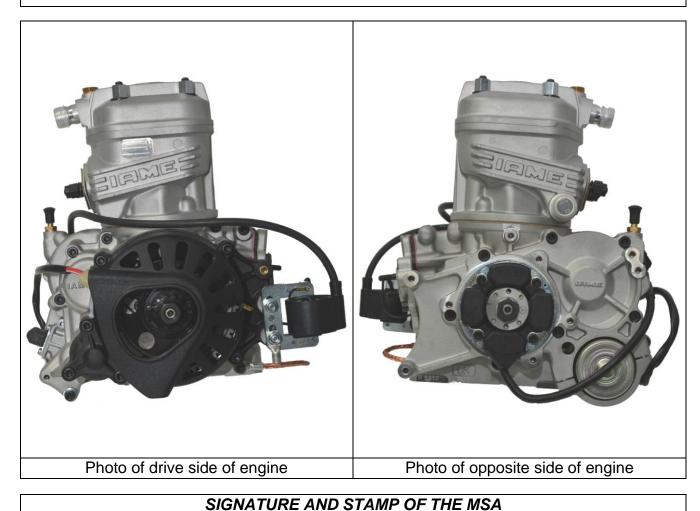


HOMOLOGATION OF KART ENGINE

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TaG - UK
Valid From	01 January 2014
Number of pages	20

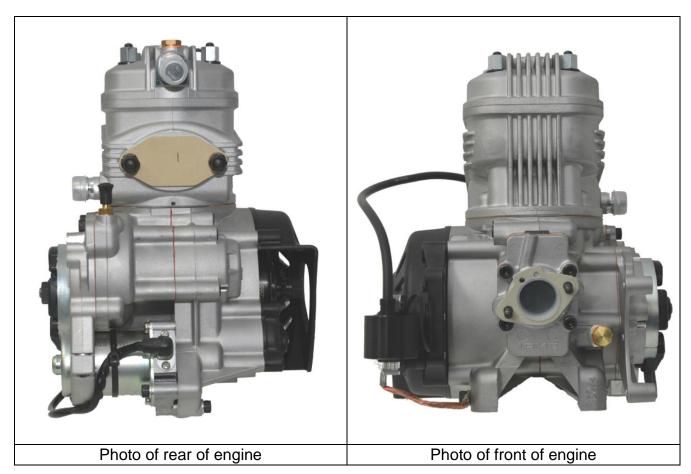
This Homologation Form reproduces descriptions, illustrations and dimensions of the engine at the moment of the MSA Homologation. This document may be supplemented by official amendment. This document must be read in conjunction with the appropriate Class Regulations.



Date: 18 December 2013
Signed by: Joe Hickerton
Position: MSA Technical Administrator

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LIST OF APPENDICES

No.	Туре	Description	Page	Date
<u>1</u>	Supplement	IAME X30 Junior	21	18 December 2013
<u>2</u>	Supplement	Carburettor	23	18 December 2013
<u>3</u>	Variant	Alternative clutch drum	28	09 October 2014
<u>4</u>	Variant	Carburettor – alternative throttle shutter	30	14 October 2014
<u>5</u>	Variant	Alternative piston markings	31	24 September 2015
<u>6</u>	Variant	Alternative reed valve markings	32	24 September 2015
<u>7</u>	Variant	Alternative ignition & wiring loom	33	24 September 2015
<u>8</u>	Variant	Alternative push buttons – start & stop	35	24 September 2015
9	Variant	Alternative inlet conveyor	36	24 September 2015
<u>10</u>	Amendment	Carburettor – fuel needle measurement	37	24 September 2015
<u>11</u>	Supplement	IAME X30 Mini X	38	01 January 2017
<u>12</u>	Supplement	Mini X carburettor	39	01 January 2017
<u>13</u>	Amendment	Mandatory exhaust – Senior	44	01 January 2018
<u>14</u>	Variant	Alternative large radiator – Junior & Mini X	46	01 January 2018
<u>15</u>	Variant	Alternative water pump & pulley – Junior & Mini X	47	01 January 2018
<u>16</u>	Additional info.	Exhaust header flange thickness – Junior & Mini X	48	01 January 2018
<u>17</u>	Variant	Alternative fuel needle – Senior & Junior	49	01 January 2018
<u>18</u>	Variant	Alternative pump diaphragm	50	01 January 2018
<u>19</u>	Amendment	Low and high speed needle correction – Sen. & Jun.	51	01 January 2018
<u>20</u>	Amendment	Mandatory exhaust & restrictor – Junior	52	01 January 2019
<u>21</u>	Variant	Alternative inlet silencer / air box	54	01 January 2019
<u>22</u>	Additional info.	Balance shaft / gear timing diagram	55	01 January 2019
<u>23</u>	Variant	Alternative wiring loom	56	01 January 2019
<u>24</u>	Variant	Alternative small end conrod bearings	58	01 January 2019
<u>25</u>	Variant	New logo markings	59	01 January 2019
<u>26</u>	Amendment	Mandatory exhaust & restrictor – Mini	62	01 January 2020
<u>27</u>	Variant	Alternative wiring loom	64	01 January 2020
<u>28</u>	Variant	Alternative conrod and thrust washer	65	01 January 2020
<u>29</u>	Amendment	Crankshaft & main bearing dimensions	67	01 January 2020
<u>30</u>	Variant	Alternative marking, seat and needle	68	01 January 2021
<u>31</u>	Variant	Alternative radiator support	69	01 January 2021
<u>32</u>	Amendment	Alternative wiring loom details	70	01 January 2021
<u>33</u>	Variant	New logo markings	72	01 January 2021
<u>34</u>	Amendment	Crankshaft dimensions with alternative roller main bearings	73	01 January 2021
<u>35</u>	Amendment	New mandatory exhaust silencer	74	01 January 2021

Last updated: 01 January 2021





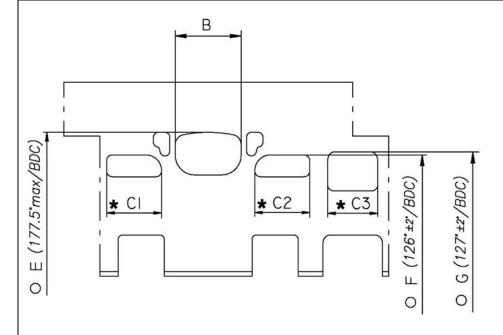
1.0 FEATURES			
Cylinder volume	123.67 cm³	Bore	54 mm
Max. theoretical bore	54.28 mm	Stroke	54 mm max.
Cooling system	Water	Inlet system	Reed valve
Tillotson Carburettor	HW-27A Ø27mm	Number of piston rings	1
Cylinder/crankcase transfers	3	Inlet/exhaust ports	3
Combustion chamber shape	Spherical	Distance between Conrod centers	102 mm
Small end conrod ball- bearing diameter	14x18x17.5	Big end conrod ball-bearing diameter	20x26x15
Crankshaft ball-bearing diameter	30x62x16	Selettra ignition	Digital
RPM limiter	Yes	Generator for battery charging	Yes
Balancing shaft	Yes	Electric starter	Yes



2.0 MATERIAL		3.0 PISTON
Conrod material	Steel	Ring incl.
Crankshaft material	Steel	62.8±0.3
Balancing shaft material	Steel	62.7
Gears material	Steel	27 ~
Starter ring material	Steel	Piston min. weight (ring incl.) 128 g
Head material	Aluminium	3.1 DISTANCE BETWEEN CONROD CENTERS
Cylinder material	Aluiminium	15 ±0.2
Liner material	Iron	
Crankcase material	Aluiminium	#0.1 MAX 26 MAX
Piston material	Aluminium	102 ±6
Piston rings material	Iron	
Exhaust muffler material	Sheet-steel	15 ±0.2
Ball-bearings	6206 type	Min. weight 110 g
3.2 CRANKSHAFT SEE App	pendix 29	3.3 BALANCING SHAFT
Piston pin min. weight 28 g Crankpin min. weight 116 g Crankpin min. weight 116 g Complete crankshaft min. weight	44 ±0.2 48.8 ±0.1 47.7 47.7 47.7 47.7 47.7 47.7 47.7	RAW FORGED RAW FORGED 66±0.5 Min. weight 315 g



4.0 CYLINDER DEVELOPMENT

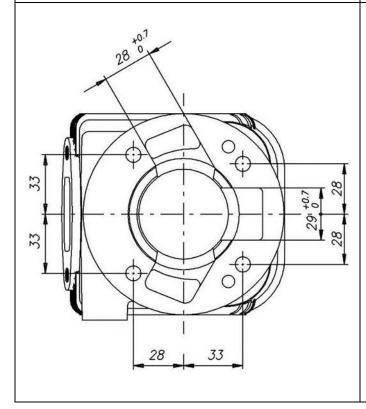


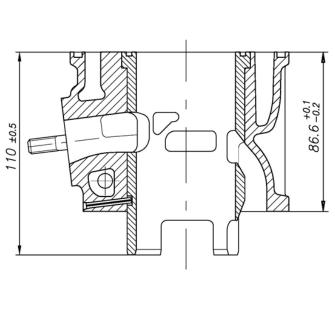
В	≤ 36.5 mm
CI = C2	≤ 30 mm
C3	≤ 28.5 mm
Е	177.5° max
F	126° ± 2°
G	127° ± 2°

- * CHORDAL READING
- O ANGULAR READING BY INSERTING A 0.2X5 mm GAUGE

4.1 CYLINDER BASE VIEW

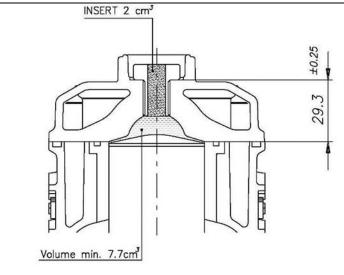
4.2 CYLINDER CROSS-SECTION VIEW







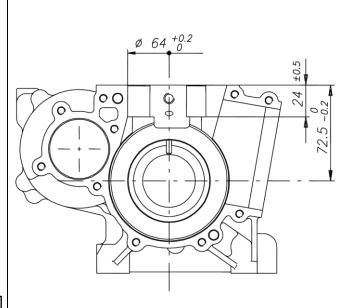
5.0 COMBUSTION CHAMBER VIEW



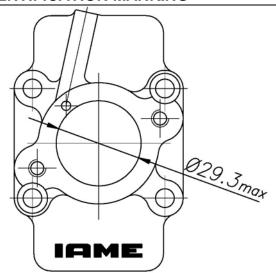
COMBUSTION CHAMBER VOLUME TOT. = 9.7 cm³ min.

