



## SHRIRAM PISTONS & RINGS LTD.

MD: TS: 48/JAN'25

INTRODUCTION CIRCULAR – **YAMAHA RAY/ FASCINO – PA KIT**

USHA is pleased to launch **YAMAHA RAY/ FASCINO** PA kit in its aftermarket bi-wheeler product range.



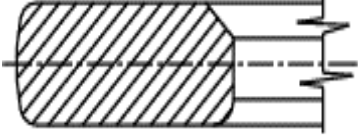
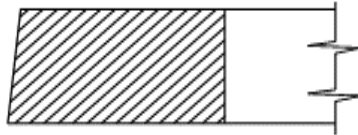
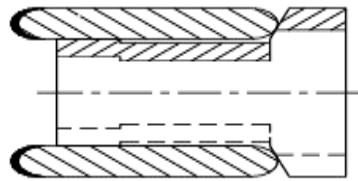
Technical details of **YAMAHA RAY/ FASCINO** Piston and Ring set are as under:

### Piston:

Technical Data – Piston		USHA Code→ <b>NCS92</b>
Nominal Bore Diameter		50.00
Piston Diameter		47.97
Piston to Liner Clearance		0.03
Compression Height		19.00
Total Height		32.50
Gudgeon Pin Length X OD		39.00 X 13.00

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 <sup>nd</sup>	Special Steel Taper (TSS)	0.80	0.10-0.25	04-10	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 '**YAMAHA RAY/ FASCINO**' 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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