

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition in accordance with Appendix J to the International Sporting Code.

Manufacturer ..... DAF  
 Serial N° of chassis .. 5502  
 engine .. B110  
 Recognition is valid from *March 1, 1968* List *1968/4.*

Cylinder-capacity ... 1108 ... cm3 .. 67.61 .. in3  
 Model ..... 55  
 Manufacturer ..... DAF

The manufacturing of the model described in this recognition form was started on .. *sept.* ... 19 67 and the minimum production of .. 1000 .. identical cars, in accordance with the specifications of this form was reached on 13-12-67 .. 19 ..

Photograph A , 3/4 view of car from front



The vehicle described in this form has been subject to the following amendments :

Variants		Normal evolution of the type	
on ..... 19 ..	rec.N° ..... List	on ..... 19 ..	rec.N° ..... List
on ..... 19 ..	rec.N° ..... List	on ..... 19 ..	rec.N° ..... List
on ..... 19 ..	rec.N° ..... List	on ..... 19 ..	rec.N° ..... List
on ..... 19 ..	rec.N° ..... List	on ..... 19 ..	rec.N° ..... List
on ..... 19 ..	rec.N° ..... List	on ..... 19 ..	rec.N° ..... List

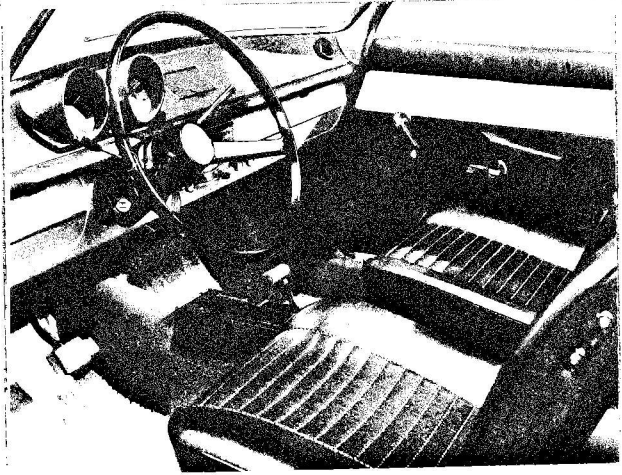
Stamp and signature of the National Sporting Authority

Stamp and signature of the F.I.A.

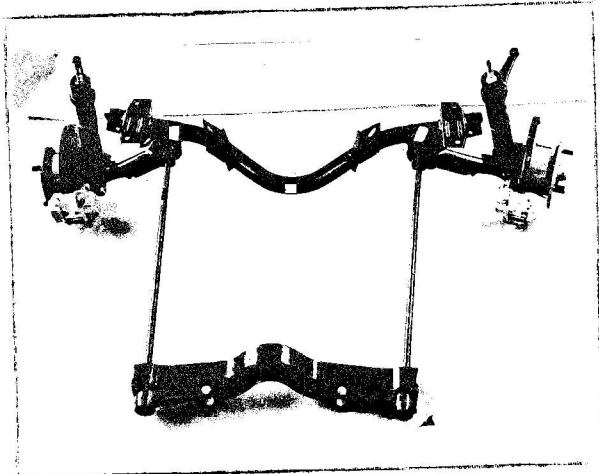
Photograph B , 3/4 view of the car from rear



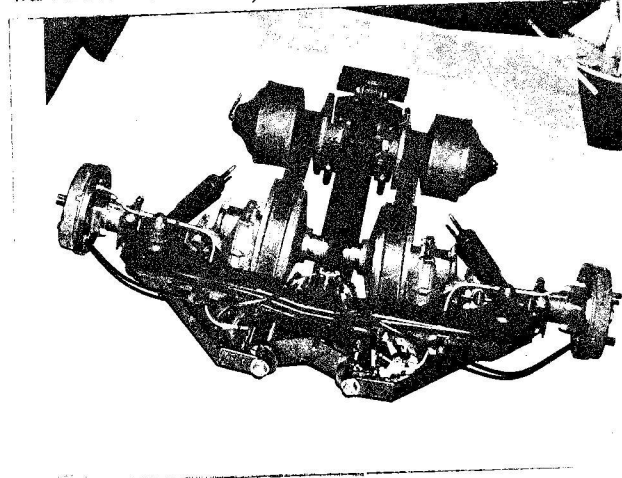
Photograph C , interior view of car through driver's door (open or removed )



