



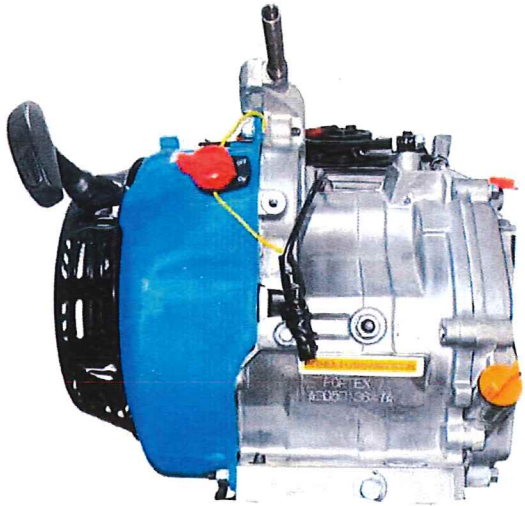

CONFEDERAÇÃO
BRASILEIRA
DE AUTOMOBILISMO



FICHA DE HOMOLOGAÇÃO

MOTOR FORTEX G6 4-TEMPOS 401CC
REFRIGERADO A AR

Fabricante	Manufacturer	R & B EQUIPAMENTOS LTDA. CNPJ:03.355.863/0001-70
Marca	Brand	FORTEX
Modelo	Model	G6
Nº Homologação	Nº Homologation	
Válida até	Valid until	
Número de páginas	Numbe of pages	15
<p>Esta Ficha de Homologação reproduz descrições, ilustrações e dimensões do motor no momento da homologação pela CIK-FIA ou CNK-CBA. A altura do motor completo em todas as fotos deve ser, no mínimo, 7 cm.</p>		<p>This Homologation Form reproduces descriptions, illustrations and dimensions of the engine at the time the CIK-FIA or CNK/CBA conducted the homologation. The height of the complete engine on all photographs must be as a minimum 7 cm</p>
<p>FOTO DO MOTOR PELO LADO DO EIXO PHOTO OF DRIVE SIDE OF ENGINE</p>		<p>FOTO DO MOTOR PELO LADO OPOSTO PHOTO OF OPPOSITE SIDE OF ENGINE</p>
<p>ASSINATURA E CARIMBO CBA Signature and stamp of the ASN</p>		<p>ASSINATURA E CARIMBO DO FABRICANTE Signature and stamp of the manufacturer</p>

LATERAL DO MOTOR	ENGINE SIDE	PARTE SUPERIOR DO MOTOR	TOP OF ENGINE
 <p>A side view of a blue and silver Fortex motor. The blue cover is on the left, and the silver engine block is on the right. A yellow label is visible on the silver part.</p>		 <p>A top view of a blue and silver Fortex motor. The blue cover is at the bottom, and the silver engine block is at the top. A red fuel line is visible on the left side.</p>	

