MINI / MICRO ROK 2026

IDENTIFICATION SHEET
This Identification Sheet reproduces descriptions, illustrations and dimensions of the **MINI AND MICRO ROK.**

ATTENTION	
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TECHNICAL INFORMATION AND CHARACTERTICS	
ORIGINAL BORE	41,96 mm
MAX ALLOWED BORE	42.10 mm
STROKE	43 +/- 0,1 mm
ORIGINAL DISPLACEMENT	60 cc
CONROD C-TO-C DISTANCE	90 +/- 0,1 mm
WEIGHT OF CONROD	94g +/- 2g
SPROCKET	Z10-Z11-Z12
CYLINDER DEVELOPEMENT AND DISTRIBUTION	
EXHAUST PORT	154° +/- 2° (US)
MAIN TRANSFER	116° ±1.5°
ADMISSION	143° ±1.5°

Check of the distribution as described in the **ROK CUP USA 2026 Technical Regulation.**

Measurement must be done with engine head dismantled (studs tightening torque: 1.8 kgm).

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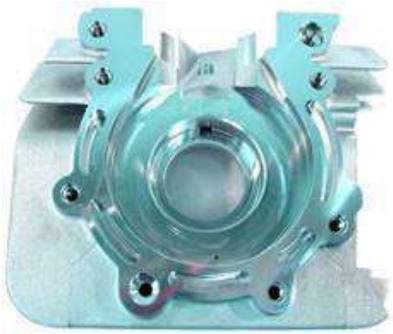
PICTURE ENGINE UPPER SIDE	PICTURE ENGINE LOWER SIDE
CYLINDER BASE	**CYLINDERHEAD AND COMBUSTION CHAMBER**
PICTURE OF THE CRANKCASE	**INTERIOR PICTURE OF THE CRANKCASE**
	

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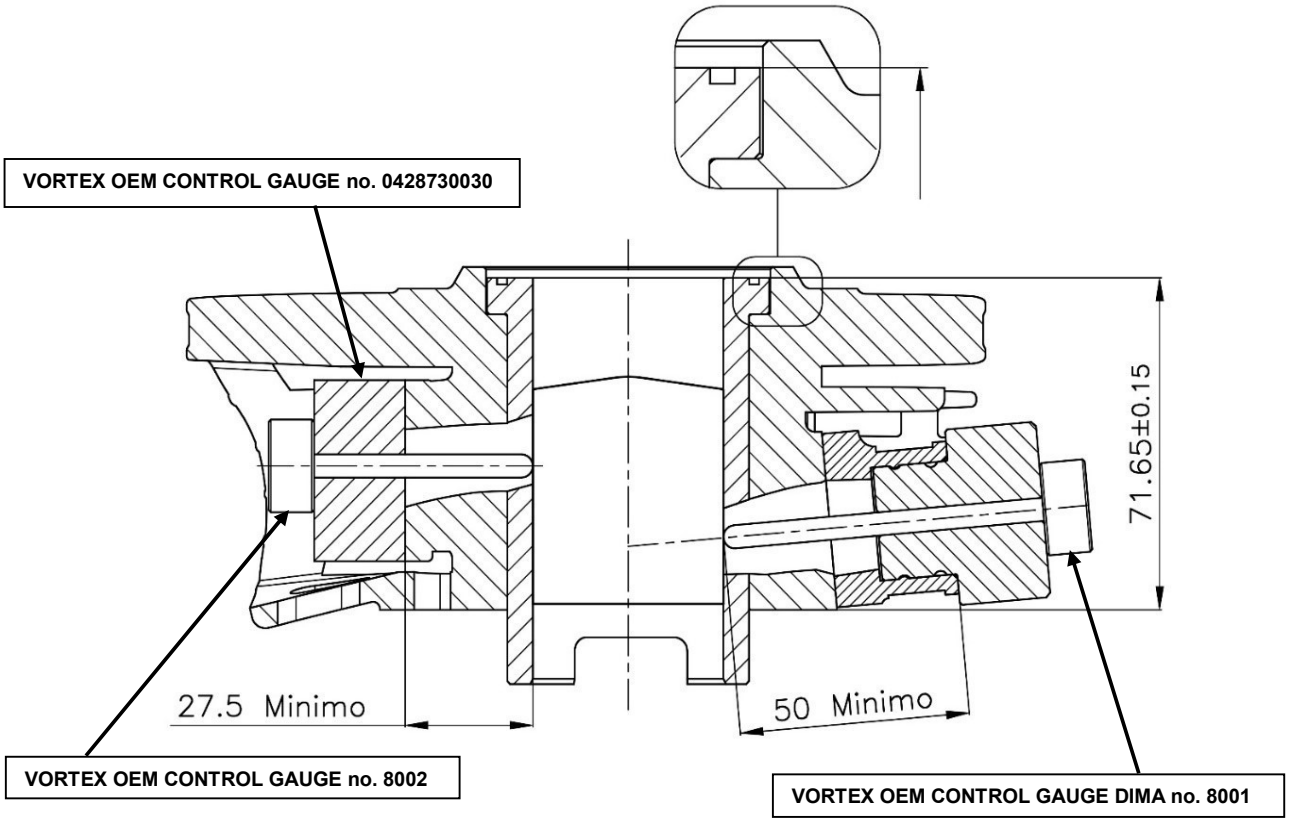
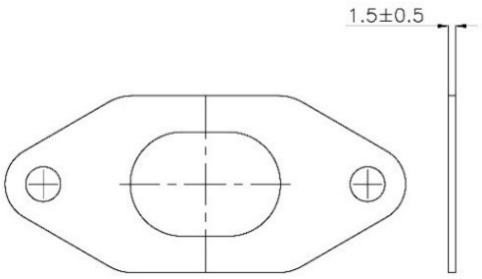
CYLINDER SECTION

