



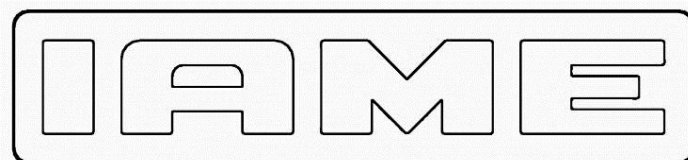
NORGES BILSPORTFORBUND

HOMOLOGERINGSdokument IAME CADETTI og MINI

Homologeringsnr.
NBF-30/M/24

Utgave ~~01/2017~~ **02/2018**

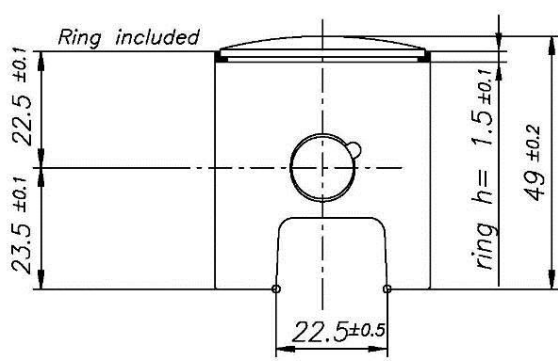
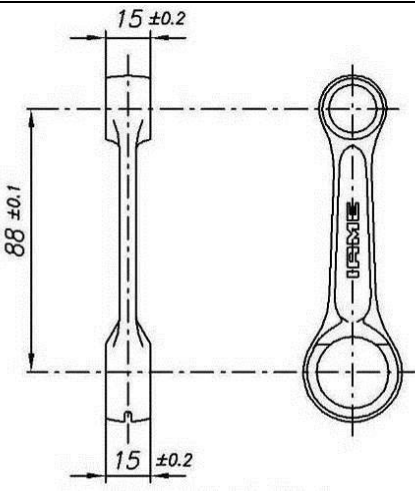
Produsent	IAME S.P.A – ZINGONIA (BG), ITALIA	
Merke	PARILLA	
Modell	NorSwift 60	
Homologeringsperiode	1. Januar 2015 - 31. Desember 2024	12(+1) Sider
Forandring 19.02.2018	Port F 143,5 +/- 1	
	Kun 1 pakning mellom bunnkasse og sylinder Tykkelse 0,40 mm	
	Toleranse +/- 0,05 mm	
	Dokumentet gjelder både Mini og Cadetti	

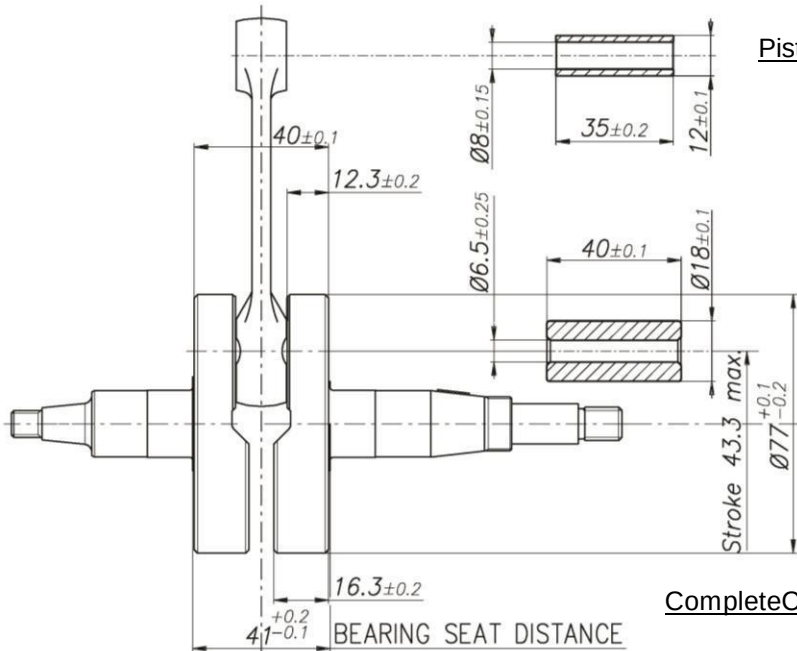
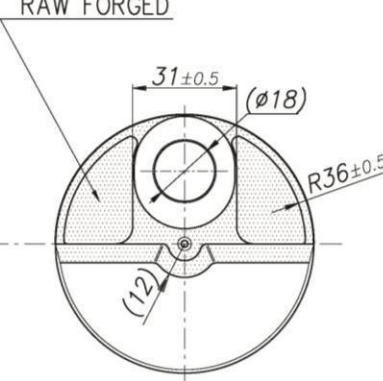


Parilla NORSWIFT 60cc

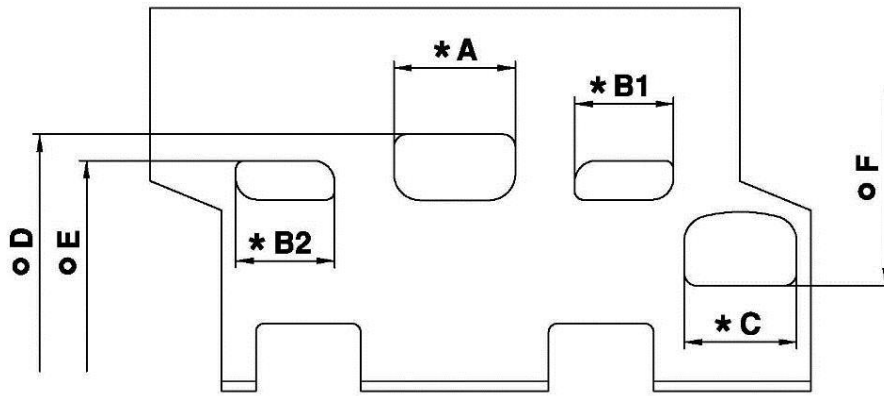


		FEATURES	
		Cylinder volume	59.42 cm ³ (60.00 cm ³ max.)
		Bore	41.80 mm
		Max. theoretical bore	42.00 mm
		Stroke	43.30 mm max.
		Cooling system	Air
		Inlet system	Piston Port
		Number of carbs	1
Tillotson Carburettors HL	334B Ø19.8mm 394A Ø16mm	Transfers n. cylinder/crankcase	2/2
Number of piston rings	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	 MinWeight (ringincl.) 60g
Crankshaft material	Steel	
Head material	Aluminium	
Cylinder material	Aluminium	
Liner material	Cast Iron	
Liner material	Cast Iron	DISTANCE BETWEEN CONROD CENTERS
Crankcase material	Aluminium	 Min.Weight 80g
Piston material	Aluminium	
Piston rings material	Cast Iron	
Exhaust muffler material	Sheet-steel	
Ball-bearings	6204 type	

