

Product Bulletin

PB-2018-06-02

New Launch- GOETZE PISTONS

In continuation to our new launch, we are delighted to introduce piston assembly:

Application for Maruti swift diesel and other 75PS engines



GOETZE PART NO.: 03458MPL

Cyl. Bore Dia. – 69.6 mm

In single cylinder packing





Kit Contents	Existing Part Number
Piston pin and circlip	03459PPC
Ring	5763CKS
Liner	03920LIN

WITH 5763CKS RING

TECHNICAL DATA PISTONS		
Nominal Bore Diameter	69.600 mm	
Piston Diameter	69.546 mm	
Top Land	7.50 mm	
Piston Liner Clearance	0.054mm	
Compression Height	40.43 mm	
Total Height	62.43 mm	
Pin Diameter x Length	23.00 mm x56.8 mm	
Pin bore clearance	8-18 microns	

TECHNICAL DATA PISTON RINGS				
Parameter	TOP	Mid	Oil	
Dia	69.6			
Axial	1.5	1.5	2	
Coating	CKS	-	Chrome	
Closed Gap	0.18-0.30	1.01.5	0.250.50	
Material	KV4	F14	STD	
Ring type	SEMI INLAY	TAPER FACE	LKZ	
No. of slots	-	-	48	

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Special Features Their Advantages

S.No	SPECIAL FEATURES	BENEFITS TO CUSTOMER
1.	SPECIALHIGH STRENGTH ALLOY	Provides optimum strength to piston and Lesser expansion
2.	CNC TURNED RE-ENTRANT CAVITY	Better fuel combustion and lesser emissions
3.	MOLY COATED SKIRT	Provides wear and scuff resistance.
6.	PIN HOLE SIDE RELIEF	Better oil drainage & hence lesser oil consumption. Lesser weight & hence better fuel average.
7.	THIN WALL CROSS SECTION	Lesser expansion hence piston can work at lesser clearance.
8.	LIGHT WEIGHT DESIGN	Lesser fuel consumption
9	PIN HOLE FORM BORING	Reduces the stresses on gudgeon pin boss
10.	LUG TYPE DESIGN	Better guidance to piston movement and hence lesser noise
11.	THIN TOP LAND	Helps in reducing emissions
12.	COPPER COATED CIRCLIPS	Improves engine life
13.	FOUR VALVE POCKETS	Better combustion and reduces emissions

Advanced CKS Semi inlay and LKZ Oil Ring

- Reduces oil consumption by up to 50%
- Reduces friction by 15%
- **Cuts down Exhaust emissions**

Superior Liner

- Liner has superior material for better durability
- The liner is Semi finished to facilitate reboring so as to maintain piston-liner clearance after installation

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