SQUISH MIN.= 0.90 mm (measured with Ø1.6mm TIN)

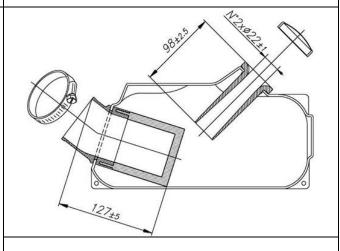
6.0 CRANKCASE INSIDE VIEW



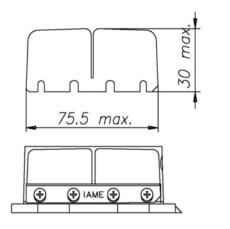
7.0 INLET CONVEYOR DIMENSIONS & IDENTIFICATION MARKING



7.1 INLET SILENCER

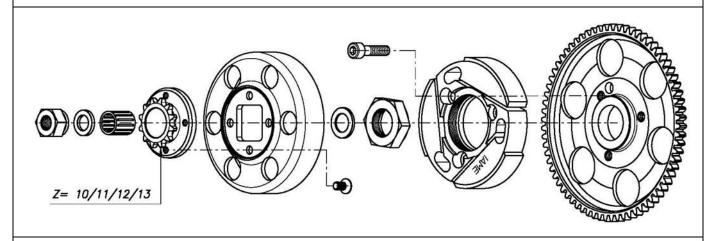


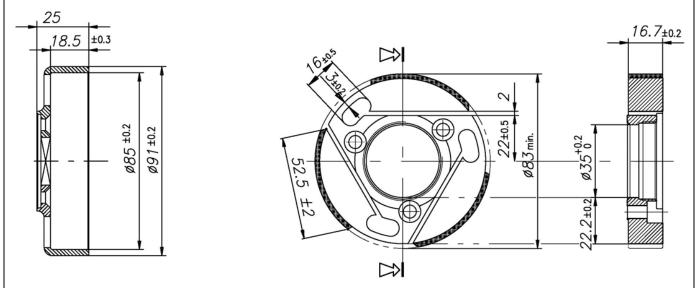
7.2 REED DIMENSIONS

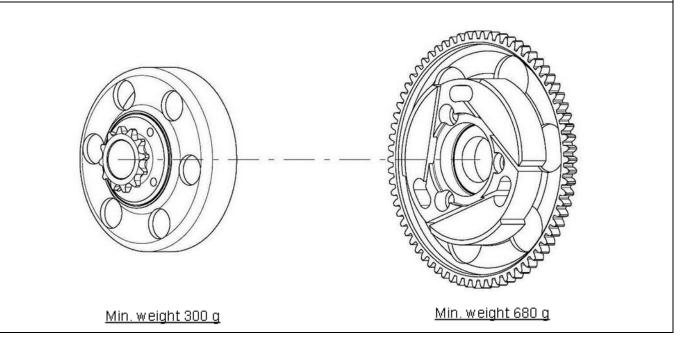




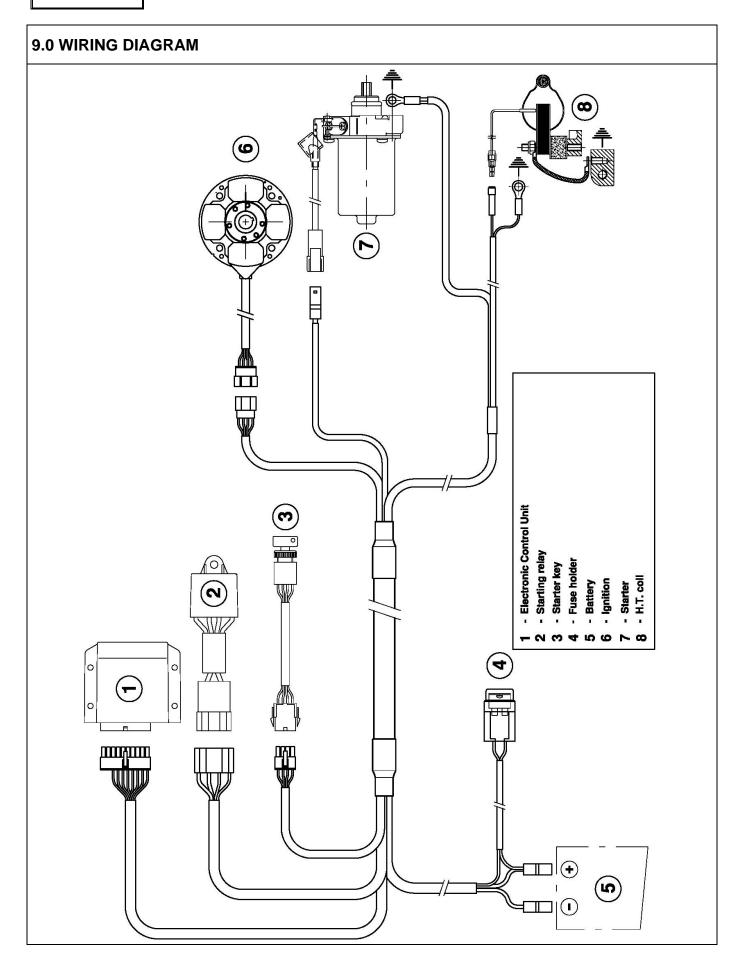
8.0 CLUTCH





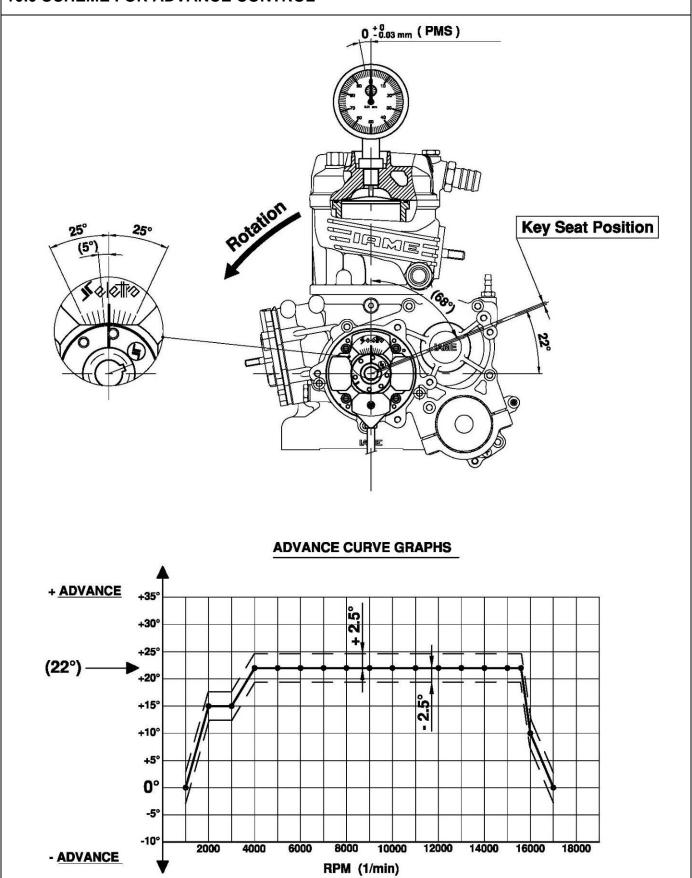






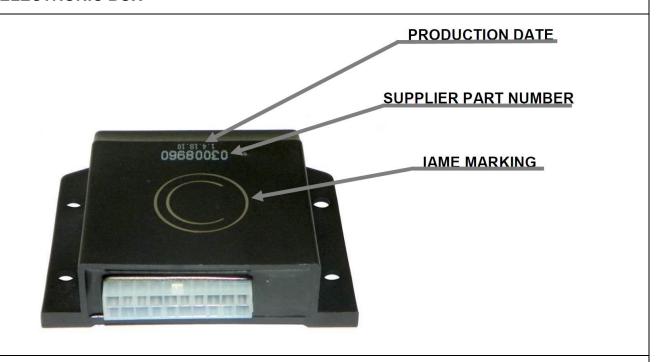


10.0 SCHEME FOR ADVANCE CONTROL

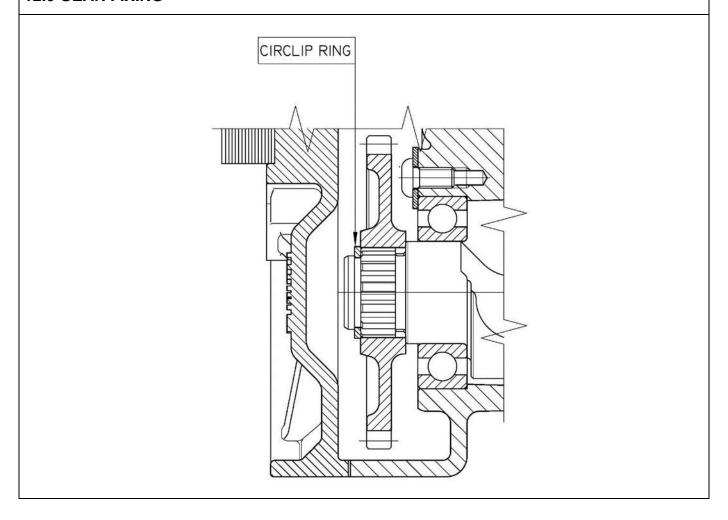




11.0 ELECTRONIC BOX

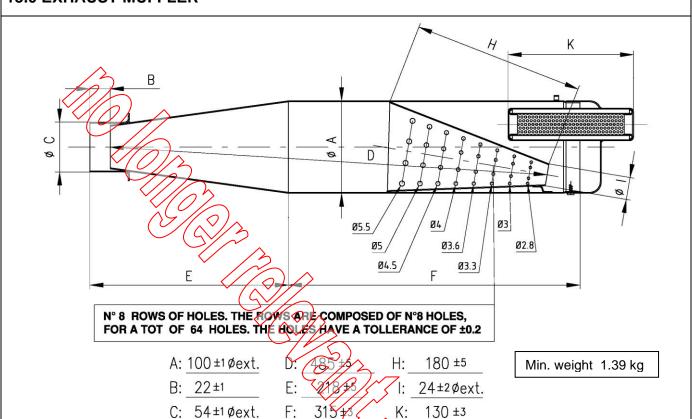


12.0 GEAR FIXING

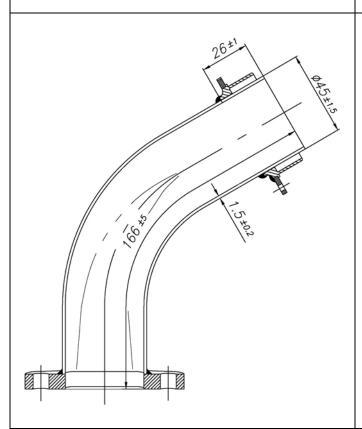




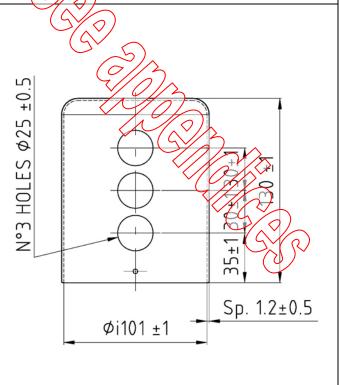
13.0 EXHAUST MUFFLER



13.1 EXHAUST HEADER DIMENSIONS



13.2 EXHAUST END CAN DIMENSIONS

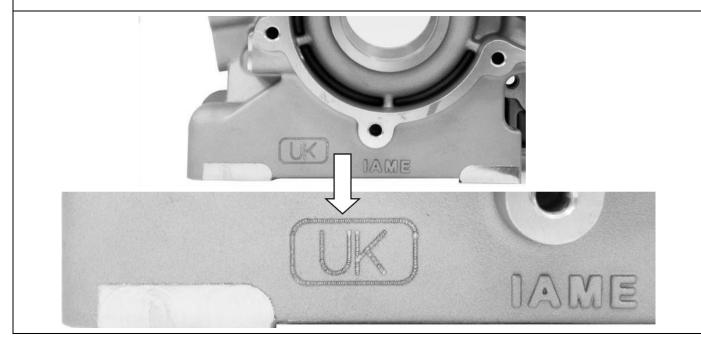




14.0 STICKER APPLICATION AREA

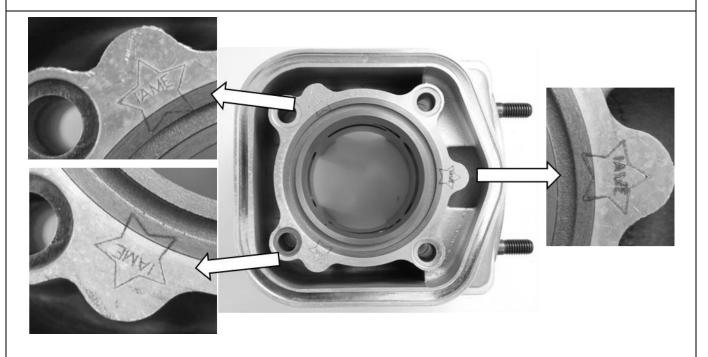


14.1 CRANKCASE IDENTIFICATION MARKING

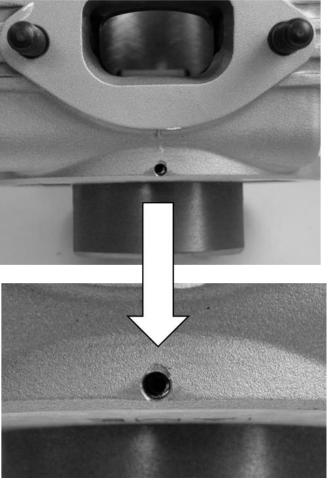




14.2 CYLINDER IDENTIFICATION MARKING

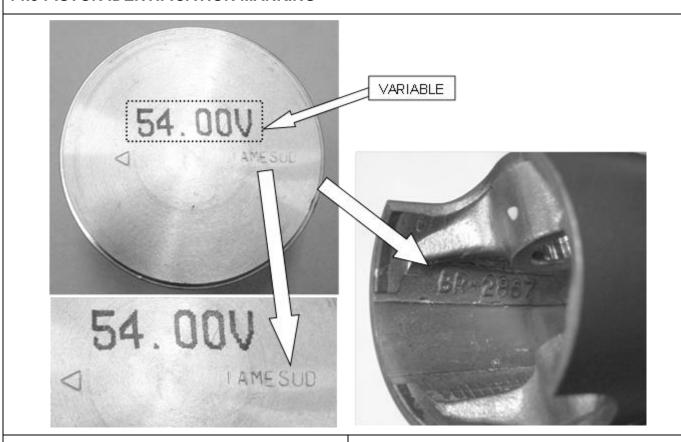




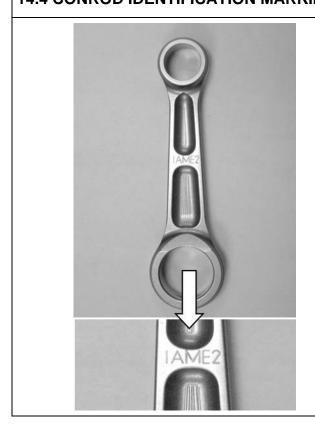




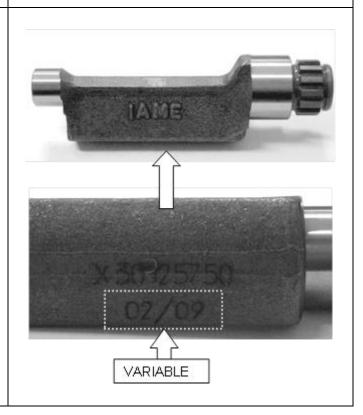
14.3 PISTON IDENTIFICATION MARKING



14.4 CONROD IDENTIFICATION MARKING

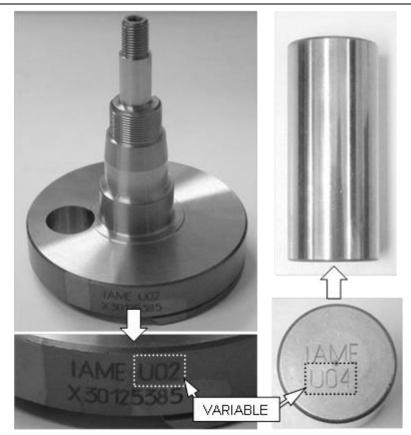


14.5 BALANCING SHAFT ID MARKING



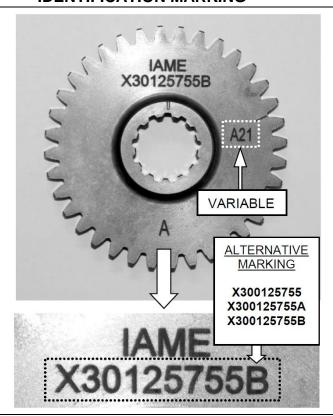


14.6 CRANKSHAFT IDENTIFICATION MARKING

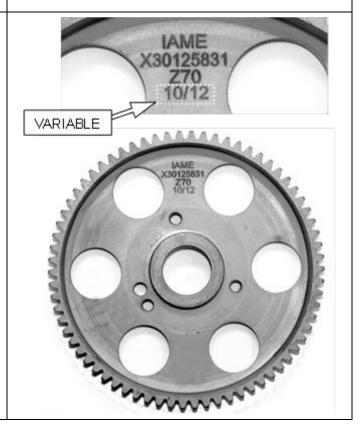




14.7 GEAR COMMAND BALANCING SHAFT IDENTIFICATION MARKING



14.8 STARTER RING ID MARKING





14.9 SPROCKET ID MARKING





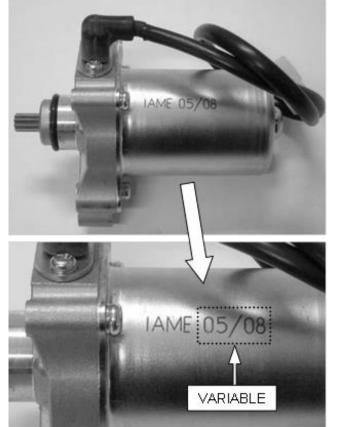
14.10 CLUTCH DRUM ID MARKING



14.11 CLUTCH BODY ID MARKING

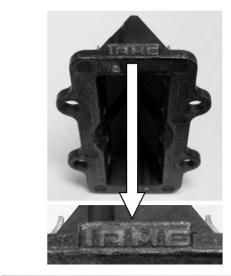




