



SHRIRAM PISTONS & RINGS LTD.

MD:TS:37/DEC'24 INTRODUCTION CIRCULAR-HYUNDAI CRETA NEW (W16)/ XCENT (U12) 'SUPER DVM'-RING SET

USHA is pleased to launch **HYUNDAI CRETA NEW (W16)/ XCENT (U12) DIESEL 'SUPER DVM'** ring set in its aftermarket PV/ Car product range.


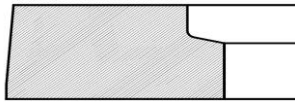
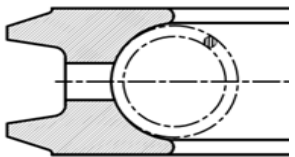


This ring set has following special features:

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
TOP RING	Steel Chrome (HPCR)	Steel Material	Top ring is made up of steel material which possesses good elasticity, excellent resistance to twisting, breakage & wear, hence longer life.
		Chrome Coating	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 resulting in better lubrication, hence lesser wear.
2 nd RING	Taper Inside Step (TIS)	Taper face	Ring has a Taper on OD to provide line contact with liner resulting in higher wall pressure, hence better sealing.
		Inside Step	Ring has a step cut on its upper inside face due to which ring tilts positively and locks ring groove to avoid oil escaping towards combustion chamber during upward movement. 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	Diesel Vent 'M' shape (DVM)	Steel Material	Ring is made up of steel for longer life.
		Gas Nitriding (GN)	Ring is gas nitrided to provide better wear resistance to all surfaces, hence longer life.
		Highly Conformable	DVM ring has built-in tension & spring beneath makes it highly conformable which facilitates to adjust itself to the varying wear pattern of cylinder liner for perfect sealing & excellent oil scrapping for lower oil consumption.

		Sharp Scraping Ring Lands	The sharp ring lands with high wall pressure ensures 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 ring remain flat and do not swell as in case of normal cast iron oil ring for a free movement in groove.
		Light in Weight	Ring is lighter in weight than ordinary oil ring which reduces fluttering of ring in groove thereby avoids pumping up of oil, hence low oil consumption.

Technical data of **HYUNDAI CRETA NEW (W16)/ XCENT (U12) DIESEL 'SUPER DVM'** ring set is as under:

TECHNICAL DATA- HYUNDAI CRETA NEW (W16)/ XCENT (U12) DIESEL 'SUPER DVM' - RING SET (ø 77.20 mm)						
USHA Code → C54						
Ring	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top	HPCR	1.50	0.15-0.30	06-12	Chrome Coating/ Parkerising	
2 nd	TIS	1.50	0.15-0.30	06-12	Parkerising	
Oil	DVM	2.00	0.25-0.45	10-18	Gas Nitriding	

USHA **HYUNDAI CRETA NEW (W16)/ XCENT (U12) DIESEL 'SUPER DVM'** ring set is specially designed to reduce oil consumption & blow-by for an excellent performance & is available in a **single cylinder** attractive packaging.



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