CRANKSHAFT	
	Pistonpinmin.weight 15.5g  CompleteCrankshaftmin.weight 1270g

CYLINDER DEVELOPMENT

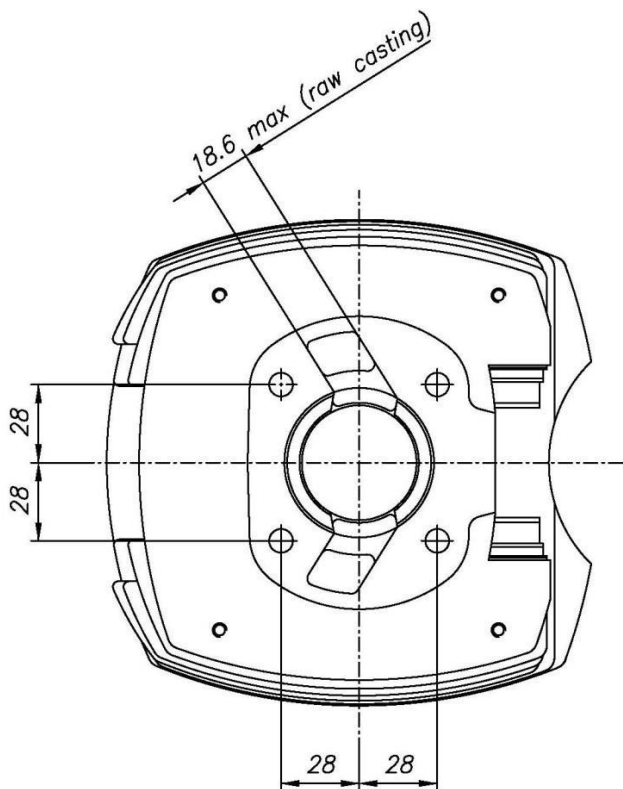


A	$\leq 28.5 \text{ mm}$
B1 = B2	$\leq 22.3 \text{ mm}$
C	$\leq 26.5 \text{ mm}$
D	$155.5^\circ \pm 1^\circ$
E	$115.5^\circ \pm 2^\circ$
F	$143.5^\circ \pm 1^\circ$

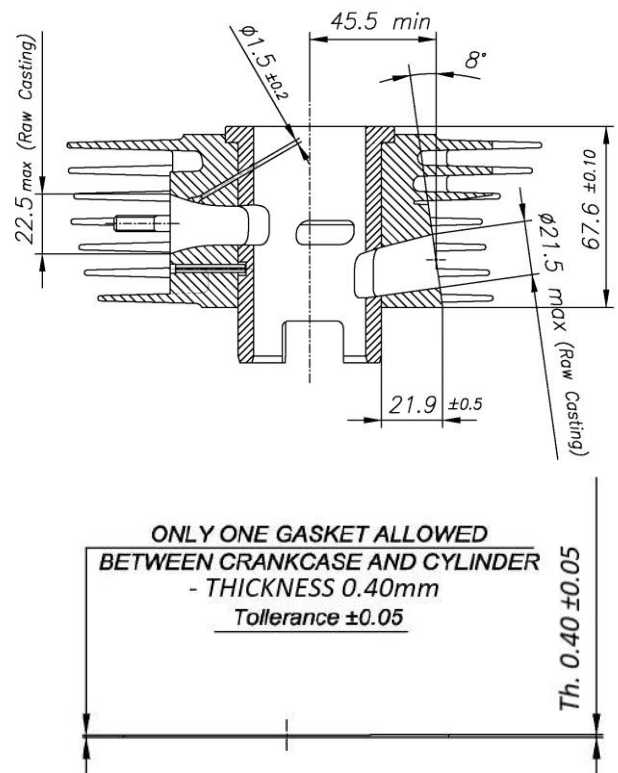
* CHORDALREADING

o ANGULARREADINGBYINSERTA0.2x5mmGAUGE

CYLINDER BASE VIEW



CYLINDER CROSS SECTION VIEW



COMBUSTION CHAMBER VIEW

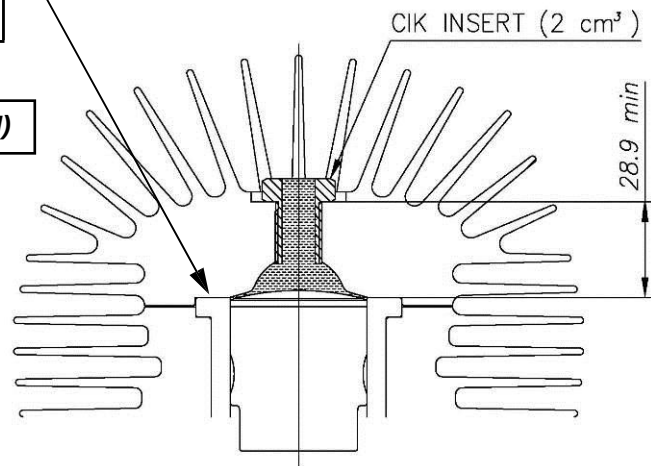
COMBUSTION CHAMBER VOLUME = 6.1 cm³ min.

