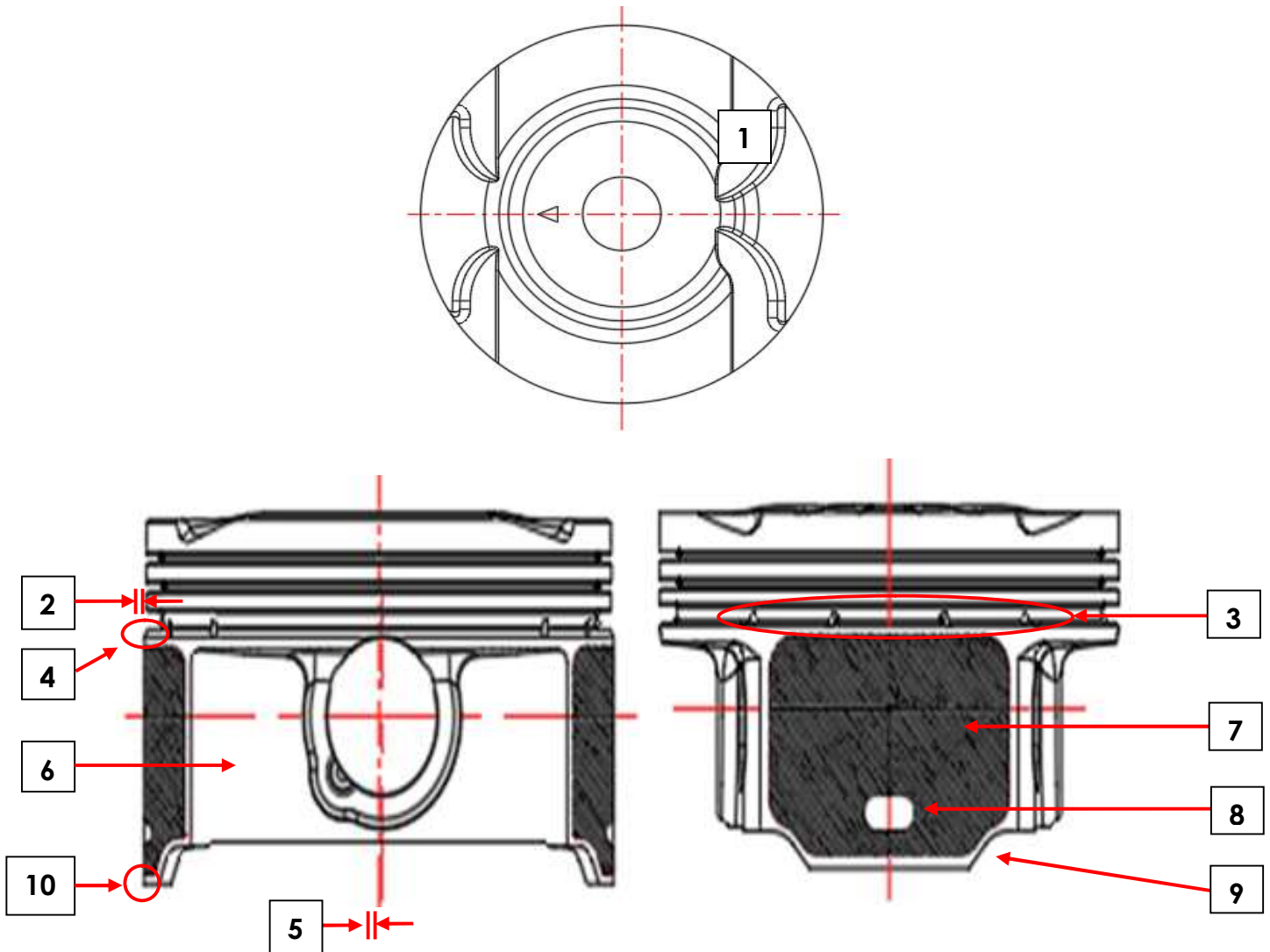




USHA is pleased to launch **Bajaj Pulsar 200 NS** piston assembly in its Bi-wheeler product range.

