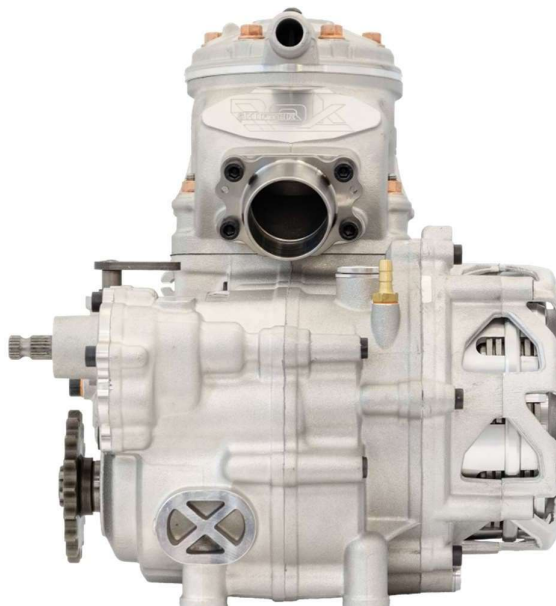
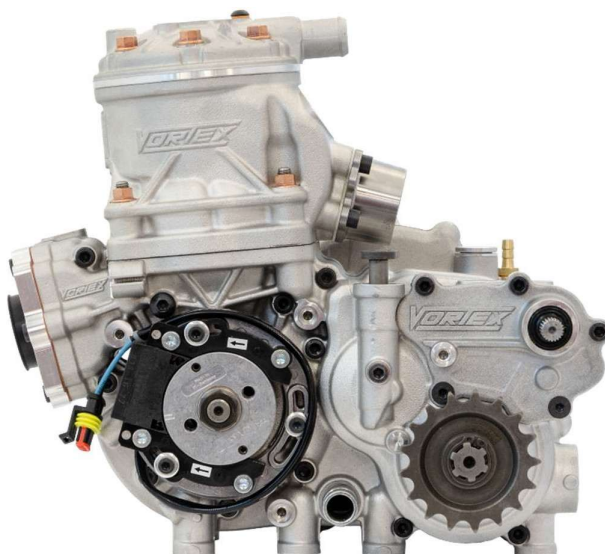
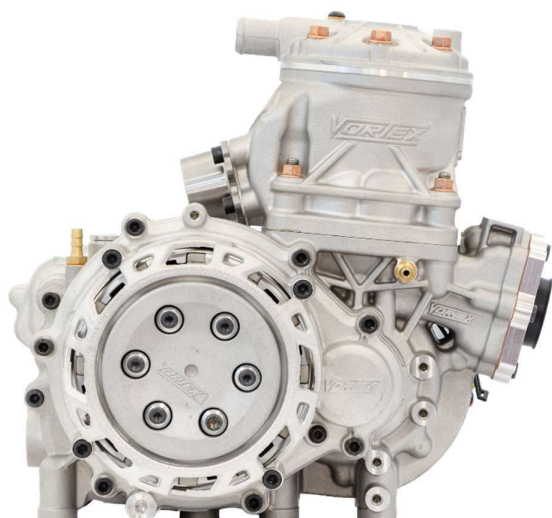


SHIFTER ROK 2026

IDENTIFICATION SHEET

This Identification Sheet reproduces descriptions, illustrations and dimensions of the **SHIFTER ROK**.



ATTENTION

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SHIFTER ROK 2026

TECHNICAL INFORMATION AND CHARACTERISTICS	
ORIGINAL BORE	53,90 mm
MAX ALLOWED BORE	54,08 mm
STROKE	54,5 mm +/- 0,2 mm
ORIGINAL DISPLACEMENT	124,360 cc
MAXIMUM DISPLACEMENT	126 cc
CONROD C-TO-C DISTANCE	110 mm +/- 0,2 mm
WEIGHT OF CONROD	130 g +/- 2 g
CYLINDER DEVELOPEMENT AND DISTRIBUTION	
EXHAUST PORT	197° MAX
BOOSTER	182° MAX
MAIN TRANSFER	130° MAX
SECONDARY TRANSFER	130° MAX
<u>Check of the Distribution as described in the ROK CUP COLOMBIA Technical Regulations 2026.</u>	

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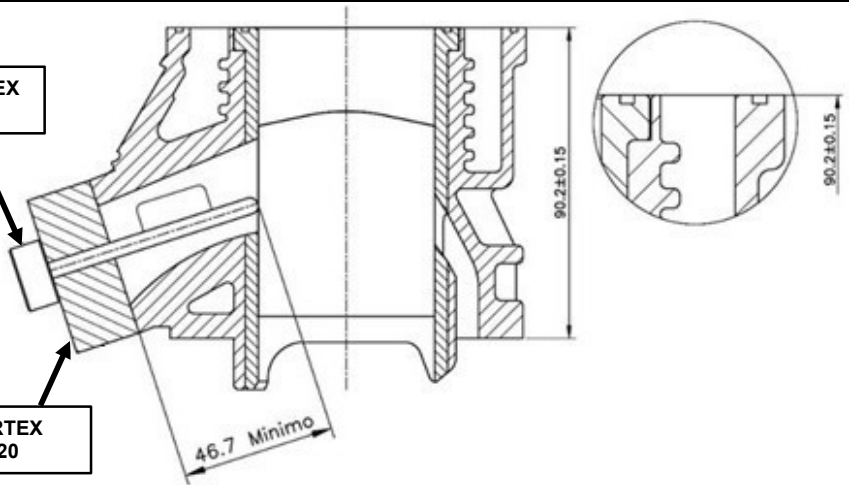
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SHIFTER ROK 2026

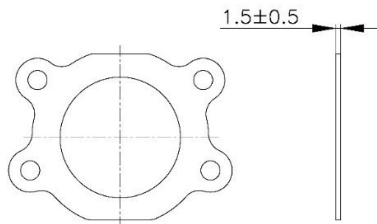
CYLINDER SECTION

DIMA num. 8004 FORNITA DA VORTEX
OEM CONTROL GAUGE no. 8004

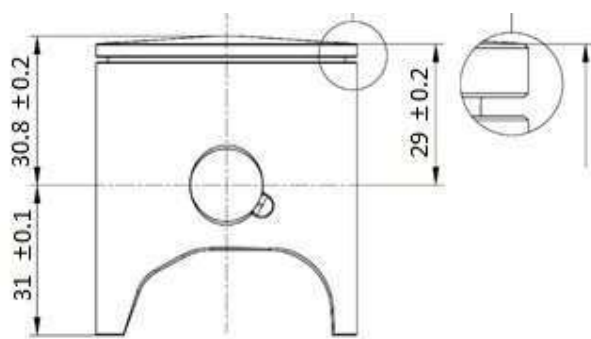
DIMA num. 0428730020 FORNITA DA VORTEX
OEM CONTROL GAUGE no. 0428730020