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

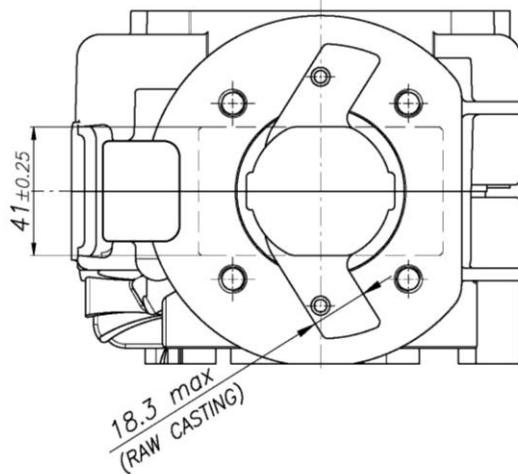
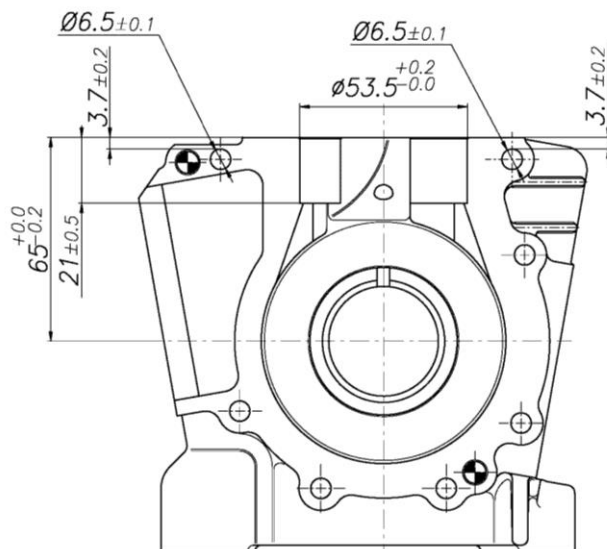
Combustion chamber volume in the cylinder head
(with Volumeter and CIK insert):

7.4 cm³ min

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

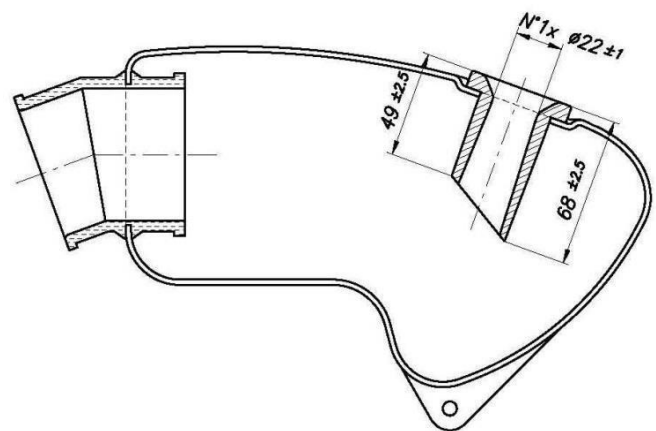


CRANKCASE INSIDE VIEW

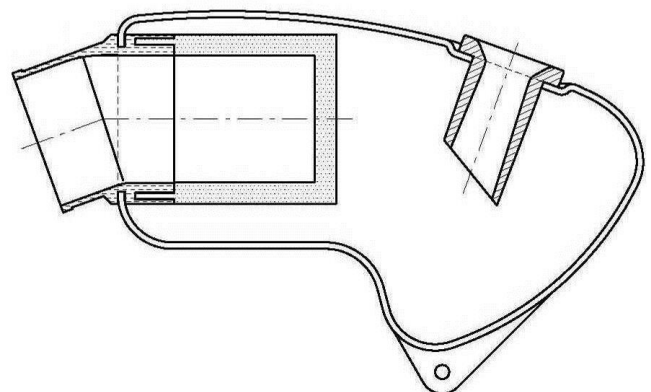


INLET SILENCER

(CSAIIHom.N° 01/SA/14)

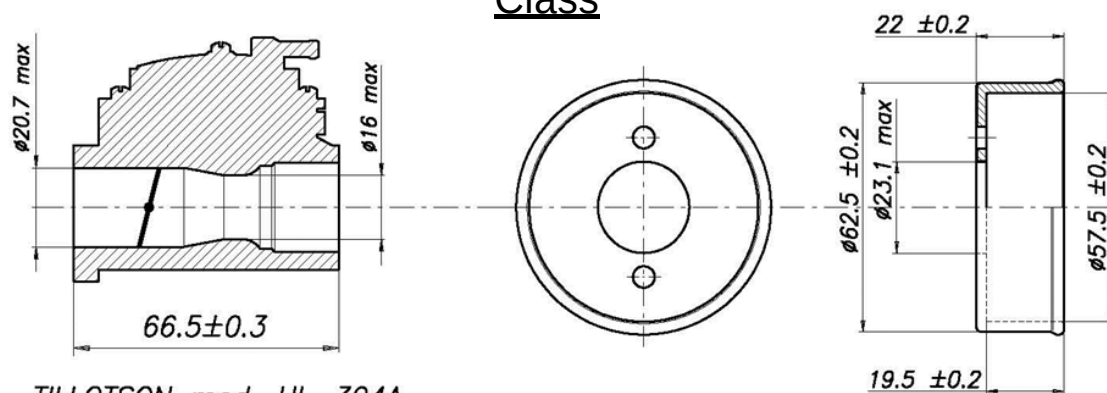


IN ALTERNATIVE (OPTIONAL)

