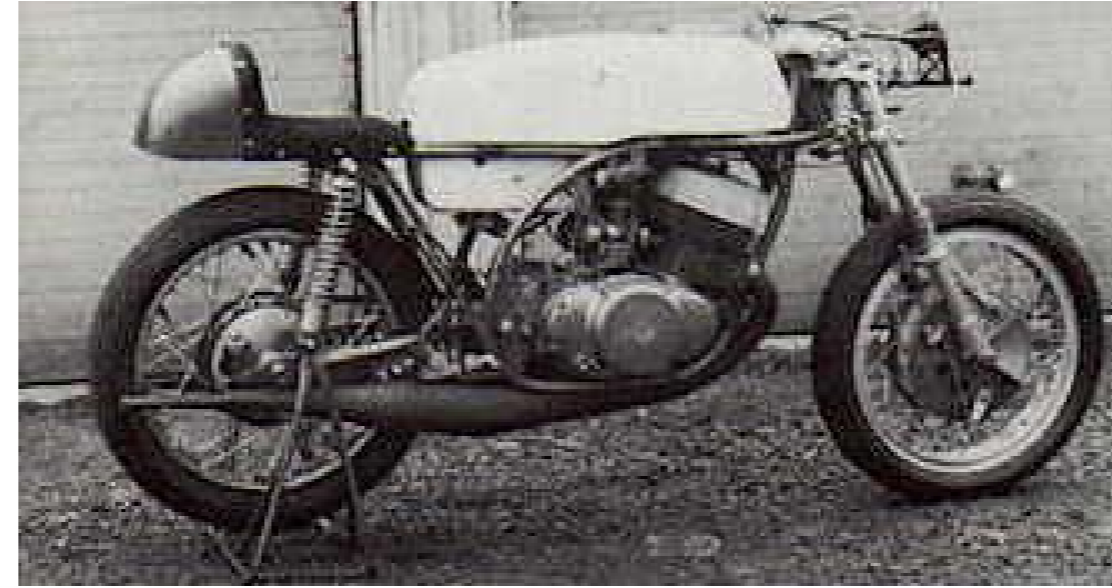


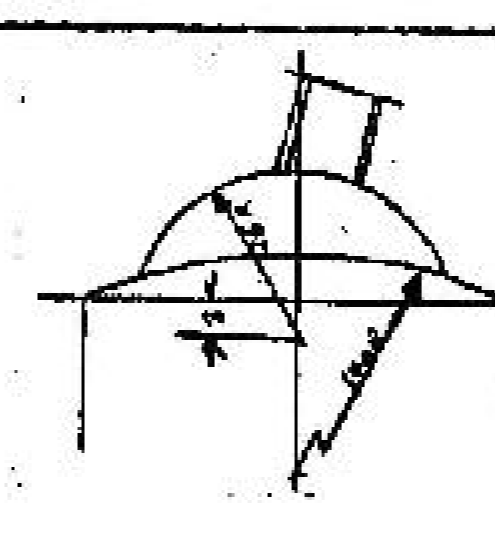


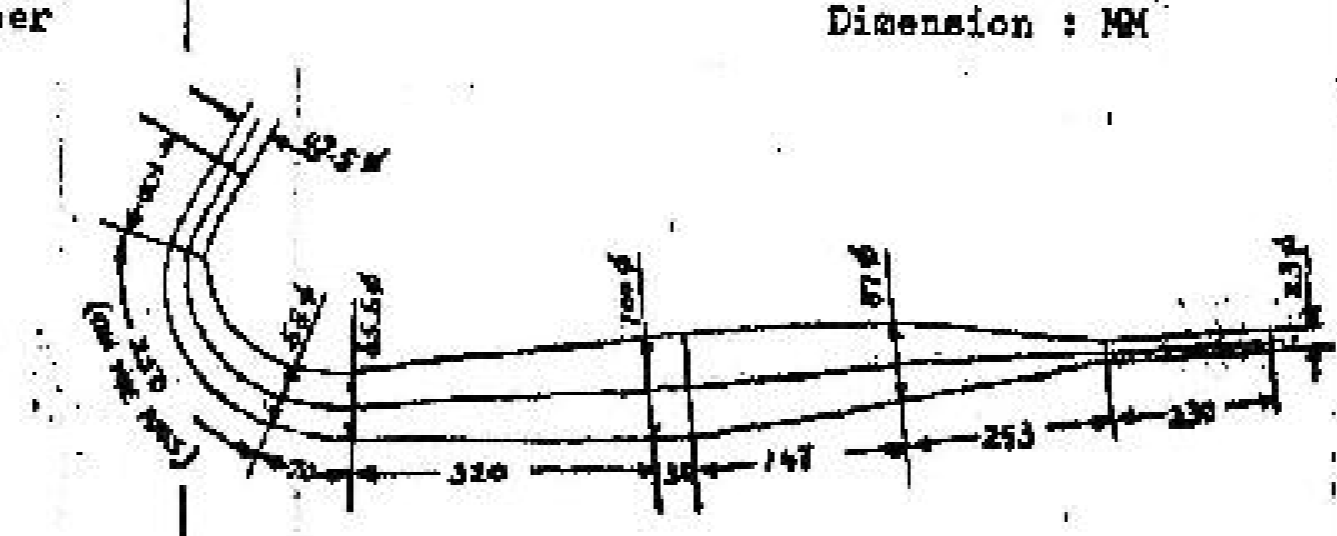
1970 Suzuki TR500 factory specs



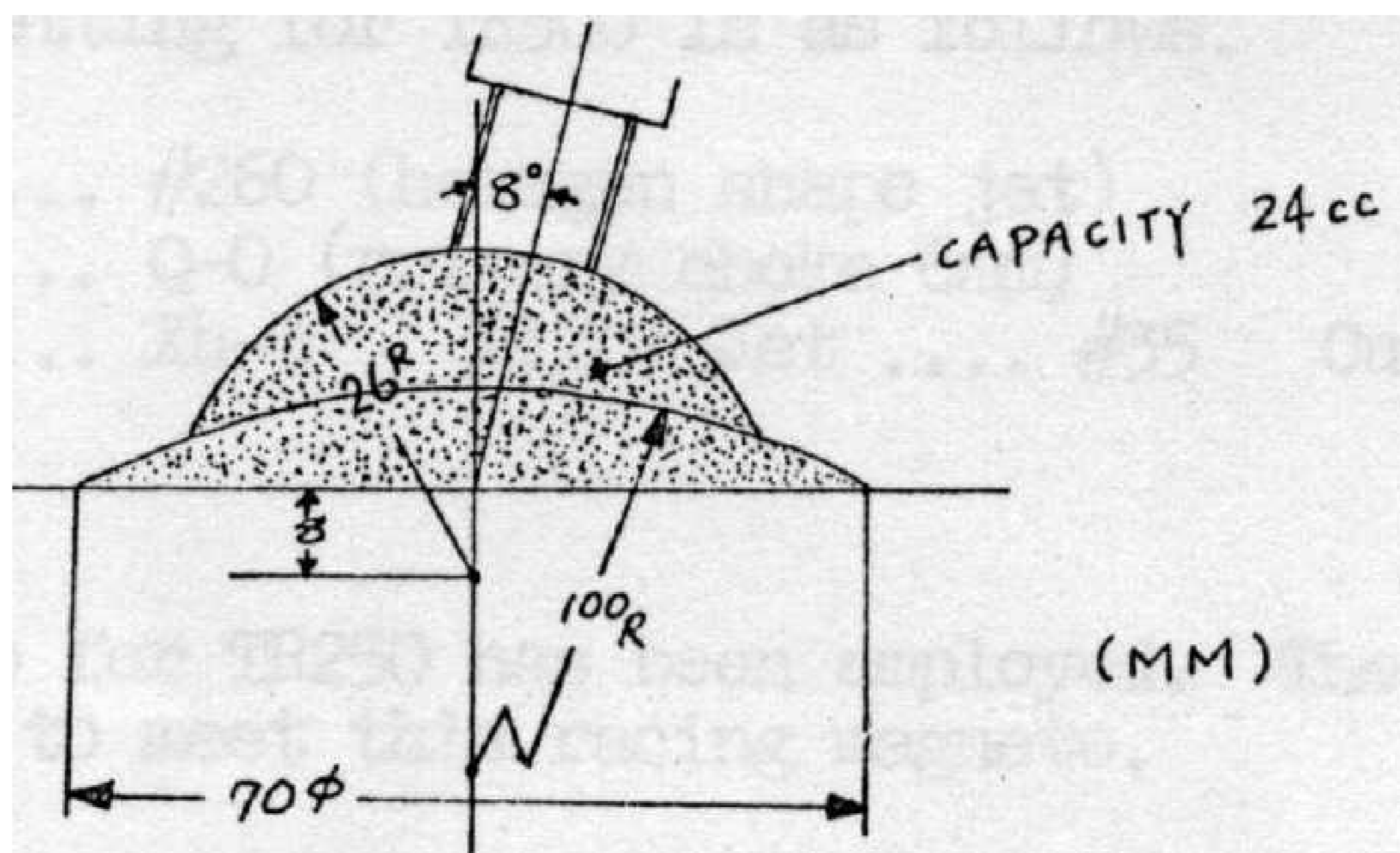
SPECIFICATION OF TR500 1970 MODEL

1. Engine

Item	Specifications
Bore x Stroke	70 x 64 mm (492 cc)
Cylinder	Cast-in type sleeved aluminium cylinder (stock cylinder is modified as follows). Ex.: 35 mm from the top surface (51.5 width) In.: 110 mm from the top surface Sc.: 50 mm from the top surface
A) Type	
B) Porting	
C) Base gasket	3 pieces (total thickness is 1.5mm)
Cylinder head	 volume 24cc when fitting NGK B-10.5 EP
A) Shape and volume of combustion chamber	
B)	Thickness : 0.8 mm
Piston rings	Flat
A) Type	
B) Width x thickness	1.5 x 2.7 mm
Piston	Diameter at top land 70φ - 0.365 (+0.05) mm (cylinder size 70φ + 0.005 mm)
Diameter at top land	