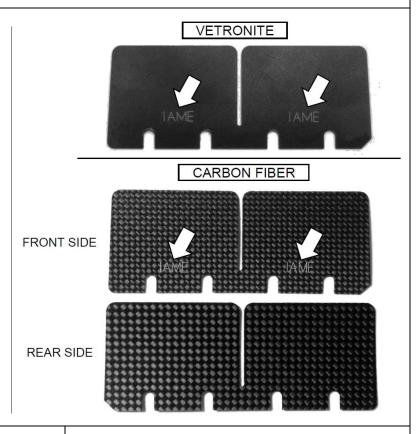




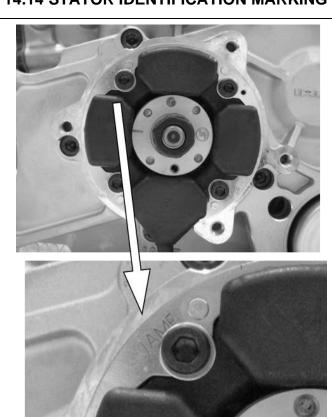
14.13 REED GROUP & PETAL IDENTIFICATION MARKING







14.14 STATOR IDENTIFICATION MARKING



14.15 EXHAUST IDENTIFICATION MARKING





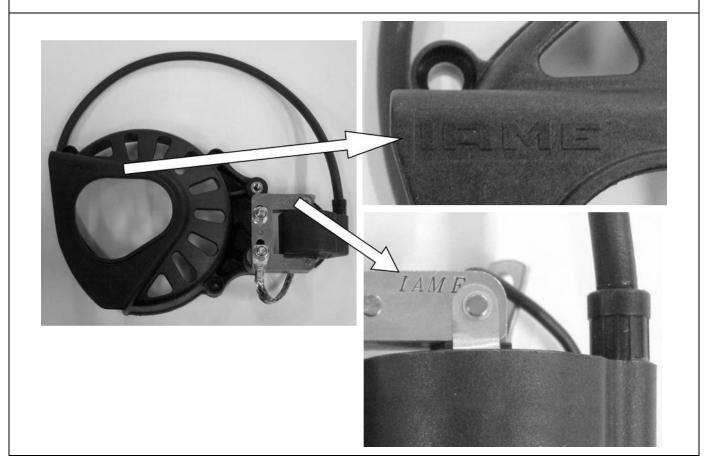
14.16 EXHAUST HEADER ID MARKING



no longer relevant see apendices

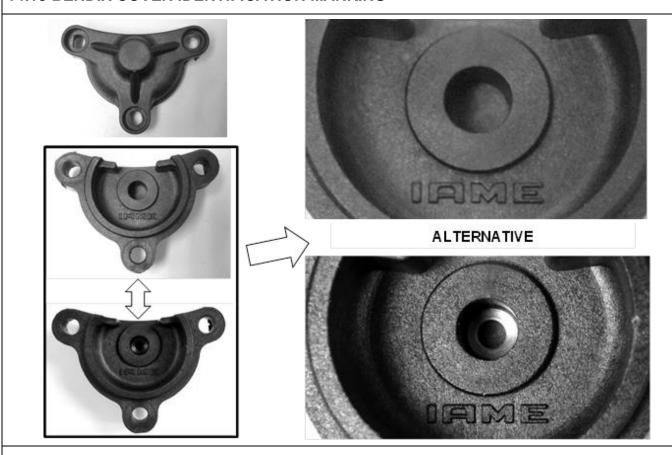


14.17 CLUTCH COVER & H.T. COIL IDENTIFICATION MARKING





14.18 BENDIX COVER IDENTIFICATION MARKING



14.19 EXHAUST END CAN IDENTIFICATION MARKING





Appendix 1

HOMOLOGATION OF KART ENGINE – SUPPLEMENT JUNIOR

Category	IAME X30 JUNIOR
Manufacturer	IAME
Model	X30 125cc RL TaG - UK
Valid From	01 January 2014
Number of pages	2

SIGNATURE AND STAMP OF THE MSA			
	Date:	18 December 2013	
IVISA	Signed by:	Joe Hickerton	
	Position:	MSA Technical Administrator	

TECHNICAL INFORMATION

All parts of the preceding **IAME X30** engine fiche are applicable and remain unchanged with the exception and/or addition of the following points:

13.1 EXHAUST HEADER DIMENSIONS 14.20 EXHAUST HEADER WITH JUNIOR RESTRICTOR ID MARKING Note: Silver finish for Junior



15.0 RADIATOR DESCRIPTION 15.1 RADIATOR PHOTOGRAPHS PAINTED AND NOT PAINTED 186 N° 16 CORES FRONT REAR

16.0 WATER PUMP GROUP

16.1 THERMOSTAT ID MARKING





Appendix 2

HOMOLOGATION OF KART ENGINE – SUPPLEMENT CARBURETTOR

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	Tillotson Ltd.
Model	HW-27A
Valid From	01 January 2014
Number of pages	5

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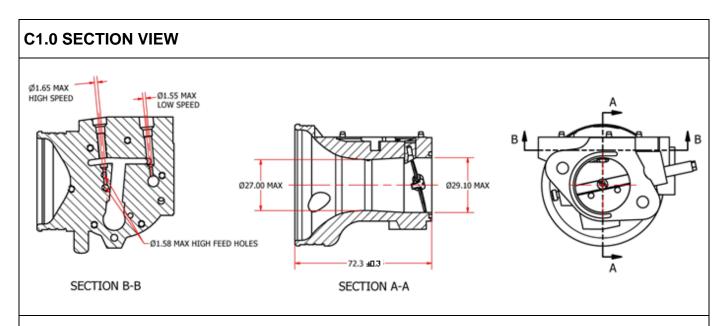


Date: 18 December 2013
Signed by: Joe Hickerton
Position: MSA Technical Administrator

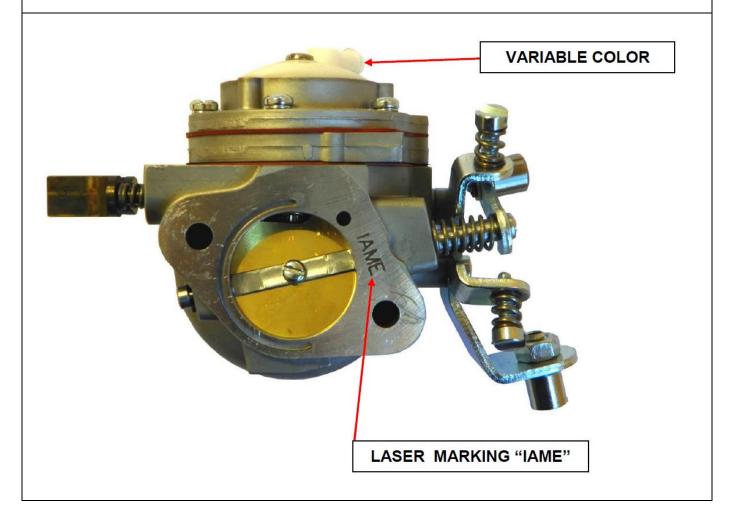
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TECHNICAL INFORMATION