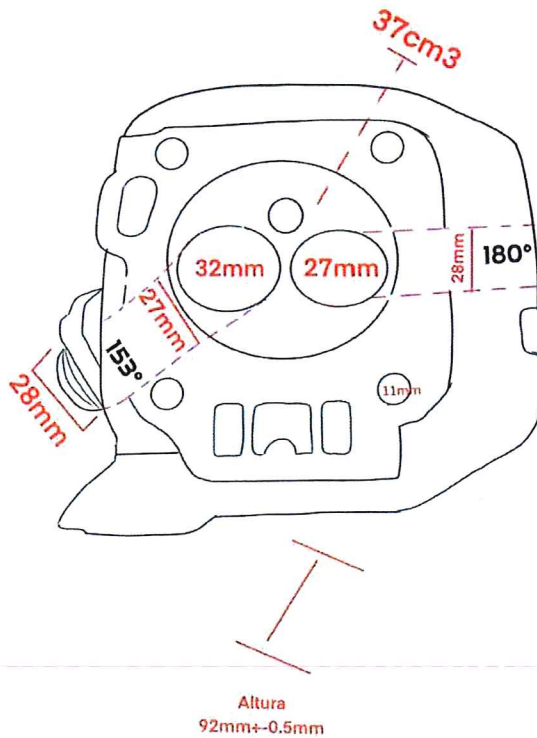


INFORMAÇÕES TÉCNICAS		TECHNICAL INFORMATION	
CARACTERÍSTICAS		CHARACTERISTICS	
Cilindro	Cylinder		
Volume do cilindro	Volume of cylinder	401.20cm ³	
Diâmetro original	Original bore	88mm	<0.01mm
Diâmetro teórico máximo	Theoretical maximum bore	88.04mm	
Curso original	Original Stroke	66mm	
Altura do bloco do cilindro	Height of cylinder block	116mm	±0.2mm
Número de dutos de transferência, cilindro/cárter	Number of transfer ducts, cylinder/sum	01	
Número de exaustores/dutos de escapamento	Number of exhaust ports / ducts	01	
Volume da câmara de combustão + rosca da vela	Volume of the combustion chamber + spark plug screw	37cm ³	
Virabrequim	Crankshaft		
Número de mancais	Number of bearings	01	
Diâmetro dos mancais	Diameter of bearings	36mm	±0.1 mm
Peso mínimo do Virabrequim	Minimum weight of crankshaft	3925g	<10g
Eixo da biela	Connecting rod in		
Diâmetro do eixo da biela	Diameter of connecting rod pin	28mm por 23mm	±0.02mm
Comprimento do eixo da biela	Connecting rod shaft length	82,5mm	±0.02mm
Biela	Connecting rod		
Distância entre eixos da biela	Connecting rod centreline	112,5mm	±0.2mm
Diâmetro do furo maior	Diameter of big end	39mm s/mancal 36mm c/mancal	±0.1 mm
Diâmetro do furo menor	Diameter of small end	20mm	
Peso mínimo da biela	Min. Weight of the connecting rod	270g	Minimum
Pistão	Piston		
Número de anéis do pistão	Number of piston rings	05	
Peso mínimo do pistão somente	Min, weight of the single piston	290g	
Espessura dos anéis		2mm / 2.6mm	±0.01
Volante	Flying wheel		
Peso	Weight	3650	<50g

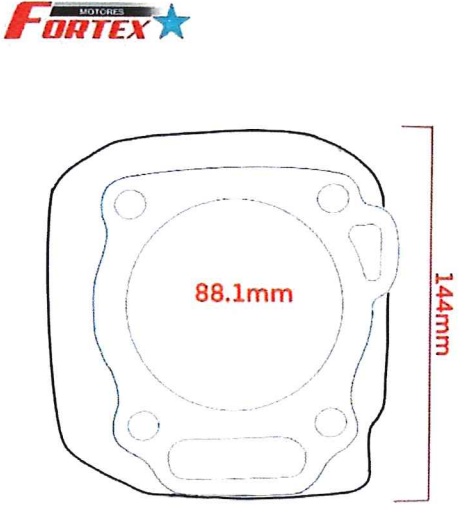
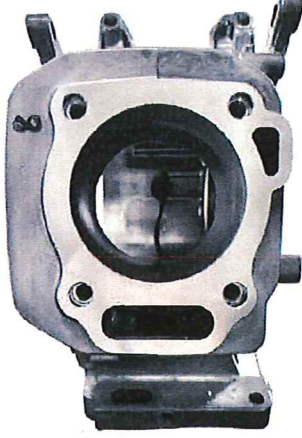


Admissão	Admission	153graus	Homologação CBA nº
Escapamento	Exhaust	180graus	
MATERIAIS	MATERIALS		
Cabeçote	Cylinder head	ALUMÍNIO	
Cilindro	Cylinder	ALUMÍNIO	
Parede cilindro	Cylinder wall	FERRO FUNDIDO	
Cárter	Sum	ALUMÍNIO	
Virabrequim	Crankshaft	FERRO FUNDIDO	
Biela	Connectin rod	ALUMÍNIO FORJADO	
Pistão	Piston	ALUMÍNIO FORJADO	

D	FOTOS E DESENHOS	D	PHOTOS & GRAPHS
DESENHO DO DESENVOLVIMENTO DO CILINDRO		DRAWING OF THE CYLINDER DEVELOPMENT	

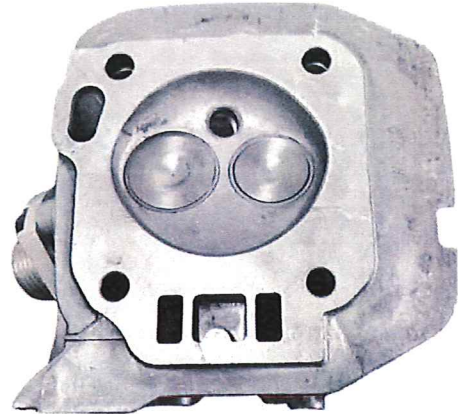
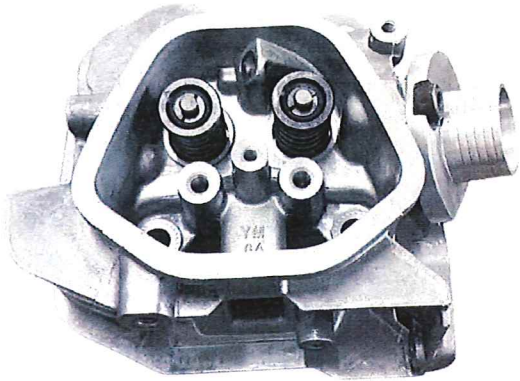