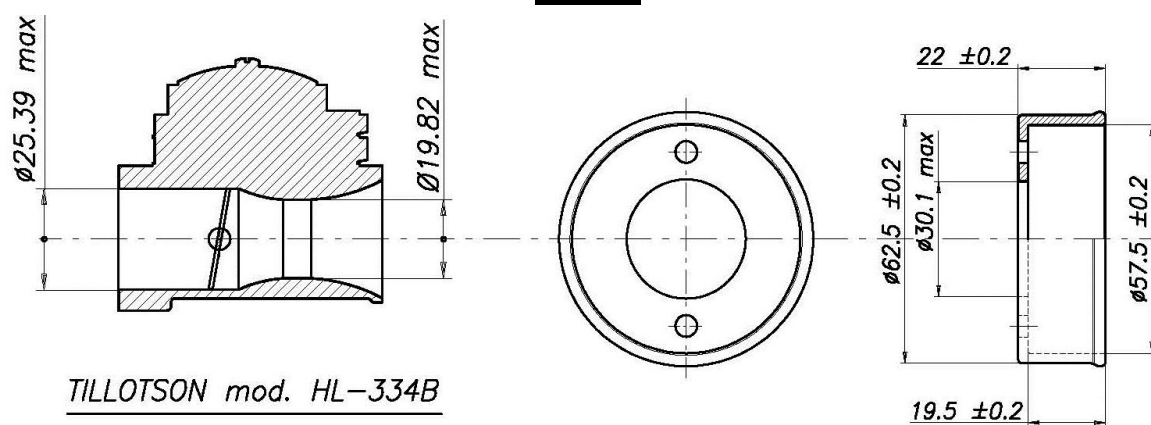


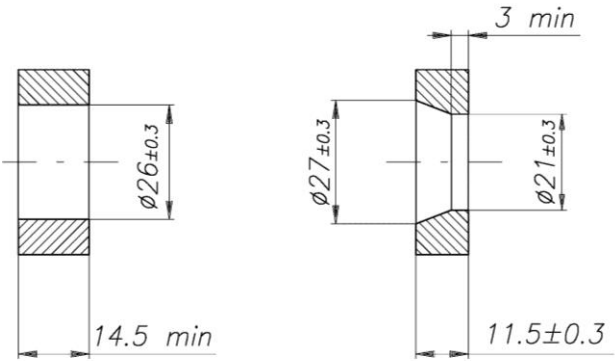
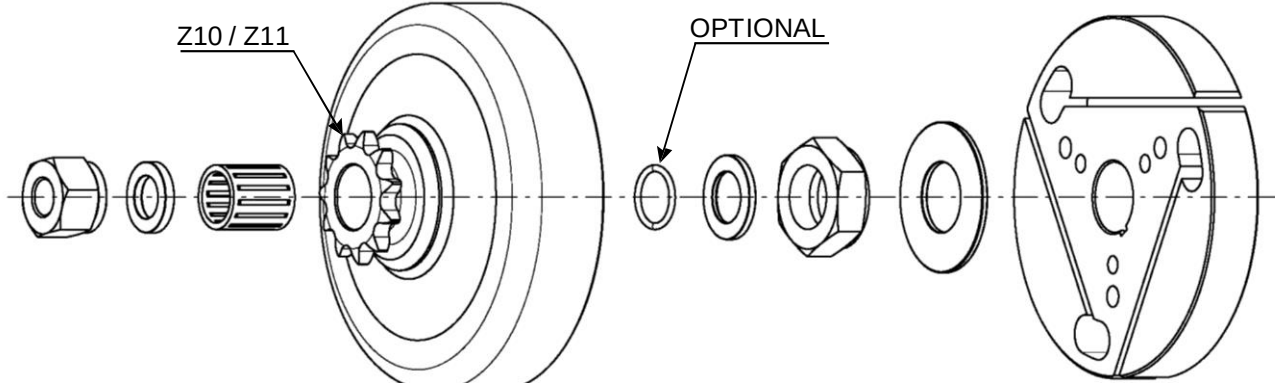
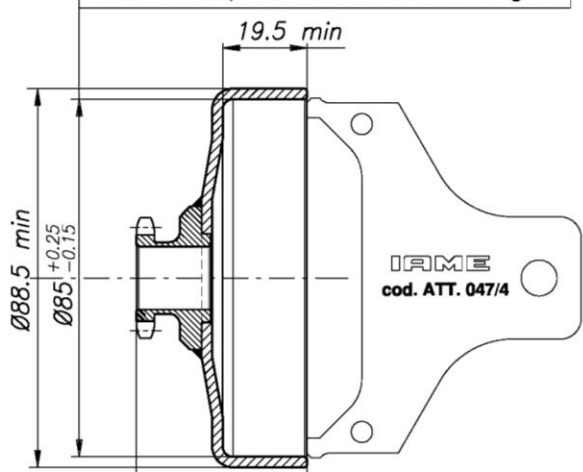
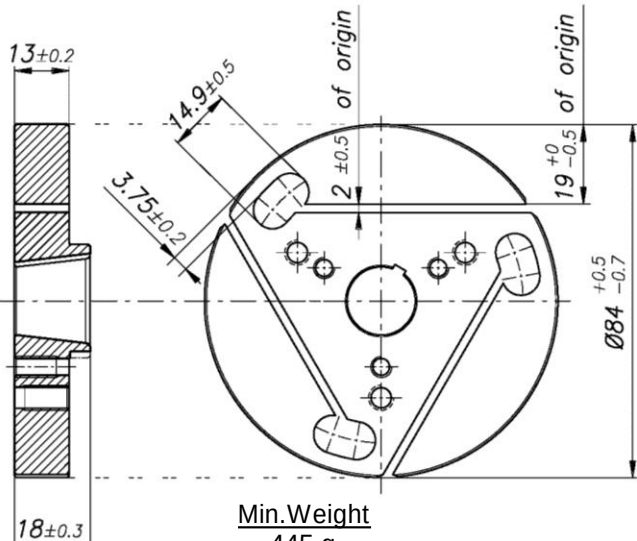
CARBURETTORS, INLET SILENCER SUPPORTS AND EXHAUST MANIFOLDS
FOR "MINI" VERSION AND "CADETTI" VERSION

CADETTI
Class

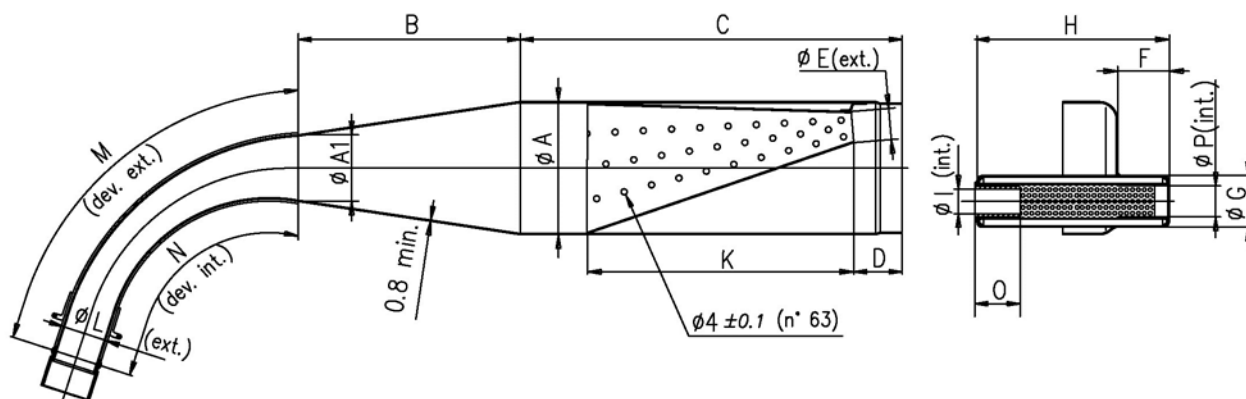


MINI
Class



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.  Min.Weight 210 g	 Min.Weight 445 g

