

	A	B	C	D	E	F	G	H	I
1	<b>Technical Data</b>	<b>Urraco</b>		<b>Espada</b>		<b>Jarama</b>		<b>Miura</b>	
2	Total displacement	2462.9 cm3		3929	cm3	3929	cm3	3929	cm3
3	Cylinder diameter	36 mm		82	mm.	82	mm.	82	mm.
4	<b>Cylinders 1st oversize</b>			82.2	mm.	82.2	mm.	82.2	mm.
5	<b>Cylinders 2nd oversize</b>			82.2	mm.	82.4	mm.	82.2	mm.
6	<b>Min. clearance between cylinder and piston</b>	.075 mm		0.075	mm.	0.075	mm.	0.075	mm.
7	<b>Max. clearance between cylinder and piston</b>	.105 mm		0.105	mm.	0.105	mm.	0.105	mm.
8	<b>Crankshaft main bearing</b>	62.979 mm		62.979	mm.	62.979	mm.	62.979	mm.
9	<b>Crankshaft rod bearing</b>	45.490 mm		43.604	mm.	43.604	mm.	43.604	mm.
10	<b>Crankshaft main bearing 1st oversize</b>	62.725 mm		62.725	mm.	62.725	mm.	62.725	mm.
11	<b>Crankshaft conn. Rod 1st oversize</b>	45.236 mm		43.354	mm.	43.354	mm.	43.354	mm.
12	<b>Crankshaft main bearing 2nd oversize</b>			62.471	mm.	62.471	mm.	62.471	mm.
13	<b>Crankshaft rod bearing 2nd oversize</b>			43.086	mm.	43.086	mm.	43.086	mm.
14	<b>Min. clearance between bearing and crankshaft</b>	.026 mm		0.04	mm.	0.04	mm.	0.04	mm.
15	<b>End float clearance</b>	.15 mm		0.015	mm.	0.015	mm.	0.015	mm.
16	<b>clearance conn. Rod and crankshaft</b>	.05 mm		0.05	mm.	0.05	mm.	0.05	mm.
17	<b>clearance between conn. Rod when fitted together</b>	.1 mm		0.1	mm.	0.1	mm.	0.1	mm.
18	<b>clearance of intake guide valve</b>	.027 mm		0.035	mm.	0.035	mm.	0.035	mm.
19	<b>clearance of exhaust guide valve</b>	.037 mm		0.055	mm.	0.055	mm.	0.055	mm.
20	<b>adjustment clearance</b>	.4 mm		0.25	mm.	0.25	mm.	0.25	mm.