MINIMUM DISTANCE OF THE CARBURETTOR SUPPORTING PLATE FROM THE CYLINDER AXLE



EXHAUST GASKET



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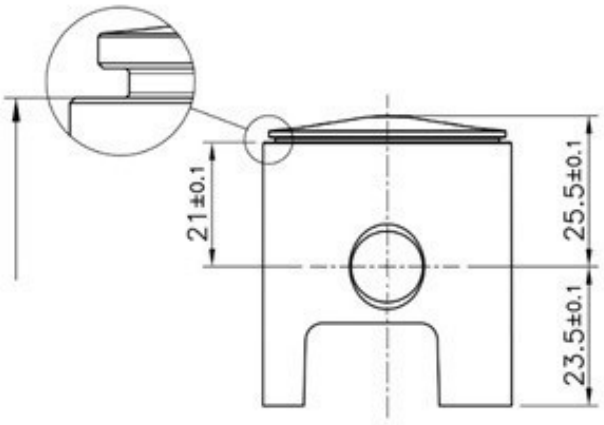
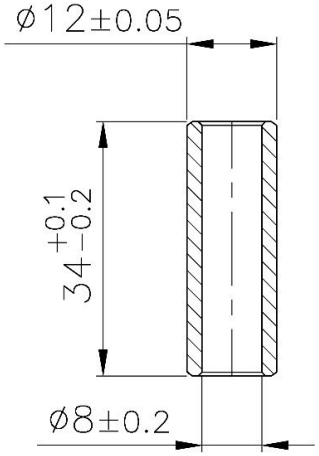
PISTON



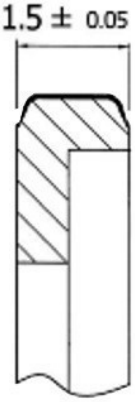
- WEIGHT -
59 gr +/- 5 gr

PISTON PIN



- WEIGHT -
15 gr Min

PISTON RING DETAIL PIECE



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PICTURE AND MARKING OF THE PISTON	
Mandatory to have the brand VORTEX cast piston as shown in the picture. **Mandatory to have the number of the mold cast as shown in the picture.**	
OPTION 1 	OPTION 1
OPTION 2 	OPTION 2

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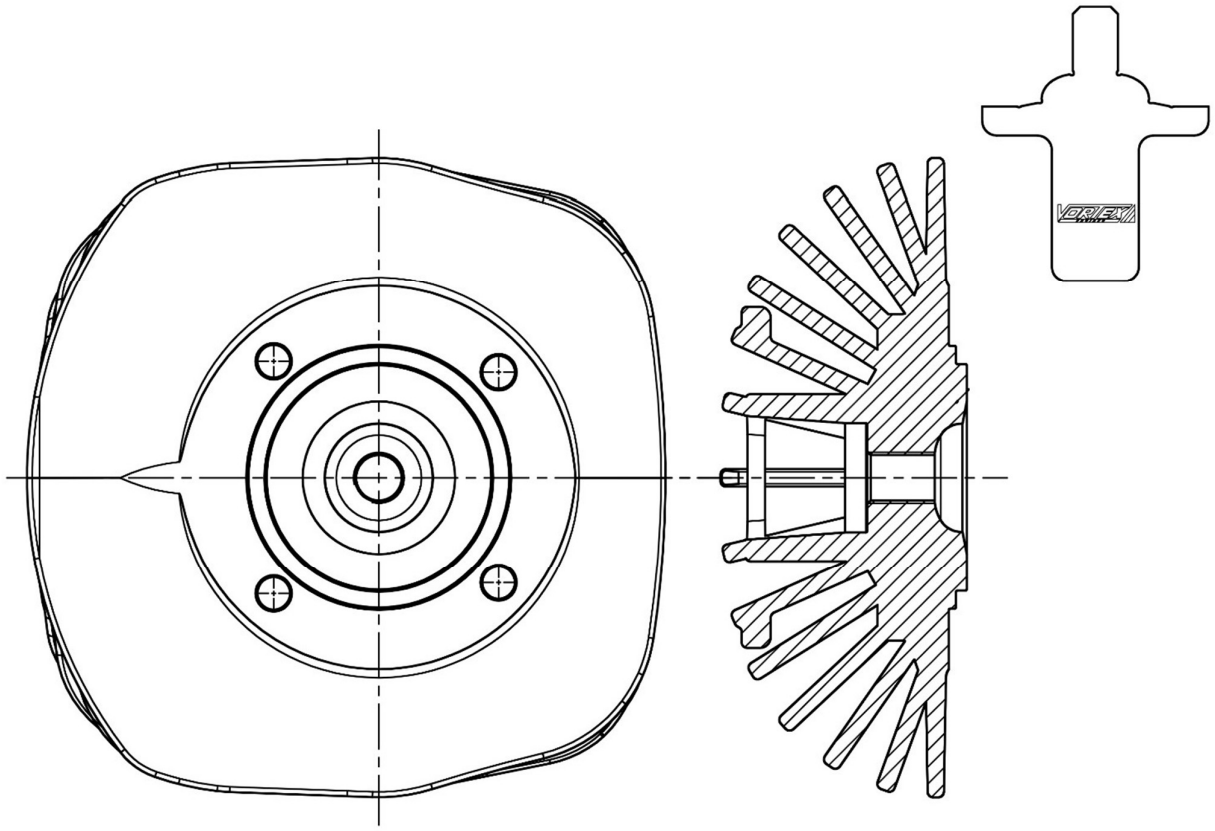
DRAWING OF CYLINDERHEAD AND COMBUSTION CHAMBER