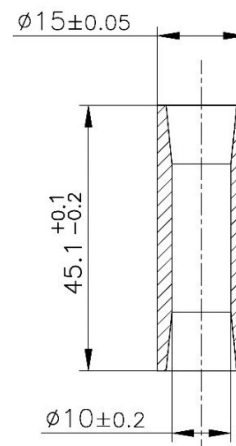
EXHAUST GASKET



PISTON - PISTON PIN



Weight
120g +/- 5g



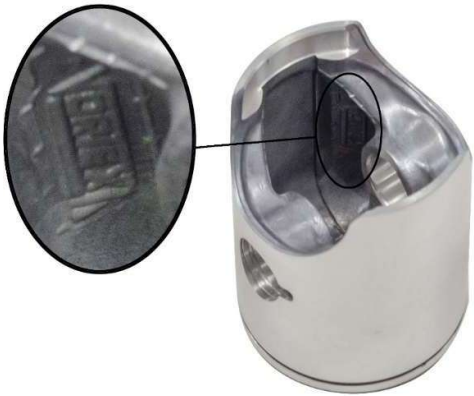
Weight
30g Min

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SHIFTER ROK 2026

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 2 	

ATTENTION

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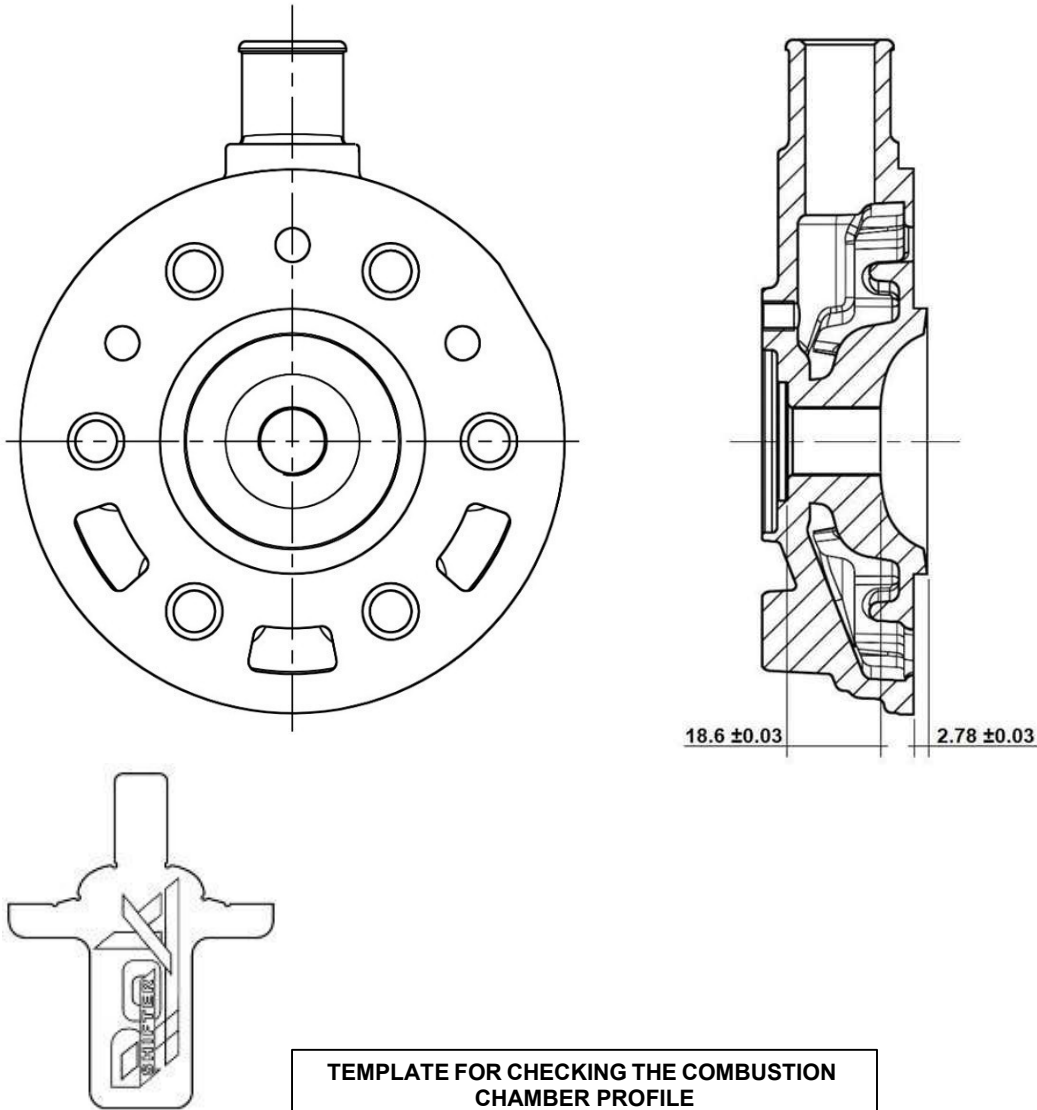
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SHIFTER ROK 2026

CYLINDERHEAD AND COMBUSTION CHAMBER

Combustion Chamber Volume: measured as described in the **ROK CUP COLOMBIA Technical Regulation 2026**.

SQUISH : 1,15 mm MIN.



ATTENTION

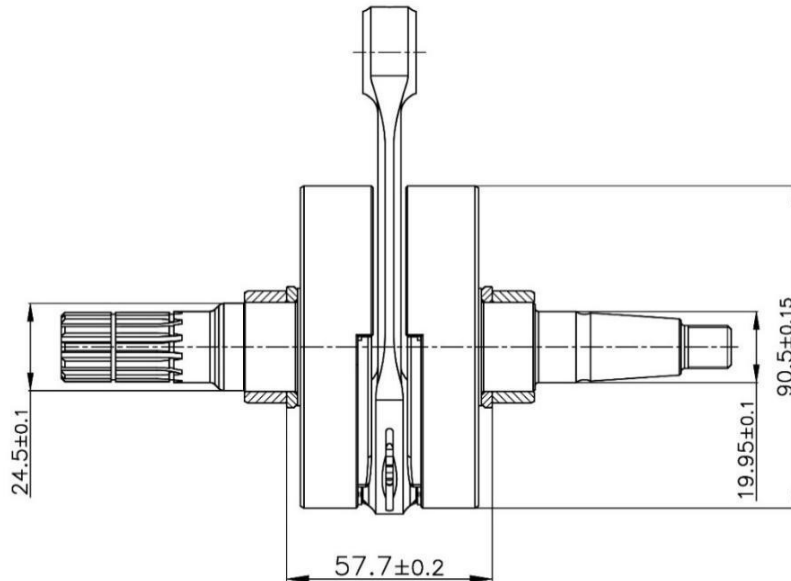
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SHIFTER ROK 2026

CRANKSHAFT – CONROD - CRANKSHAFT COUPLING AXIS PICTURE AND MARKING OF CRANKSHAFT



Weight
2.250g ±10g



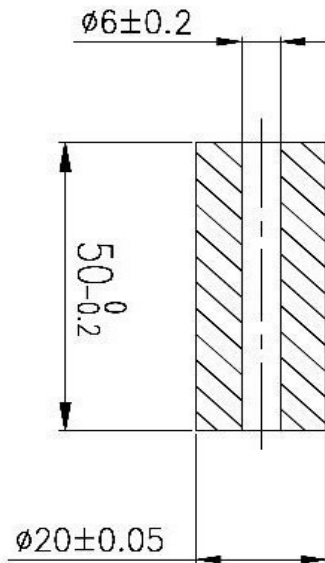
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SHIFTER ROK 2026