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DESENHO DA BASE DO CILINDRO	DRAWING OF THE CYLINDER BASE	FOTO DA BASE DO CILINDRO	PHOTO OF THE CYLINDER BASE
			
CABEÇOTE		CILINDER HEAD	

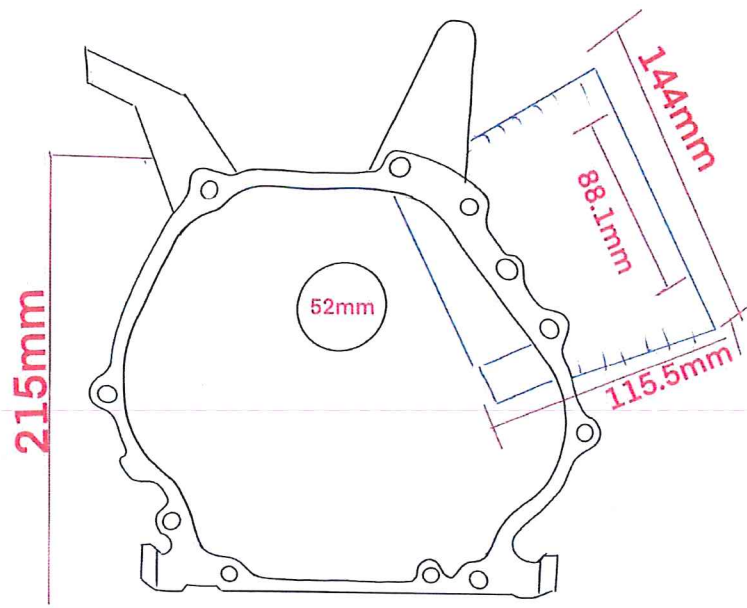


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VISTA DO CILINDRO/BLOCO

VIEW OF HEAD/CYLINDER



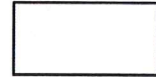
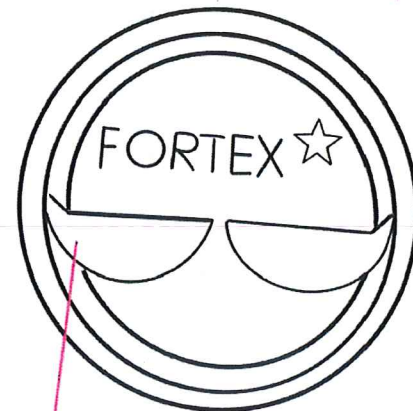
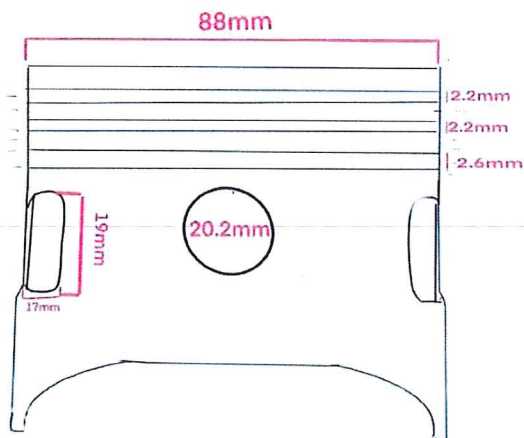