Volume of combustion chamber, as described in the **ROK CUP USA Technical Regulation 2026.**

SQUISH THICKNESS – SQUISH - EPESSEUR DE SQUISH: 0,8 mm MIN

Template gauge for checking the combustion chamber profile



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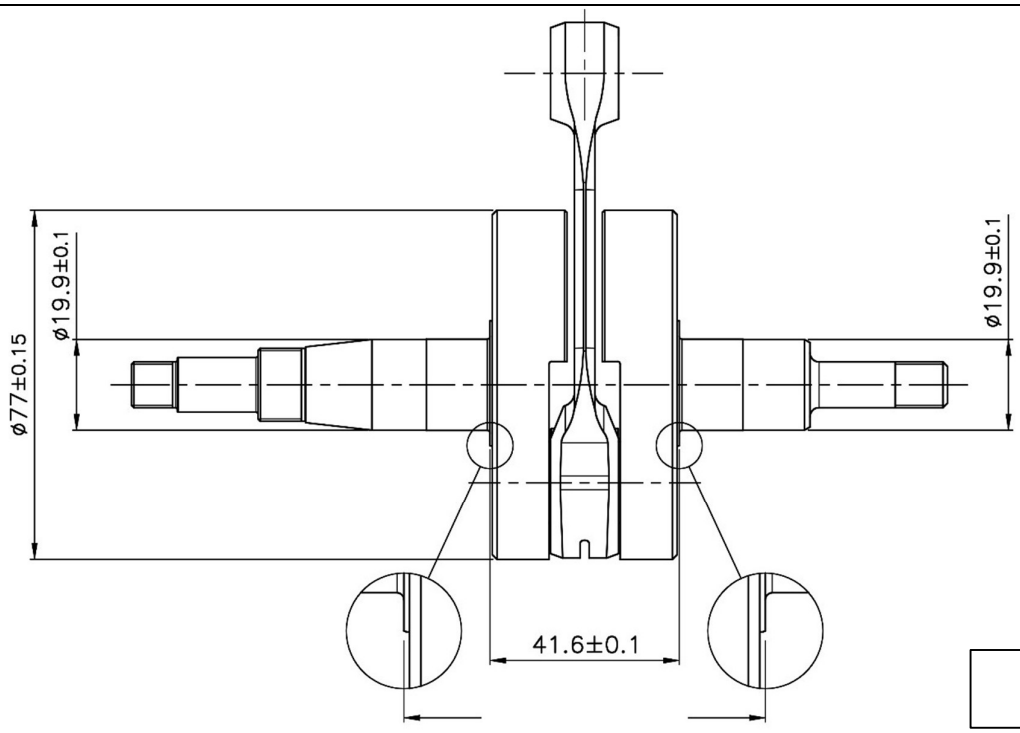
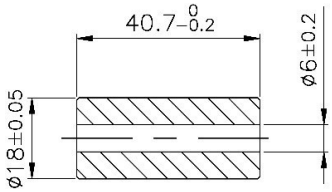
CRANKSHAFT AND CRANKPIN



- Weight -
1.312g +/- 10g

CRANK PIN



- Weight -
71g +/- 1g

OPTION 1

OPTION 2

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PICTURES AMD MARKING OF CONROD

PICTURE OF CRANKSHAFT WITH THE BALANCER

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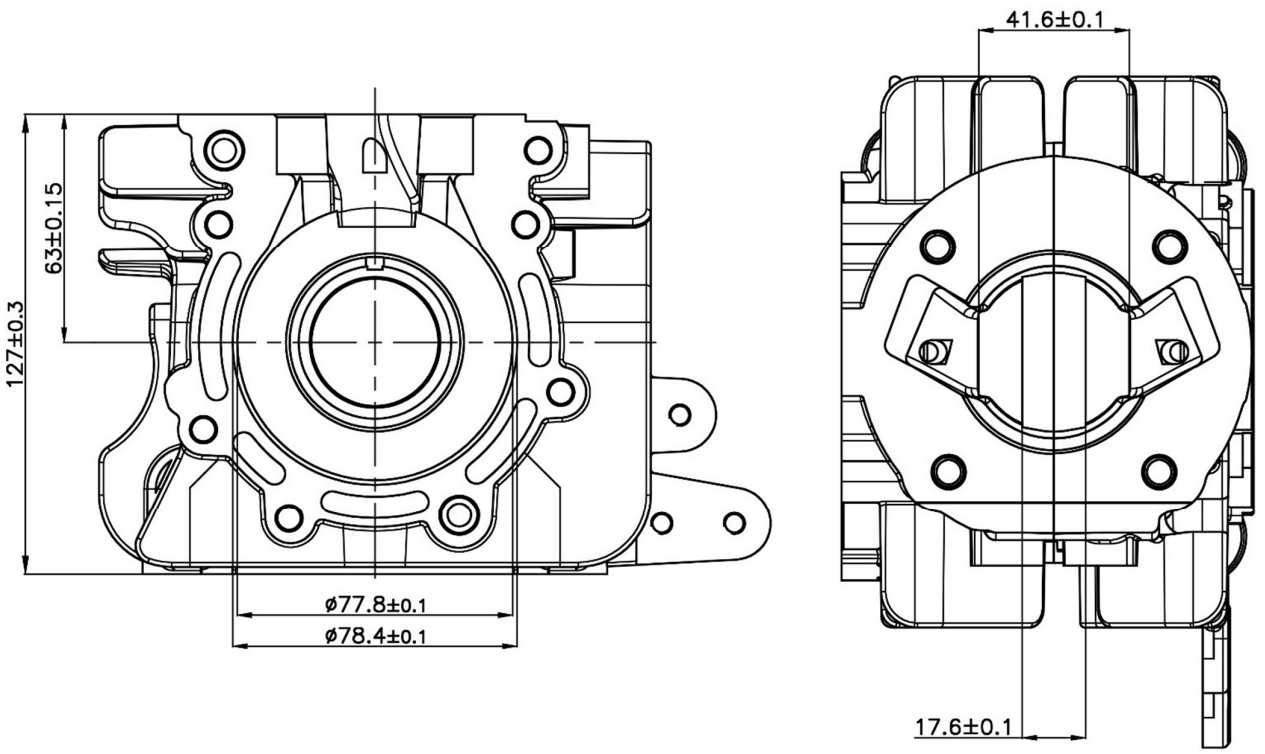
INTERIOR VIEW OF THE CRANKCASE AND ASEMBLY WIEV



