



SHRIRAM PISTONS & RINGS LTD.



MD: TS: 07/JULY'25

INTRODUCTION CIRCULAR – **BAJAJ DISCOVER 110cc BS IV – PA KIT**

USHA is pleased to launch '**BAJAJ DISCOVER 110cc BS IV**' PA kit in its aftermarket bi-wheeler product range.

This PA kit is also common to the models like **BAJAJ PLATINA 110cc & CT110**.





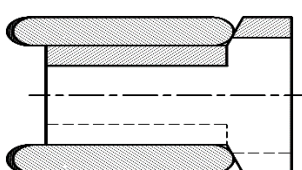
Technical details of **BAJAJ DISCOVER 110cc** Piston and Ring set are as under:

Piston:

Technical Data – Piston		USHA Code→ NCS93
Nominal Bore Diameter		50.00
Piston Diameter		49.965
Piston to Liner Clearance		0.035
Compression Height		20.20
Total Height		35.20
Gudgeon Pin Length X OD		35.70 X 12.00

All dimensions are in mm

Piston Rings:

Technical Data - '3S VENT' 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	Steel Taper (HPCRTIB)	0.80	0.25-0.45	10-18	Chrome Plating/ Parkerising	
Oil	RIKVENT	1.50	0.20-0.70 (Rails)	08-28	Chrome Plating on Rails/ Parkerising	

Cylinder Block:

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

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



Technical Product News is an exclusive update of product & information from
Shriram Pistons & Rings Ltd., 3rd Floor, Himalaya House, 23, Kasturba Gandhi Marg, New Delhi-110001
Tel: 011-46451100, 23315941, Email: tss@shrirampistons.com, Website: www.shrirampistons.com