This piston assembly has following special features:-

PISTON:-



Unique features of USHA 'Bajaj Pulsar 200 NS' piston are as follows:-

SL. NO.	SPECIAL FEATURE	BENEFITS TO CUSTOMER
1)	AS CAST CROWN: The crown of Bajaj Pulsar 200 NS piston is not machined and is as cast. As cast crown has better grain structure which improves piston strength and heat resistance etc.	<ul style="list-style-type: none">Improves piston life

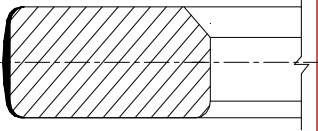
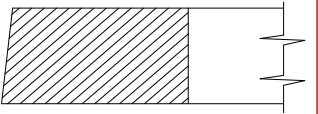
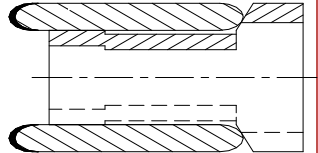
2)	CUT BACK IN SECOND RING LAND: This piston is provided with a cut back in second ring land for better seating, stability & functioning of intermediate ring.	<ul style="list-style-type: none"> Helps in controlling blow-by & reduces oil consumption
3)	OIL HOLES IN RING GROOVE AREA: Pulsar 200 NS piston has been provided with 04 nos. of oil holes on each side in the oil ring groove.	<ul style="list-style-type: none"> Faster drainage of excess oil Reduced oil consumption
4)	'J' CUT: This piston has been provided with a unique 'J' cut just below oil ring groove area.	<ul style="list-style-type: none"> 'J' cut provides all time lubrication to piston skirt No piston seizure in extreme limits of normal working conditions
5)	PISTON - PIN BORE OFFSET: Pulsar 200 NS piston is provided with piston pin bore offset to avoid piston slap. Piston pin bore offset means that the centre line of piston is slightly offset from the centre line of pin bore. Due to this offset, piston tilts at TDC & BDC smoothly & prevents slapping with liner.	<ul style="list-style-type: none"> Reduced engine noise
6)	AS CAST RELIEF IN PIN BORE AREA: This piston is provided with as cast relief in pin bore area which helps in faster drainage of oil towards sump & avoiding chances of seizure on minor axes.	<ul style="list-style-type: none"> Low oil consumption Longer life
7)	'NANO-FRIKS COATING' ON PISTON SKIRT: Pulsar 200 NS piston is provided with 'Nano-friKS' coating on its skirt.	<ul style="list-style-type: none"> Helps in initial lubrication & seizure free operation Better wear resistance Reduces engine noise
8)	MEASURING POINTS ON PISTON SKIRT:	<ul style="list-style-type: none"> Provided for easy diameter verification
9)	SLIPPER DESIGN: Pulsar 200 NS piston is provided with Slipper design which helps in reducing piston weight & provides better guidance to its movement.	<ul style="list-style-type: none"> Improved fuel efficiency Better guidance to rings Low noise during engine working
10)	SCRAPPING CHAMFER: A smooth chamfer is provided at the bottom end of the piston.	<ul style="list-style-type: none"> Helps in regulating oil supply, reduces skirt wear & hence longer life

TECHNICAL DATA – 'BAJAJ PULSAR 200 NS' PISTON

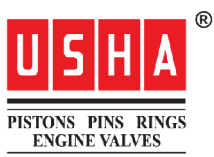
USHA CODE → S71		
Nominal Bore Diameter	mm	72.00
Piston Diameter	STD Size mm	71.97
Recommended Piston-Liner Clearance	mm	00.03
Compression Height	mm	21.80
Total Height	mm	39.00
Piston Pin- Pin Bore Clearance	mm	+0.010 to +0.021 (Clearance fit)

PISTON RINGS:-

USHA 'BAJAJ PULSAR 200 NS' piston is supplied with a unique 'HPVENT' ring set for low oil & fuel consumption. The technical details of 'HPVENT' ring set are as under:-

TECHNICAL DATA – 'BAJAJ PULSAR 200 NS' – 'HPVENT' RINGSET						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	Inside Bevel Steel	1.00	0.15-0.30	6-12	Chrome Plating/ Parkerising	
Second	Taper Special Steel	1.00	0.35-0.50	14-20	Parkerising	
Oil Ring	RIKVENT	2.50	0.20-0.70 (Rails)	08-28	Chrome Plating on Rails/ Parkerising	

Above features make USHA **Bajaj Pulsar 200 NS** piston assembly unique, produced to give better performance & longer life.



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