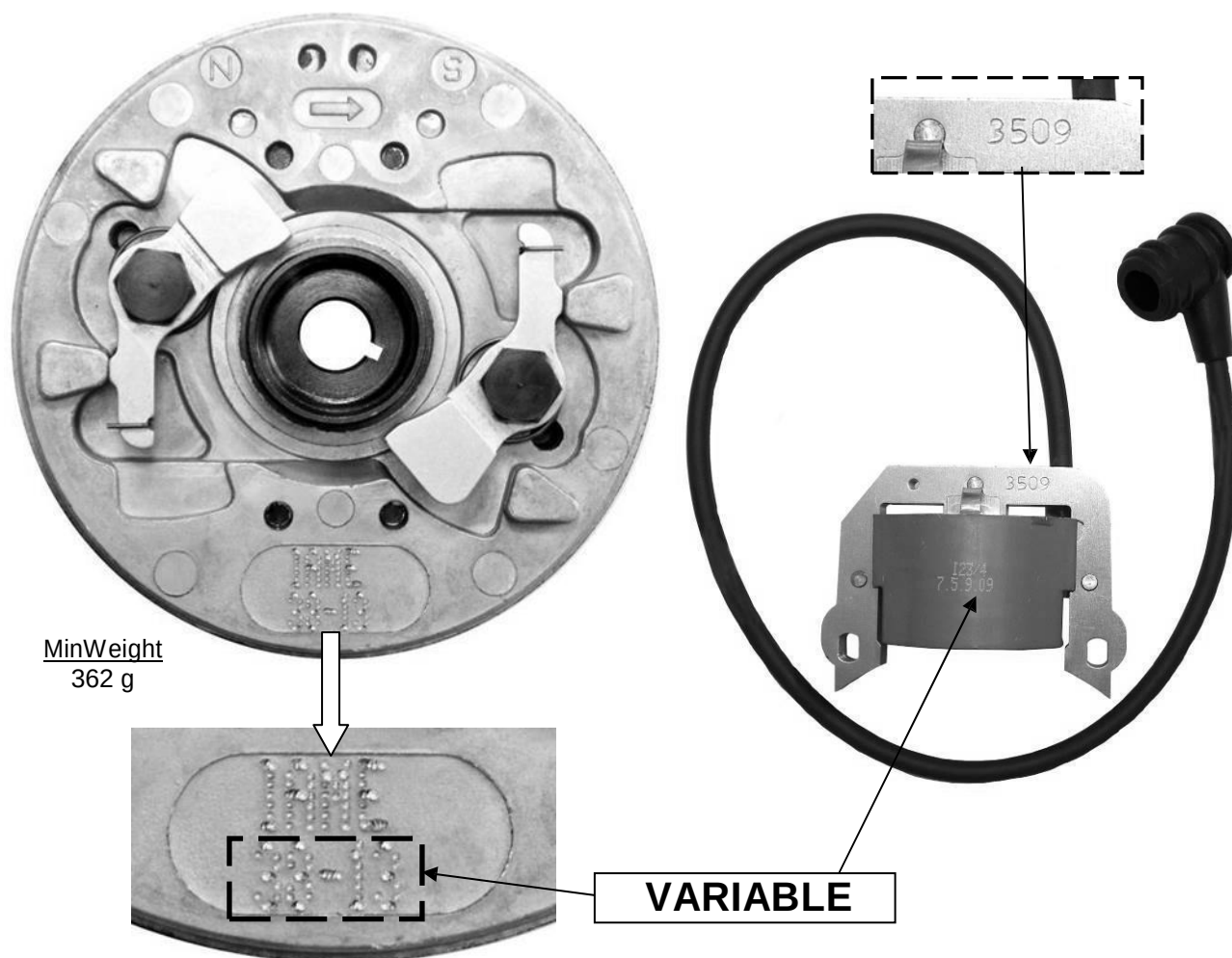
THERMAL SPACER - EXHAUST MUFFLER VIEW AND DIMENSIONS



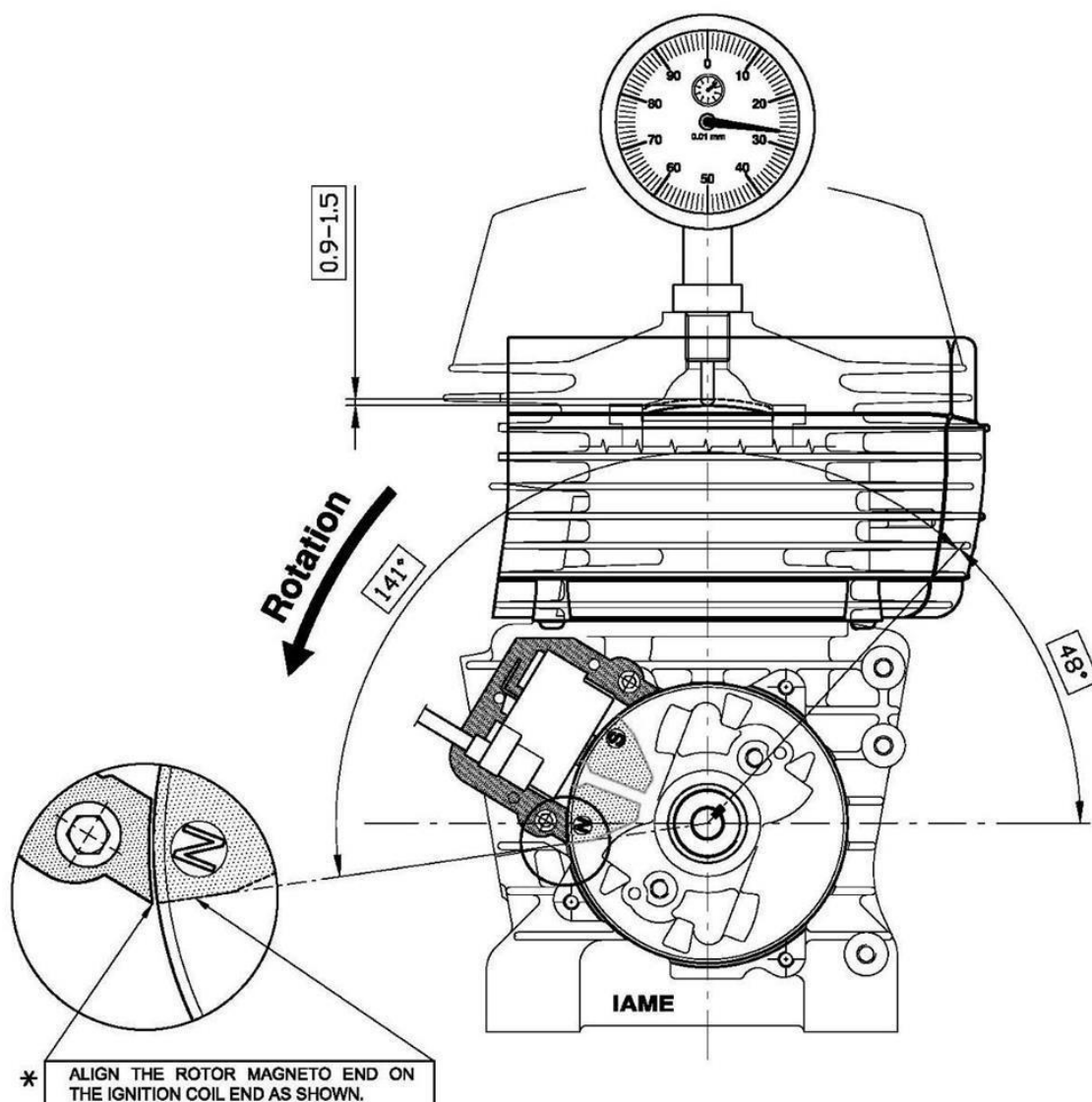
A: 90 ± 1.5	C: 260 ± 3	F: 35 ± 2	I: 17 max.	M: 240 ± 3	P: 21 ± 1
A1: 45 ± 1	D: 30 ± 1.5	G: 35 ± 1	K: 181 ± 3	N: 190 ± 3	
B: 150 ± 3	E: 20 ± 1	H: 132 ± 2	L: 31 ± 1.5	O: 30 min.	

