

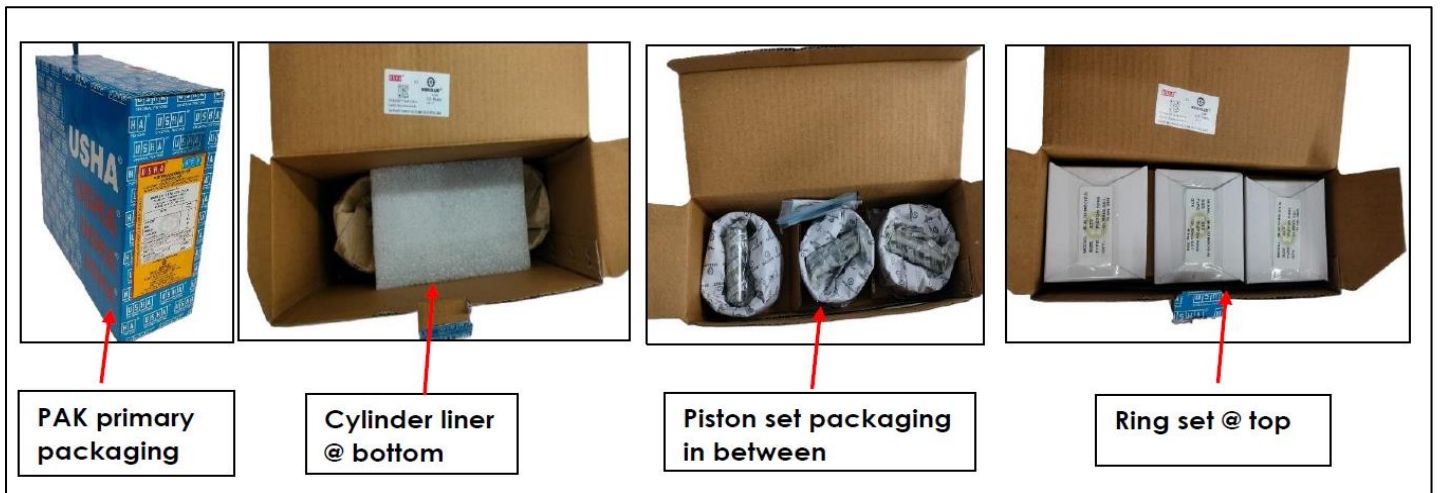


SHRIRAM PISTONS & RINGS LTD.

MD: TS: 11/JUL'24

INTRODUCTION CIRCULAR – **MARUTI ALTO 800 (YE3) – PA KIT**

USHA is pleased to launch '**Maruti Alto 800 (YE3)**' (03 Cyl) PA Kit in its Car product range in aftermarket.



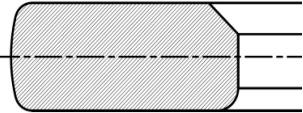

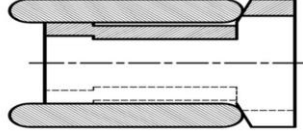
Technical details of '**Maruti Alto 800 (YE3)**' piston, ring set & cylinder liner are as under:

Piston:

Technical Data – Piston		USHA Code → C18
Nominal Bore Diameter		68.50
Piston Diameter		68.475
Piston to Liner Clearance		0.025
Compression Height		25.00
Total Height		41.00
Gudgeon Pin OD X Length		16.00 X 48.00

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)	1.00	0.12-0.26	5-10	Gas Nitriding	
Second	Taper Outside Step (TOS)	1.20	0.30-0.50	12-20	Parkerising	
Oil	RIKVENT	2.00	0.20-0.50 (Rails)	08-20	Gas Nitriding	

Cylinder Liner:

Cylinder liner is made from Cast Iron material using latest Centrifugal casting process having good castability, machinability and superior surface finish for better performance, minimum oil consumption, blow-by & friction etc.

Technical Data S.F. Cylinder Liner		
Parameter	Dimensions (mm/Inches) Collar Dia- 2.834"	Dimensions (mm/Inches) Collar Dia- 2.860"
Bore Diameter	67.60/ 2.661	67.60/ 2.661
Outer Diameter	71.50/ 2.814	71.50/ 2.814
Total Length	112.00/ 4.409	112.00/ 4.409
Collar Diameter	72.00/ 2.834	72.65/ 2.860
Collar Width	4.75/ 0.187	4.75/ 0.187

USHA '**Maruti Alto 800 (YE3)**' piston assembly along with superior quality cylinder liners & supplied as PA kits for low oil consumption, blow-by & improved performance in an attractive packaging.



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