



SHRIRAM PISTONS & RINGS

MD: TS: 28/FEB'24

INTRODUCTION CIRCULAR – **MARUTI ASTAR/ ALTO K10 – PA KIT**

USHA is pleased to launch 'Maruti A-star/ Alto K10' PA Kit in its Car product range in aftermarket.



USHA SPR

PISTON ASSEMBLY KIT
LICENCEE OF:
PISTONS: VOLKSWAGEN, GERMANY
RINGS: RIKEN CORPORATION, JAPAN

Suitable for
MARUTI A-STAR / ALTO K-10
STD
[73.00mm]

ITEM	QTY. (Nos.)
PISTON*	3
PIN*	3
RINGS*	15
CYCLIP*	6
CYLINDER LINER	3

* are packed in separate c.b box inside the main packing.

MANUFACTURED IN SEP'23

PART NO. C23

MRP Rs.
(Inclusive of all taxes)
(Applicable as on 01/01/2023)

Manufactured/Marketed by:
SHRIRAM
Shriram Pistons & Rings Ltd.
3rd Floor, Hinayya Street,
23, K.G. Road, New Delhi - 110011, India
Consumer Care Cell
Shriram Pistons & Rings Ltd.
3rd Floor, Hinayya Street,
23, K.G. Road, New Delhi - 110011, India
Tel: (011) 23113841, email: usha@shrirampistons.com



3 nos. Cylinder liners @
bottom of packaging



3 nos. Piston Set CB
box above Cylinder
liners



Single Cyl. Ring Set
box above Piston
Set CB box



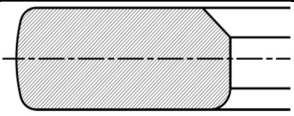

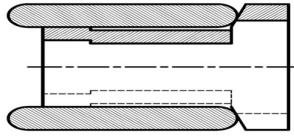
Technical details of **Maruti A-star/ Alto K10** Piston and Ring set are as under:

Piston:

Technical Data - Piston		USHA Code → C23
Nominal Bore Diameter		73.00
Piston Diameter		72.99
Piston to Liner Clearance		0.01
Compression Height		27.30
Total Height		44.30
Gudgeon Pin OD X Length		18.00 X 50.00

All dimensions are in mm

Piston Rings:

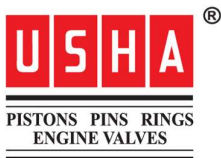
Technical Data - 'HPVENT' Rings						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Inside Bevel Steel (HPIBGN)	1.00	0.15-0.28	06-11	Gas Nitriding	
Second	Taper Outside Step (TOS)	1.20	0.28-0.41	11-16	Parkerising	
Oil	RIKVENT	2.00	0.20-0.50 (Rails)	08-20	Gas Nitrided Rails	

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 A-star/ Alto K10' piston assembly kit is supplied with quality parts 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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