

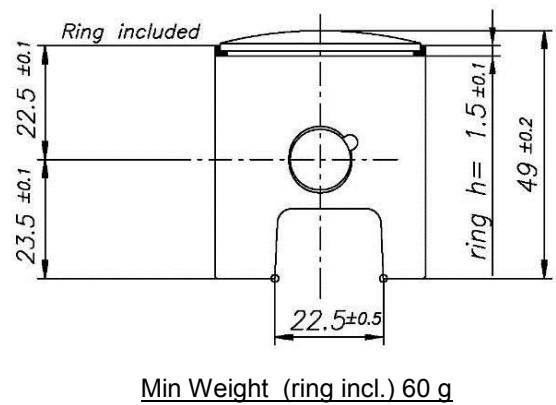
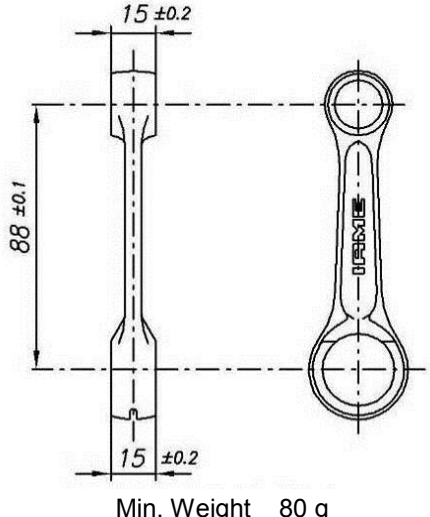
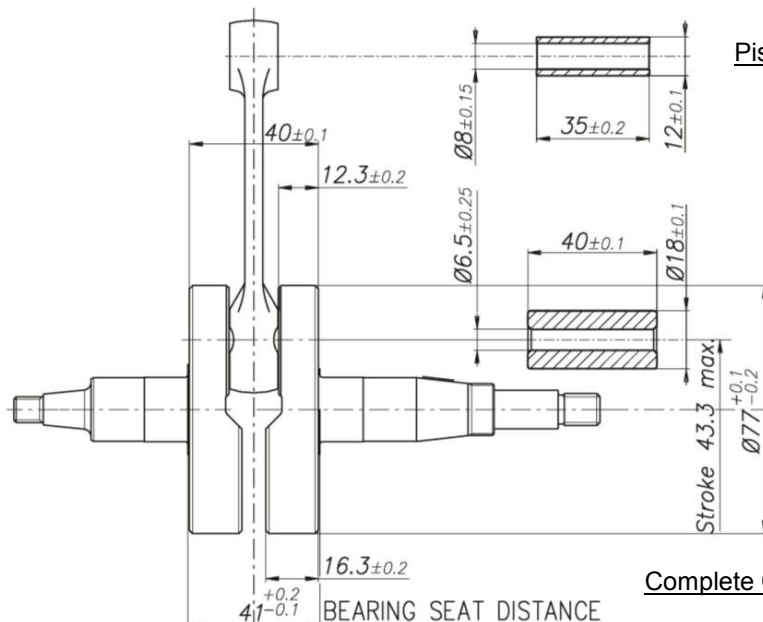
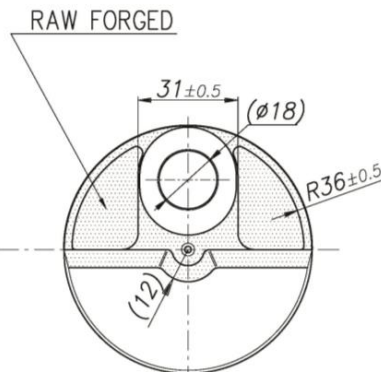
Parilla NORSWIFT 60cc



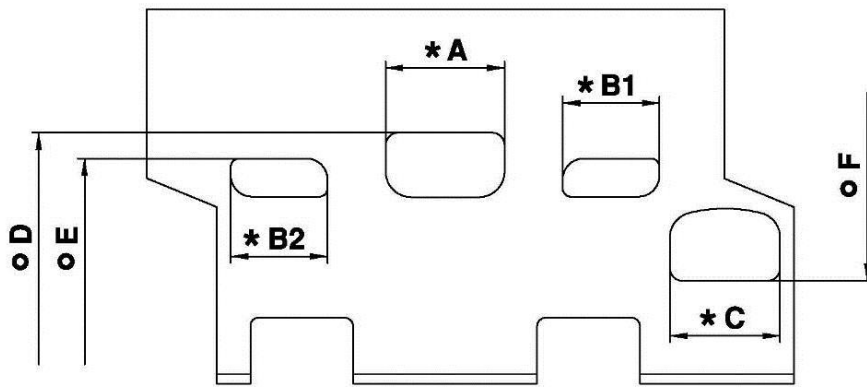
FEATURES

Cylinder volume	59.42 cm ³ (60.00 cm ³ max.)
Bore	41.80 mm
Max. theoretical bore	42.00 mm
Stroke	43.30 mm max.
Cooling system	Air
Inlet system	Piston Port
Number of carbs	1

Tillotson Carburettors HL	334B Ø19.8mm 394A Ø16mm	Transfers n. cylinder/crankcase	2/2
Number of piston rings	1	Inlet / exhaust ports number	1 / 1
Big end conrod ball-bearing diam.	18x24x15	Combustion chamber shape	Spherical
Crankshaft ball-bearing diam.	20x47x14	Selettra ignition	Cod. A-61953-C
Small end conrod ball-bearing diam.	12x16x16	Distance between Conrod Centers	88 mm

DESCRIPTION OF THE MATERIAL		PISTON
Conrod material	Steel	 Min Weight (ring incl.) 60 g
Crankshaft material	Steel	
Head material	Aluminium	
Cylinder material	Aluminium	
Liner material	Cast Iron	DISTANCE BETWEEN CONROD CENTERS
Crankcase material	Aluminium	 Min. Weight 80 g
Piston material	Aluminium	
Piston rings material	Cast Iron	
Exhaust muffler material	Sheet-steel	
Ball-bearings	6204 type	
CRANKSHAFT		
 BEARING SEAT DISTANCE		Piston pin min. weight 15.5 g  RAW FORGED Complete Crankshaft min. weight 1270 g