FOTO DO VIRABREQUIM PHOTO OF THE CRANKSHAFT	FOTO DA BIELA PHOTO OF THE CONROD
	



CBA-28/M/13

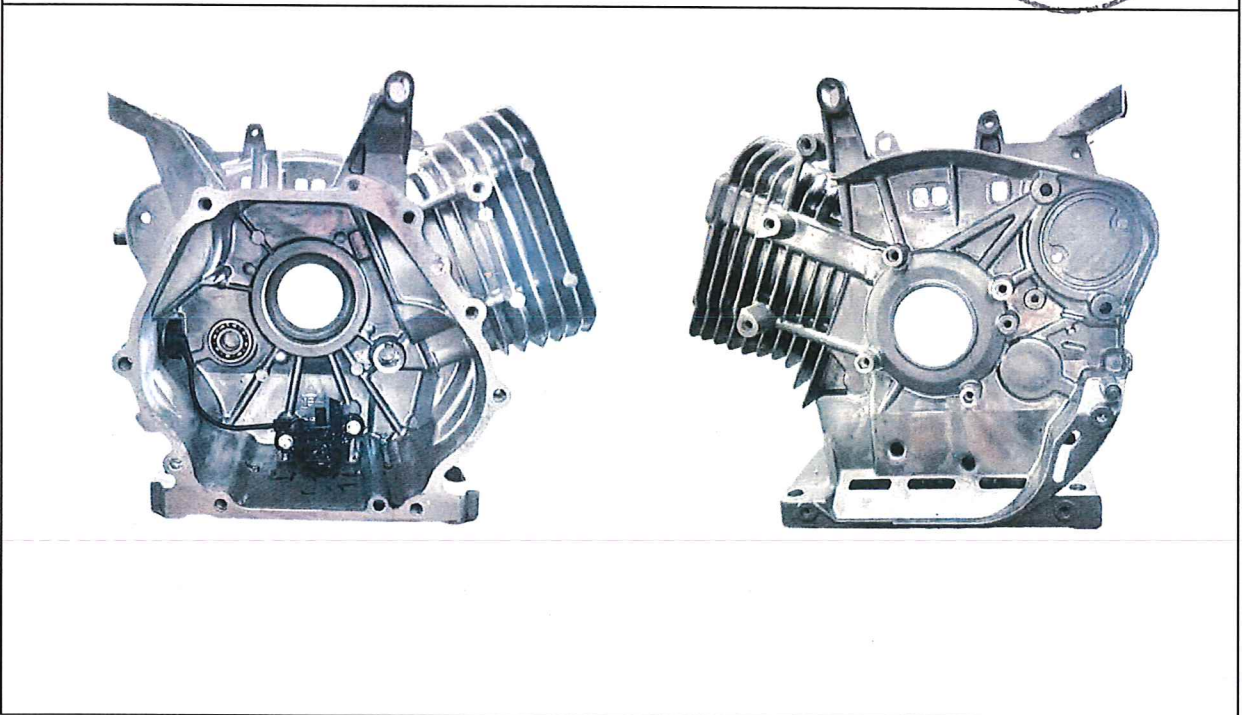
DESENHO DO PISTÃO	DRAWING OF THE PISTON
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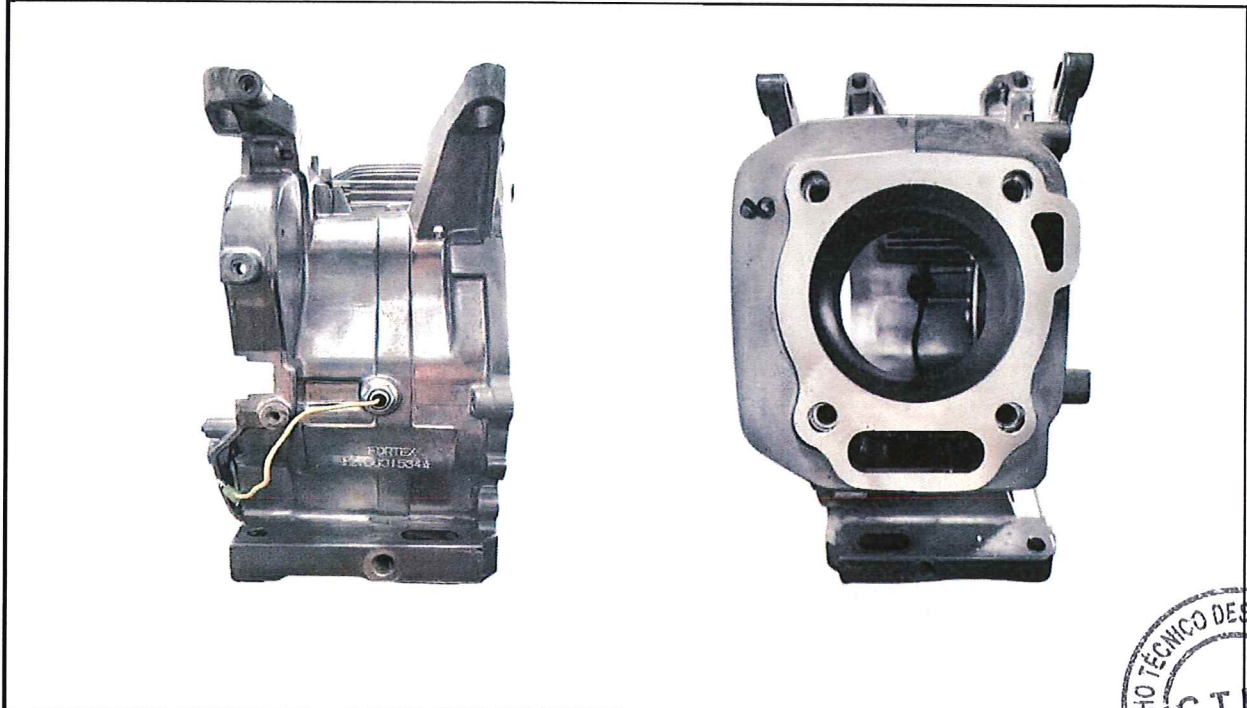