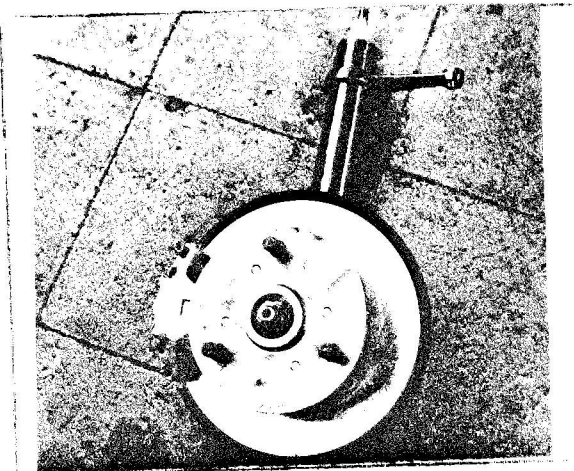
Photograph D, front axle complete, without wheels, removed from the car



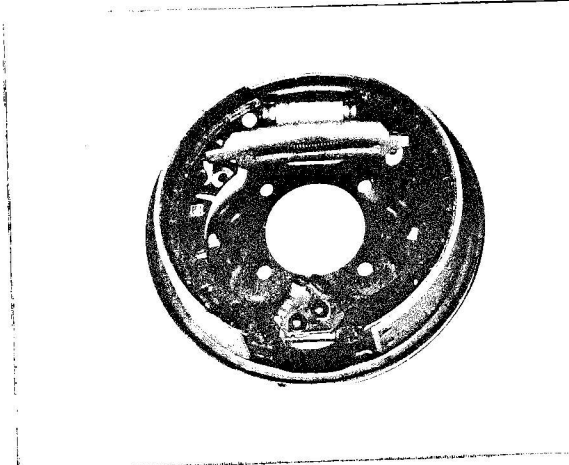
Photograph E, rear axle complete, without wheels, removed from the car.



Photograph F, front brake , drum removed.



Photograph G, rear brake, drum removed.

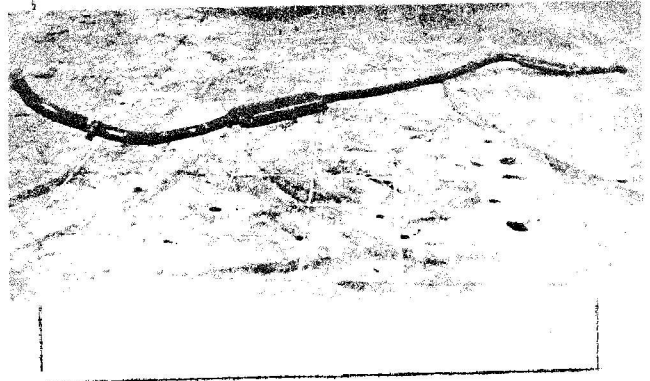


Photograph H

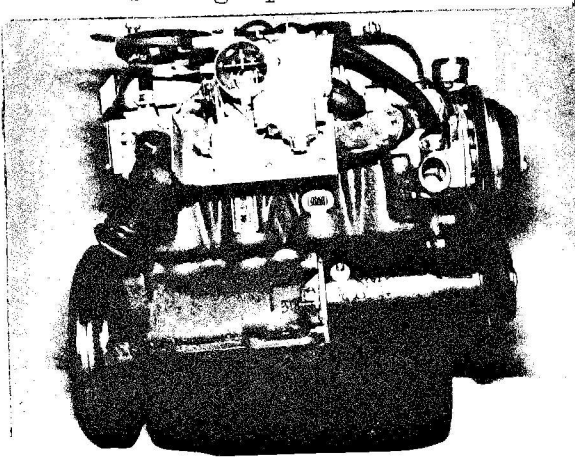
gear-box , view from side.