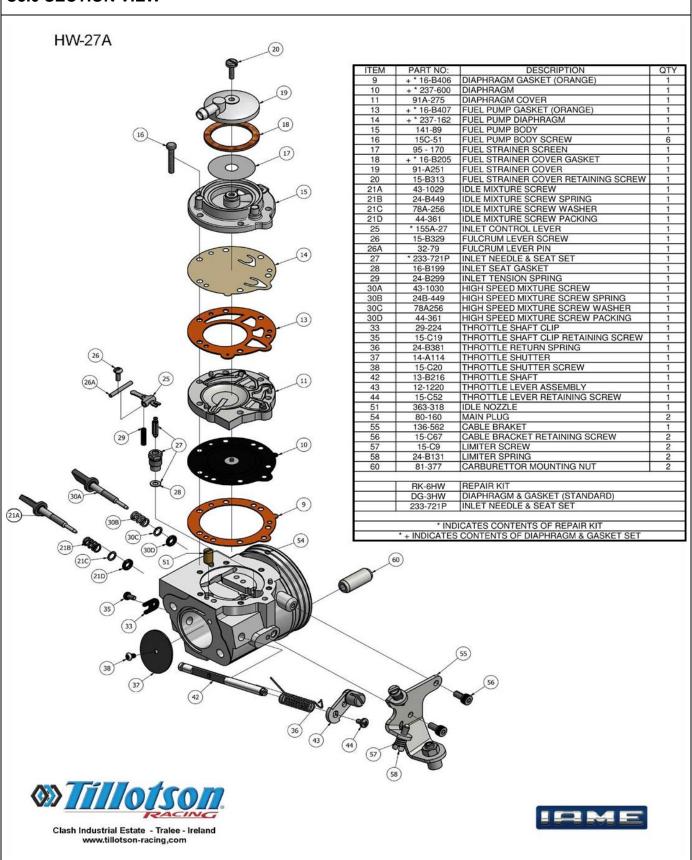


C2.0 CARBURETTOR MARKING





C3.0 SECTION VIEW





C4.0 CARBURETTOR COMPONENTS

REF.9 - P. N°16-B406 DIAPHRAGM GASKET (ORANGE COLOR)



Thickness = $0.5 \pm 0.1 \text{ mm}$

REF.10 - P. N°237-600 DIAPHRAGM



Thickness = $0.13 \pm 0.07 \text{ mm}$

REF.11 - P. N° 91-A275 DIAPHRAGM COVER



Thickness = 6.75 ± 0.15 mm

REF.13 - P. N° 16-B407 PUMP DIAPHRAGM GASKET (ORANGE COLOR)



Thickness = $0.8 \pm 0.1 \text{ mm}$

REF.14 - P. N°237-162 PUMP DIAPHRAGM



Thickness = $0.10 \pm 0.063 \text{ mm}$

REF.15 - P. N° 141-89 PUMP COVER



Thickness = 12.5 ± 0.15 mm



C4.0 CARBURETTOR COMPONENTS (continued) REF.27 - P. N° 233-721P REF.37 - P. N° 14-A114 THROTTLE SHUTTER SEAT + NEEDLE 4.09 ±0.05 28.95 ±0.1 Ø1.35±0.1 28.6 ±0.1 +0 17.0 ±0. Ø3.75 max 2.26 ±0.10 Thickness = $0.81 \pm 0.1 \text{ mm}$ REF.21A - P. N° 43-1029 REF.30A - P. N° 43-1030 **NEEDLE LOW SPEED NEEDLE HIGH SPEED** 52.2 ±0.25 52.2 ±0.25

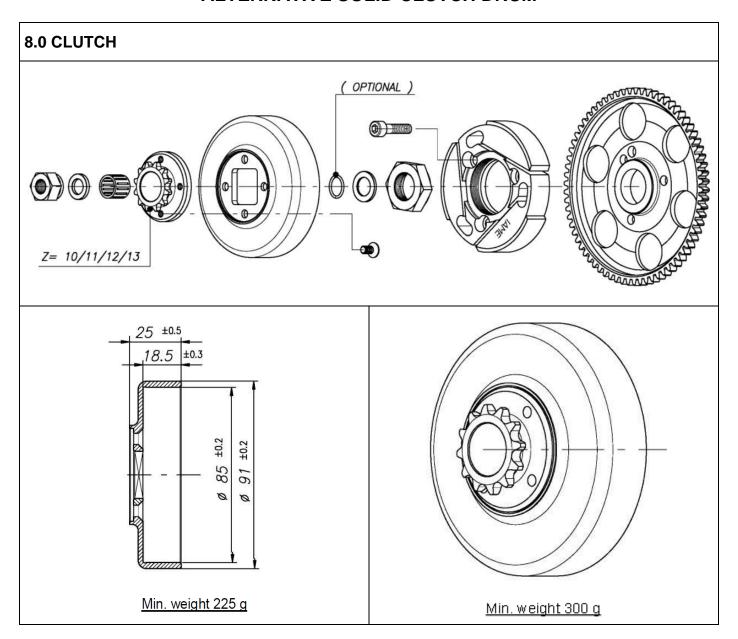


Appendix 3

HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2015
Number of pages	2

ALTERNATIVE SOLID CLUTCH DRUM







END

Date: 09 October 2014

Signed by: Joe Hickerton

Position: MSA Technical Administrator

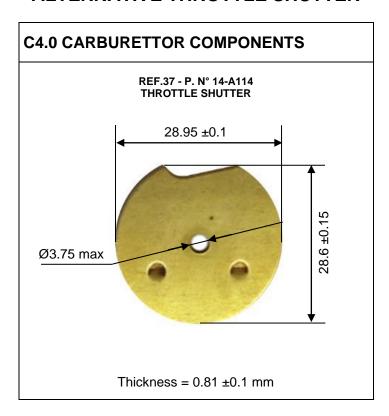


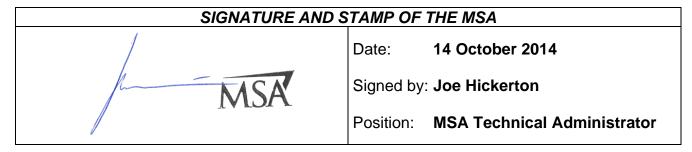
Appendix 4

HOMOLOGATION OF KART ENGINE – VARIANT CARBURETTOR

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	Tillotson Ltd
Model	HW-27A
Valid From	01 January 2015
Number of pages	1

ALTERNATIVE THROTTLE SHUTTER



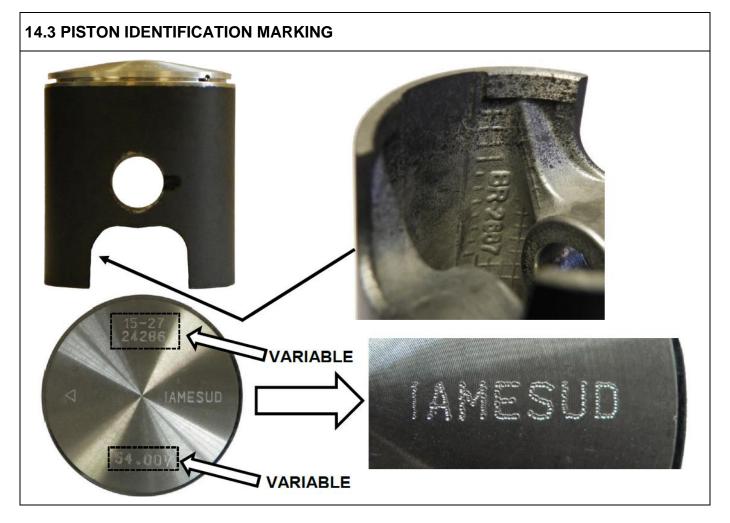




Appendix 5 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2016
Number of pages	1

ALTERNATIVE PISTON MARKINGS



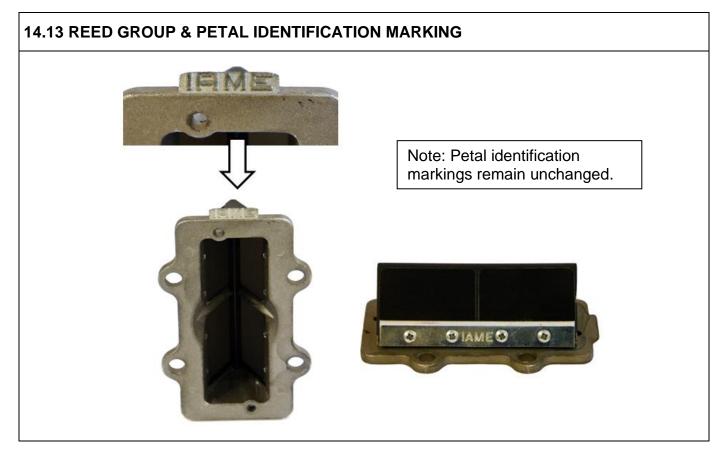
SIGNATURE AND STAMP OF THE MSA			
	Date:	24 September 2015	
MSA	Signed by:	Joe Hickerton	
	Position:	MSA Technical Administrator	

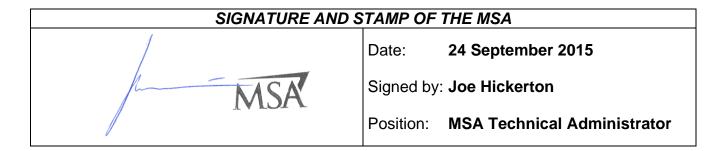


Appendix 6 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2016
Number of pages	1

ALTERNATIVE REED VALVE MARKINGS



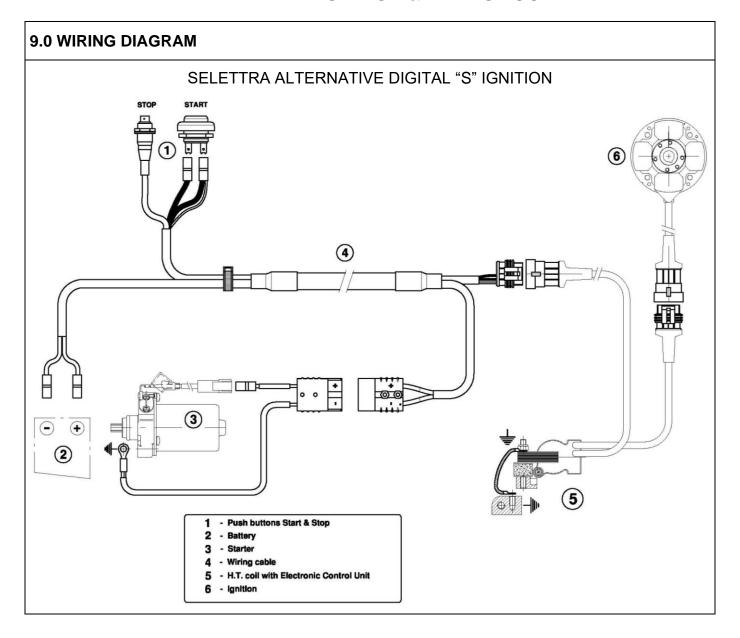




Appendix 7 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2016
Number of pages	2