CYLINDER DEVELOPMENT

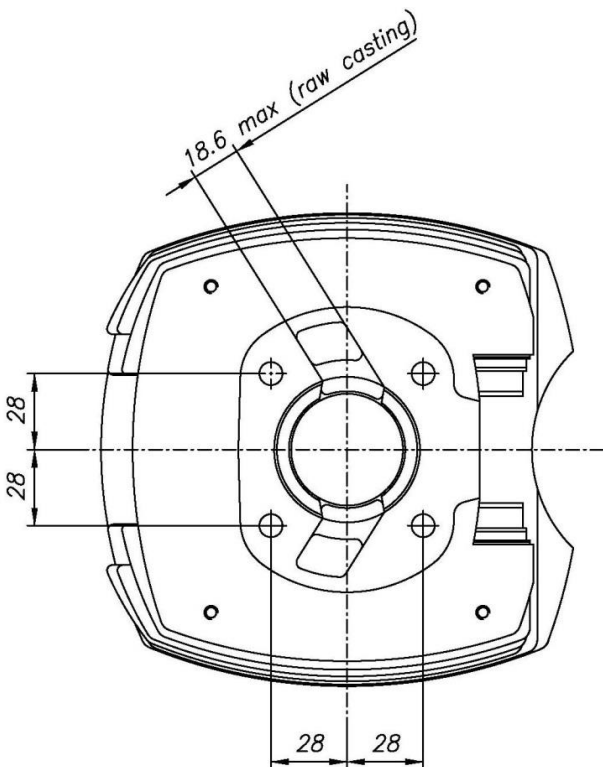


A	$\leq 28.5 \text{ mm}$
B1 = B2	$\leq 22.3 \text{ mm}$
C	$\leq 26.5 \text{ mm}$
D	$155.5^\circ \pm 2^\circ$
E	$115.5^\circ \pm 2^\circ$
F	$143.0^\circ \pm 2^\circ$

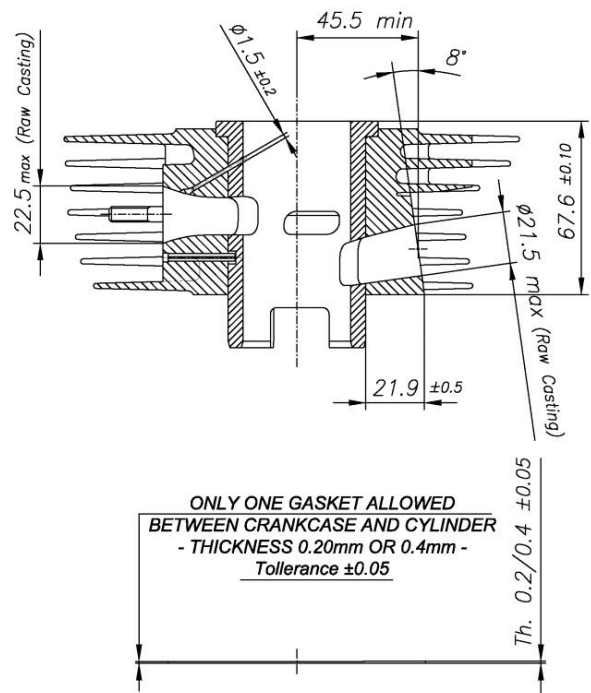
* CHORDAL READING

o ANGULAR READING BY INSERT A 0.2x5 mm GAUGE

CYLINDER BASE VIEW



CYLINDER CROSS SECTION VIEW



COMBUSTION CHAMBER VIEW

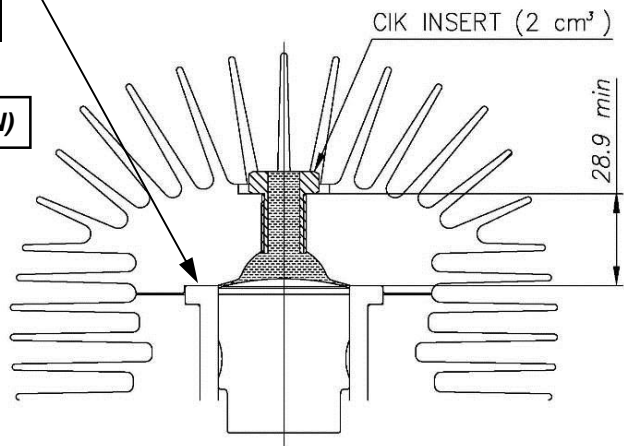
COMBUSTION CHAMBER VOLUME = 6.1 cm³ min.

SQUISH MIN.= 0.50 mm (measured with Ø1.6mm TIN)

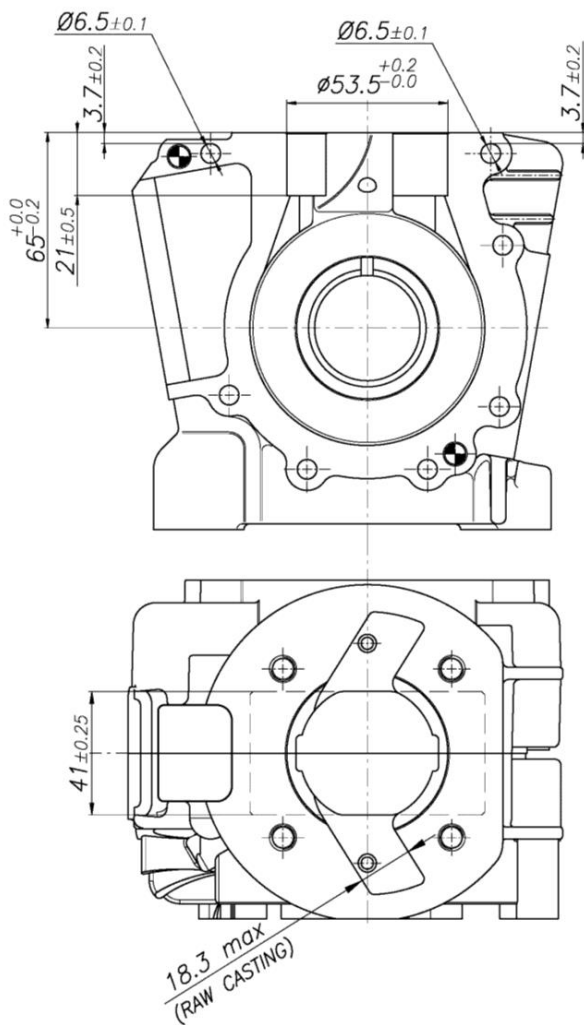
Combustion chamber volume in the cylinder head
(with Volumeter and CIK insert):