CRANK PIN AND CONROD PICTURE



OPTION 1



OPTION 2



OPTION 3



Weight
 $111g \pm 1g$



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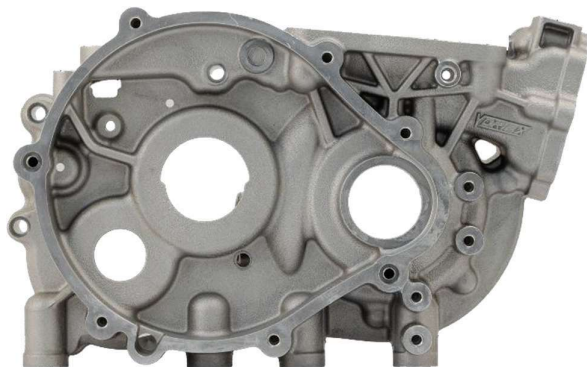
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SHIFTER ROK 2026

DETAIL PHOTO OF THE CRANKSHAFT OIL SEAL POSITION



PICTURES OF CRANKCASE SIDE WALLS



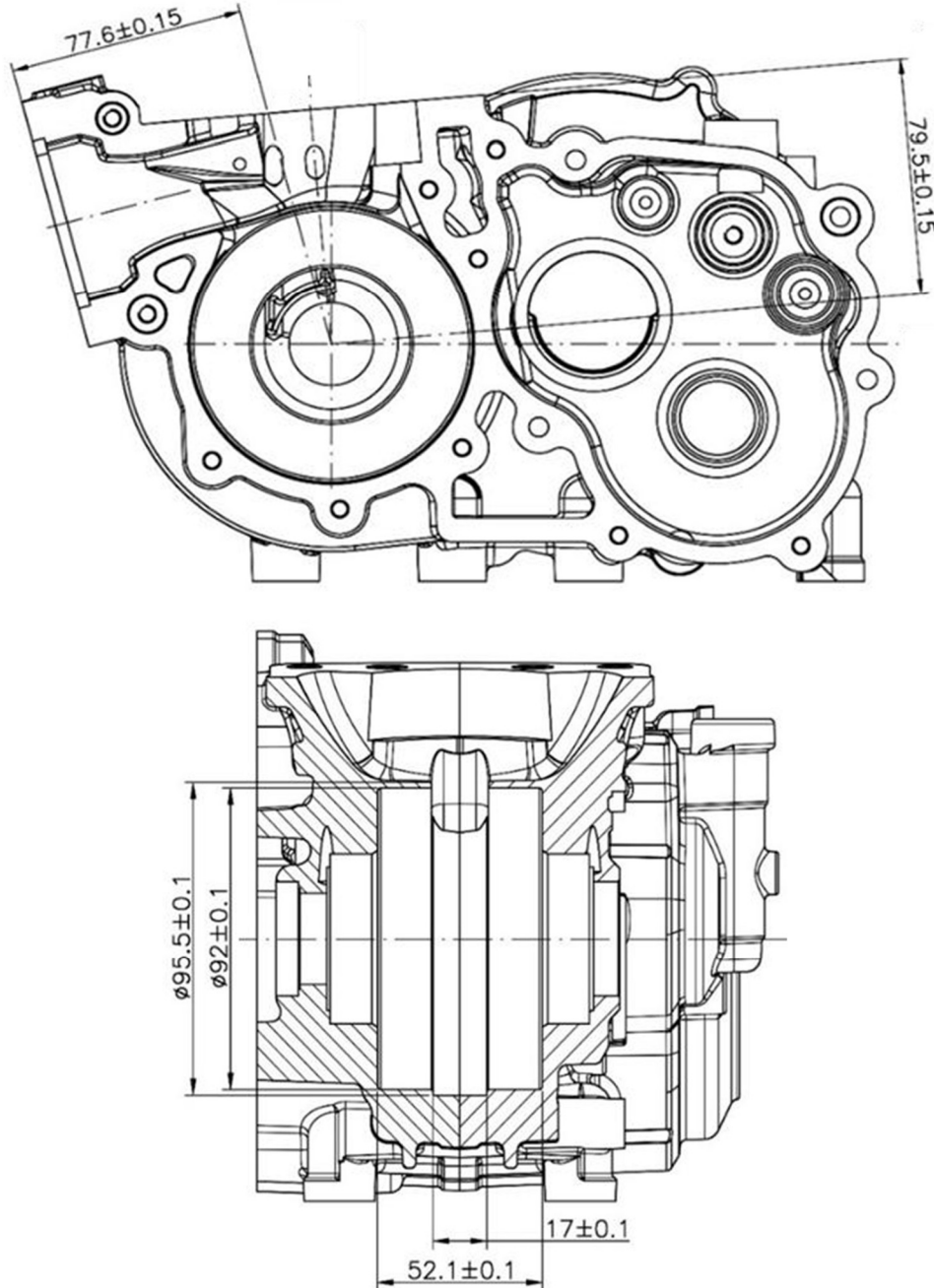
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SHIFTER ROK 2026

CRANKCASE



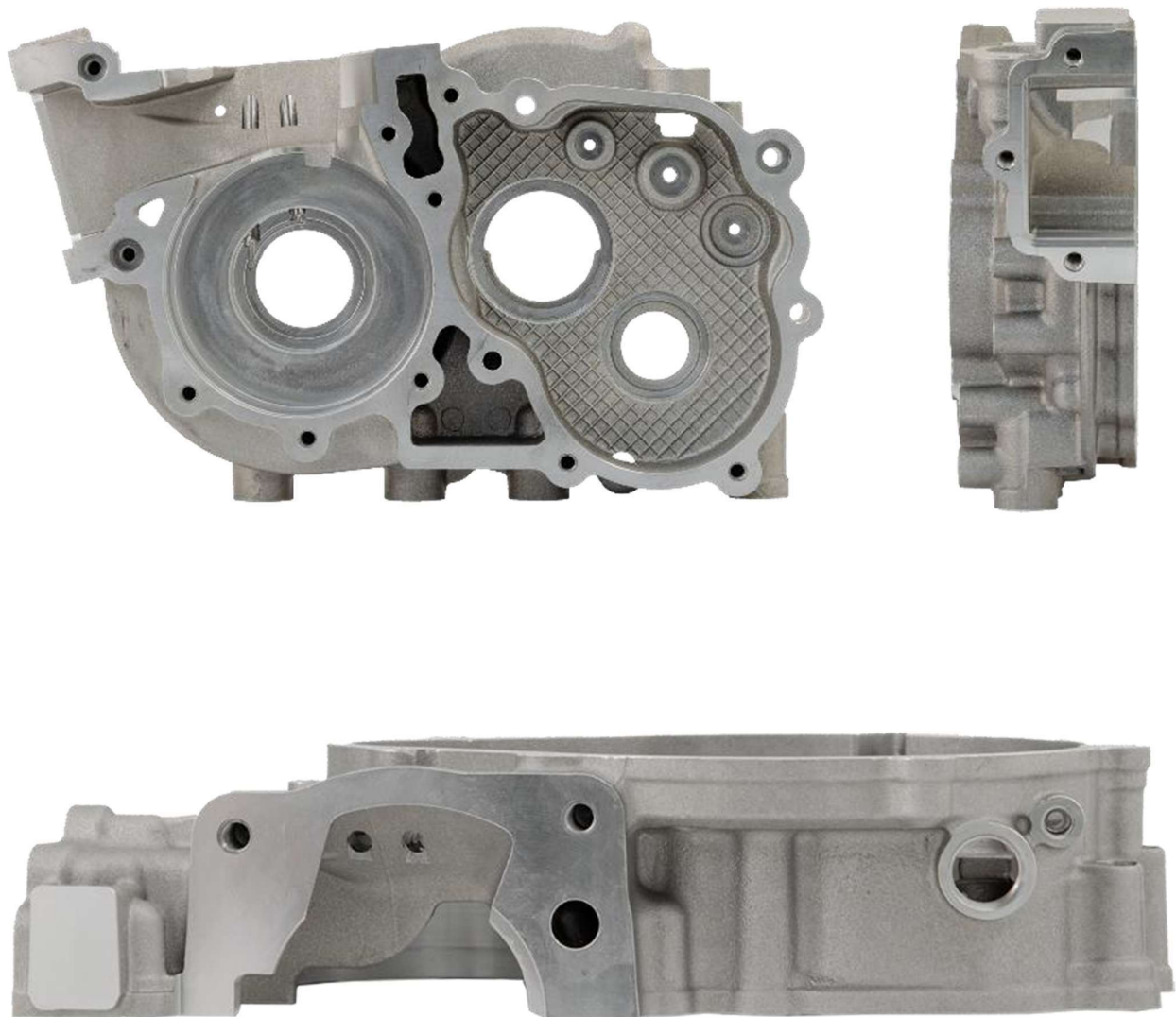
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SHIFTER ROK 2026