Min.Weight
1250 g

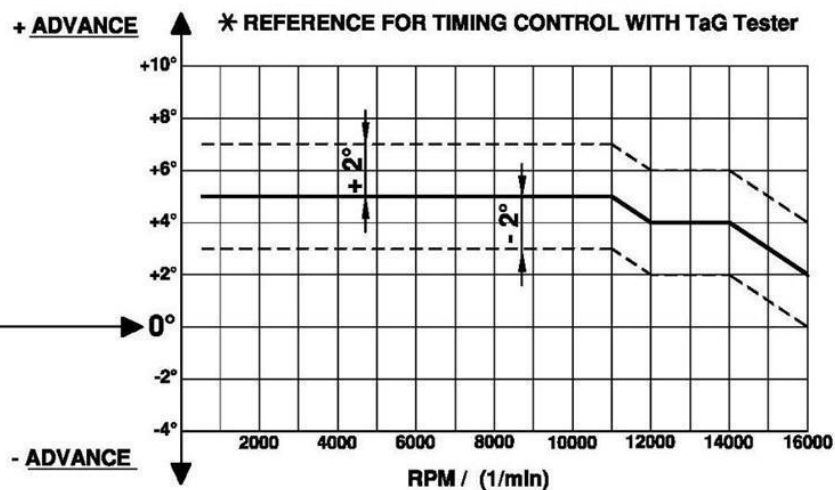
IGNITION PHOTO IDENTIFICATION MARKING



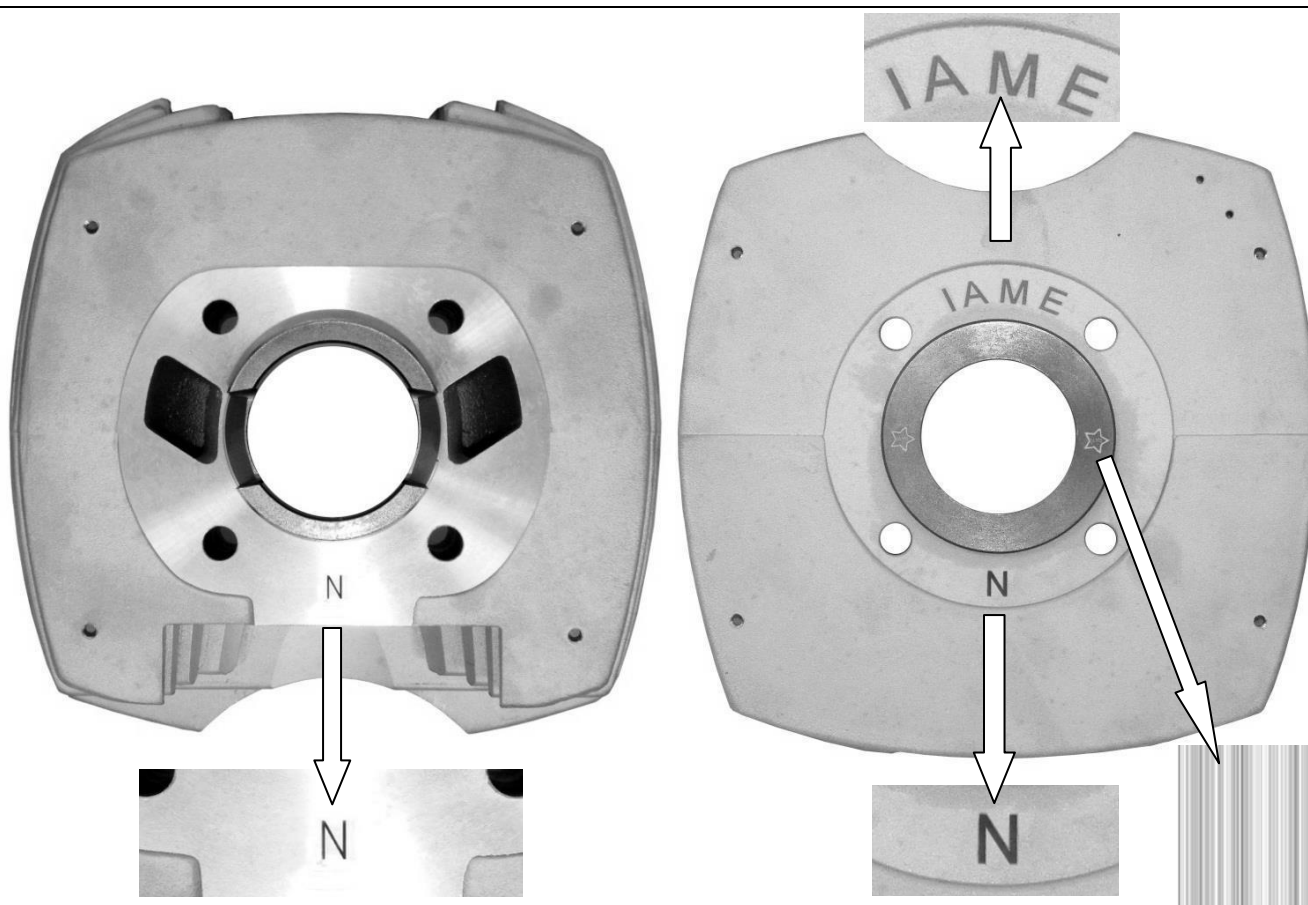
SCHEME FOR ADVANCE CONTROL



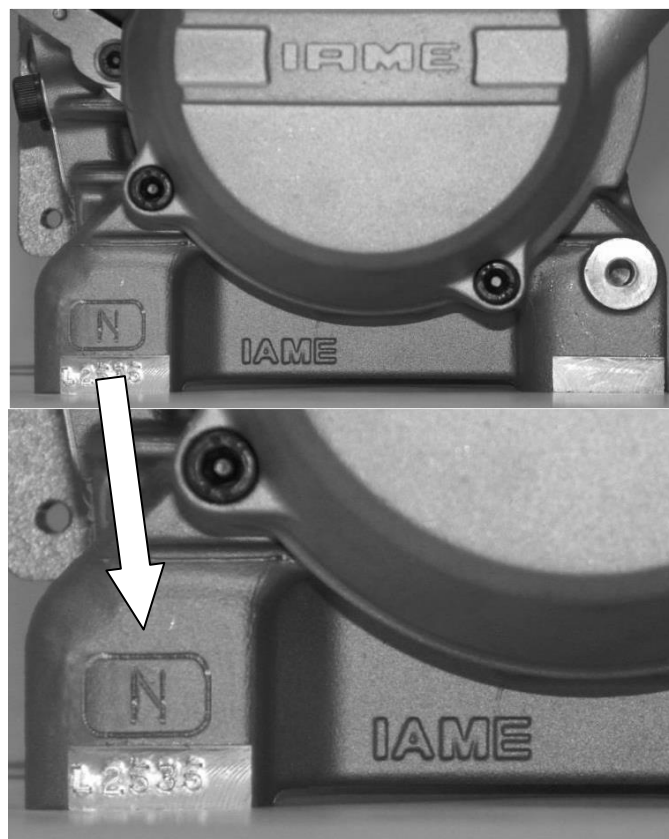
ADVANCE CURVE GRAPHS



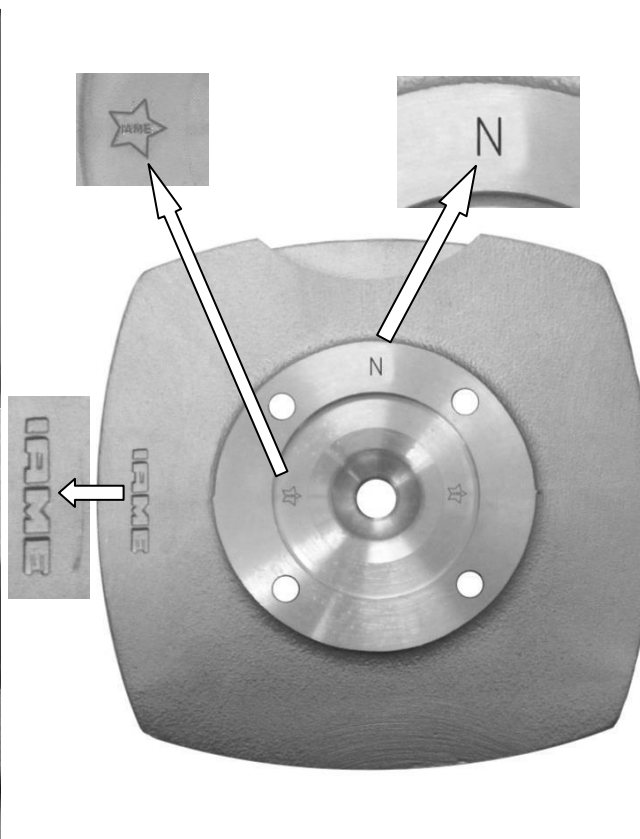
CYLINDER IDENTIFICATION MARKING

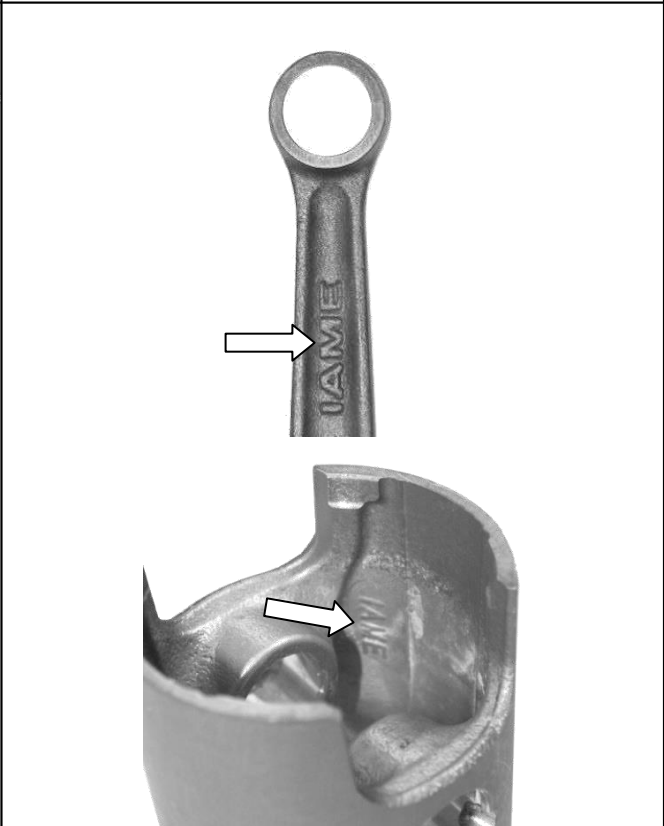
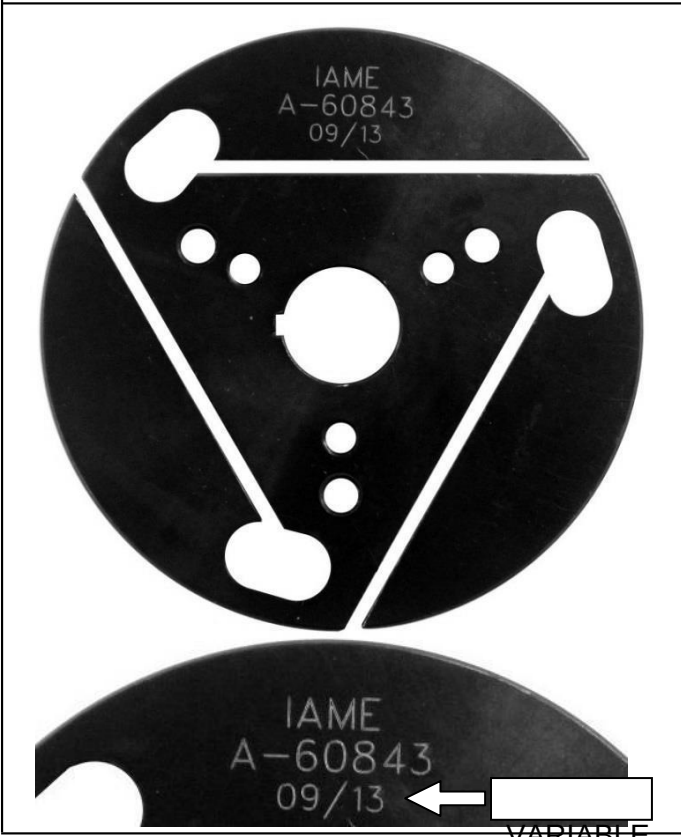
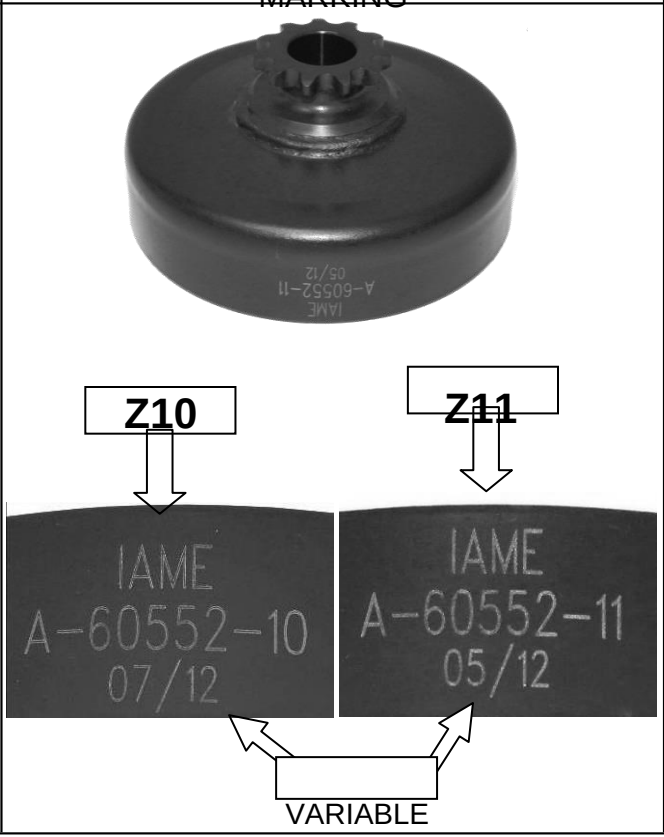


CRANKCASE IDENTIFICATION MARKING



HEAD IDENTIFICATION MARKING



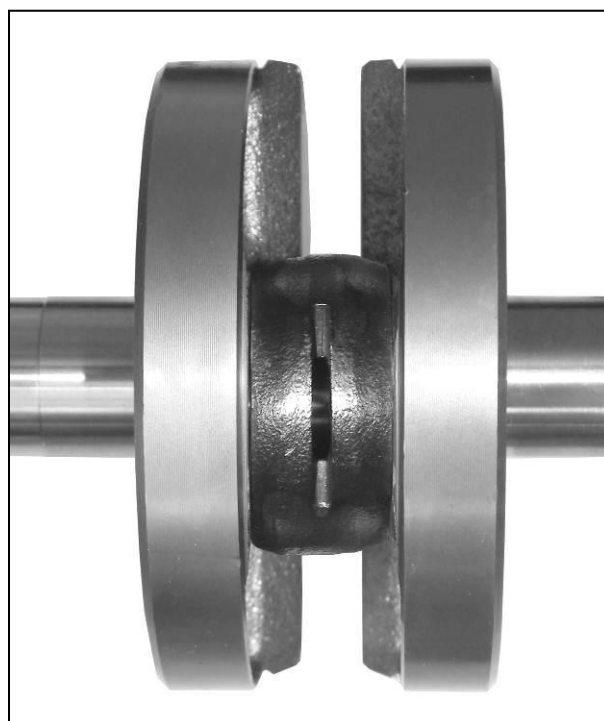