7.4 cm³ min

**NO GASKET OR SHIMS ARE ALLOWED
BETWEEN THE CYLINDER AND CYLINDER HEAD**

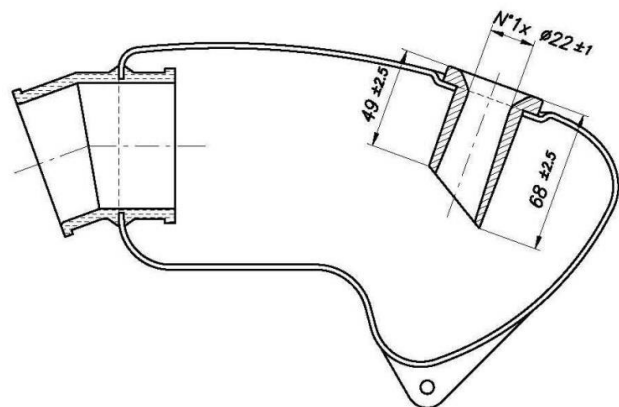


CRANKCASE INSIDE VIEW

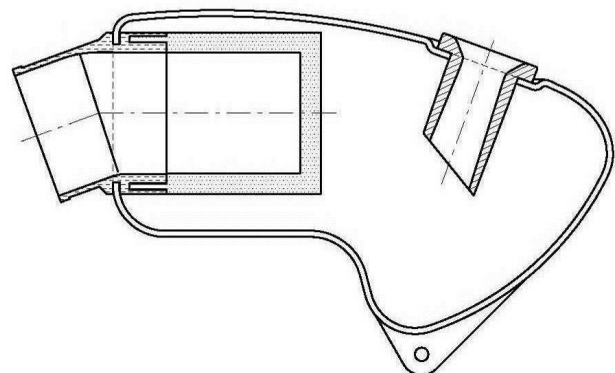


INLET SILENCER

(CSAI Hom. N° 01/SA/14)

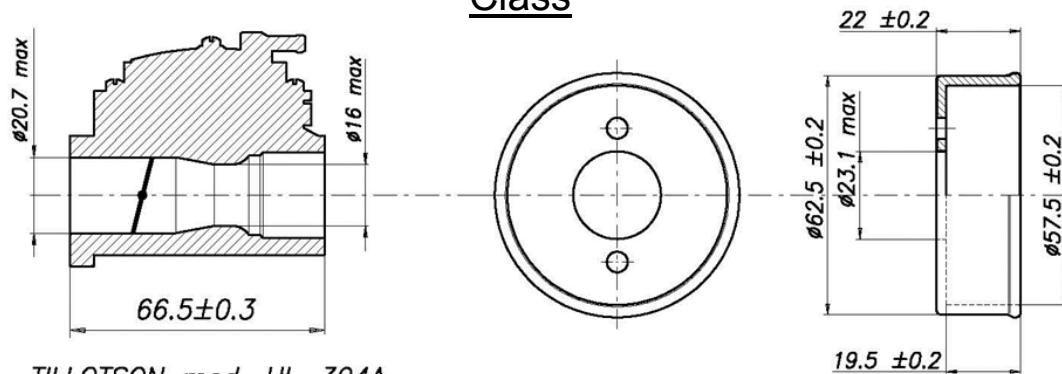


IN ALTERNATIVE (OPTIONAL)