VIEW OF THE CRANKCASE CLUTCH SIDE



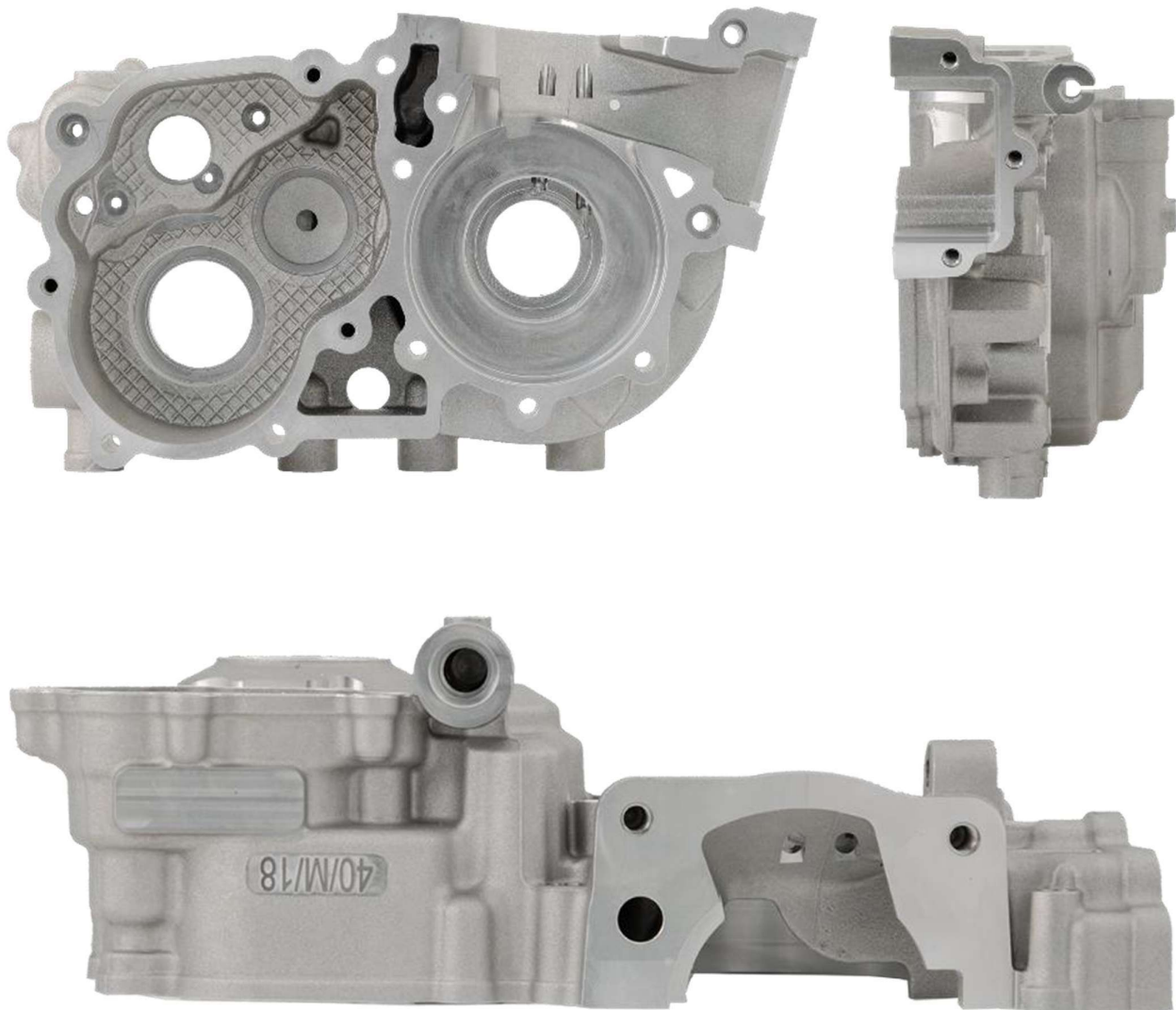
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SHIFTER ROK 2026

VIEW OF THE CRANKCASE IGNITION SIDE



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SHIFTER ROK 2026

GEARBOX			
PRIMARY COUPLING			<u>Z17/67</u>
GEARBOX RATIOS			
Gear	Primary shaft	Secondary shaft	Reading of values obtained after three engine revs
1 ^{ère} /1 st	<u>13</u>	<u>33</u>	<u>108.2° ± 3°</u>
2 ^e /2 nd	<u>16</u>	<u>29</u>	<u>151.2° ± 3°</u>
3 ^e /3 rd	<u>16</u>	<u>24</u>	<u>183.1° ± 3°</u>
4 ^e /4 th	<u>18</u>	<u>22</u>	<u>224.2° ± 3°</u>
5 ^e /5 th	<u>22</u>	<u>23</u>	<u>262.1° ± 3°</u>
6 ^e /6 th	<u>27</u>	<u>25</u>	<u>296.0° ± 3°</u>
ON DECISION OF THE STEWARDS, IT WILL BE AUTHORISED TO INTERCHANGE ENTRANTS' IGNITION SYSTEMS FOR THE SYSTEMS SUPPLIED BY THE ORGANISERS (SAME HOMOLOGATED MODELS)			