See photograph E

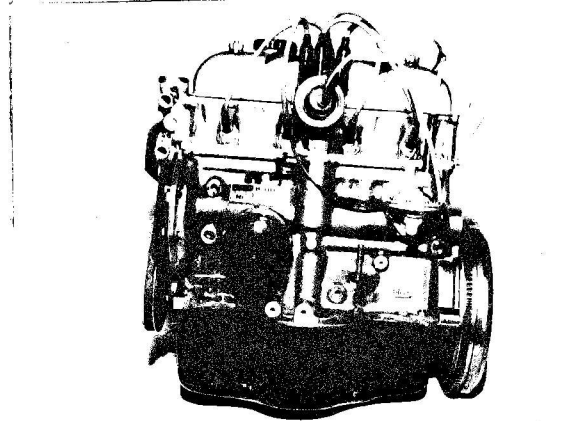
Photograph I



Photograph J

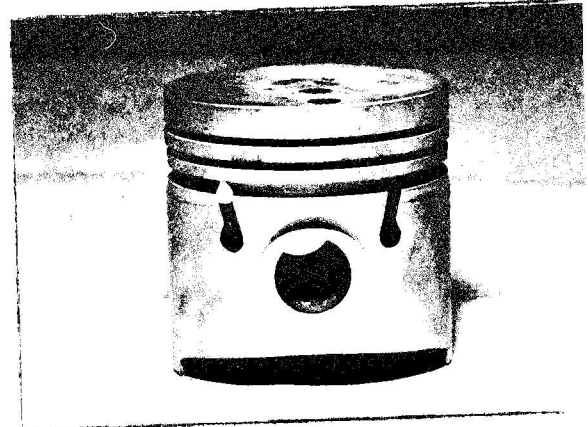
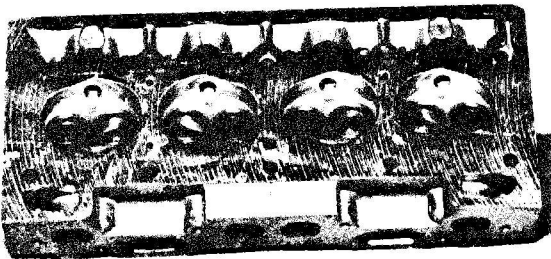


Photograph K



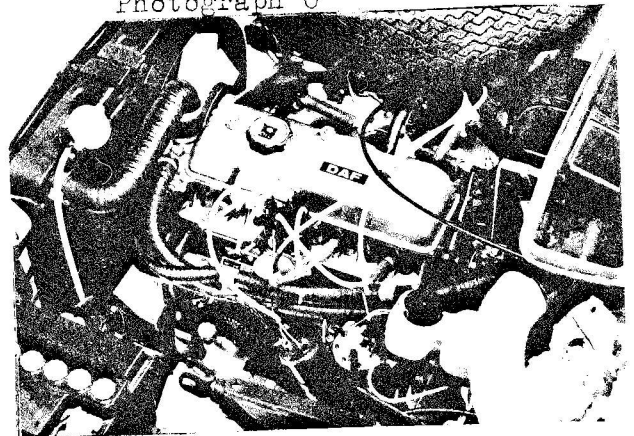
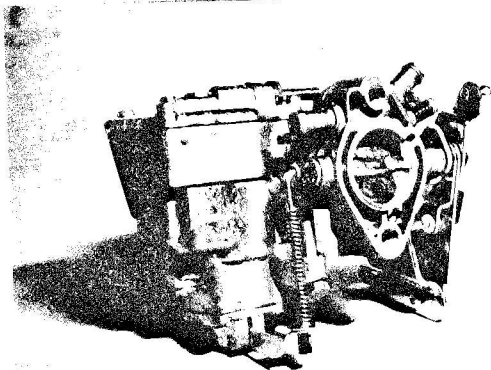
Photograph L