ALTERNATIVE IGNITION & WIRING LOOM

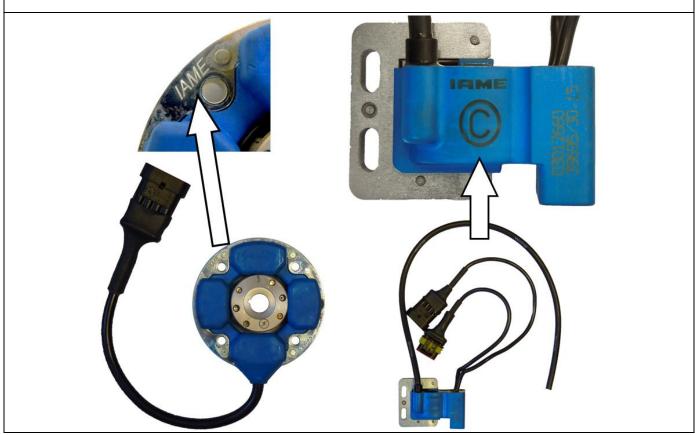




9.1 PHOTO OF COMPLETE WIRING LOOM



9.2 PHOTO OF IGNITION WITH MARKING



END

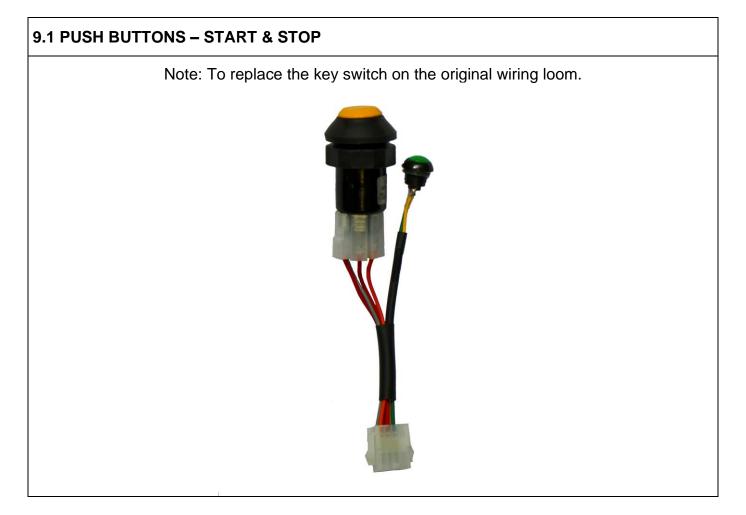
Date: 24 September 2015 Signed by: Joe Hickerton Position: MSA Technical Administrator



Appendix 8 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2016
Number of pages	1

ALTERNATIVE PUSH BUTTONS - START & STOP



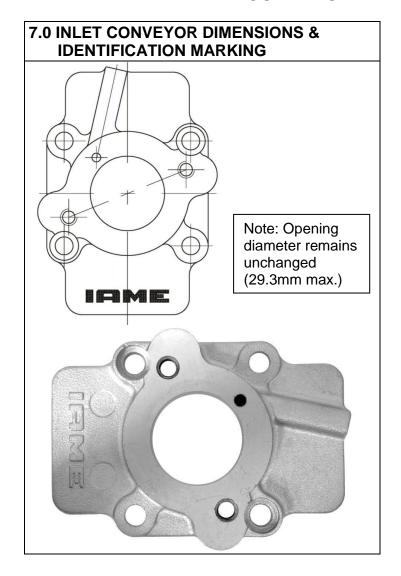
SIGNATURE AND STAMP OF THE MSA				
	Date:	24 September 2015		
IVISA	Signed by:	Joe Hickerton		
	Position:	MSA Technical Administrator		

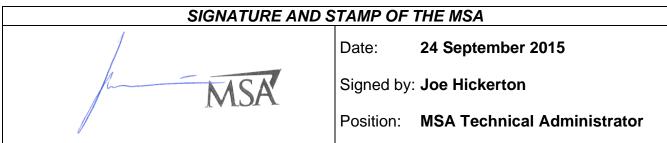


Appendix 9 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2016
Number of pages	1

ALTERNATIVE INLET CONVEYOR



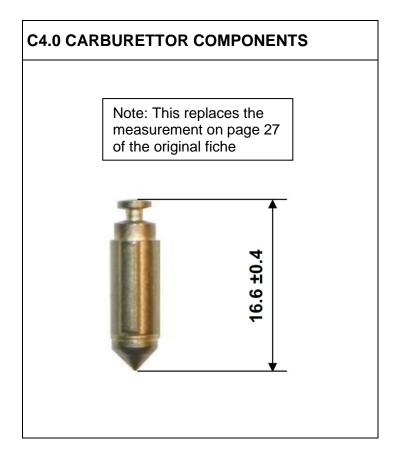


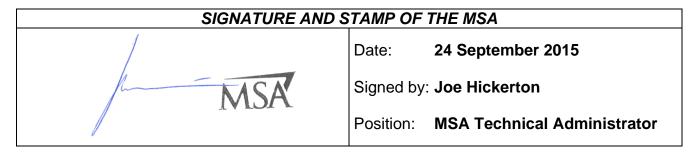


Appendix 10 HOMOLOGATION OF KART ENGINE – AMENDMENT

Category	IAME X30 JUNIOR & SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2016
Number of pages	1

FUEL NEEDLE MEASUREMENT







Appendix 11

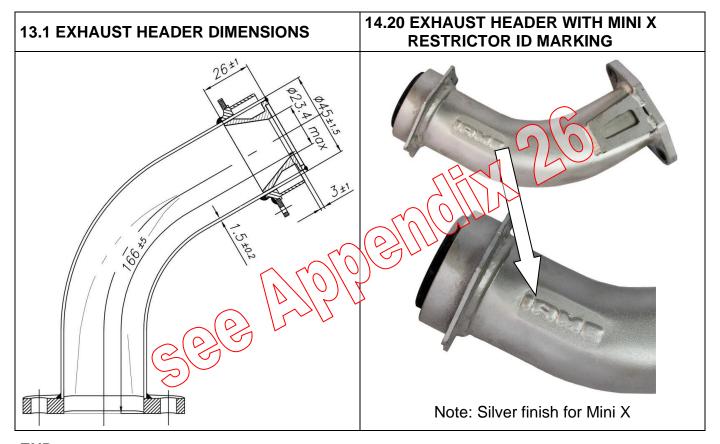
HOMOLOGATION OF KART ENGINE – SUPPLEMENT MINI X

Category	IAME X30 MINI X
Manufacturer	IAME
Model	X30 125cc RL TaG - UK
Valid From	01 January 2017
Number of pages	1

SIGNATURE AND STAMP OF THE MSA		
MSA	Date:	01 January 2017
	Signed by	: Joe Hickerton
	Position:	MSA Technical Manager

TECHNICAL INFORMATION

All parts of the preceding **IAME X30** engine fiche and **IAME X30 Junior** supplement (appendix 1) are applicable and remain unchanged with the exception and/or addition of the following points:





Appendix 12

HOMOLOGATION OF KART ENGINE – SUPPLEMENT MINI X CARBURETTOR

Category	IAME X30 MINI X
Manufacturer	Tillotson Ltd.
Model	HW-34A
Valid From	01 January 2017
Number of pages	5

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Photo of adjusting side Photo of inlet side

SIGNATURE AND STAMP OF THE MSA

MSA

Date: 01 January 2017

Signed by: Joe Hickerton

Position: MSA Technical Manager

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TECHNICAL INFORMATION

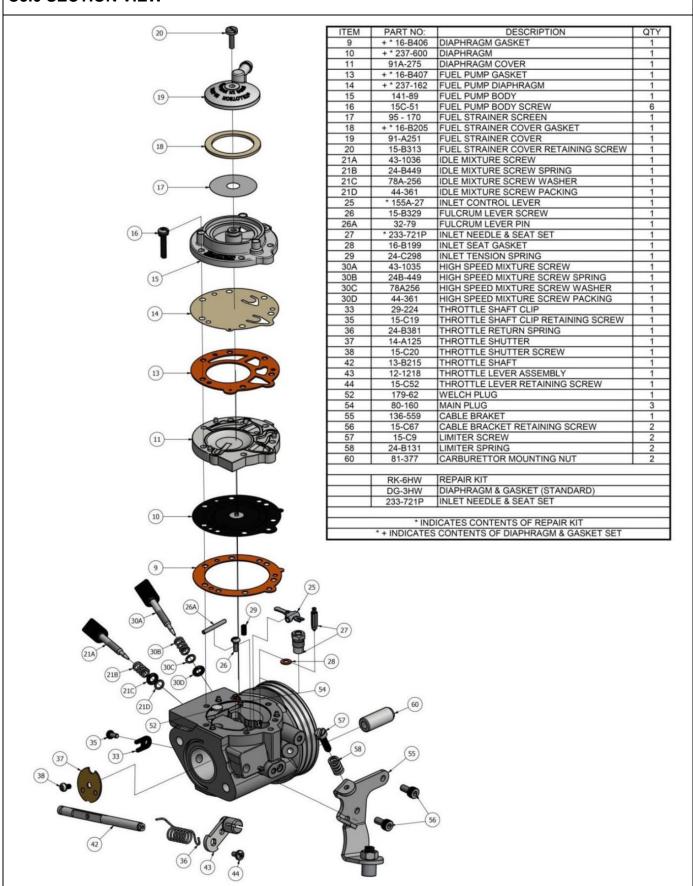
C1.0 SECTION VIEW O1.15 O95 MAX O1.85 MAX O1.85 MAX O1.00 MAX O1.00 MAX O1.10 MAX SECTION A-A

C2.0 CARBURETTOR MARKING





C3.0 SECTION VIEW





C4.0 CARBURETTOR COMPONENTS

REF.9 - P. N°16-B406 DIAPHRAGM GASKET (ORANGE COLOR)



Thickness = $0.5 \pm 0.1 \text{ mm}$

REF.10 - P. N°237-600 DIAPHRAGM



Thickness = $0.13 \pm 0.07 \text{ mm}$

REF.11 - P. N° 91-A275 DIAPHRAGM COVER



Thickness = 6.75 ± 0.15 mm

REF.13 - P. N° 16-B407 PUMP DIAPHRAGM GASKET (ORANGE COLOR)



Thickness = $0.8 \pm 0.1 \text{ mm}$

REF.14 - P. N°237-162 PUMP DIAPHRAGM



Thickness = $0.10 \pm 0.063 \text{ mm}$

REF.15 - P. N° 141-89 PUMP COVER



Thickness = 12.5 ± 0.15 mm



C4.0 CARBURETTOR COMPONENTS (continued) REF.37 - P. N° 14-A125 REF.27 - P. N° 233-721P THROTTLE SHUTTER SEAT + NEEDLE 21.95 ±0.1 4.09 ±0.05 Ť. 20.55 ±0.1 Ø3.75 max 1.70 ±0.10 Thickness = $0.81 \pm 0.1 \text{ mm}$ REF.21A - P. N° 43-1036 REF.30A - P. N° 43-1035 NEEDLE LOW SPEED **NEEDLE HIGH SPEED** 52.50 ±0.3 52.60 ±0.3



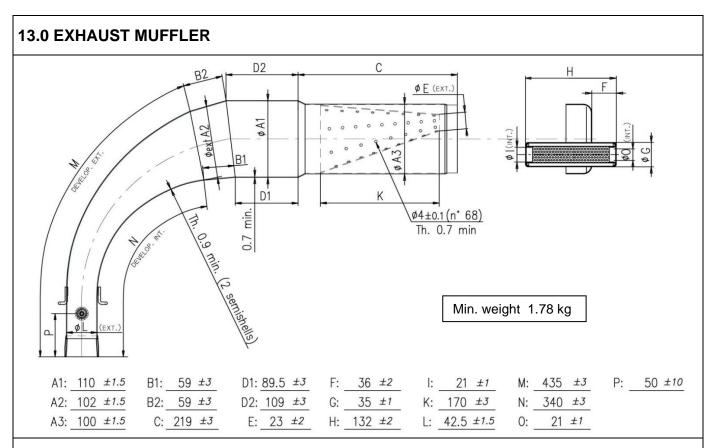
Appendix 13

HOMOLOGATION OF KART ENGINE - AMENDMENT

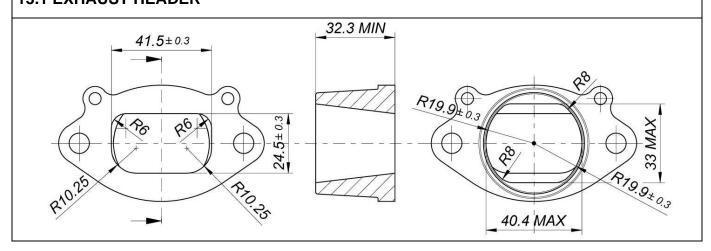
This Appendix fully replaces relevant sections of the main fiche for SENIOR only

