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INTRODUCTION CIRCULAR – EICHER E366 BS VI DIESEL 'IP DVM'- RING SET

USHA is pleased to launch **EICHER E366 BS VI DIESEL 'IP DVM'** ring set in its aftermarket LCV product range.

This ring set is common to **Eicher Pro 2049, Pro & Starline bus 2050, Pro 2055, Pro 2059, Starline 2065** series models.

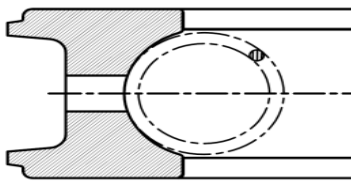


This ring set has following special features: -

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
Top Ring	Steel Half Keystone Ion Plated HPKHIP	Steel Material	Top ring is made up of steel alloy which possesses good elasticity, excellent resistance to twisting, breakage & wear, hence longer life.
		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 ring groove resulting in lesser blow-by.
		Ion Plating	Ion plating is a Japanese technology based on PVD (Physical Vapour Deposition) through which chrome and nitrogen ions get deposited on ring outer surface, which improves wear & scuff resistance, hence extended life.

		Parkerising	Side faces are parkerised to provide porous surface for oil retention resulting in better lubrication, hence lesser wear.
2 nd Ring	Reverse Torsion (RT)	Taper face	Ring has a Taper on OD to provide line contact with liner resulting in higher wall pressure & hence better sealing.
		Inside bevel on lower face	Ring has a bevel cut on lower inside face due to which ring twists in anti-clockwise direction during suction stroke which locks the groove to minimize blow-by & restricts upward movement of oil towards combustion chamber.
		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication, hence lesser wear.
Oil Ring	Diesel Vent 'M' shape Oil Ring (DVM)	Steel Material	Ring is made up of stainless steel material for longer life.
		Gas Nitriding	The ring is gas nitrided to provide wear resistance to all surfaces, hence longer life.
		Highly Conformable	DVM ring itself has built-in tension and springs beneath makes this ring highly conformable and adjustable to bore wear for better oil scraping.
		Sharp Scraping Ring Lands	The sharp scraping lands with high wall pressure ensure better scraping of oil resulting in lower oil consumption.
		Multiple Oil Drainage Slots	Ensures faster drainage of oil towards sump.
		Excellent Flatness	Side faces of DVM oil ring remain flat and do not swell as in case of cast iron ring for a free movement in groove.
		Light in weight	Ring is lighter in weight than ordinary cast iron ring which reduces the fluttering of ring in grooves. Less fluttering avoids pumping up of oil thereby reducing oil consumption.

Technical data of **EICHER E366 BS VI DIESEL 'IP DVM'** ring set is as under:

TECHNICAL DATA- EICHER E366 BS VI DIESEL 'IP DVM' - RING SET (ø 94.00 mm)						
						USHA Code→ LRO-L48
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	HPK _{HIP}	2.94	0.25-0.35	10-14	Ion Plating (PVD)/ Parkerising	
2 nd	RT	2.00	0.60-0.80	24-32	Parkerising	
Oil Ring	DVM	2.50	0.25-0.45	10-18	Gas Nitriding	

Above features make USHA **EICHER E366 BS VI DIESEL 'IP DVM'** ring set unique, produced to give better performance & longer life.



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