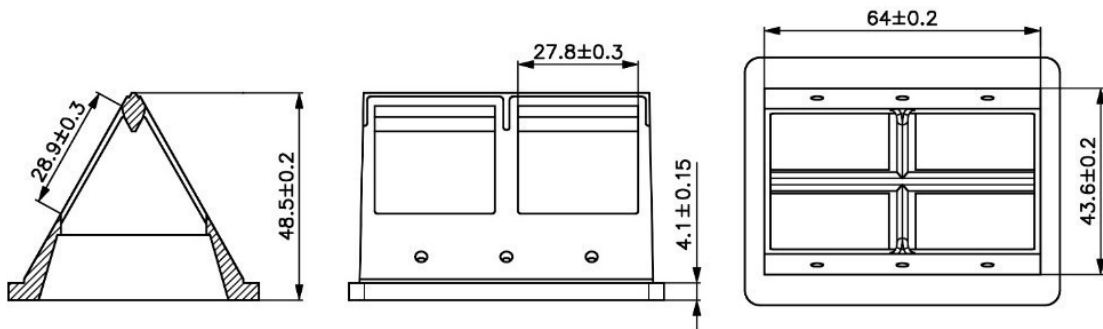
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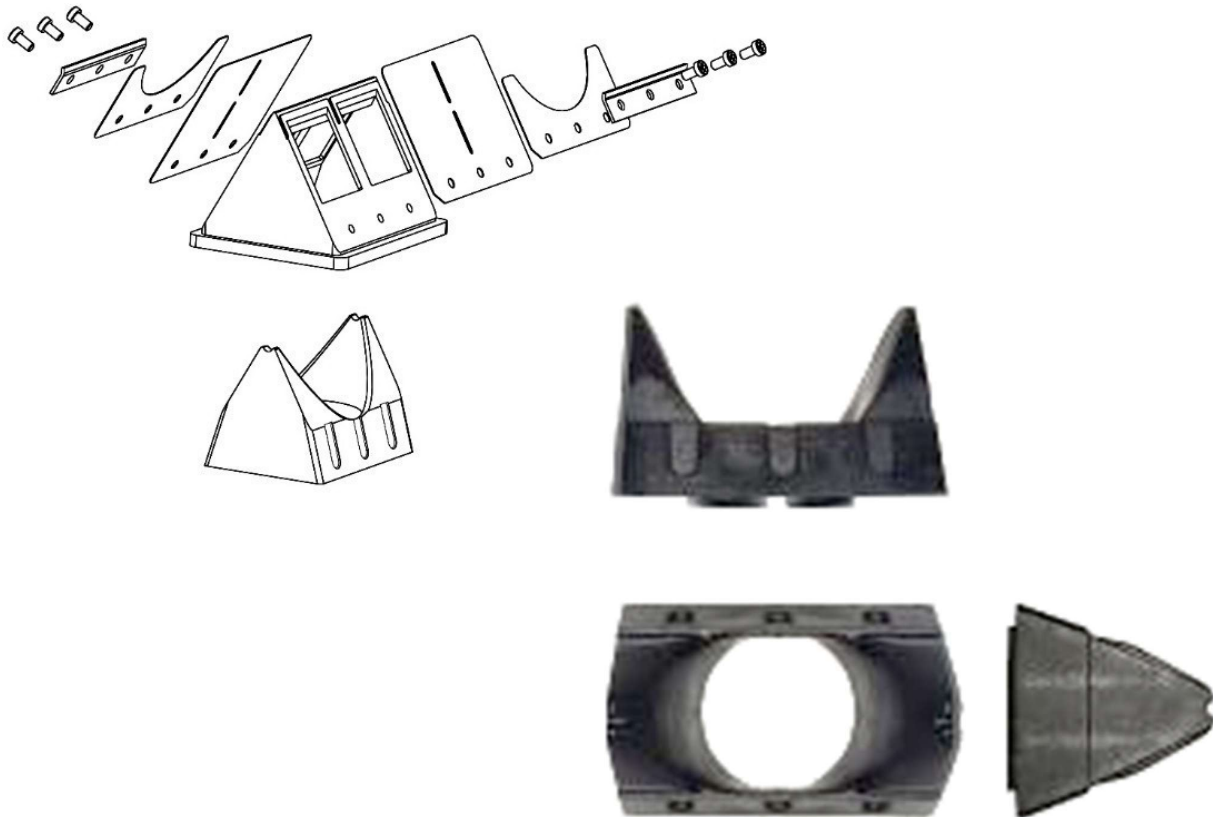
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SHIFTER ROK 2026

DRAWING OF REED BLOCK



DRAWING OF REED VALVE COVER



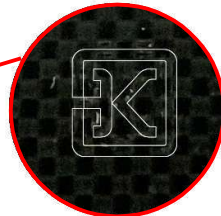
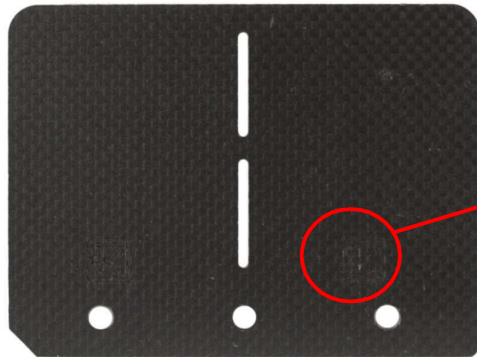
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SHIFTER ROK 2026

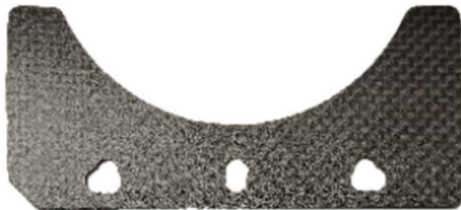
PICTURES AND MARKING OF THE REEDS AND STOPPERS



REED PETALS MINIMUM THICKNESS

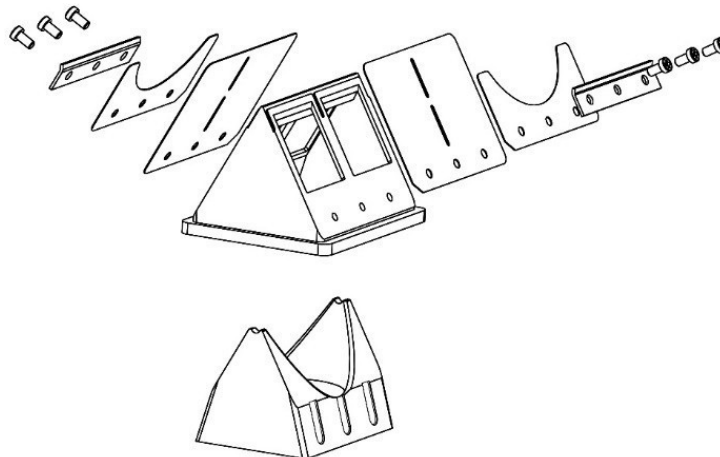
0.31 mm

CARBON FIBER REED PETALS MUST BE BOTH MANDATORY, ORIGINAL AND BRANDED OTK AS SHOWN IN PICTURE.



