



SHRIRAM PISTONS & RINGS LTD.



MD: TS: 08/JULY'25

INTRODUCTION CIRCULAR – **TVS JUPITER 110cc – PA KIT**

USHA is pleased to launch **TVS JUPITER 110cc** PA kit in its aftermarket bi-wheeler product range.



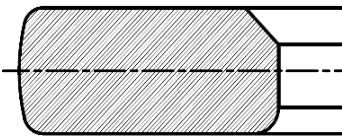
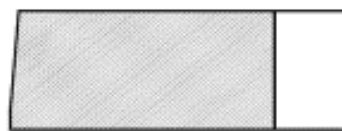
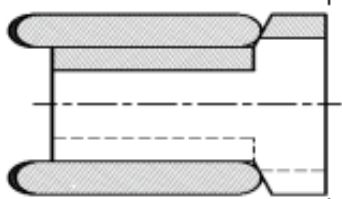
Technical details of **TVS JUPITER 110cc** Piston and Ring set are as under:

Piston:

Technical Data – Piston		USHA Code→ NCS58
Nominal Bore Diameter		53.50
Piston Diameter		53.464
Piston to Liner Clearance		0.036
Compression Height		22.00
Total Height		40.00
Gudgeon Pin Length X OD		38.00 X 14.00

All dimensions are in mm

Piston Rings:

Technical Data - 'HPVENT' Rings						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Steel Inside Bevel (HPIBGN)	0.80	0.10-0.25	04-10	Gas Nitriding	
2 nd	Special Steel Taper (TSS)	0.80	0.20-0.35	08-14	Parkerising	
Oil	RIKVENT	1.50	0.10-0.60 (Rails)	04-24	Chrome Plated Rails/ Parkerising	

Cylinder Block:

Cylinder block is manufactured using Aluminium alloy which is light weight and has better thermal conductivity resulting in improved engine efficiency.

USHA piston assemblies suitable for '**TVS JUPITER 110cc**' are matched with these superior quality air cooled blocks for supply as PA kits for low oil consumption & improved performance in an attractive packaging.



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