



SHRIRAM PISTONS & RINGS

MD: TS: 19/JAN'23

INTRODUCTION CIRCULAR – BAJAJ KUBOTA 'RE' DIESEL BS-III/ IV – 'SSTR' RING SET

USHA is pleased to launch Bajaj Kubota 'RE' Diesel BS-III/ IV 'SSTR' ring set in its 3 wheeler/ Auto rickshaw product range.

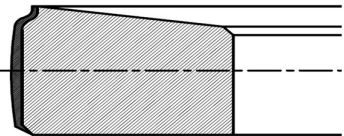
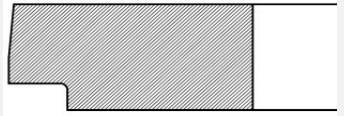
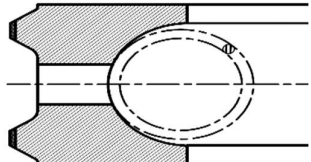


This ring set has following special features:

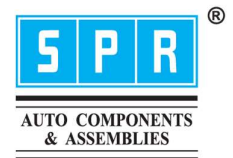
ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
Top Ring	Half Keystone Special Steel Chrome Plated CRK ₄ SS	Special Steel Material (RIK-20A)	Top ring is manufactured using special steel alloy which has properties similar to steel. This material has good elasticity and excellent resistance to twisting, breakage & wear etc.
		Half Keystone Geometry	Upper side of top ring is having keystone geometry which helps in squeezing out excess oil from inside the groove preventing carbon deposition & sludge formation. Bottom side is kept flat which enables better seating of ring on groove flank resulting in lesser blow-by.
		Chrome Plating	Outer periphery of the ring is chrome plated which provides excellent wear & scuff resistance.
		Parkerising	Side faces of the ring are parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.
2 nd Ring	Taper Outside Step TOS	Taper face	Ring has a Taper on OD to provide line contact with liner resulting in higher wall pressure, hence better sealing.
		Outside Step on lower face	Ring has a step cut on lower outside face due to which ring tilts positively and locks ring groove from oil escaping towards combustion chamber during upward movement. This also facilitates better oil scrapping during downward movement, hence low oil consumption.

		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.
Oil Ring	Spring Loaded Chrome Plated Cast Iron Profile Ground HTCR(PGV)	Highly Conformable	Ring is provided with a variable pitch coil spring making it highly conformable with the bore ensuring perfect sealing & excellent oil scrapping at all times.
		Chrome Plated & Profile Ground Ring Lands	Ring lands are made uniform throughout the periphery for an effective sealing and efficient scrapping of oil due to sharper edges. Chrome plating provides excellent wear & scuff resistance.
		Parkerising	Ring is parkerised to provide porous surface on side faces for oil retention & lesser wear.

Technical details of **Bajaj Kubota 'RE' Diesel BS-III/ IV 'SSTR'** ring set are as under:

TECHNICAL DATA- BAJAJ KUBOTA 'RE' DIESEL BS-III/ IV - 'SSTR' RING SET (ø 86.00 mm)						
						USHA Code → S74
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	CRK _H SS	2.064	0.15-0.30	06-12	Chrome Plating/ Parkerising	
2 nd	TOS	2.00	0.35-0.55	14-22	Parkerising	
Oil	HTCR (PGV)	4.00	0.25-0.50	10-20	Chrome Plated lands/ Parkerising	

USHA **Bajaj Kubota 'RE' Diesel BS-III/ IV 'SSTR'** ring set is specially designed to reduce oil consumption & blow-by for an excellent performance.



Technical Product News is an exclusive update of product & information from
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