



SHRIRAM PISTONS & RINGS LTD.

MD: TS: 45/JAN'25

INTRODUCTION CIRCULAR –**HERO SPLENDOR iSmart 110cc– PA KIT**

USHA is pleased to launch **Hero Splendor iSmart 110cc** PA kit in its aftermarket bi-wheeler product range.



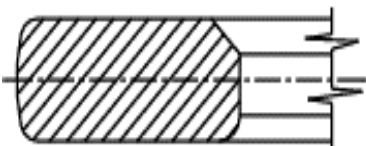
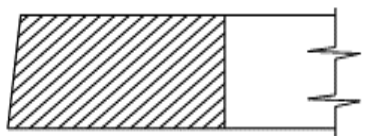
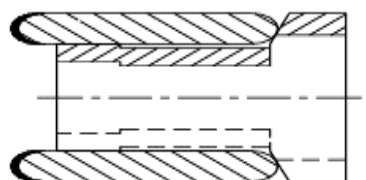
Technical details of **Hero Splendor iSmart 110cc** Piston and Ring set are as under:

Piston:

Technical Data – Piston		USHA Code→ NCS52
Nominal Bore Diameter		53.00
Piston Diameter		52.975
Piston to Liner Clearance		0.025
Compression Height		20.80
Total Height		36.80
Gudgeon Pin Length X OD		38.40 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 nd	Special Steel Taper (TSS)	0.80	0.25-0.40	10-16	Parkerising	
Oil	RIKVENT	1.50	0.20-0.70 (Rails)	08-28	Chrome Plated Rails/ Parkerising	

Cylinder Block:

Cylinder block is manufactured using Cast Iron material which is having good castability, machinability & superior surface finish to retain optimum amount of oil to minimize friction & wear.

USHA piston assemblies suitable for '**Hero Splendor iSmart 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.



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