



SHRIRAM PISTONS & RINGS LTD.

MD:TS: 58/MAR'25

INTRODUCTION CIRCULAR- **HYUNDAI i10/ i20 KAPPA 1.2L (P) - PA KIT**

USHA is pleased to launch '**HYUNDAI i10/ i20 KAPPA PETROL**' PA Kit in its aftermarket Car/ PV product range.



PACKAGING



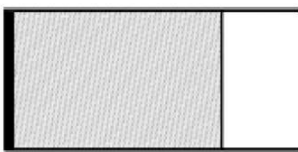
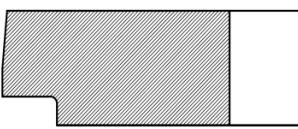
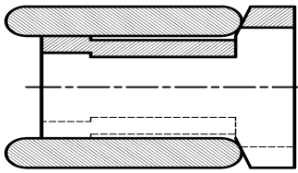
Technical details of **HYUNDAI i10/ i20 KAPPA (P)** Piston & Ring set are as under:

Piston:

Technical Data - Piston		USHA Code→ C41
Nominal Bore Diameter		71.00
Piston Diameter		70.98
Piston to Liner Clearance		0.02
Compression Height		26.18
Total Height		44.18
Gudgeon Pin Length X OD		48.00 X 18.00

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 Chrome (HPCR)	1.00	0.15-0.30	06-12	Chrome Plating/ Parkerising	
2 nd	Taper Outside Step (TOS)	1.20	0.30-0.45	12-18	Parkerising	
Oil	RIKVENT	2.00	0.20-0.70	08-28	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	2.7500	69.850
Outer Diameter	2.9016	73.700
Total Length	4.6378	117.800
Collar Diameter	2.9291	74.4000
Collar Width	0.1929	4.900

USHA 'HYUNDAI i10/ i20 KAPPA (P)' piston assemblies 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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