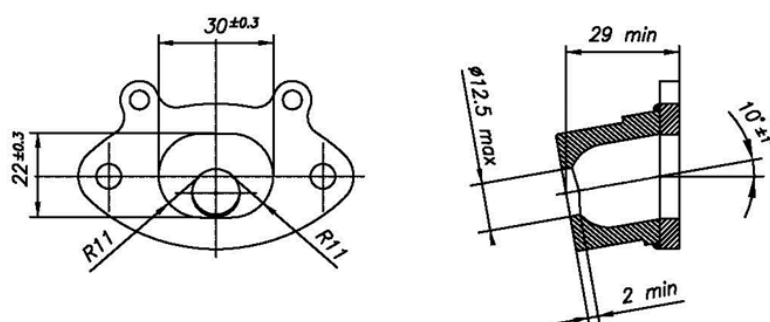


CARBURETTORS, INLET SILENCER SUPPORTS AND EXHAUST MANIFOLDS
FOR "MINI" VERSION AND "CADETTI" VERSION

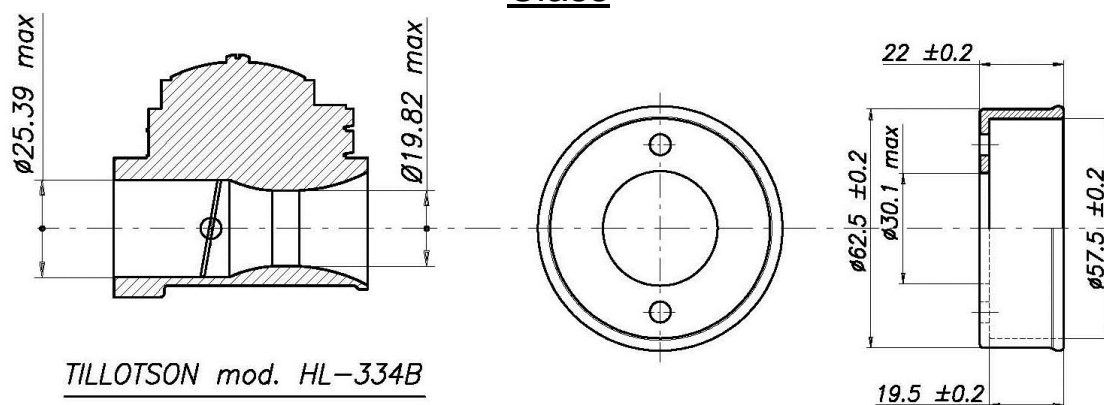
CADETTI
Class



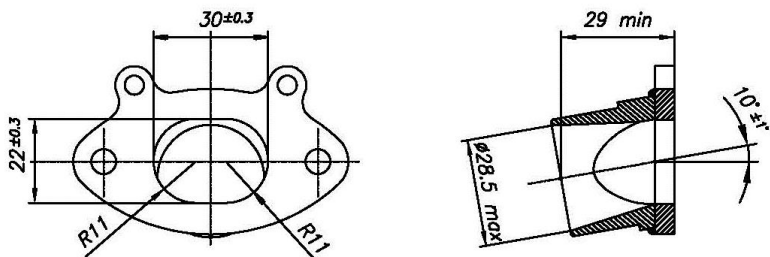
TILLOTSON mod. HL-394A

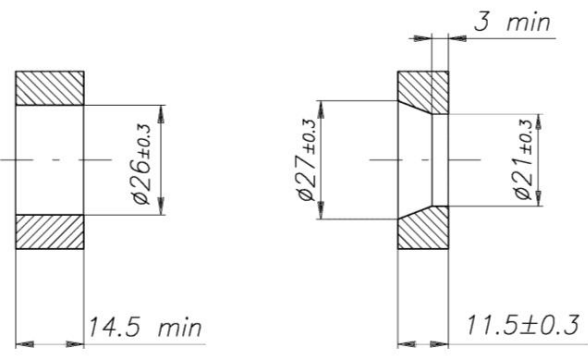
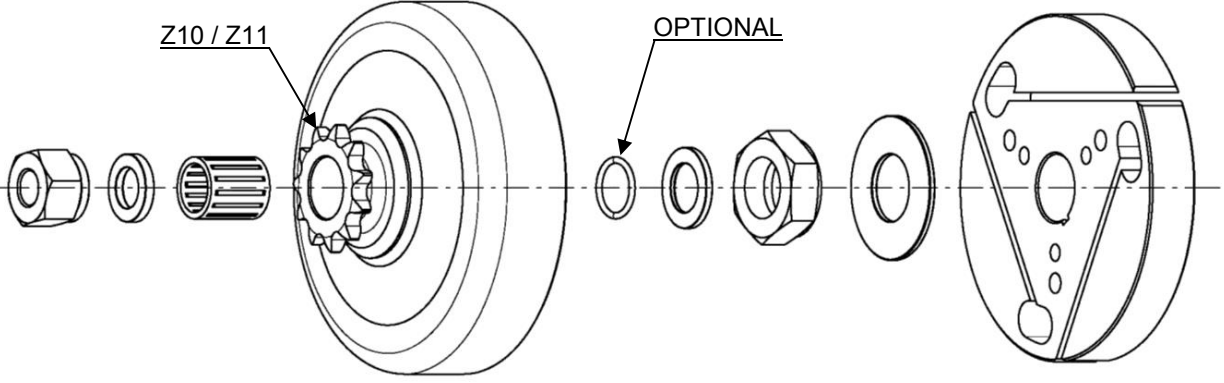
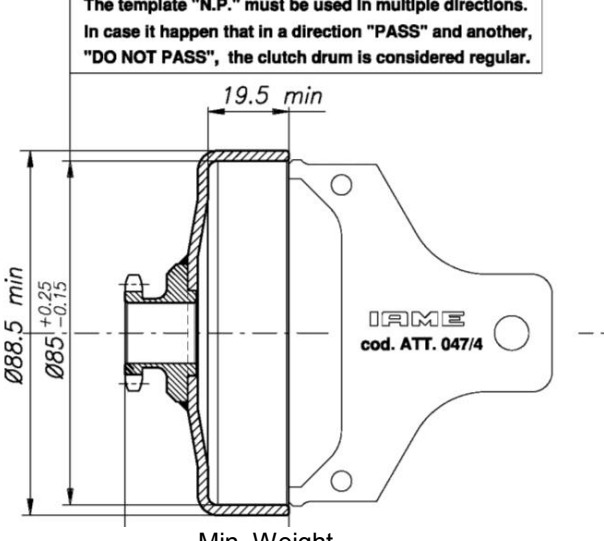
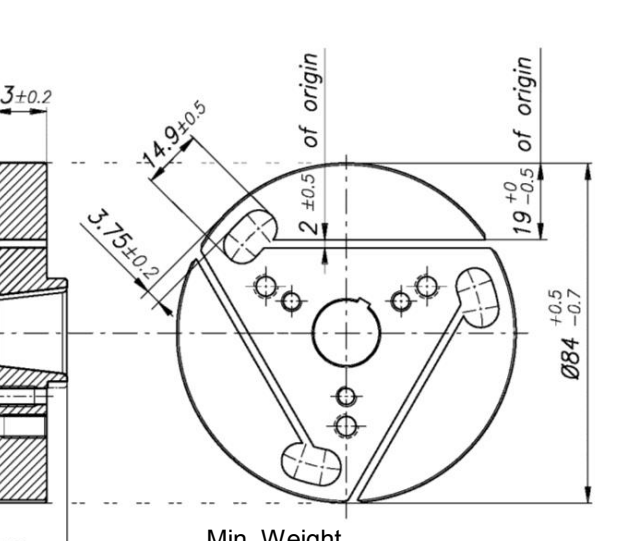