CRANKSHAFT BEARINGS

TYPE	DIMENSIONS	CHARACTERISTICS
Free brand **6204.C4**	**20x47x14mm**	Steel Balls **8**

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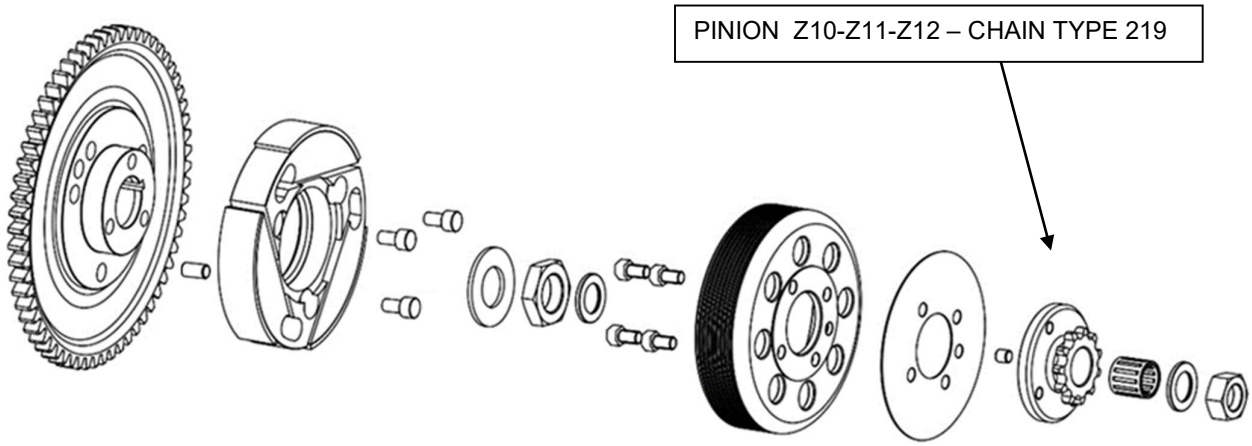
DETAIL PHOTO OF THE CRANKSHAFT OIL SEAL POSITION

COMPL. CLUTCH ROTOR WITH STARTING GEAR



PARTS QUANTITY: 20

WEIGHT OF THE COMPLETE CLUTCH WITH STARTING GEAR AND PROTECTION: 855 gr +/- 30gr

ENGAGEMENT SPEED (MAXIMUM) CAN BE VERIFIED IN EVERY MOMENT OF THE EVENT: 3500RPM

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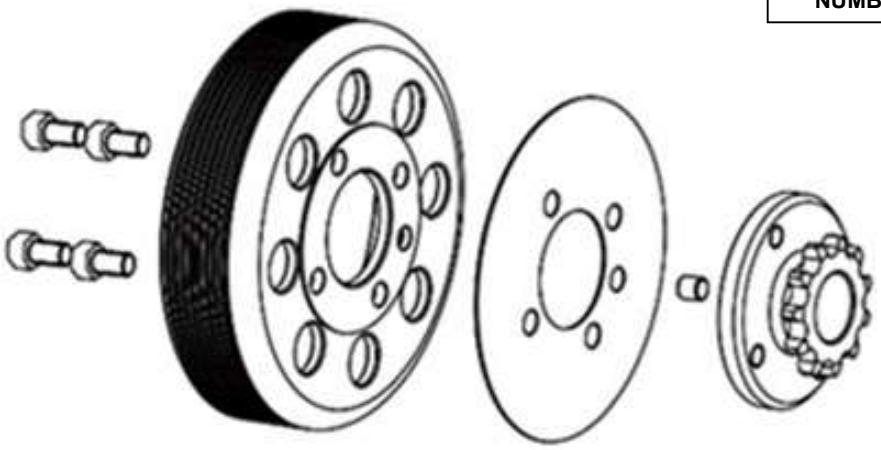
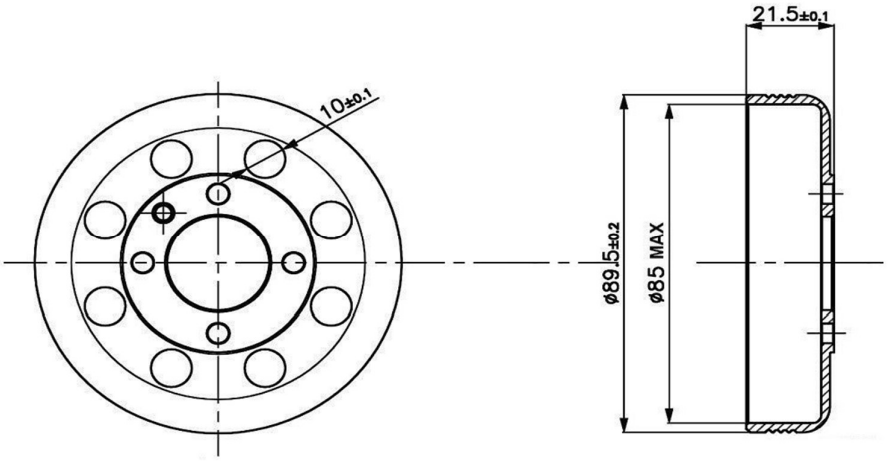
HOUSING CLUTCH

NUMBER OF PARTS: 8



WEIGHT OF THE CLUTCH HOUSING WITH SPROCKET

264gr Min.