Photograph M

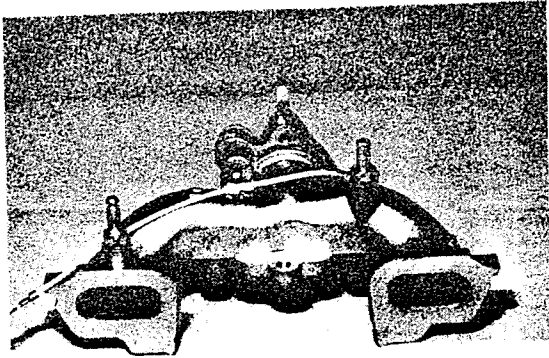


Photograph N

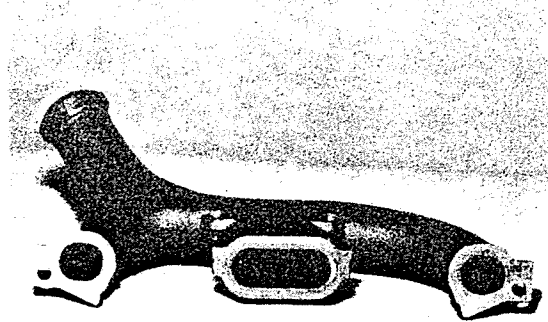
Photograph O



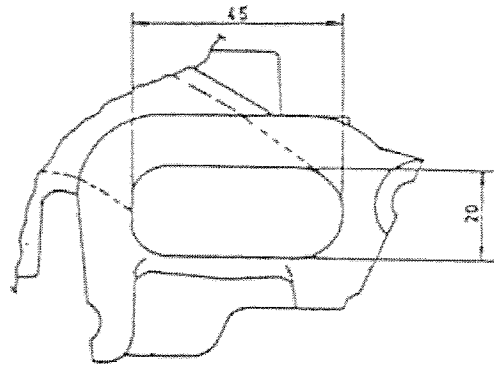
Photograph P



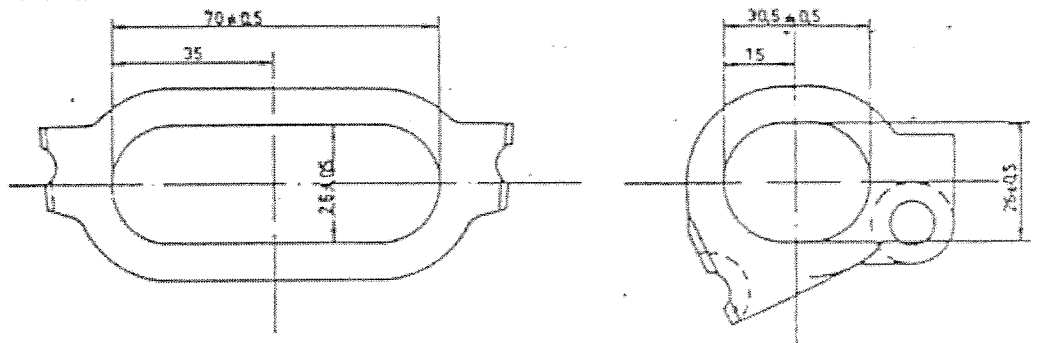
Photograph Q



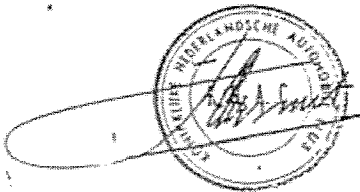
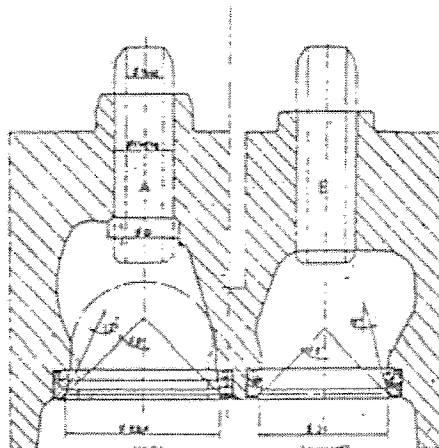
Drawing inlet manifold ports, side of cylinder-head. Indicate scale or dimensions.



Drawing exhaust manifold ports, side of cylinderhead. Indicate scale or dimensions.



Drawing exhaust and inlet ports of cylinder-head. Indicate scale or dimensions.





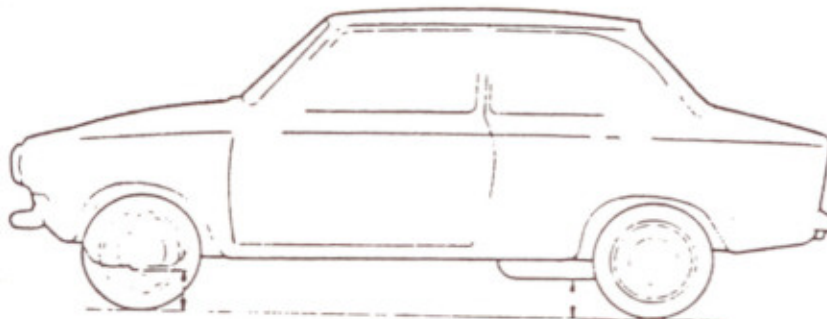
IMPORTANT - the underlined items must be stated in two measuring systems, one of which must be the metric system. See conversion table hereafter.