Category	IAME X30 SENIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	2

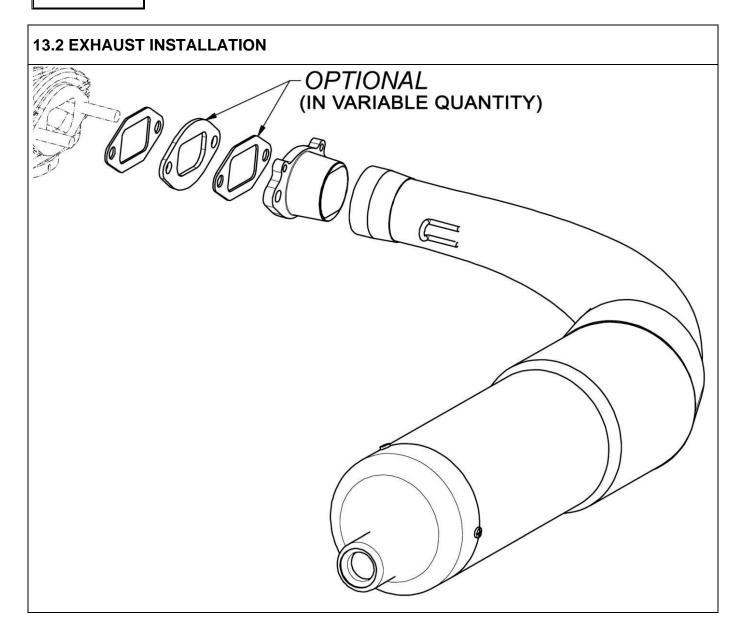
MANDATORY EXHAUST - SENIOR

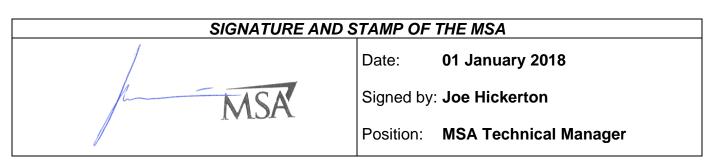


13.1 EXHAUST HEADER







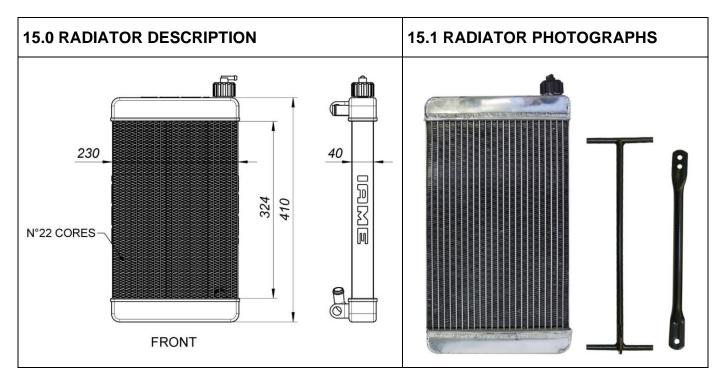




Appendix 14 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	1

ALTERNATIVE LARGE RADIATOR – JUNIOR & MINI X



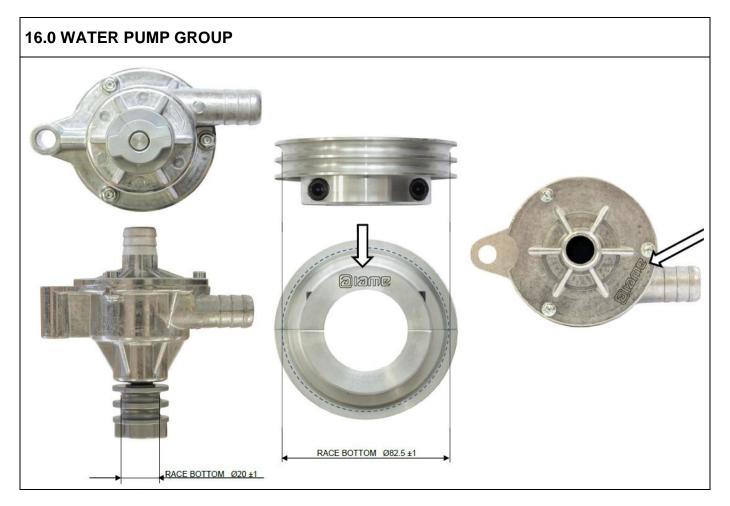
SIGNATURE AND STAMP OF THE MSA	
	Date: 01 January 2018
MSA	Signed by: Joe Hickerton
	Position: MSA Technical Manager



Appendix 15 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR & MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	1

ALTERNATIVE WATER PUMP & PULLEY – JUNIOR & MINI X



SIGNATURE AND STAMP OF THE MSA	
	Date: 01 January 2018
MSA	Signed by: Joe Hickerton
	Position: MSA Technical Manager

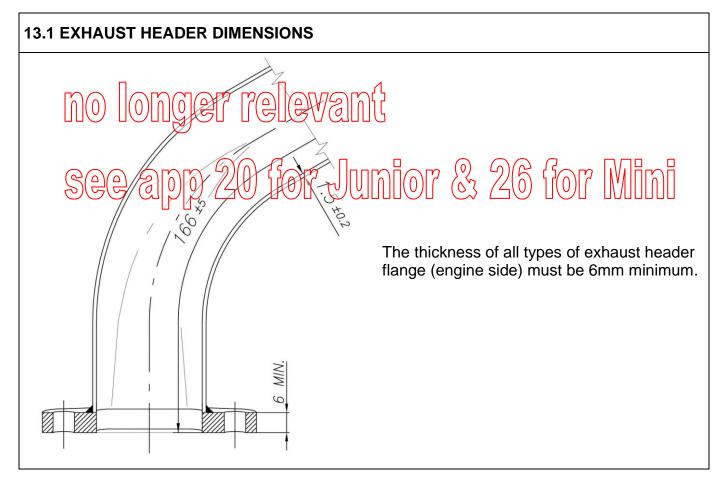


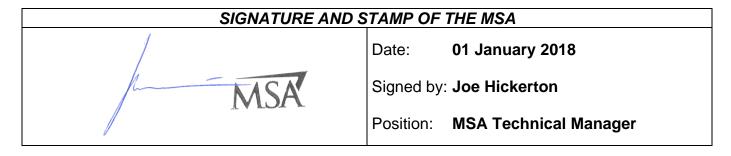
Appendix 16

HOMOLOGATION OF KART ENGINE ADDITIONAL INFORMATION

Category	IAME X30 JUNIOR & MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	1

EXHAUST HEADER FLANGE THICKNESS – JUNIOR & MINI X



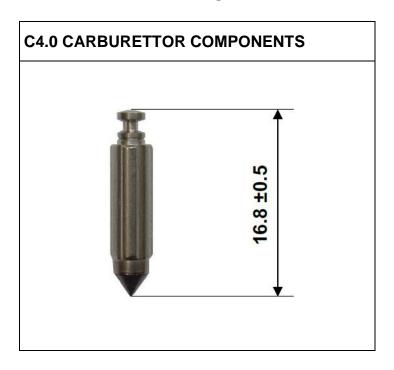




Appendix 17 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 SENIOR & JUNIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	1

ALTERNATIVE FUEL NEEDLE



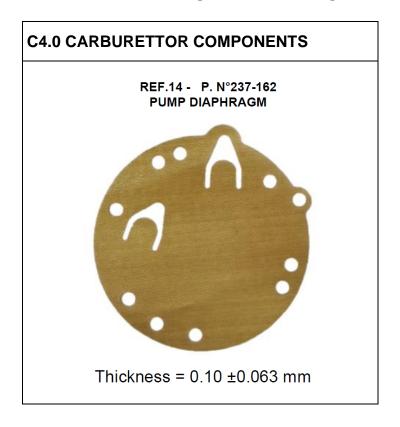
SIGNATURE AND STAMP OF THE MSA	
MSA	Date: 01 January 2018
	Signed by: Joe Hickerton
	Position: MSA Technical Manager



Appendix 18 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 JUNIOR, SENIOR & MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	1

ALTERNATIVE PUMP DIAPHRAGM



SIGNATURE AND STAMP OF THE MSA	
	Date: 01 January 2018
MSA	Signed by: Joe Hickerton
	Position: MSA Technical Manager



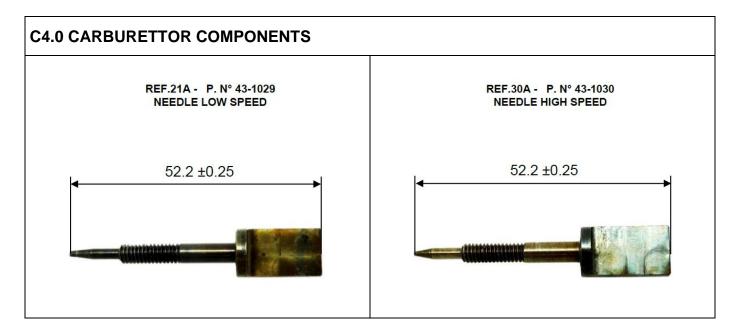
Appendix 19

HOMOLOGATION OF KART ENGINE - AMENDMENT

This Appendix fully replaces relevant section of Appendix 2

Category	IAME X30 SENIOR & JUNIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2018
Number of pages	2

LOW AND HIGH SPEED NEEDLE CORRECTION



SIGNATURE AND STAMP OF THE MSA		
	Date: 0	1 January 2018
MSA	Signed by: Jo	oe Hickerton
A V ROA E	Position: M	ISA Technical Manager

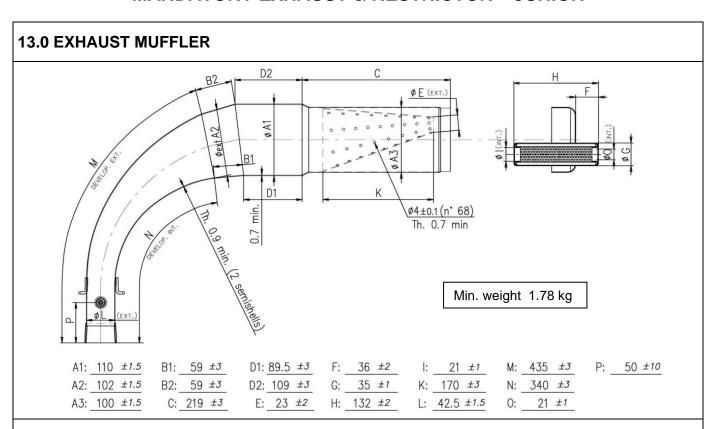


HOMOLOGATION OF KART ENGINE - AMENDMENT

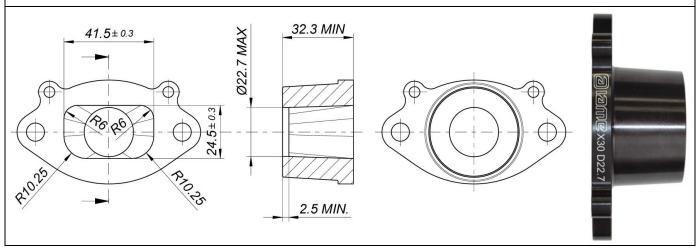
This Appendix fully replaces relevant sections of the main fiche and appendices 1 and 16 for JUNIOR only