WEIGHT

177gr ± 15gr

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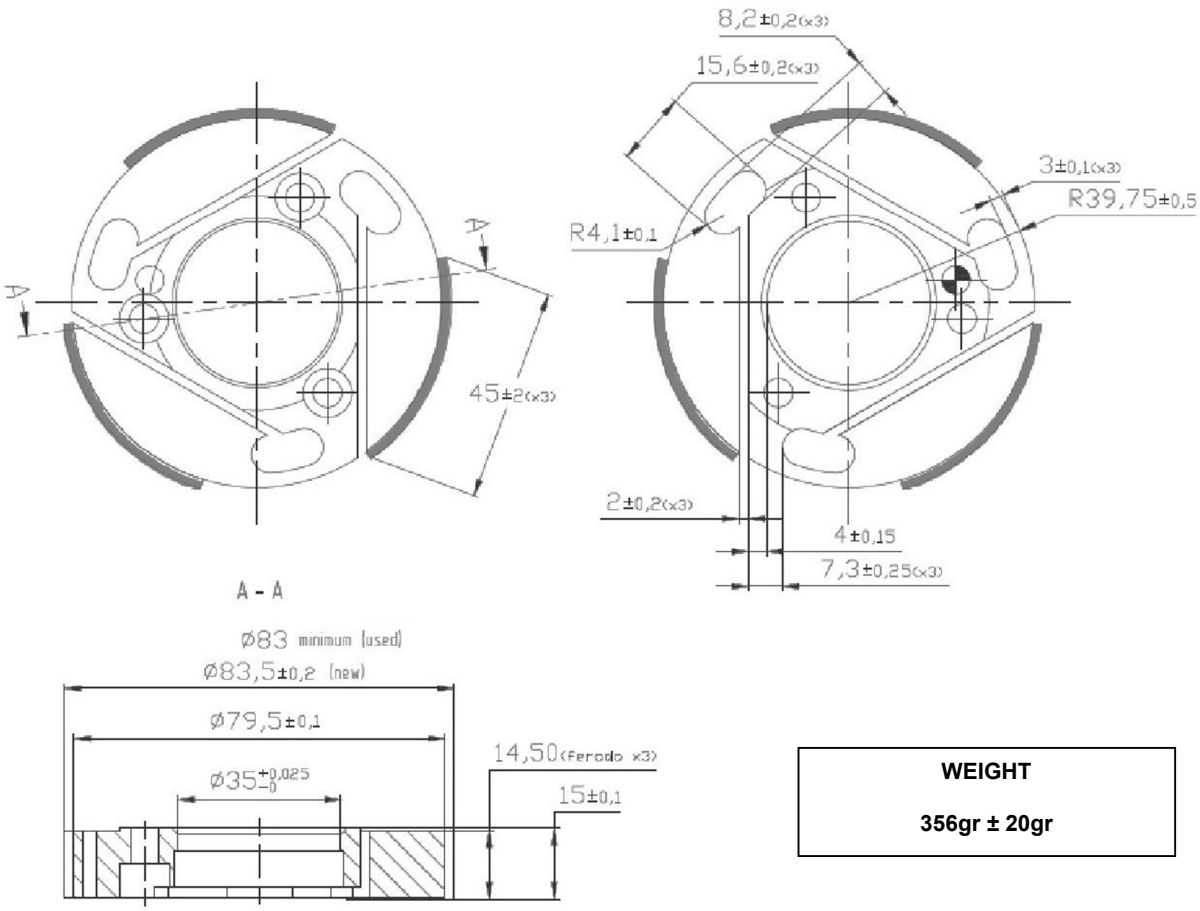
ROTOR CLUTCH



WEIGHT

356gr ± 20gr

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EXHAUST MUFFLER

DIMENSION OF COLLECTOR INCLUDING WELDING.