MINI
Class

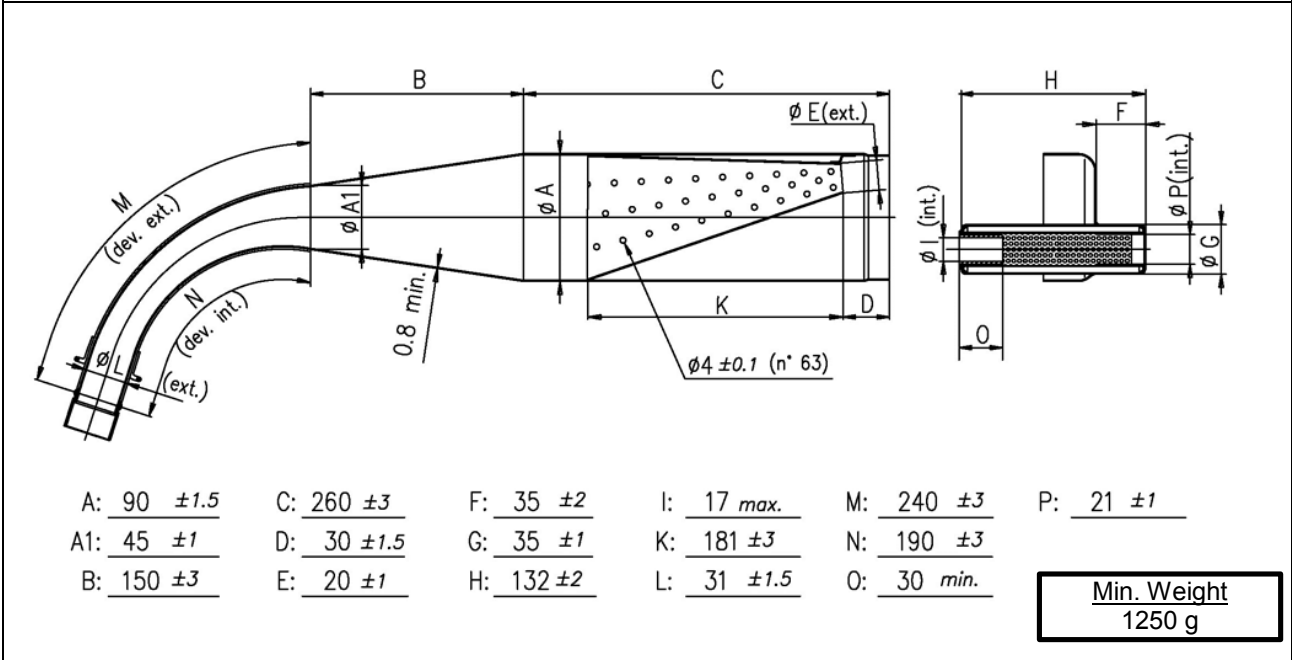


TILLOTSON mod. HL-334B



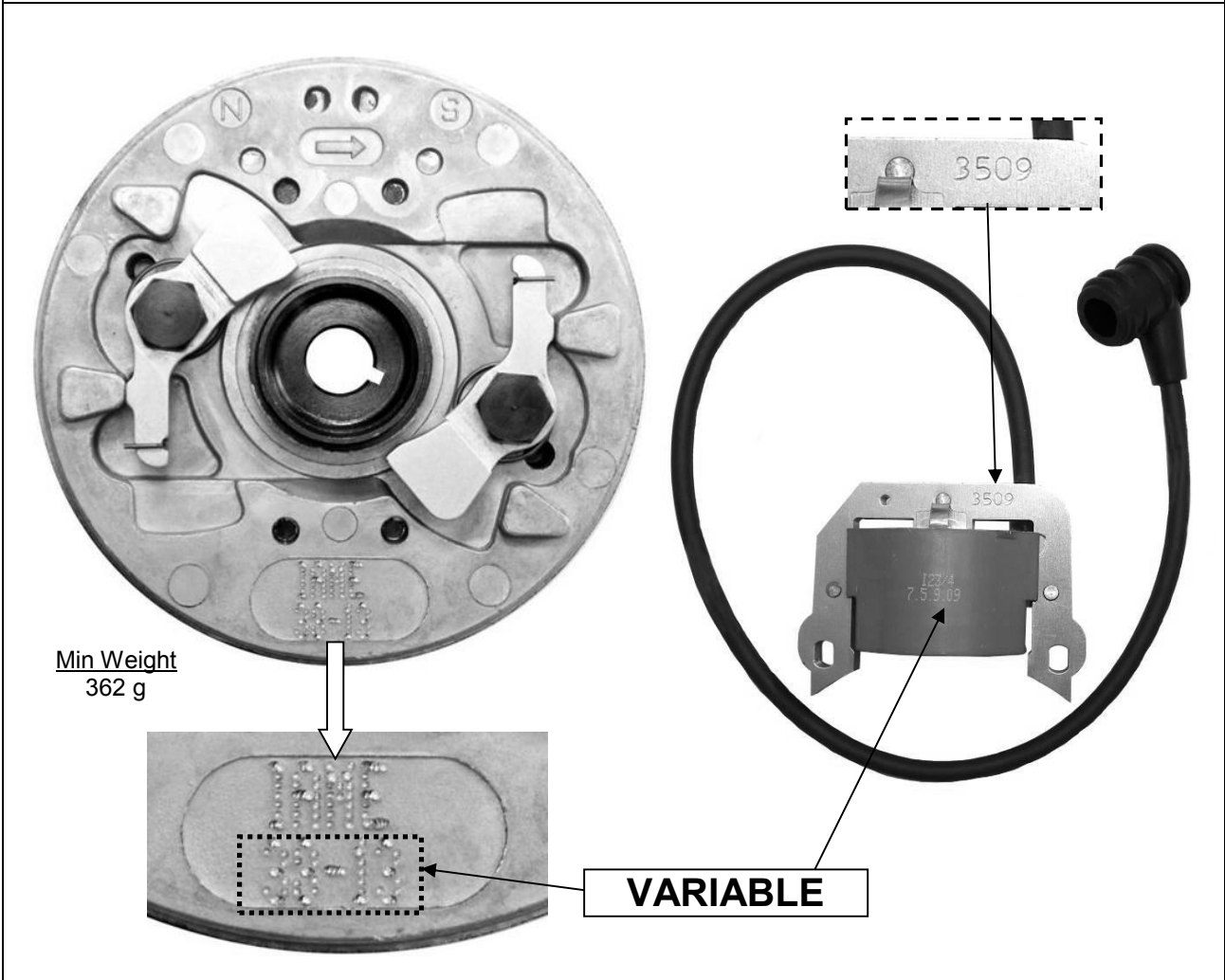
THERMAL SPACER	PHOTO IDENTIFICATION MARKING SPONGE FILTER (OPTIONAL)
	