Category	IAME X30 JUNIOR
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2019
Number of pages	2

MANDATORY EXHAUST & RESTRICTOR - JUNIOR

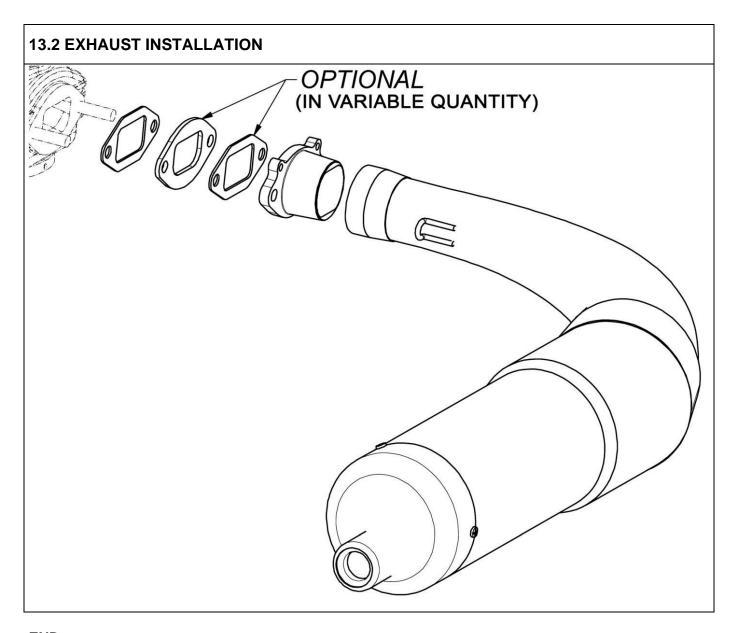


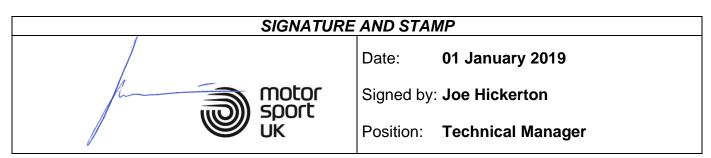
13.1 EXHAUST FITTING AND RESTRICTOR











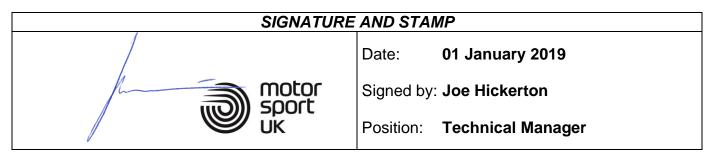


Appendix 21 HOMOLOGATION OF KART ENGINE – VARIANT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2019
Number of pages	1

ALTERNATIVE INLET SILENCER / AIR BOX





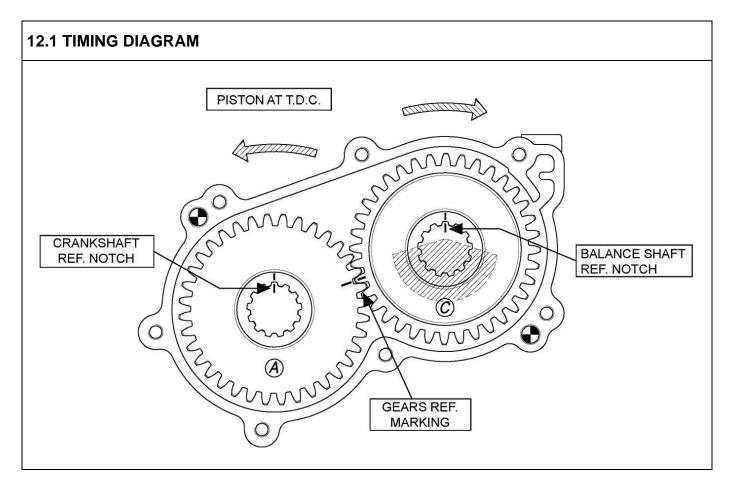


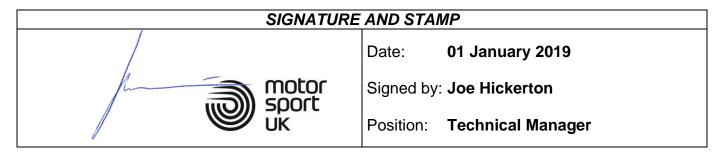


HOMOLOGATION OF KART ENGINE ADDITIONAL INFORMATION

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2019
Number of pages	1

BALANCE SHAFT / GEAR TIMING DIAGRAM





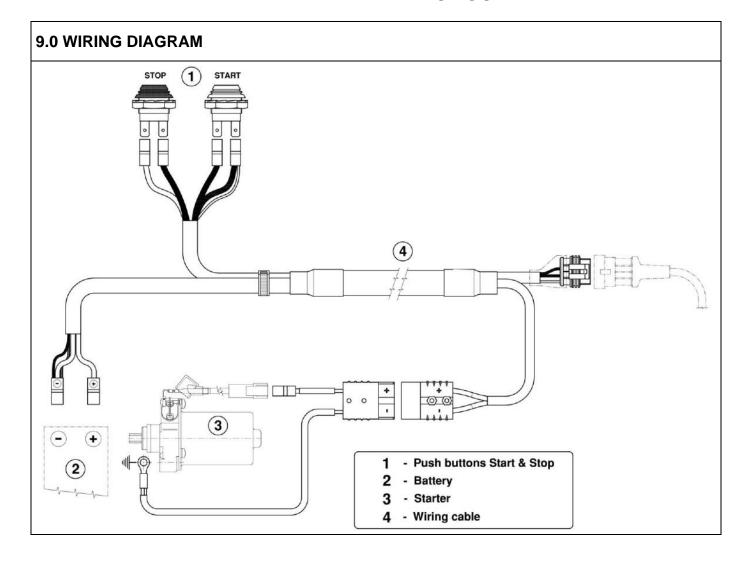




HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2019
Number of pages	2

ALTERNATIVE WIRING LOOM

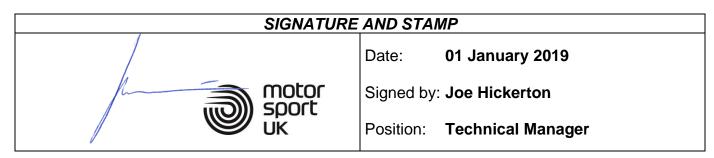






9.1 PHOTO OF COMPLETE WIRING LOOM







Appendix 24 HOMOLOGATION OF KART ENGINE - VARIANT

IAME X30 - ALL CLASSES Category IAME X30 125cc RL TAG - UK

Manufacturer Model 01 January 2019 Valid From Number of pages

ALTERNATIVE SMALL END CONROD BEARINGS



SIGNATURE AND STAMP	
	Date: 01 January 2019
motor sport	Signed by: Joe Hickerton
J Sport	Position: Technical Manager

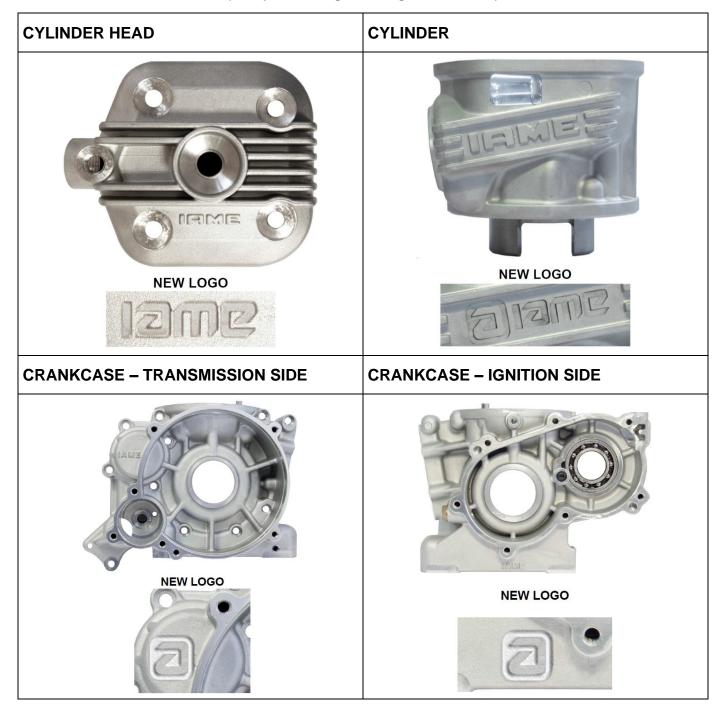


HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2019
Number of pages	3

NEW LOGO MARKINGS

(note previous logo markings remain valid)









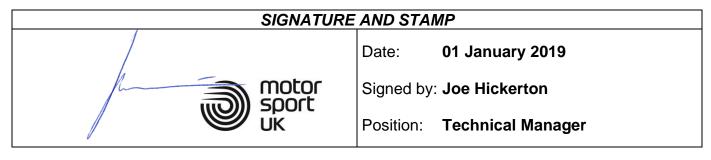


EXHAUST HEADER



NEW LOGO





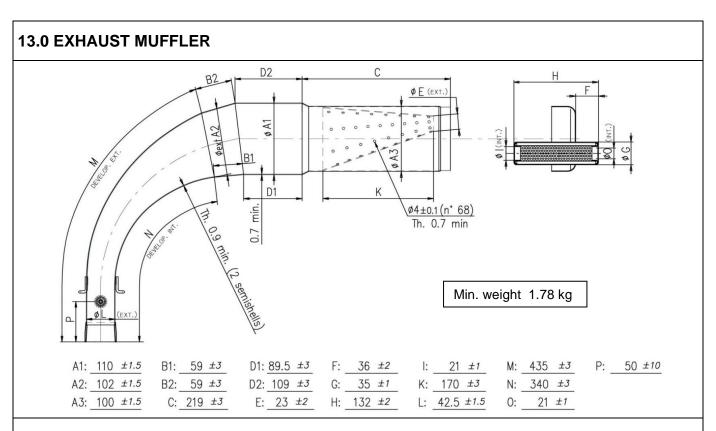


HOMOLOGATION OF KART ENGINE - AMENDMENT

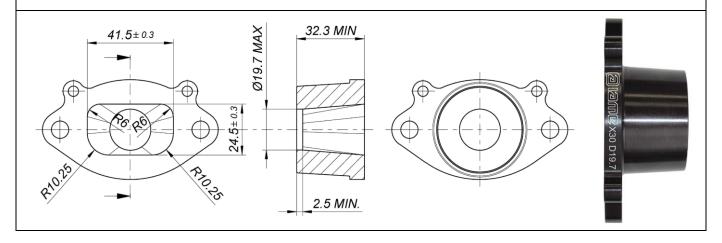
This Appendix fully replaces relevant sections of the main fiche and appendices 11 and 16 for MINI only

Category	IAME X30 MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2020
Number of pages	2

