



SHRIRAM PISTONS & RINGS LTD.



MD: TS: 25/SEP'25

INTRODUCTION CIRCULAR – **TVS XL100 4S BS6 – PA KIT**

USHA is pleased to launch '**TVS XL100 4S BS6**' PA kit in its aftermarket bi-wheeler product range.



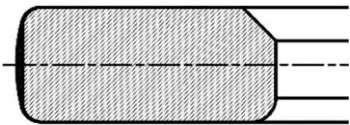
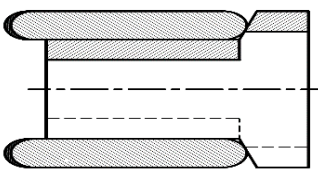
Technical details of '**TVS XL100 4S BS6**' Piston and Ring set are as under:

Piston:

Technical Data – Piston		USHA Code→ NCS83
Nominal Bore Diameter		51.00
Piston Diameter		50.984
Piston to Liner Clearance		0.016
Compression Height		19.60
Total Height		34.10
Gudgeon Pin Length X OD		33.20 X 14.00

All dimensions are in mm

Piston Rings:

Technical Data - '3S IPVENT' Rings						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Steel Inside Bevel (HPIBIP)	0.80	0.10-0.25	04-10	Ion Plating (PVD)	
2 nd	Steel Taper (HPCRT)	0.80	0.25-0.40	10-16	Chrome Plating/ Parkerising	
Oil	RIKVENT	1.50	0.10-0.40 (Rails)	04-16	Ion Plating on 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 XL100 BS6**' are matched with these superior quality air cooled blocks for supply as PA kits for low oil consumption & improved performance in an attractive packaging.



Technical Product News is an exclusive update of product & information from
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