DESCRIPTION OF THE CLUTCH	
	
The template "N.P." must be used in multiple directions. In case it happen that in a direction "PASS" and another, "DO NOT PASS", the clutch drum is considered regular.  <u>Min. Weight</u> 210 g	 <u>Min. Weight</u> 445 g

THERMAL SPACER - EXHAUST MUFFLER VIEW AND DIMENSIONS

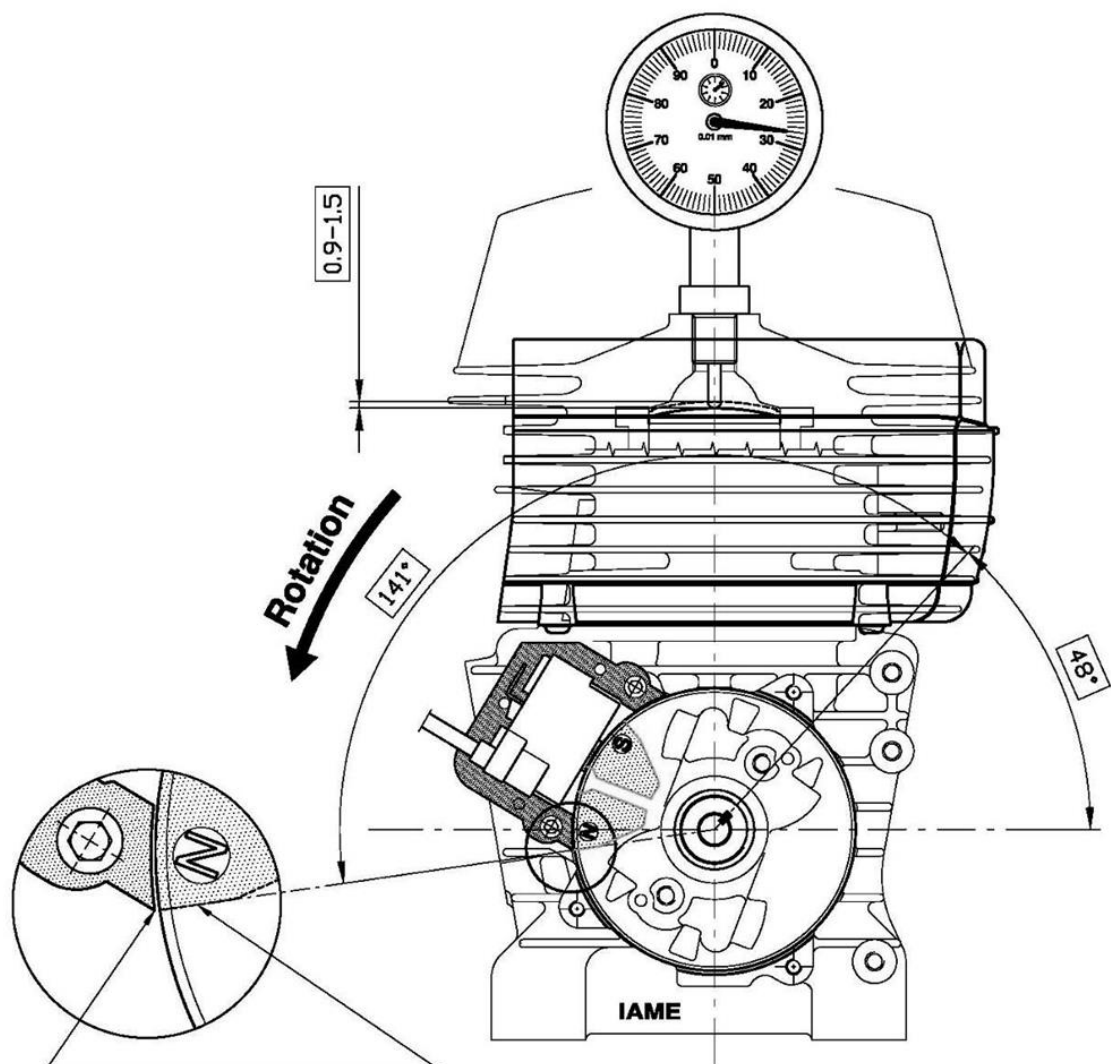


Min. Weight
1250 g

IGNITION PHOTO IDENTIFICATION MARKING
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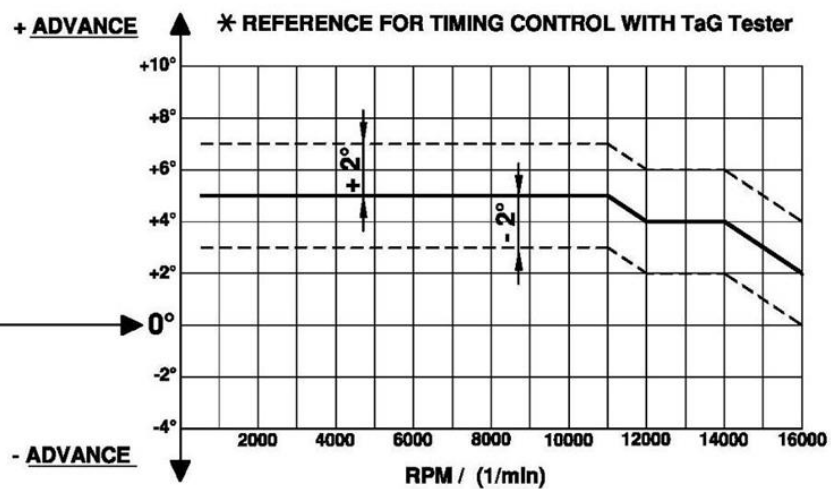