MANDATORY EXHAUST & RESTRICTOR - MINI X

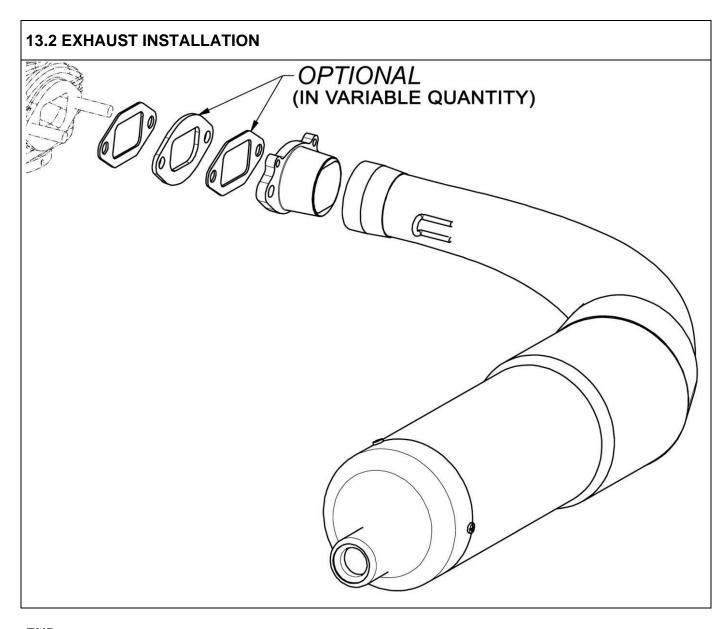


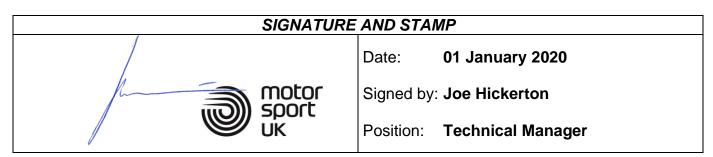
13.1 EXHAUST FITTING AND RESTRICTOR













HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2020
Number of pages	1

ALTERNATIVE WIRING LOOM WITH NEW STOP BUTTON

Wiring diagram is as shown in Appendix 23



SIGNATURE AND STAMP	
	Date: 01 January 2020
motor	Signed by: Joe Hickerton
	Position: Technical Manager

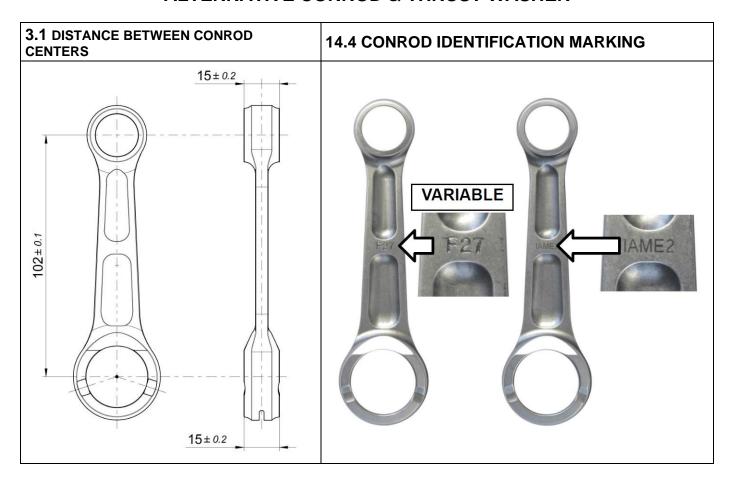




HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2020
Number of pages	2

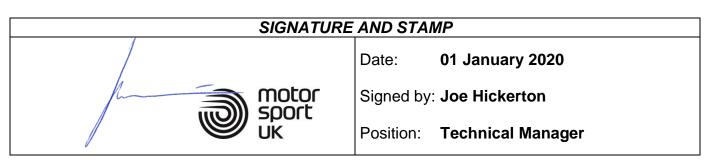
ALTERNATIVE CONROD & THRUST WASHER







Original Alternative Original Alternative



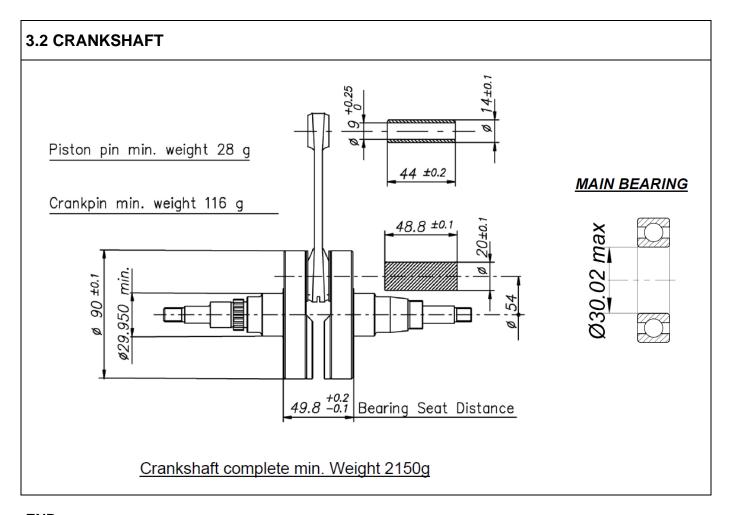


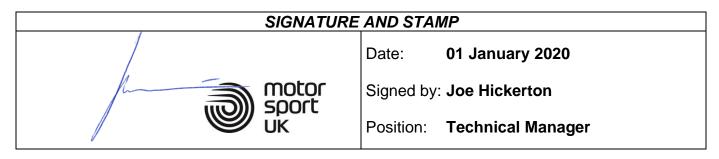
HOMOLOGATION OF KART ENGINE - AMENDMENT

This Appendix fully replaces the relevant section of the main fiche

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2020
Number of pages	1

CRANKSHAFT & MAIN BEARING DIMENSIONS









HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2021
Number of pages	1

ALTERNATIVE MARKING, SEAT AND NEEDLE

SIGNATURE AND STAMP	
	Date: 01 January 2021
motor sport	Signed by: Joe Hickerton
J Sport	Position: Technical Manager



HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 JUNIOR & MINI X
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2021
Number of pages	1

ALTERNATIVE RADIATOR SUPPORT



SIGNATURE AND STAMP	
	Date: 01 January 2021
motor sport	Signed by: Joe Hickerton
	Position: Technical Manager



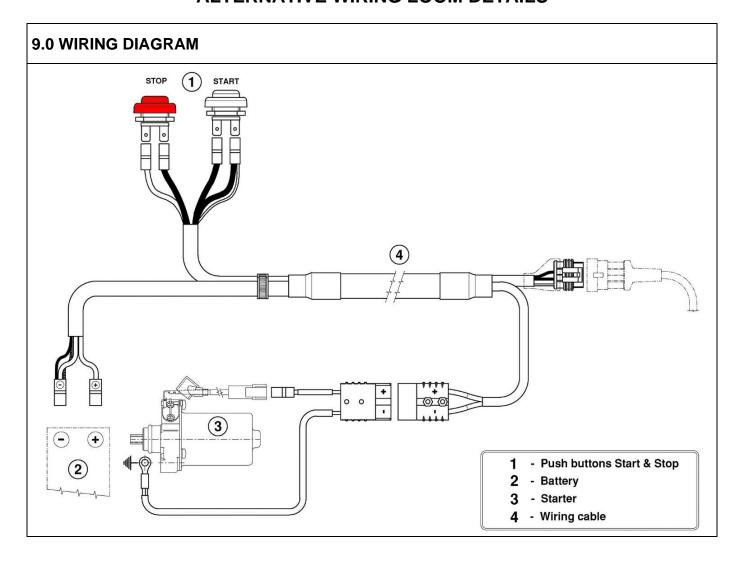


HOMOLOGATION OF KART ENGINE - AMENDMENT

This Appendix fully replaces the relevant sections of appendices 23 and 27

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2021
Number of pages	2

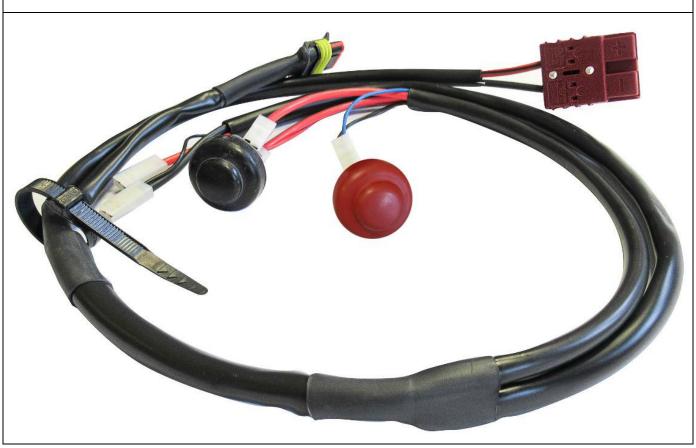
ALTERNATIVE WIRING LOOM DETAILS



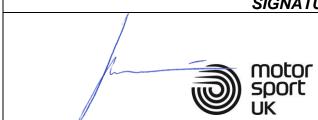




9.1 PHOTO OF COMPLETE WIRING LOOM



END



SIGNATURE AND STAMP

Date: 01 January 2021

Signed by: Joe Hickerton

Position: Technical Manager

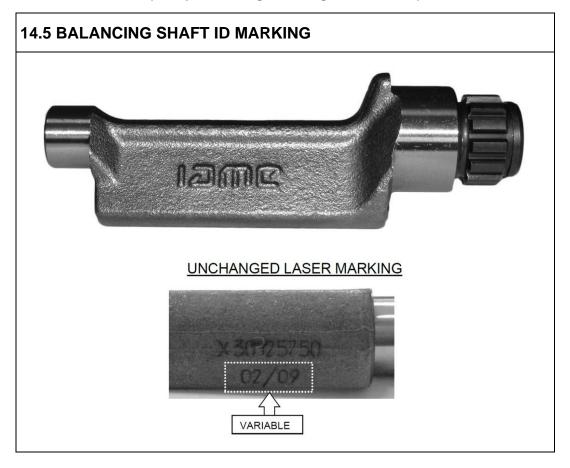


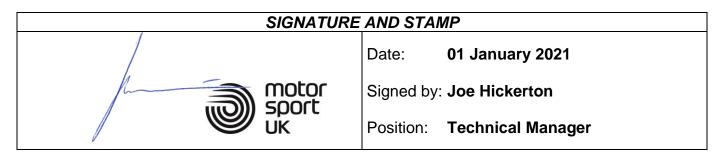
HOMOLOGATION OF KART ENGINE - VARIANT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2021
Number of pages	1

NEW LOGO MARKINGS

(note previous logo markings remain valid)





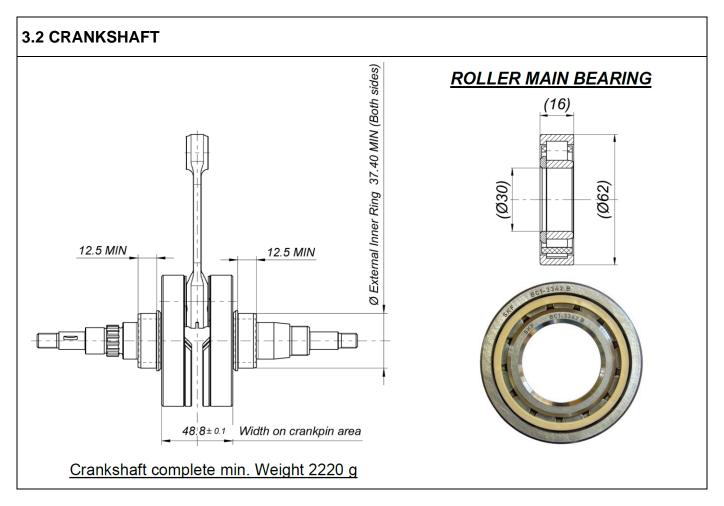


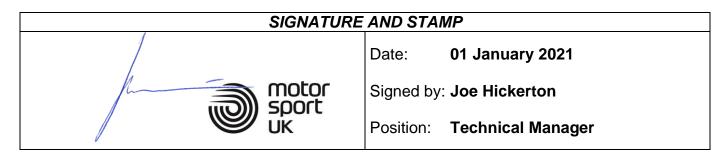


HOMOLOGATION OF KART ENGINE - AMENDMENT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2021
Number of pages	1

CRANKSHAFT DIMENSIONS WITH ALTERNATIVE ROLLER MAIN BEARINGS









HOMOLOGATION OF KART ENGINE - AMENDMENT

Category	IAME X30 – ALL CLASSES
Manufacturer	IAME
Model	X30 125cc RL TAG – UK
Valid From	01 January 2021
Number of pages	1

NEW MANDATORY EXHAUST SILENCER