CAPACITIES AND DIMENSIONS

1. <u>Wheelbase</u>	2250 mm		88.58 inches
2. <u>Front track</u> (with standard tyres fitted)		1280 mm	50.39 inches*
3. <u>Rear track</u> (with standard tyres fitted)		1250 mm	49.21 inches*
4. Overall length of the car	388 cm		152.76 inches
5. Overall width of the car	154 cm		60.62 inches
6. Overall height of the car	138 cm		54.33 inches
7. <u>Capacity of fuel tank</u> (reserve included)		38 litres	
	10 Gallon US		8.4 Gallon Imp.
8. Seating capacity	4-5		
9. <u>Weight</u> , total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools :			
	740 kg	1632 lbs	cwt

\*) Differences in track caused by the use of other tyres must be mentioned hereafter together with the corresponding tyre dimensions. Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concerned.

Lowest part of sump  
195 mm



Lowest part Variomatic cover  
195 mm

CONVERSION TABLE

1 inch/pouce	- 2.54 cm	1 quart US	- 0.9464 litres
1 foot/pied	- 30.4794 cm	1 pint (pt)	- 0.568 litres
1 square inch/pouce carré	- 6.452 cm <sup>2</sup>	1 gallon Imp.	- 4.546 litres
1 cubic inch/pouce cube	- 16.387 cm <sup>3</sup>	1 gallon US	- 3.785 litres
1 pound/livre (lb)	- 453.593 gr.	1 hundred weight (cwt)	- 50.802 kg



CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction : ~~separate~~ / unitary construction
- 21. Unitary construction, material(s) sheet steel
- 22. Material(s) of chassis --
- 23. Material(s) of coachwork --
- 24. Number of doors 2 Material(s) sheet steel
- 25. Material(s) of bonnet steel
- 26. Material(s) of boot lid steel
- 27. Material(s) of rear-window glass securit
- 28. Material(s) of windscreen glass securit BS-I
- 29. Material(s) of front-door windows glass securit
- 30. Material(s) of rear-door windows --
- 31. Sliding system of door windows winding
- 32. Material(s) of rear-quarter light glass securit

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating : yes - ~~no~~      39. Air-conditioning : yes - ~~no~~
- 40. Ventilation : yes - ~~no~~
- 41. Front seats, type of upholstery P.V.C. and synthetic cloth upholstered bucket
- 42. Weight of front seat(s), complete with supports and rails, out of <sup>type seats</sup> the car :  
 12,5 kg      27.5 lbs
- 43. Rear seats, type of upholstery P.V.C. and synthetic cloth
- 44. Front bumper, material(s)      Weight 3,3 kg      7.3 lbs
- 45. Rear bumper, material(s)      Weight 3,2 kg      7.06 lbs

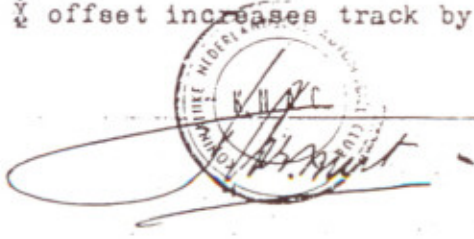
WHEELS

- 50. Type pressed steel disc (flat hump) Alt. light alloy
- 51. Weight (per wheel, without tyre)      5,4 kg      11.9 lbs
- 52. Method of attachment 3 nuts
- 53. Rim diameter 354,8 mm      13.97 inches      Alt. 13 inches
- 54. Rim width 101,5 mm      4 inches      Alt. 4.5 inches ~~or 5 inches~~
- 55. Standard tyre size fitted, front      135SR14 rear      135SR14  
~~135 14X/5.65 14X~~      ~~135 14X/5.65 14X~~

STEERING

- 60. Type Rack and pinion
- 61. Servo-assistance : ~~yes~~ - no
- 62. Number of turns of steering wheel from lock to lock 3,25
- 63. In case of servo-assistance

$\frac{1}{2}$  offset increases track by  $\frac{1}{2}$ "





SUSPENSION

70. Front suspension (photogr. D), type Independent, longitudinal torsion bars  
 71. Type of spring Torsion  
 72. Stabiliser (if fitted) yes  
 73. No of shock absorbers 2 74. Type telescopic double-acting hydraulic  
 78. Rear suspension (photogr. E), type Independent, coil springs  
 79. Type of spring Coil  
 80. Stabiliser (if fitted) no  
 81. No of shock absorbers 2 82. Type telescopic double-acting hydraulic

BRAKES (photographs F and G)