REINFORCEMENT (STOPPER) MINIMUM THICKNESS

0.24mm



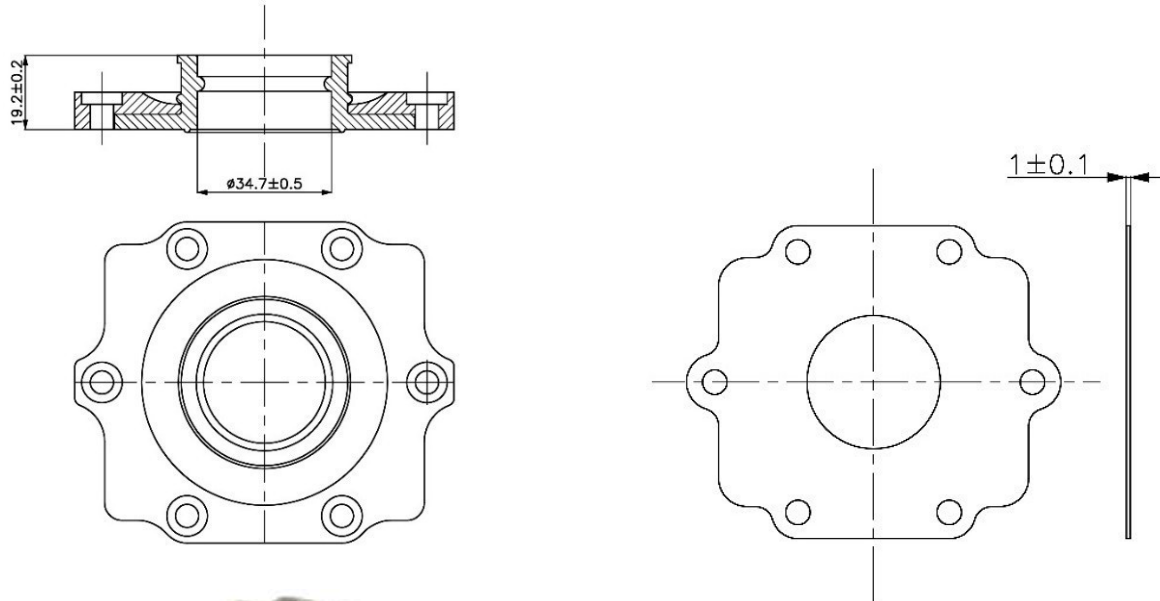
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SHIFTER ROK 2026

DRAWING OF REED BLOCK COVER AND GASKET



PICTURE OF REED BLOCK COVER AND GASKET

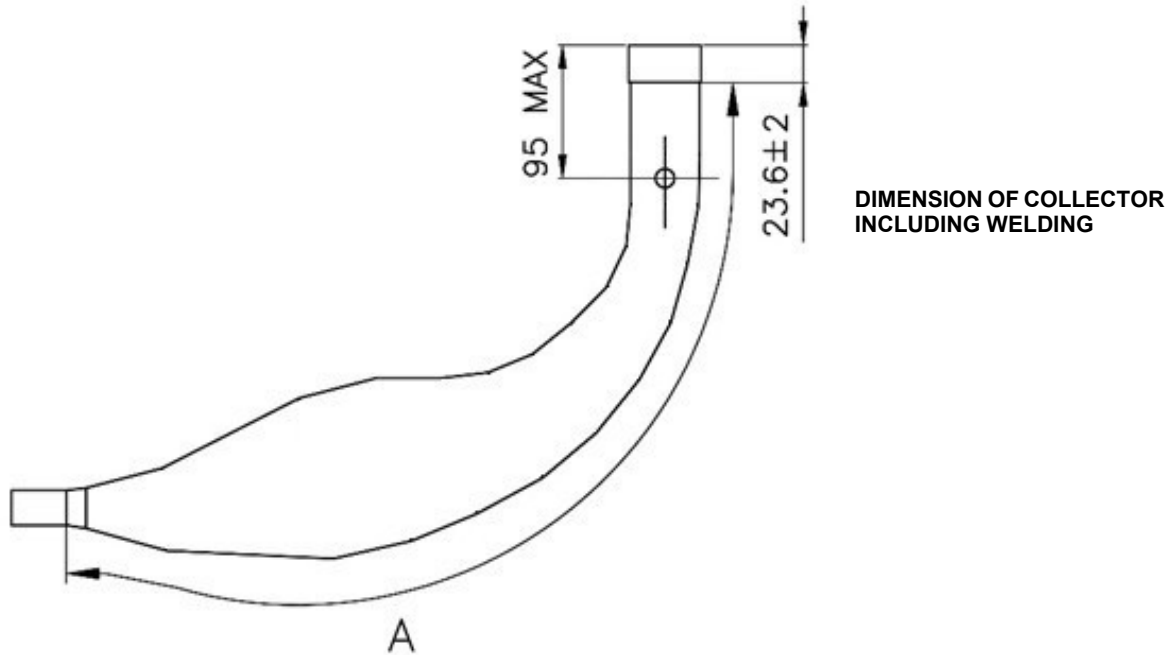
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SHIFTER ROK 2026

EXHAUST MUFFLER



EXTERNAL CHORD READING

A=765 mm +/- 5mm

WEIGHT

1.505 g. ± 5%

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SHIFTER ROK 2026

PHOTO AND MARKING OF THE EXHAUST



DURING EXAMINATION, ON THE EXHAUST IT MUST BE INDICATED THE IDENTIFICATION LOGO ROK SHIFTER.

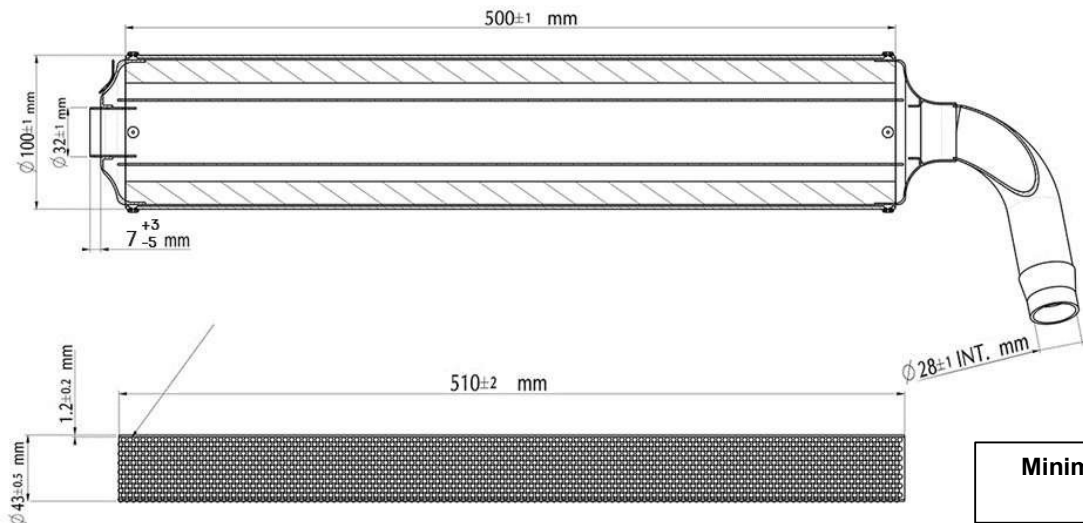
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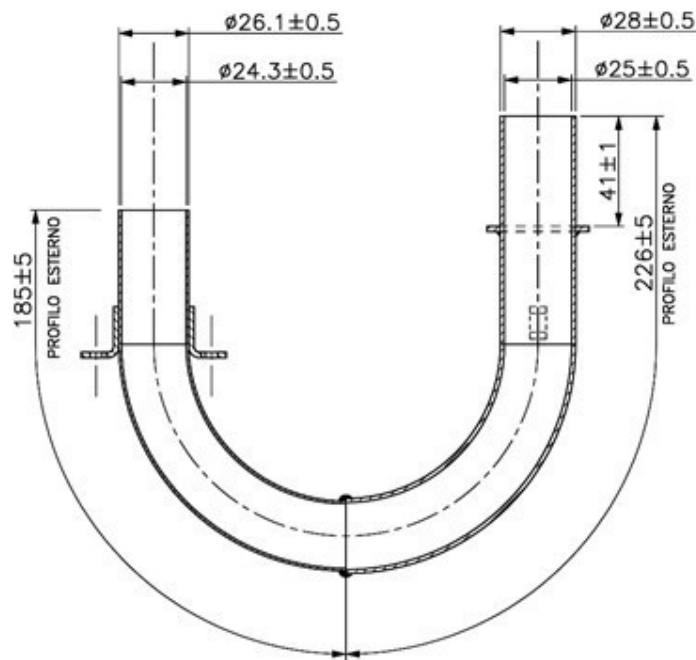
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SHIFTER ROK 2026