PARTE SUPERIOR DO PISTÃO	TOP OF THE PISTON	LATERAL DO PISTÃO	SIDE OF PISTON
			



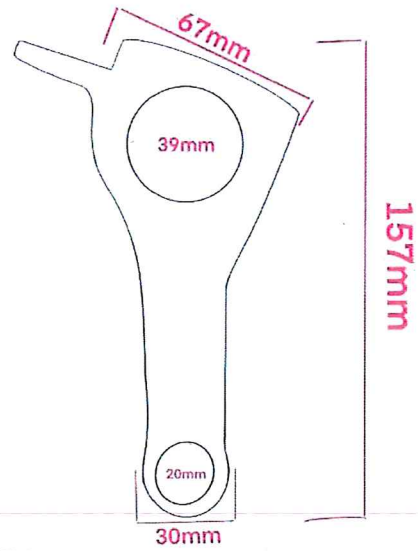
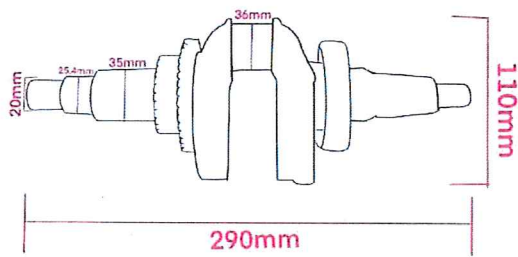
BLOCO DO MOTOR EM TODOS OS ANGULOS