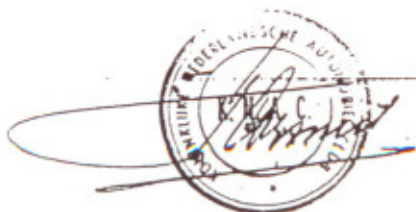
90. Method of operation hydraulic  
 91. Servo-assistance ; yes <sup>optional</sup> ~~yes~~ 92. Type --  
 93. No of hydraulic master cylinders 1 (double circuit)

	Front		Rear			
94. Number of cylinders per wheel		1				
95. Bore of wheel cylinder(s)	mm	in.	17,46	mm	0.687	in.
Drum brakes						
96. Inside diameter	mm	in.	200	mm	7.87	in.
97. Length of brake linings	mm	in.	196	mm	7,72	in.
98. Width of brake linings	mm	in.	40	mm	1.57	in.
99. No of shoes per brake			2			
100. Total area per brake	mm <sup>2</sup>	in <sup>2</sup>	15700	mm <sup>2</sup>	24.34	in <sup>2</sup>
Disc brakes						
101. Outside diameter	mm	9.75	in.	mm		in.
102. Length of brake linings	mm	2.17	in.	mm		in.
103. Width of brake linings	mm	1.46	in.	mm		in.
104. No of pads per brake		2				
105. Total area per brake	mm <sup>2</sup>	6.2	in <sup>2</sup>	mm <sup>2</sup>		in <sup>2</sup>



## ENGINE (photographs J and K)

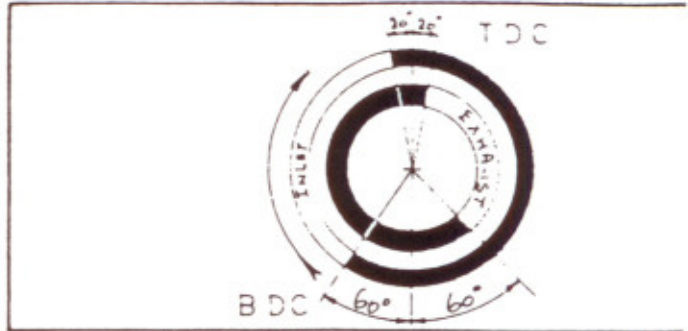
130. Cycle	4	131. N° of cylinders	4			
132. Cylinder arrangement	in line					
133. Bore	70 mm	2.756 in.	134. Stroke	72 mm	2.835 in.	
135. Capacity per cylinder		277 cm <sup>3</sup>		16.9	ou. in.	
136. Total cylinder-capacity		1108 cm <sup>3</sup>		67.61	ou. in.	
137. Material(s) of cylinder-block	cast iron					
138. Material(s) of sleeves (if fitted)	steel					
139. Cylinder-head, material(s)	aluminium				N° fitted	1
140. Number of inlet ports	4	141. Number of exhaust ports	4			
142. Compression ratio	8,5:1					
143. Volume of one combustion chamber		31,17 cm <sup>3</sup>	1.963	ou. in.		
144. Piston, material(s)	aluminium				145. N° of rings	3
146. Distance from gudgeon pin centre line to highest point of piston crown :						
	40 mm	1.57	inches			
147. Crankshaft : moulded / <del>stamped</del>	148. Type of crankshaft					4 throw
149. Number of crankshaft main bearings	5					
150. System of lubrication : <del>dry sump</del> / oil in sump						
151. Capacity, lubricant	2,5	ltrs	4.40	pints	2.64	quarts US
152. Oil cooler : <del>yes</del> / no	153. Method of engine cooling					water
154. Capacity of cooling system	4,8	ltrs	8.45	pints	5.07	quarts US
155. Cooling fan (if fitted), dia.		28	cm	11.02 inches		
156. Number of blades of cooling fan	6					
Bearings						
157. Crankshaft main, type	plain				Dia.	46 mm 1.811 in.
158. Connecting rod big end, type					Dia.	43,98 mm 1.731 in.
Weights						
159. Flywheel (clean)	7,83 <sup>+0,01</sup>	kg		lbs		
160. Flywheel with clutch (all turning parts)			12,796	kg	lbs	
161. Crankshaft	8,2 <sup>+0,2</sup>	kg		lbs	162. Connecting rod	0,46 <sup>+0,03</sup> kg lbs
163. Piston with rings and pin	0,36 <sup>+0,01</sup>	kg		lbs		