Ignition system	Racing magneto 3.1 mm (25° BTDC) 0.35 - 0.45 mm NGK B-10.5 EP
A) Type	
B) Ignition timing	
C) Contact point gap	
D) Spark plug	

Carburettor	VM34 SC Main jet: 280 - 310 Needle jet: Q-O (primary choke height 8mm) Pilot jet: 75 Out-way: 2.0
A) Type	
B) Setting	
Clutch	Wet multiple (8 pieces) fitted with V type expansion rings Tension when being fitted: 25.5 x 6 kg
A) Type	
B) Springs	
Transmission	5 speeds Primary: 65/31 = 2.13 Secondary: 30/15 or 31/15 Total ratio: 20/15 31/18 1st: 28/15 = 1.87 3.20 3.48 2nd: 25/18 = 1.39 6.10 6.50 3rd: 22/20 = 1.10 4.62 4.99 4th: 21/22 = 0.95 4.21 4.55 5th: 20/23 = 0.87 3.81 3.94
A) Speeds	
B) Ratios	
Lubrication	Geo-oil mixture with ratio of 30 : 1 plus Posi-force lubrication Oil pump control lever is set stationary at the half opening position.
Expansion chamber	Dimension : 190
	

Tyres	Front : 3.00 - 18 Rear : 3.50 - 18 Dunlop or Goodyear racing									
Wheels	Front : Ceriani (CFW-225) Drum diameter 9" (228 mm) Shoes length 8" (203 mm) Shoes width 1" (25.4 mm) Rear : Ceriani (CFW-170) Drum diameter 8" (203 mm) Shoes length 8" (203 mm) Shoes width 1" 1/8 (28.6 mm)									
Suspensions	Front forks : Ceriani (CS1207-XG type) Rear shocks : Ceriani (2404-325)									
Weight	<table border="1"> <thead> <tr> <th>Front</th> <th>Rear</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>67.8 kg</td> <td>67.5 kg</td> <td>135.3 kg</td> </tr> <tr> <td>88.2</td> <td>115.0</td> <td>203.2 ...</td> </tr> </tbody> </table> when Niteau Ito gets on The above weight does not include the petrol and Posi-force oil.	Front	Rear	Total	67.8 kg	67.5 kg	135.3 kg	88.2	115.0	203.2 ...
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TR Head Specs

