
1 <sup>ère</sup> / 1 <sup>st</sup>	<b><u>12</u></b>	<b><u>31</u></b>	
2 <sup>e</sup> / 2 <sup>nd</sup>	<b><u>15</u></b>	<b><u>29</u></b>	
3 <sup>e</sup> / 3 <sup>rd</sup>	<b><u>14</u></b>	<b><u>22</u></b>	
4 <sup>e</sup> / 4 <sup>th</sup>	<b><u>17</u></b>	<b><u>23</u></b>	
5 <sup>e</sup> / 5 <sup>th</sup>	<b><u>18</u></b>	<b><u>22</u></b>	
6 <sup>e</sup> / 6 <sup>th</sup>	<b><u>20</u></b>	<b><u>23</u></b>	