SCHEME FOR ADVANCE CONTROL

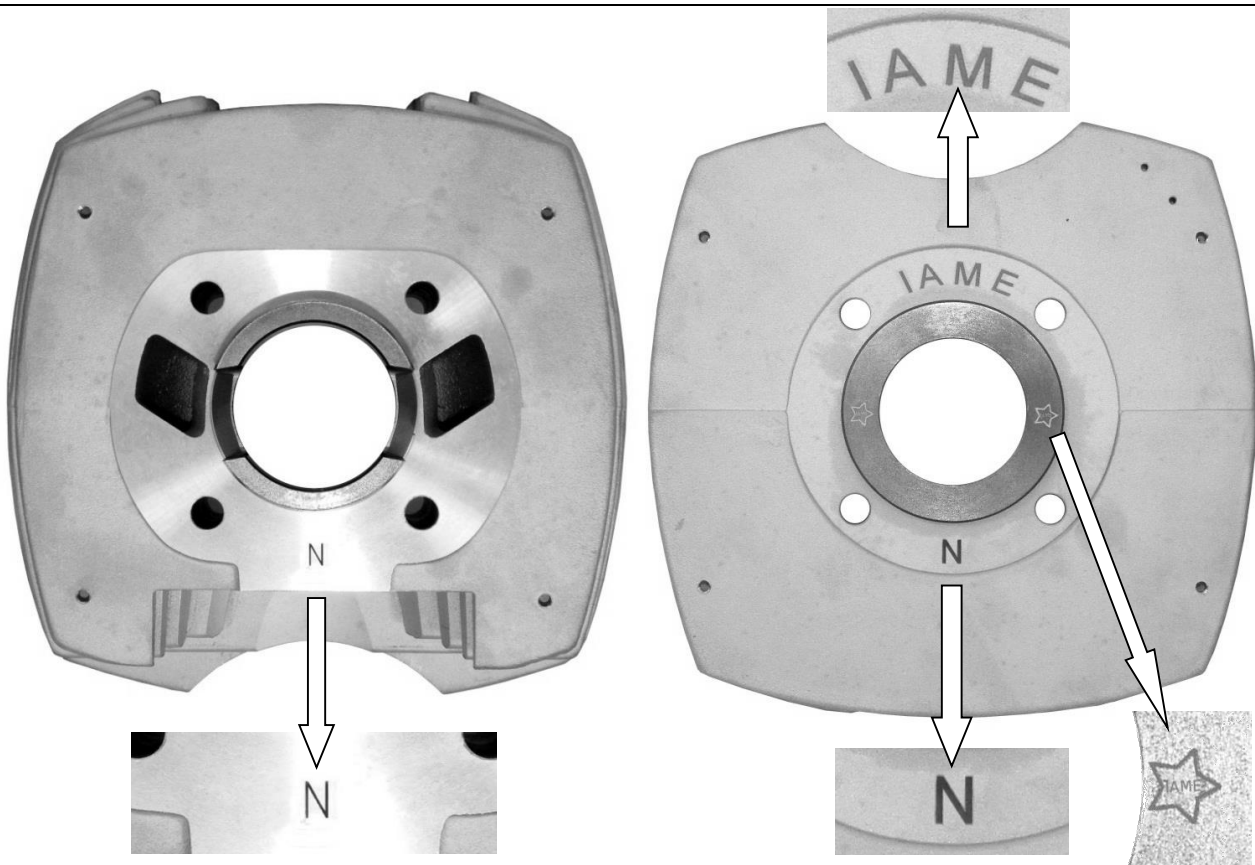


* ALIGN THE ROTOR MAGNETO END ON THE IGNITION COIL END AS SHOWN.

