



SHRIRAM PISTONS & RINGS LTD.

New
Launch

MD:TS: 24/SEP'25

INTRODUCTION CIRCULAR – **TATA ACE MEGA TCIC DIESEL - PA KIT**

USHA is pleased to launch '**TATA ACE MEGA TCIC DIESEL**' PA Kit in its aftermarket SCV product range.



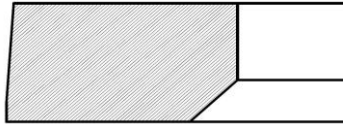
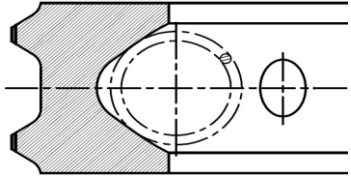
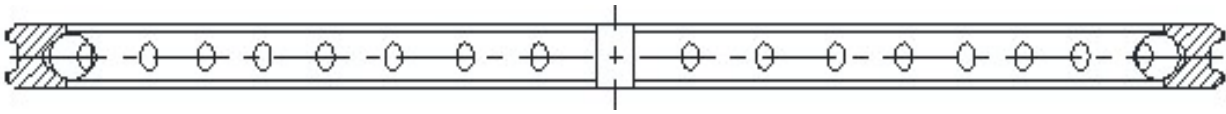
Technical details of **TATA ACE MEGA TCIC DIESEL** Piston & Ring set are as under:

Piston:

Technical Data - Piston		USHA Code→ C25
Nominal Bore Diameter		78.00
Piston Diameter		77.95
Piston to Liner Clearance		0.050
Compression Height		43.00
Total Height		67.00
Gudgeon Pin Length X OD		63.00 X 28.00

All dimensions are in mm

Piston Rings:

Technical Data - 'CPC DHCR' Rings						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Conventional Special Steel CPC	2.00	0.25-0.40	10-16	Composite Plating of Chrome/ Parkerising	
2 nd	Reverse Torsion	2.00	0.40-0.60	16-24	Parkerising	
Oil	DHCR (Drilled Hole CI)	3.00	0.30-0.50	12-20	Chrome Plated Lands/ Parkerising	
						

All dimensions are in mm

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	3.0393	77.200
Outer Diameter	3.1881	80.980
Total Length	5.8740	149.200
Collar Diameter	3.2169	81.710
Collar Width	0.1653	4.200

USHA '**TATA ACE MEGA TCIC DIESEL**' 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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