SILENCER AND COMPONENTS



SILENCER-MUTTLER BENT PIPE



ATTENTION

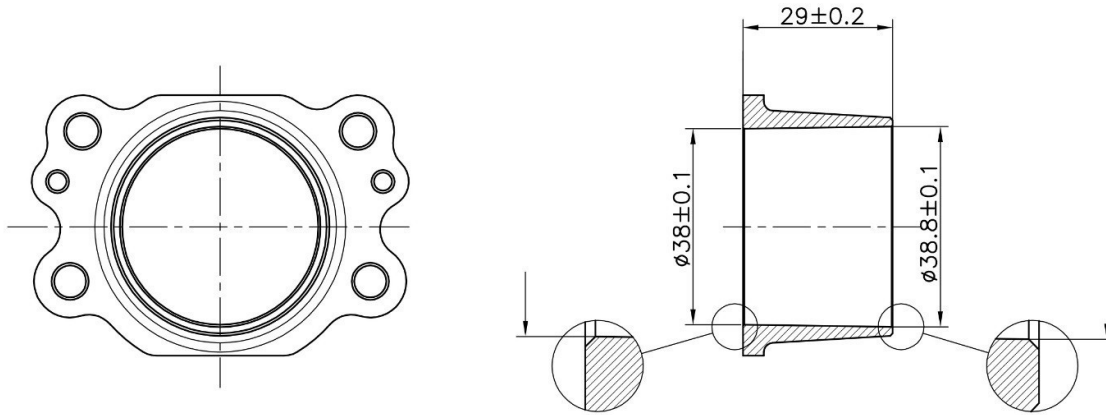
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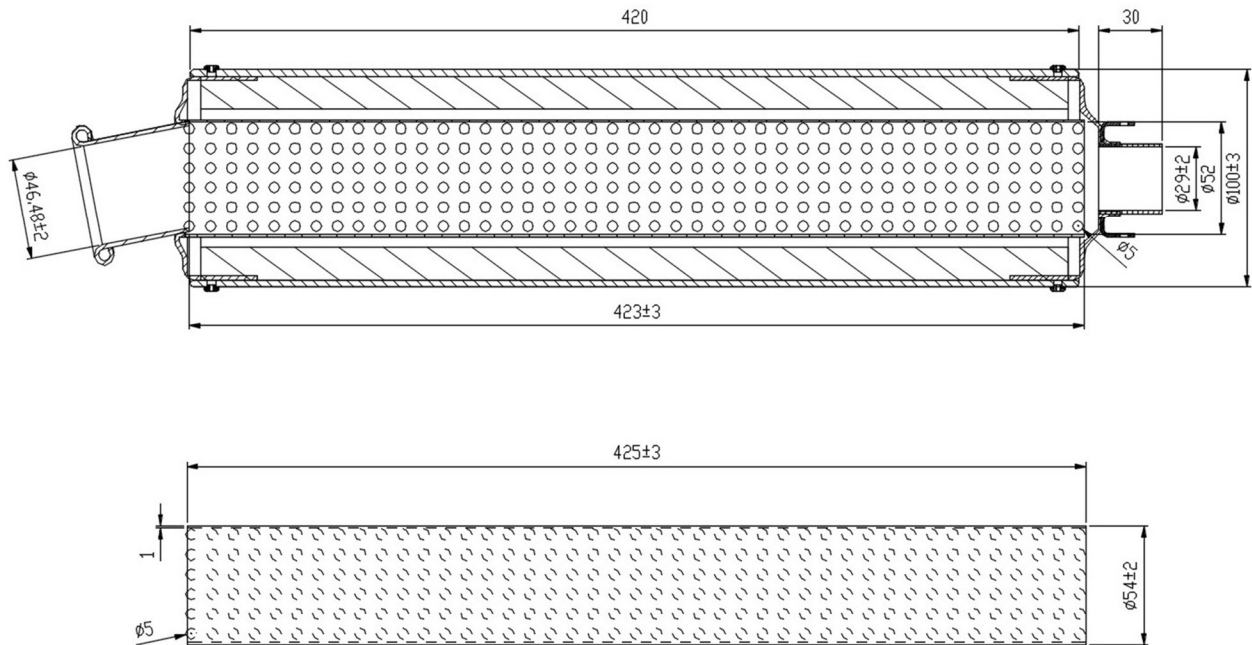
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SHIFTER ROK 2026

EXHAUST MANIFOLD



SILENCER AND COMPONENTS



**Minimum Weight
1550g**

ATTENTION

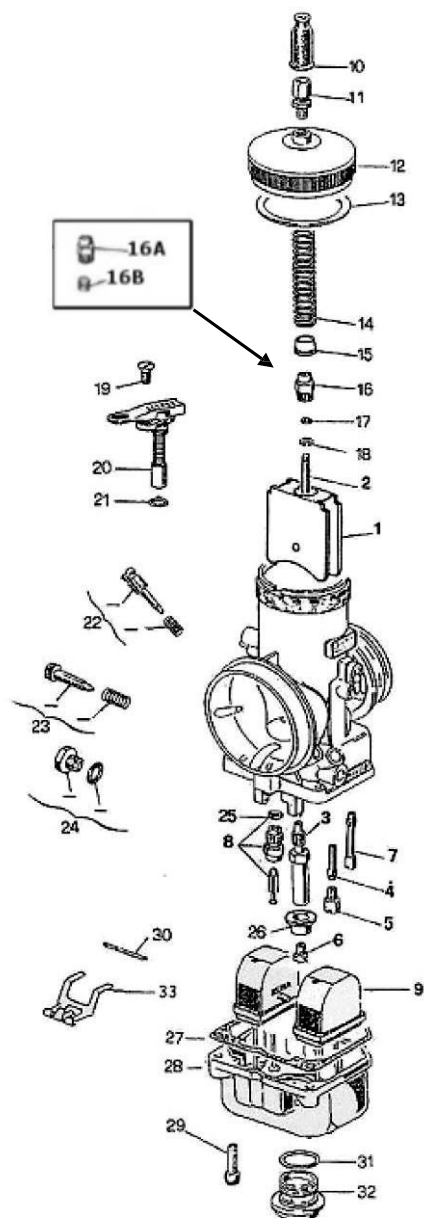
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SHIFTER ROK 2026

