



SHRIRAM PISTONS & RINGS

MD: TS: 15/NOV'22

INTRODUCTION CIRCULAR – **TVS APACHE RTR 160 – PA KIT**

USHA is pleased to launch **TVS APACHE RTR 160** PA kit in its Bi-wheeler product range in aftermarket.



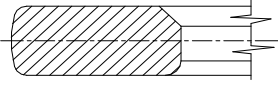
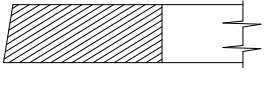
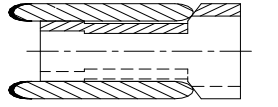
Technical details of **TVS Apache RTR 160** Piston and Ring set are as under:

Piston:

Technical Data - Piston		USHA Code→NCS02
Nominal Bore Diameter		62.000
Piston Diameter		61.975
Piston to Liner Clearance		00.025
Compression Height		21.850
Total Height		39.850
Gudgeon Pin OD X Length		15.00 X 45.00

All dimensions are in mm

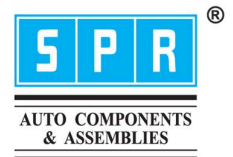
Piston Rings:

Technical Data - 'HPVENT' Rings						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Inside Bevel Steel (HPIBGN)	0.80	0.20-0.35	08-14	Gas Nitriding	
Second	Taper Special Steel (TSS)	0.80	0.35-0.50	14-20	Parkerising	
Oil	RIKVENT	1.50	0.20-0.70 (Rails)	08-28	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 Apache RTR 160' are matched with these superior quality Air cooled blocks & supplied as PA kits for lower oil consumption, no smoke & improved performance, in an attractive packaging.



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