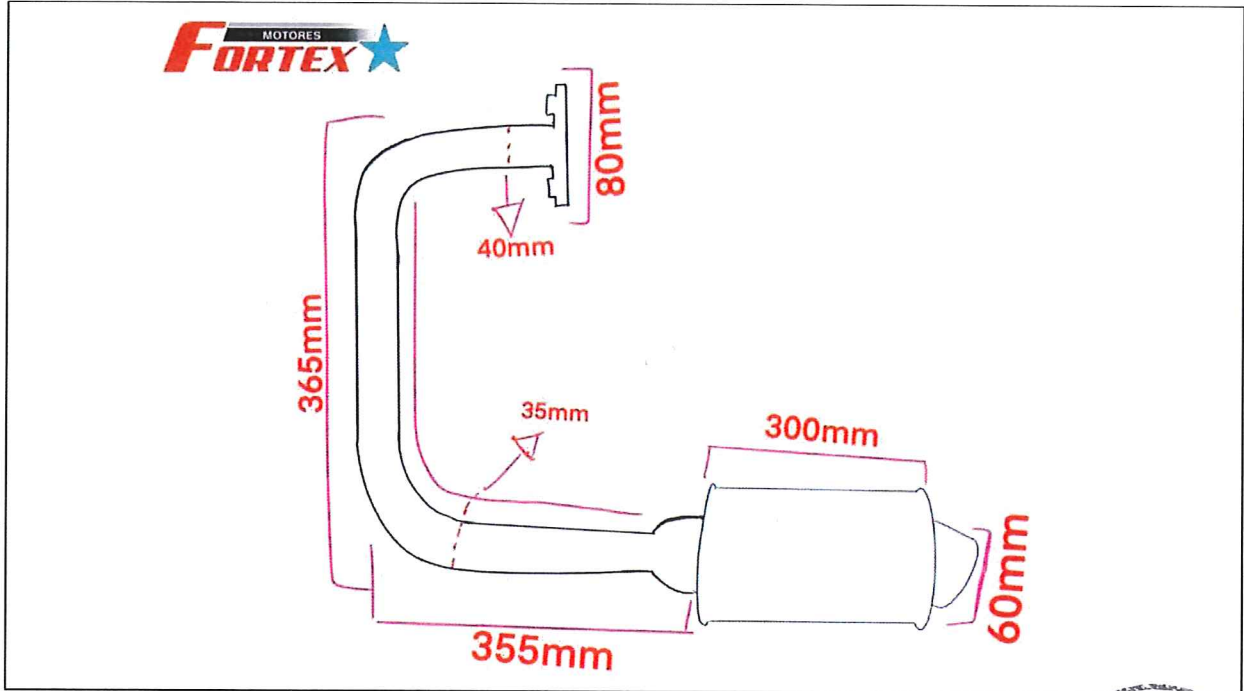


DESENHO DO VIRABREQUIM - BIELA

DRAWING OF THE CRANKSHAFT-CONROD



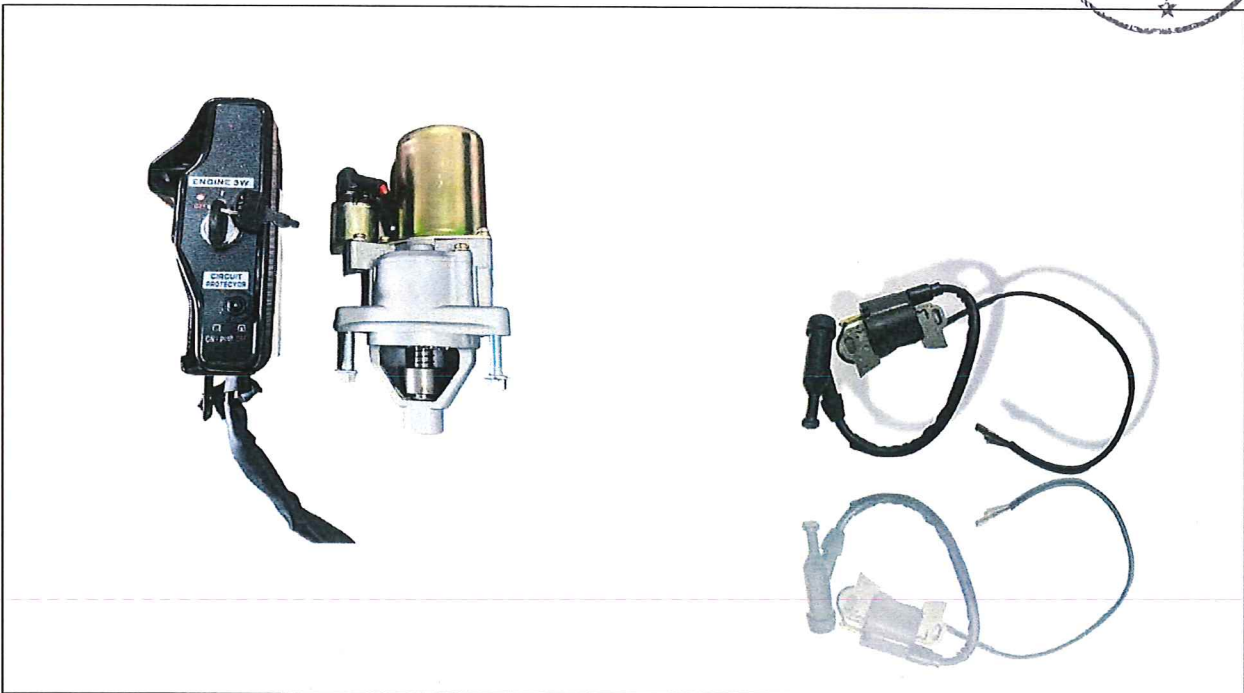
DESENHO DO ESCAPAMENTO



SISTEMA ELÉTRICO / ELECTRICAL SYSTEM

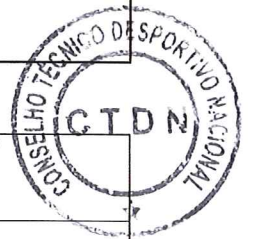
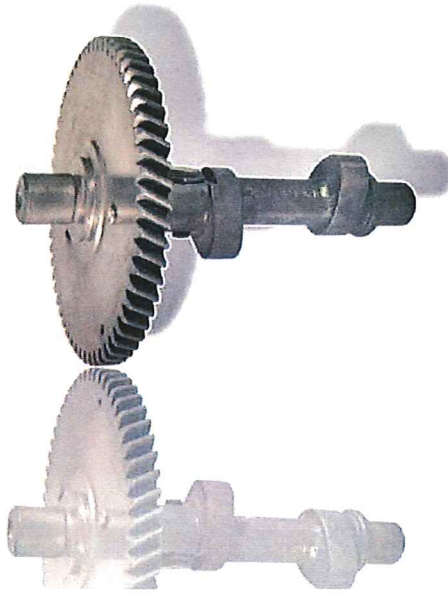
SISTEMA DE IGNIÇÃO