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44	<b>Torque settings</b>								
45	Main bearing stud 8mm	2.8	kgm	1.8	kgm	1.8	kgm	1.8	kgm
46	Main bearing stud 12mm	5.7	kgm	3.5	kgm	3.5	kgm	3.5	kgm
47	Cylinder head stud	3	kgm	3	kgm	3	kgm	3	kgm
48	Cylinder head nuts	7	kgm	8.6	kgm	8.6	kgm	8.6	kgm
49	Main bearing nuts 8mm	2.8	kgm	2.8	kgm	2.8	kgm	2.8	kgm
50	Main bearing nuts 12mm	5.7	kgm	9	kgm	9	kgm	9	kgm
51	Conn Rod bearing bolts	6	kgm	6	kgm	6	kgm	6	kgm
52	Crankshaft flywheel bolts	2.8	kgm	2.8	kgm	2.8	kgm	2.8	kgm
53	Clutch plate bolts	2.8	kgm	2.8	kgm	2.8	kgm	2.8	kgm
54	Camshaft support nuts	2.8	kgm	2.8	kgm	2.8	kgm	2.8	kgm
55	In & Ex manifold bolts	3	kgm	3	kgm	3	kgm	3	kgm
56	Front pulley bolts	28.7	kgm	3.5	kgm	3.5	kgm		
57	Crown&Carrier bolts	3.5	kgm	7	kgm	7	kgm	7	kgm
58	Out put shaft nut	14	kgm	14	kgm	14	kgm	14	kgm
59	Wheel nuts	13	kgm	13	kgm	13	kgm		
60	Wheel hub nuts	34	kgm	34	kgm	34	kgm		
61	lower swivel pin bolt	12	kgm	15	kgm	15	kgm		
62	Rear axle shaft flange nut.	25	kgm	25	kgm	25	kgm	15	kgm
63									
64	<b>Carburation:</b>								
65	Choke	30	mm	30	mm	30	mm	32	mm
66	auxiliary Venturi	3	mm	4.5	mm	4.5	mm	4.5	mm
67	main jet	1.2	mm	1.2	mm	1.2	mm	1.3	mm
68	idling jet	0.6	mm	F 9 / 0.45	mm	F 9 / 0.45	mm	0.55	mm
69	pump jet	0.35	mm	0.35	mm	0.35	mm	0.5	mm
70	pump course			9	mm	9	mm		mm
71	starting jet	F 50 / 0.80	mm	F 5 / 0.60	mm	F 5 / 0.60	mm		mm
72	emulsifying tubes	F 7		F 3		F 3		F26	
73	air corrector jets	1.6	mm	2.1	mm	2.1	mm	1.8	mm
74	needle valve	1.75	mm	1.75	mm	1.75	mm	1.75	mm
75	carburettor exhaust valve	0.5	mm	0.75	mm	0.75	mm	0.5	mm
76	float	11.8	gr	26	gr	26	gr	25.5	gr
77	float level	10	mm	8.5	mm	8.5	mm	14	mm



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108	<b>Suspension Spring Pressure</b>								
109	5103657- front - d. (coil diameter) 12mm	240kg @ 212mm 435kg @ 141mm							
110	5208666 rear d. 13.5mm	430kg @ 231.5mm 685kg @ 163mm							
111	5104627 frt d. 13mm until car #575			565kg @ 204.5mm 806kg @ 162.5mm					
112	5108250 frt d.15mm from car #576 - 1000			535kg @ 234mm 864kg @ 183mm					
113	5109898 frt 16mm from 1001 - end			600kg @ 234mm 900kg @ 195mm					
114	5205633 rear 13mm til car #575			581kg @ 228.5mm 890kg @ 177mm					
115	5208249 rear 15.5mm from 576 - end			610kg @ 249mm 1005kg @ 194mm					
116	5104627 frt 13mm til car 175					565kg @ 204.5mm 806kg @ 162.5mm			
117	5108250 frt 15mm from 176 - 240					535kg @ 234mm 864kg @ 183mm			
118	5109898 frt 16mm from 241 - end					600kg @ 234mm 900kg @ 195mm			
119	5205633 rear 13mm til car 175					581kg @ 228.5mm 890kg @ 177mm			
120	5209 649 rear 15.5mm from 176 - end					470kg @ 249mm 867kg @ 194mm			
121	5103721 frt 12mm all cars								
122	5203290 rear 13mm til car 300								
123	5204894 rear 12mm from 301 - end								
124									
125	<b>Shock absorber Calibration</b>								
126	<b>Steering</b>	59.5 kg @ 8.5mm							
127	<b>front suspension</b>								
128	<b>Compression</b>	108.5kg @ 15.5mm		154kg @ 22mm		154kg @ 22mm		196kg @ 28mm	
129	<b>Extension</b>	35kg @ 5 mm		66.5kg @ 9.5mm		66.5kg @ 9.5mm		38.5kg @ 5.5mm	
130	<b>Rear Suspension</b>								
131	<b>Compression</b>	133kg @ 13mm		140kg @ 20mm		140kg @ 20mm		175kg @ 25mm	
132	<b>Extension</b>	35kg @ 5mm		70kg @ 10mm		70kg @ 10mm		56kg @ 8mm	

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