FOUR STROKE ENGINES

- 170. N° of camshafts 1 171. Location LE side
- 172. Type of camshaft drive chain <sup>engine</sup> driven block
- 173. Type of valve operation push rod



INLET (see page 4)\*

- 180. Material(s) of inlet manifold aluminium
- 181. Diameter of valves 31 mm 1.22 inches
- 182. Max. valve lift 7,15 mm 0.281 inches
- 183. N° of valve springs 1
- 184. Type of spring coil
- 185. N° of valves per cylinder 1
- 186. Tappet clearance for checking timing (cold) 0,15 mm .0059 inches
- 187. Valves open at (with tolerance for tappet clearance indicated)
- 188. Valves close at (with tolerance for tappet clearance indicated)
- 189. Degrees of crankshaft rotation from zero to -
  - ) maximum valve lift 3/4 maximum valve lift

see diagram

- 190. Air filter, type dry

EXHAUST (see page 4)

- 195. Material(s) of exhaust manifold cast iron
- 196. Diameter of valves 26,8 mm 1.06 inches
- 197. Max. valve lift 7,09 mm 0.280 inches
- 198. N° of valve springs 1
- 199. Type of spring coil
- 200. N° of valves per cylinder 1
- 201. Tappet clearance for checking timing (cold) 0,20 mm .0079 inches
- 202. Valves open at (with tolerance for tappet clearance indicated)
- 203. Valves close at (with tolerance for tappet clearance indicated)
- 204. Degrees of crankshaft rotation from zero to -
  - ) maximum valve lift 3/4 maximum valve lift

see diagram

CARBURETION (photograph N)

- 210. N° of carburettors fitted 1
- 211. Type horizontal
- 212. Make Solex
- 213. Model 32 EHSA
- 214. Flange hole diameter of exit port(s) of carburettor 32 mm 1.26 in.
- 215. Minimum diameter of air-passage 26 mm 1.02 in.

FUEL INJECTION (if fitted)

- 220. Make of pump
- 221. N° of plungers
- 222. Model or type of pump
- 223. Total n° of injectors
- 224. Location of injectors

\*) For additional information concerning two-stroke engines and super-charged engines see page 13.



ENGINE ACCESSORIES

- 230. Fuel pump : mechanical and ~~electric~~ <sup>n</sup> 231. N° fitted 1
- 232. Type of ignition system coil 233. N° of distributors 1
- 234. N° of ignition coils 1 235. N° of spark plugs per cylinder 1
- 236. Generator, number fitted 1 237. Method of drive belt
- 238. Voltage of generator 12 volts 239. Battery, number 1
- 240. Location under bonnet
- 241. Voltage of battery 12 volts

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 250. Max. engine output 55 (type of horsepower: DIN) at 5600 rpm
- 251. Maximum rpm 5600 output at that figure
- 252. Maximum torque 8,5 mkg at 3800 rpm
- 253. Maximum speed of the car 148 km/hour miles/hour



Make - DAF

Model 55 *Marathon* F.I.A. Rec. N° 5396

DRIVE TRAIN

CLUTCH

260. Type of clutch centrifugal 261. N° of ~~plates~~ shoes 8  
 262. Dia. of clutch plates cm inches  
 263. Dia. of linings, inside cm in. outside cm in.  
 264. Method of operating clutch automatic

GEAR BOX (photograph H)

270. Manual type, make type  
 271. N° of gear-box ratios forward 272. Synchronized forward ratios  
 273. Location of gear-shift  
 274. Automatic, make DAF type VARIOMATIC  
 275. N° of forward ratios 276. Location of gear-shift

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	N° teeth	Ratio	N° teeth	Ratio	N° teeth	Ratio	N° teeth
1			infinite					
2			variable					
3			between					
4			14,87:1					
5			and					
6			3,73:1					
			(final drive					
			included)					
reverse								

278. Overdrive, type  
 279. Forward gears on which overdrive can be selected  
 280. Overdrive ratio

FINAL DRIVE

290. Type of final drive integral part of complete VARIOMATIC transmission  
 291. Type of differential  
 292. Type of limited slip differential (if fitted)  
 293. Final drive ratio  
 Number of teeth





Make, DAF Model 55 *1722thor* 5396-

Optional equipment affecting preceding information

- sump guard
- Triplex glass windscreen
- Alternator
- Light alloy wheels 13"x5"