EXHAUST WEIGHT	1,372gr +/- 5%

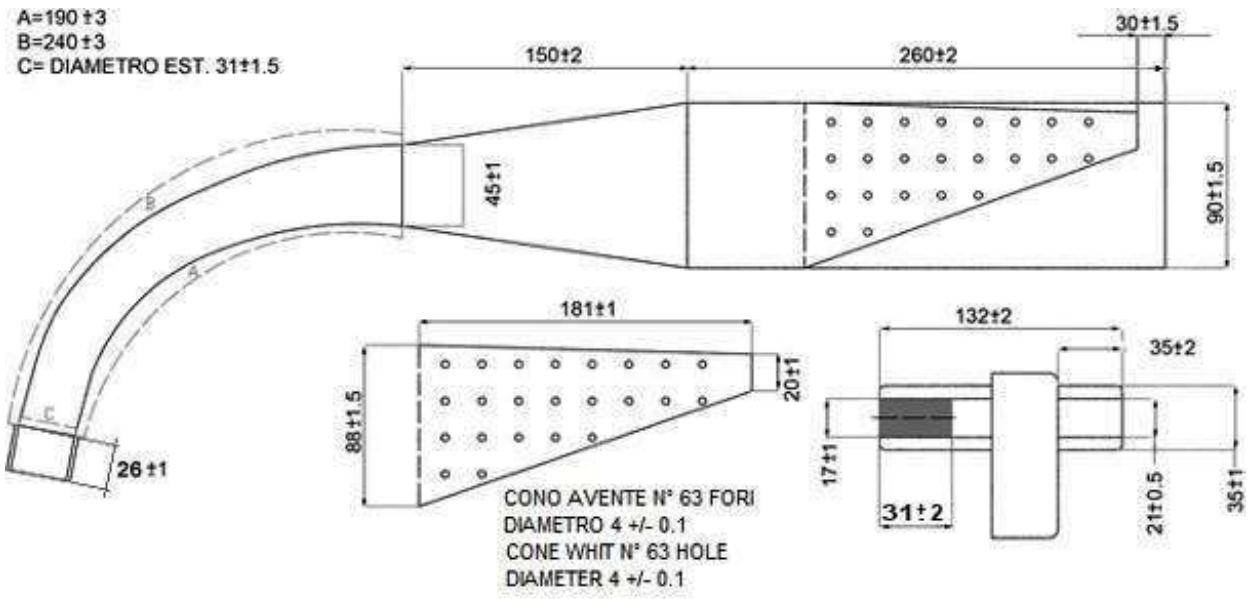

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PHOTO AND MARKING OF THE EXHAUST
DURING EXAMINATION, ON THE EXHAUST IT MUST BE INDICATED THE IDENTIFICATION LOGO ROK MINI.

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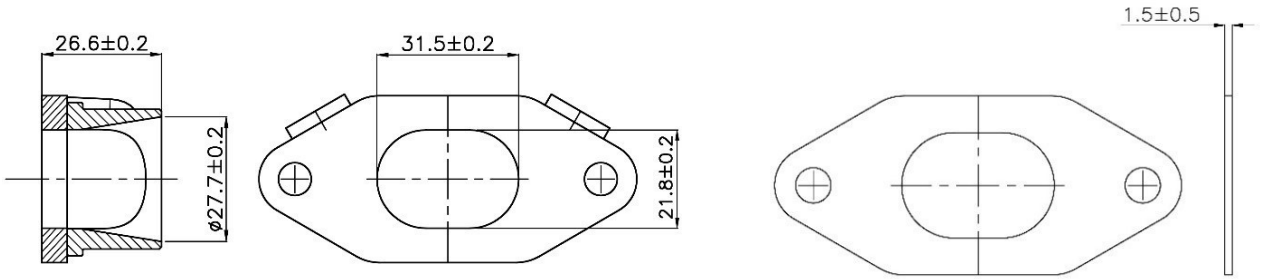
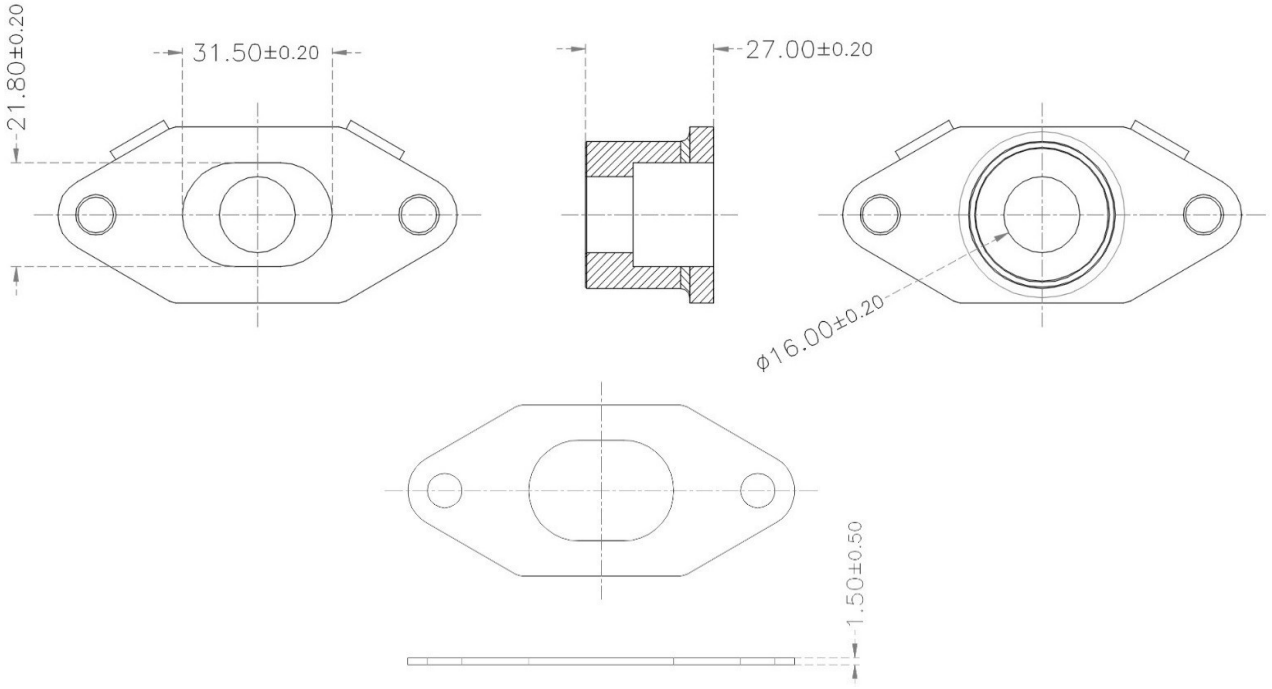
EXHAUST MANIFOLD