EXHAUST IDENTIFICATION MARKING	CONROD / PISTON IDENTIFICATION MARKINGS
 A black and white photograph showing a curved exhaust pipe. An arrow points from the pipe to a close-up of the cylinder head, which has the 'IAME' logo stamped on it.	 Two black and white photographs. The top one shows a connecting rod (conrod) with the 'IAME' logo. The bottom one shows a piston with the 'IAME' logo.
CLUTCH HUB IDENTIFICATION MARKING	CLUTCH DRUM IDENTIFICATION MARKING
 A black and white photograph of a clutch hub. It has the 'IAME' logo and 'A-60843 09/13' stamped on it. An arrow points to a blank box labeled 'VARIABLE'.	 A black and white photograph of a clutch drum. It has the 'IAME' logo and 'A-60552-11 05/12' stamped on it. Below it are two boxes labeled 'Z10' and 'Z11', each with an arrow pointing to a clutch drum. The 'Z10' drum has 'IAME A-60552-10 07/12' and the 'Z11' drum has 'IAME A-60552-11 05/12'. An arrow points from a blank box labeled 'VARIABLE' to the 'Z11' drum.

CRANKSHAFT PHOTOS



CRANKSHAFT IDENTIFICATION
MARKINGS

PARTICULAR OF COMPLETE
CRANKSHAFT



BALL BEARING IDENTIFICATION MARKING