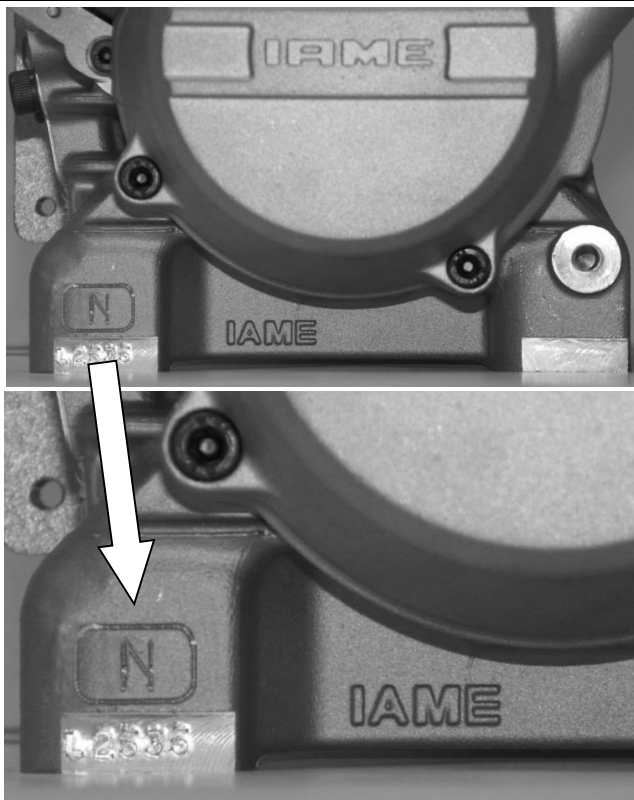
ADVANCE CURVE GRAPHS



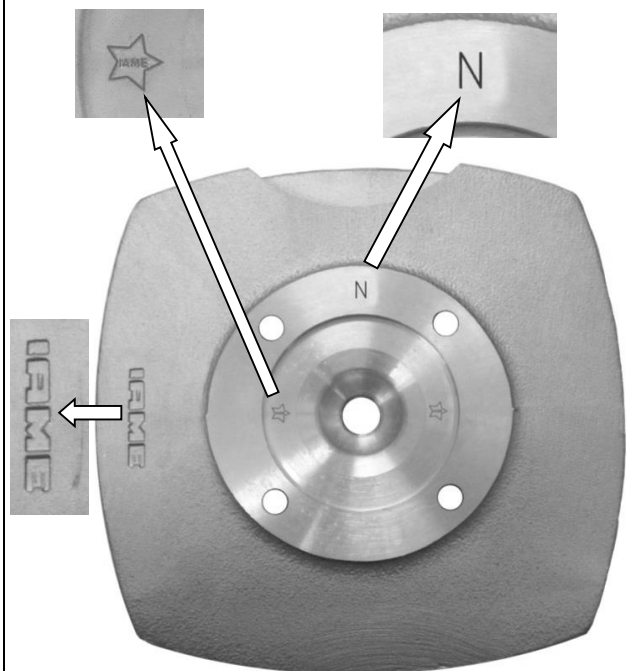
CYLINDER IDENTIFICATION MARKING

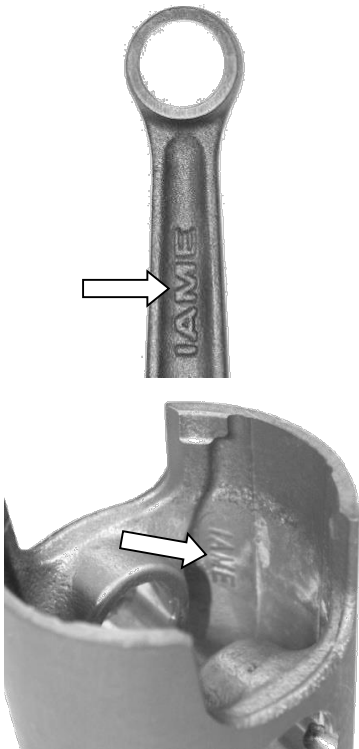
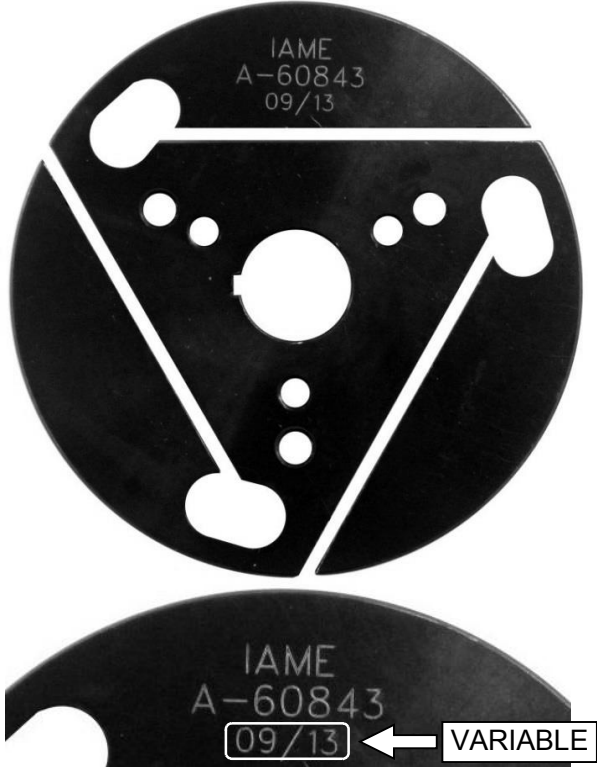
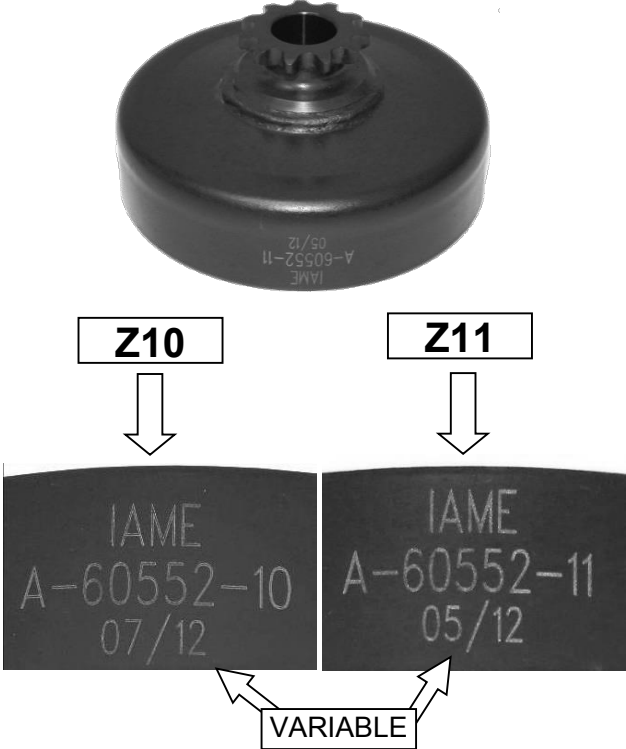


CRANKCASE IDENTIFICATION MARKING



HEAD IDENTIFICATION MARKING



EXHAUST IDENTIFICATION MARKING	CONROD / PISTON IDENTIFICATION MARKINGS
 The image shows a curved exhaust pipe. An arrow points from the pipe to a close-up of its side, which features the 'IAME' logo and a small circular hole below it.	 The image shows two components. The top one is a conrod with 'IAME' engraved on it. The bottom one is a piston with 'IAME' engraved on its side. Arrows point to the respective markings.
CLUTCH HUB IDENTIFICATION MARKING	CLUTCH DRUM IDENTIFICATION MARKING
 The image shows a circular clutch hub with several holes. It has the following markings: 'IAME', 'A-60843', and '09/13'. Below it is a partial view of another hub with 'IAME', 'A-60843', and '09/13' in a box, with an arrow pointing to it from a box labeled 'VARIABLE'.	 The image shows a clutch drum with a gear on top. It has the following markings: 'IAME', 'A-60552-11', and '05/12'. Below it are two boxes labeled 'Z10' and 'Z11'. Arrows point from these boxes to two separate images of clutch drums. The first drum has 'IAME', 'A-60552-10', and '07/12'. The second drum has 'IAME', 'A-60552-11', and '05/12'. An arrow points from a box labeled 'VARIABLE' to the date '05/12' on the second drum.