

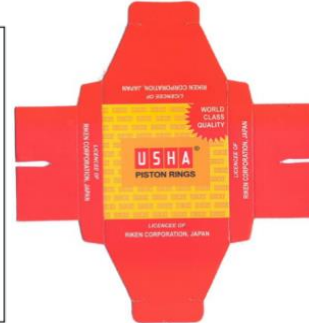
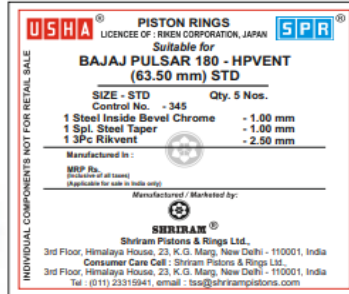


SHRIRAM PISTONS & RINGS

MD: TS: 24/FEB'24

INTRODUCTION CIRCULAR – **BAJAJ PULSAR 180 - 'HPVENT' - RING SET**

USHA is pleased to launch **BAJAJ PULSAR 180 'HPVENT'** ring set in its aftermarket bi-wheeler product range in all oversize.



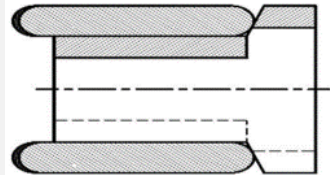


This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
Top Ring	Steel ID Bevel Chrome (HPBCR)	Steel Material	Top ring is made up of steel which possesses good elasticity, excellent resistance to twisting, breakage & wear, hence longer life.
		Inside Bevel	This ring has a bevel cut on its top inside face which facilitates ring to twist positively during downward movement & provides better sealing.
		Chrome Plating	Outer periphery of the ring is chrome plated which provides excellent wear & scuff resistance.
		Parkerising	Side faces are parkerised to provide porous surface for oil retention & lesser wear. It also prevents rusting & enhances shelf life.
2 nd Ring	Special Steel Taper (TSS)	Special Steel Material (RIK-20A)	2nd 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.
		Taper face	Ring has a Taper on OD to provide line contact with liner surface resulting in higher wall pressure for better sealing & scrapping.
		Parkerising	The ring is fully parkerised to provide porous surface for oil retention & lesser wear. It also prevents rusting & enhances shelf life.

Oil Ring	RIKVENT	'RIKVENT' Design	'RIKVENT' ring has a unique design consisting of three parts i.e. two rails & one spacer. The spacer acts as an expander and has protruded lips which not only push ring rails against cylinder walls but also tilt lower rail upwards and upper rail downwards making it nearly impossible for lubricating oil to go up towards combustion chamber, resulting in lower oil consumption.
		Steel Spacer & Rails	Spacer ring is made of steel having better conformability for enhanced oil scrapping & longer life.
		Chrome Plating	The rails are chrome plated for better wear resistance.
		Parkerising	Side faces of the rails are parkerised to provide porous surface for oil retention & lesser wear. It also prevents rusting & enhances shelf life.

Technical data of **BAJAJ PULSAR 180 'HPVENT'** ring set is as under:

TECHNICAL DATA- BAJAJ PULSAR 180 - 'HPVENT' - RING SET (ø 63.50 mm)						
						USHA Code → 345
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	HPIBCR	1.00	0.15-0.30	06-12	Chrome Plating/ Parkerising	
2 nd	TSS	1.00	0.30-0.45	12-18	Parkerising	
Oil	RIKVENT	2.50	0.20-0.70	08-28	Chrome Plating/ Parkerising	

USHA **BAJAJ PULSAR 180 'HPVENT'** ring set is specially designed to reduce oil consumption and blow-by for an excellent performance.



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Shriram Pistons & Rings Ltd., 3rd Floor, Himalaya House, 23, Kasturba Gandhi Marg, New Delhi-110001
 Tel: 011-46451100, 23315941, Email: tss@shrirampistons.com, Website: www.shrirampistons.com