IGNITION SYSTEM

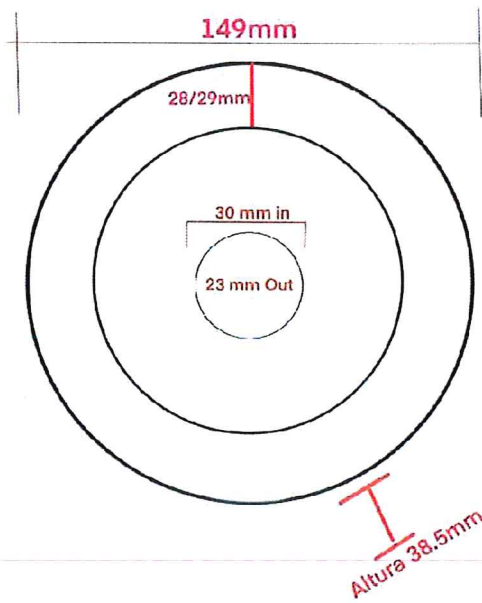


COMANDO DO MOTOR
CAMSHAFT

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Homologação CBA nº



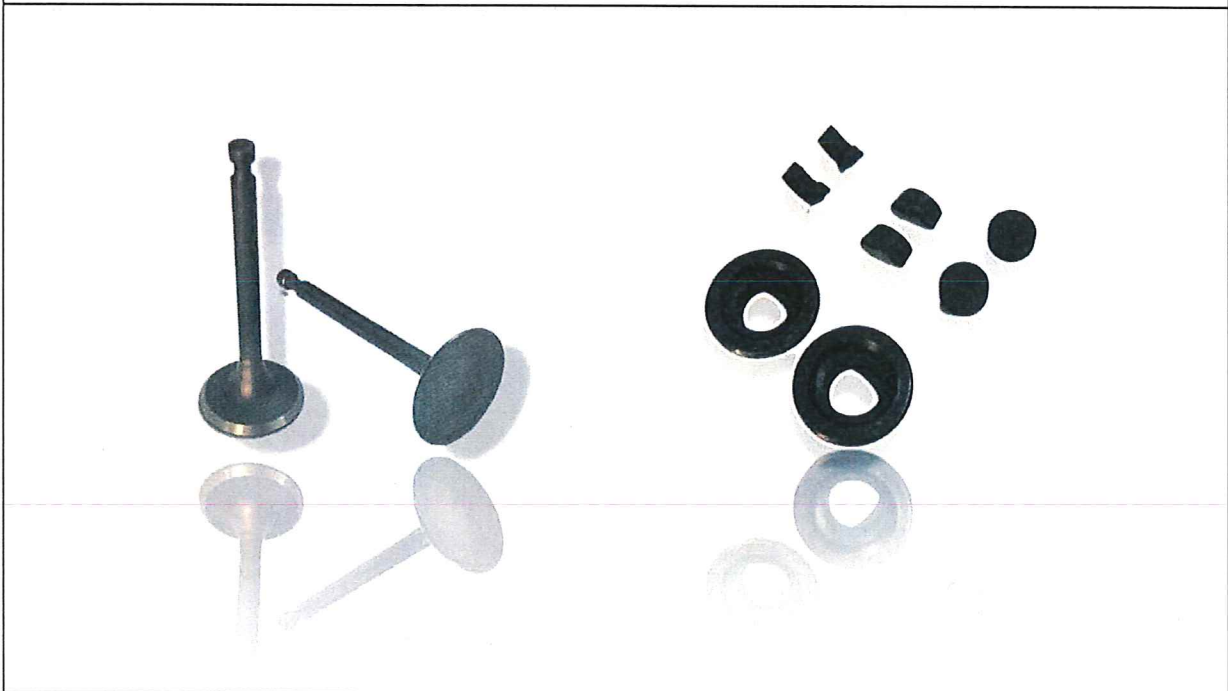
VOLANTE DE ALUMÍNIO MISTO / MIXED ALUMINIUM FLYING WHEEL / DESENHO /
DRAWING



EMBREGEM REFORÇADA COM 16 A 21 DENTES / REINFORCED CLUTCH WITH 16 TO 21 TEETH

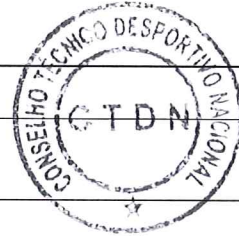
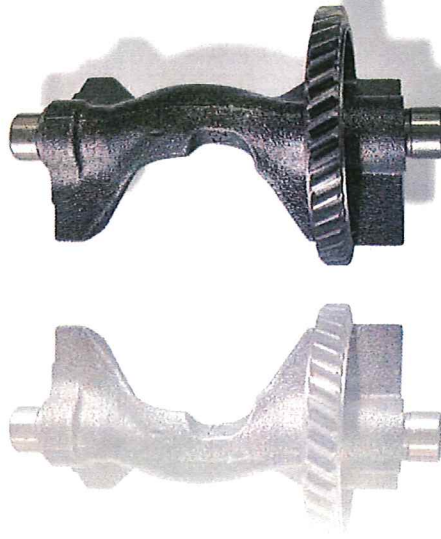