EXHAUST MANIFOLD AND GASKET FOR MICRO CATEGORY



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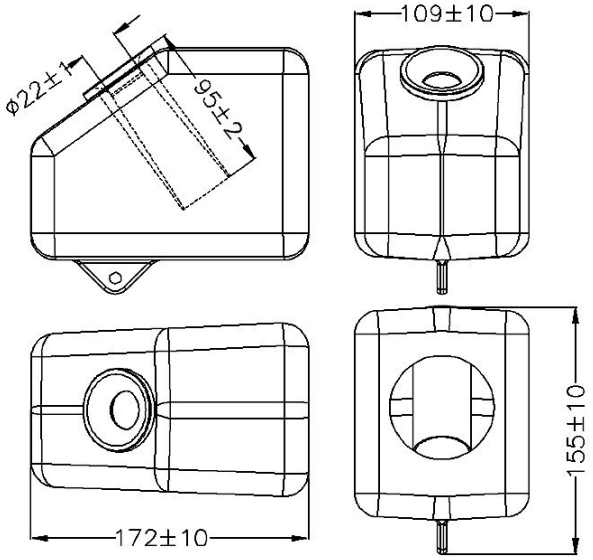
INLET SILENCER	
MODEL, TYPE	**MINI**
MARKED VORTEX **AIR FILTER MESH AS OPTIONAL**	
OPTION 1 	OPTION 2

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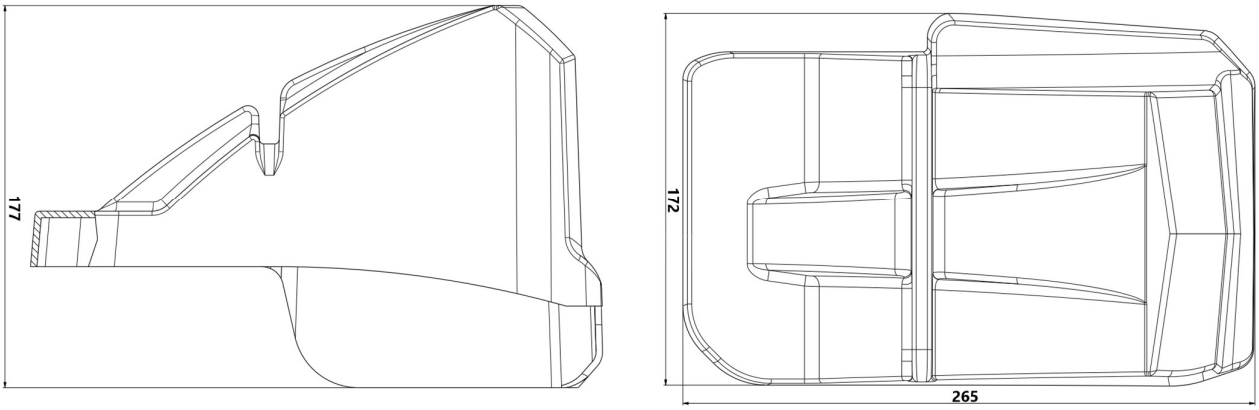
RAIN PROTECTION INLET SILENCER (OPTIONAL)



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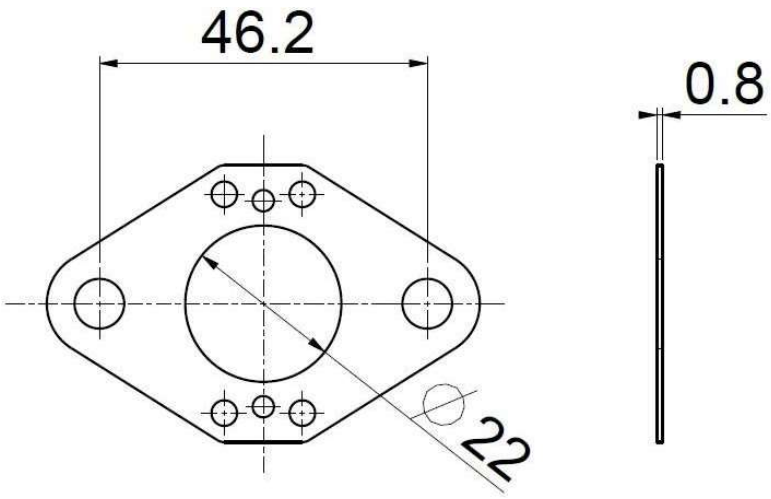
CONNECTOR FIXING FILTER-CARBURETOR IN PLASTIC MATERIAL

TECHNICAL DRAWING GASKET BETWEEN CARBURETTOR AND ENGINE



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PICTURES OF SELETTRA IGNITION

SPARK PLAG

ONLY AUTHORIZED SPARK PLUG
NGK B10 EG

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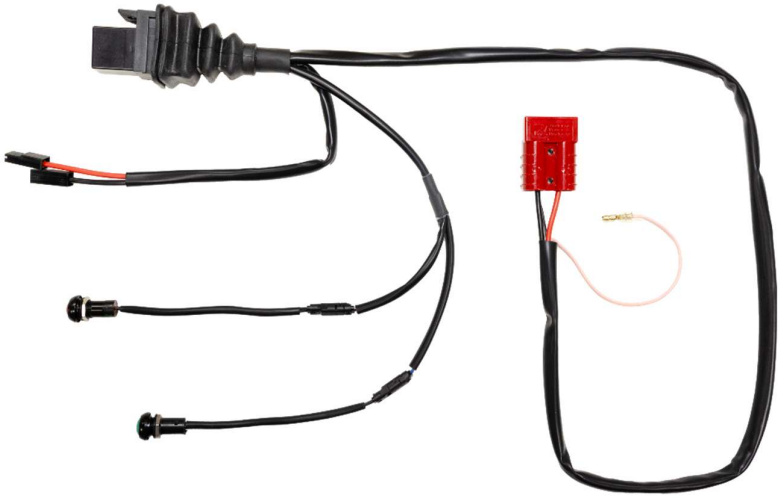
STARTER WIRING

OPTION 1

OPTION 2



Engines shall be mandatory swiched on and off by means of onboard starting system. Technical stewart members shall check the on-off onboard system anytime.