CARBURETTOR AND COMPONENTS

DELL'ORTO VHSH 30



1. GUILLOTINE	THROTTLE VALVE
2. AIGUILLE	MIXTURE NEEDLE
3. PULVERISATEUR	SPARY NOZZLE
4. EMULSEUR MINIMUM	IDLE DIFFUSER
5. GICLÉUR MINIMUM	IDLE JET
6. GICLÉUR MAXIMUM	HIGH SPEED JET
7. GICLÉUR DEMARRAGE	STARTER JET
8. POINTEAU	NEEDLE VALVE
9. FLOTTEUR 4 gr. x 2	FLOATER 4 gr. x 2
10. MANCHON	CAP
11. VIS DE TENSION	WIRE SCREW
12. COUVERCLE DU CORPS	BODY COVER
13. JOINT COUVERCLE DE CHAMBRE	COVER GASKET
14. RESSORT DE RAPPEL GUILLOTINE	THROTTLE VALVE RETURN SPRING
15. ASSIETTE GUIDE RESSORT	SPRING GUIDE PLATE
16. NIPPLO VALVE GAZ 16A e 16B	MIXTURE VALVE NIPPLE
17. RONDELLE	WASHER
18. ARRÊT DE L'AIGUILLE	MIXTURE NEEDLE STOP
19. VIS DU DISPOSITIF DE DEMARRAGE	STARTER FIXING SCREW
20. DISPOSITIF DE DEMARRAGE	CHOKE
21. JOINT DISPOSITIF DEMARRAGE	STARTER GASKET
22. KIT VIS DE REGLAGE DE L'AIR	KIT AIR ADJUSTMENT SCREW
23. KIT VIS DE REGLAGE GUILLOTINE	KIT MIXTURE VALVE ADJUSTMENT
24. BOUCHON FILTRE A ESSENCE	FUEL FILTER PLUG
25. JOINT DU POINTEAU	NEEDLE VALVE GASKET
26. ASSIETTE	PLATE
27. JOINT DE LA CUVE	FLOAT VALVE GASKET
28. CUVE	FLOAT CHAMBER
29. VIS FIXAGE DE LA CUVE	FLOAT CHAMBER SCREW
30. AXE	PIN
31. JOINT DU BOUCHON DE CUVE	FLOAT CHAMBER PLUG GASKET
32. BOUCHON DE LA CUVE	FLOAT CHAMBER PLUG
33. BALANCIER	FLOAT LEVER

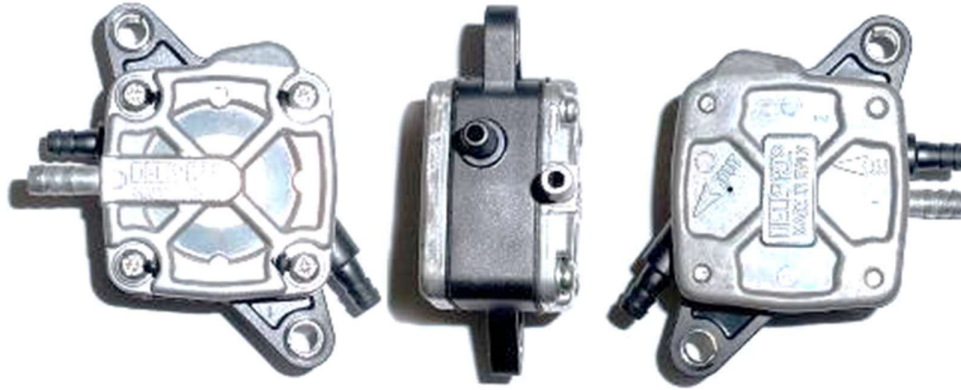
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SHIFTER ROK 2026

DELL'ORTO FUEL PUMP



COD. 11023

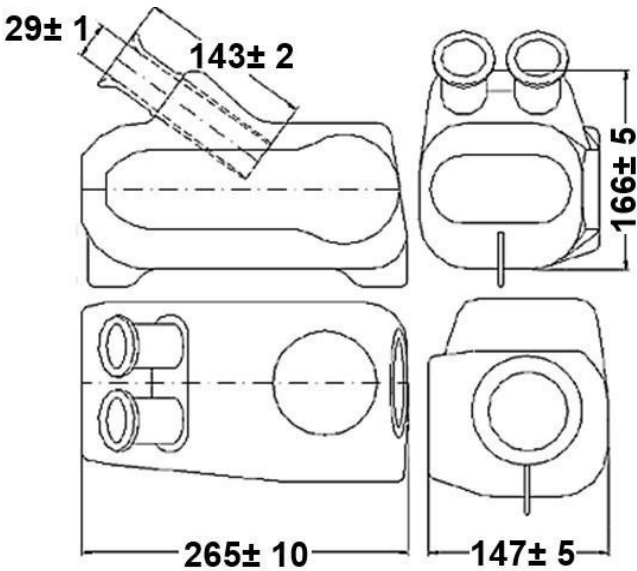
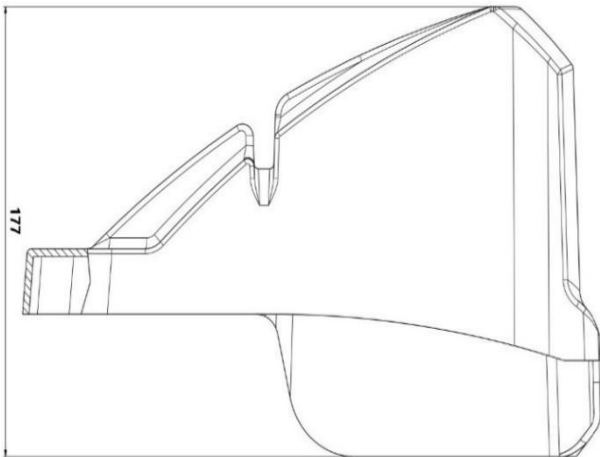
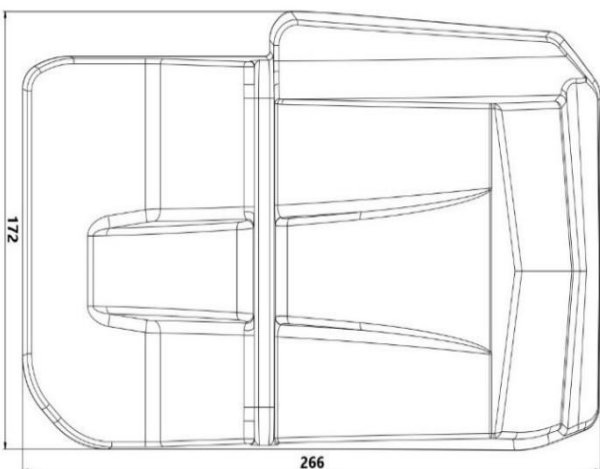
IT IS ALLOWED ONLY THE USE OF THE OUTLET FUEL PIPE.
IT IS FORBIDDEN THE USE OF THE RETURN FUEL PIPE TO THE FUEL TANK.
IT IS ALLOWED TO MOUNT ONLY N° 1 (ONE) FUEL FILTER BETWEEN TANK AND FUEL PUMP.

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SHIFTER ROK 2026

INLET SILENCER	
MODEL TYPE	ARROW
AIR FILTER MESH AS OPTIONAL 	
RUBBER BUSH CAN BE CUT ON ONE SIDE.	
RAIN PROTECTION INLET SILENCER	
	

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SHIFTER ROK 2026

PICTURES OF RAIN PROTECTION OPTIONAL



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SHIFTER ROK 2026

IGNITION PVL

OPTION 1



105 458 036-IG-27



105 458 54/A/18

IGNITION SELETTA 034-IG-14

OPTION 2



USE OF SOLELY OEM MARKED COIL, STATOR AND ROTOR WILL BE ALLOWED, AS MENTIONED IN THE ABOVE PICTURES.

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