VÁLVULAS DO MOTOR E PRATOS DE FIXAÇÃO / ENGINE VALVES AND LOCK DISHES

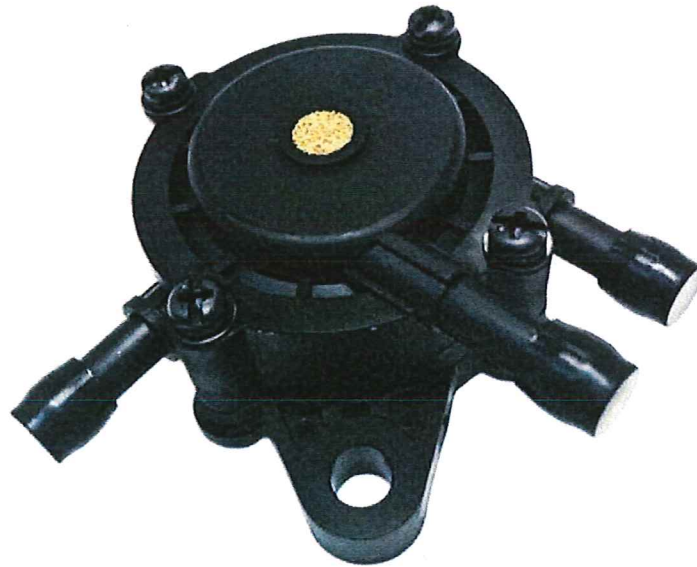


BALANCEADOR HARMONICO / HARMONIC BALANCER

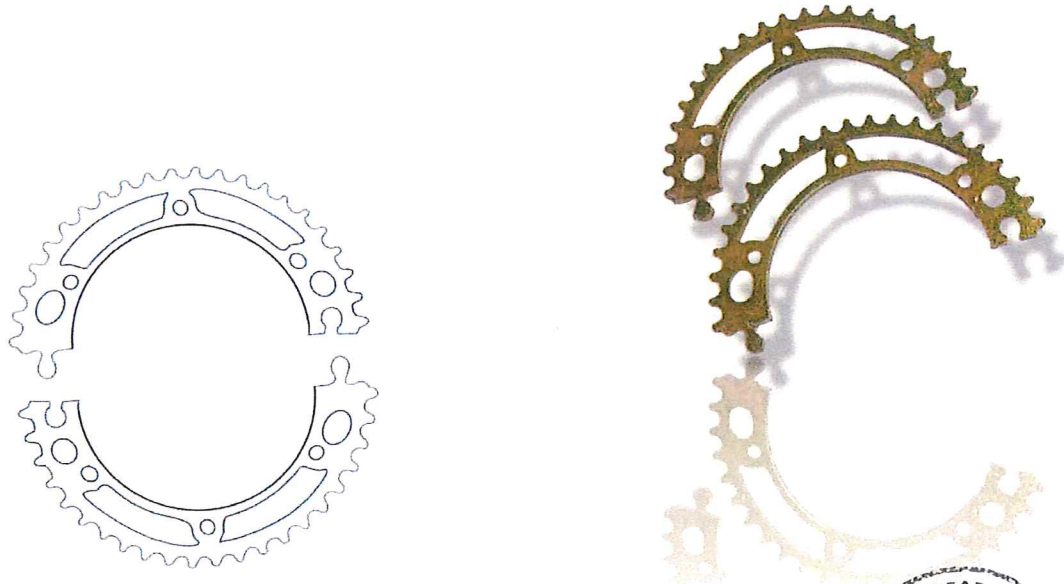
Homologação CBA Nº



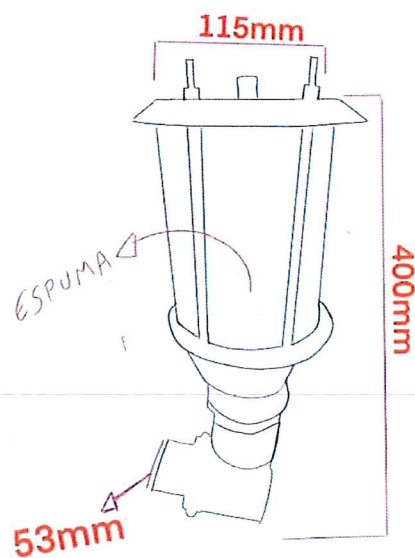
BOMBA DE COMBUSTÍVEL / FUEL PUMP



COROA BI-PARTIDA / TWO-PART CROWN



DESENHO DO FILTRO / FILTER DRAWING



CARBURADOR GUILHOTINA FORTEX 30MM /
FORTEX GUILLOTINE CARBURETOR 30MM

Homologação CBA nº

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