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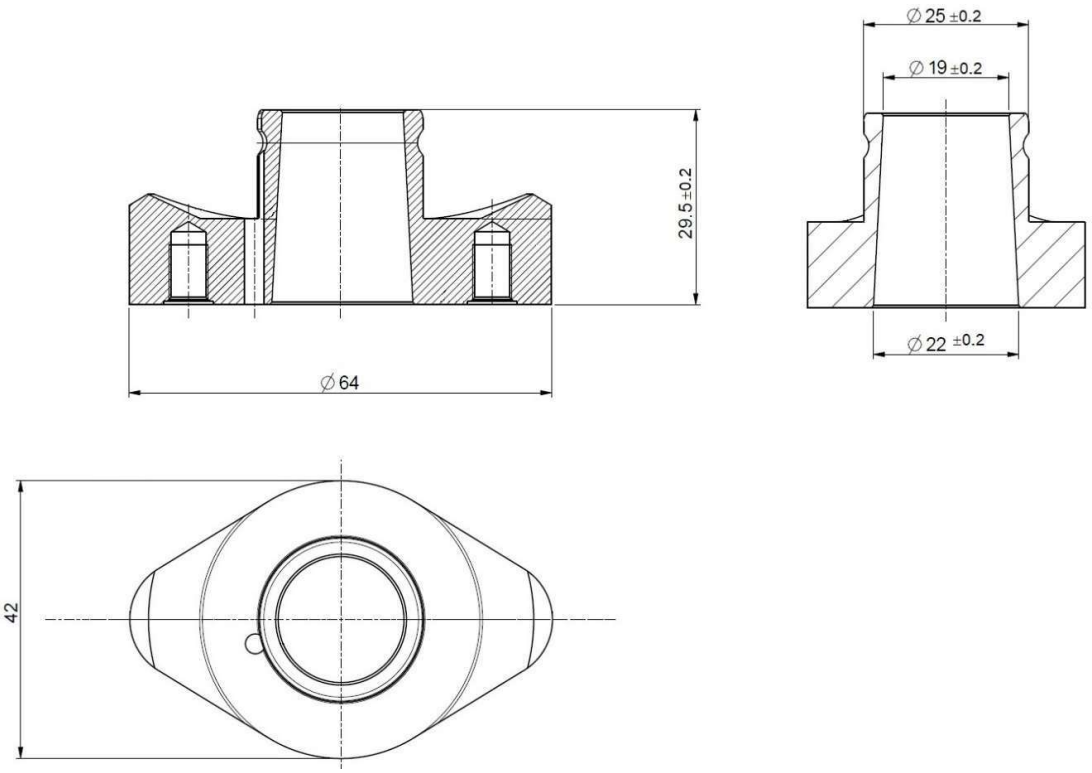
INTAKE MANIFOLD TECHNICAL DRAWING



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INTAKE MANIFOLD PHOTO

PHOTO OF INTAKE MANIFOLD RUBBER MOUNT

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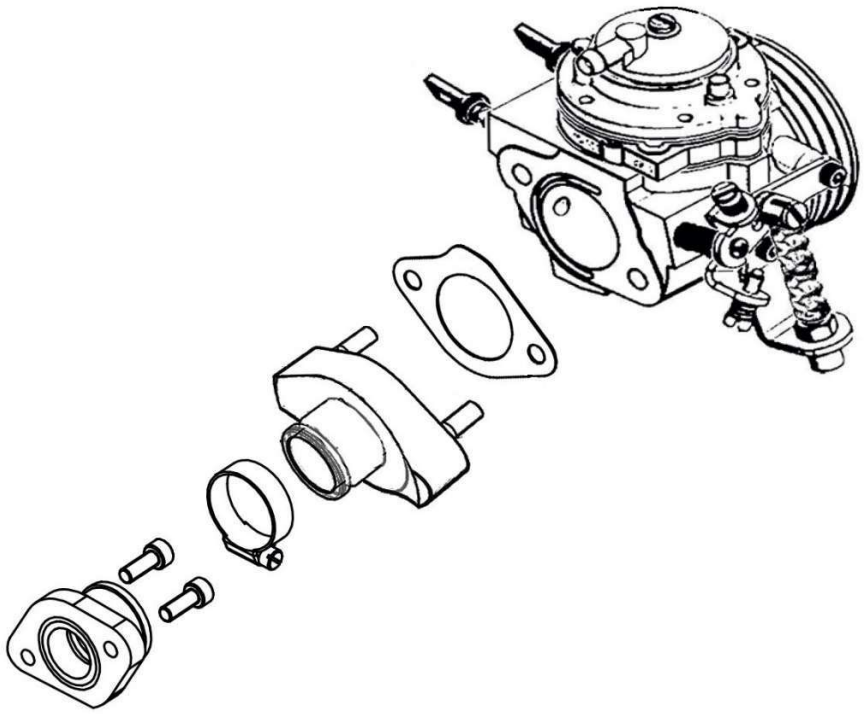
PHOTO OF THE ASSEMBLY OF THE INTAKE GROUP



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