



SHRIRAM PISTONS & RINGS LTD.

MD: TS: 12/JUL'24

INTRODUCTION CIRCULAR – **MARUTI SWIFT/RITZ/D-ZIRE PETROL – PA KIT**

USHA is pleased to launch '**Maruti Swift/Ritz/D-Zire Petrol**' (04 Cyl.) PA Kit in its Car product range in aftermarket.



PAK primary packaging



Cylinder liner @ bottom



Piston set packaging in between



Ring set @ top

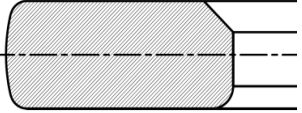

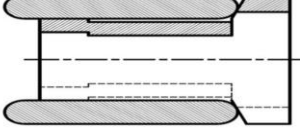
Technical details of **Maruti Swift/Ritz/D-Zire Petrol** piston, ring set & cylinder liner are as under:

Piston:

Technical Data – Piston		USHA Code → C03
Nominal Bore Diameter		73.00
Piston Diameter		72.975
Piston to Liner Clearance		0.025
Compression Height		27.30
Total Height		45.30
Gudgeon Pin OD X Length		18.00 X 50.00

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	0.15-0.28	06-11	Gas Nitriding	
Second	Taper Outside Step (TOS)	1.20	0.28-0.41	11-16	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 (Inches)	Dimensions (mm)
Bore Diameter	2.850	72.40
Outer Diameter	2.985	75.84
Total Length	5.000	127.00
Collar Diameter	3.016	76.62
Collar Width	0.183	4.65

USHA 'Maruti Swift/Ritz/D-Zire Petrol' 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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