



MD: TS: 46/MAR'26 INTRODUCTION CIRCULAR – ELGI AIR COMPRESSOR 60 mm 'CBO' - RING SET

USHA is pleased to launch ELGI Air Compressor 60 mm 'CBO' ring set in its Industrial/ Off-road application product range in aftermarket.



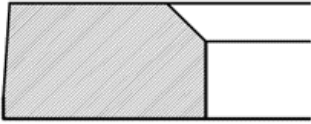

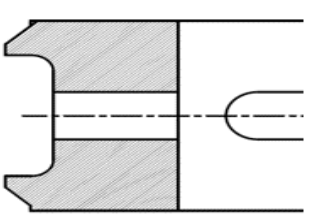
This ring set has following special features:

All these rings are made of **Cast Iron material** which retains its integrity of its original shape under extended engine temperatures, load & other dynamic working conditions.

ITEM	CONFIGURATION	FEATURES	BENEFITS TO CUSTOMER
Top-1	Taper Inside Bevel {TIB}	Taper face	Ring has a Taper on OD to provide line contact with liner surface resulting in higher wall pressure, hence better oil scraping.
		Inside Bevel	This ring also has a bevel cut on its top inside face which facilitates ring to twist positively during downward movement & provides better sealing.
		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.
Top-2	Taper Napier {N}	Taper face	Ring has a Taper on OD to provide line contact with liner surface resulting in higher wall pressure, hence better oil scraping.
		Napier Geometry	Scraper notch at the bottom outer face of the ring facilitates better oil control through scraping and restricting its upward movement.

		Parkerising	Ring is fully parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.
Top-3 & 4 (Oil)	Cross Bevel Oil Control {CBO}	Cross Bevel Geometry	Top & bottom OD side edges of the sliding lands have bevel geometry, exerts high surface pressure towards cylinder walls by reducing frictional losses, wear etc. & thereby provides better oil scraping.
		Parkerising	Rings are fully parkerised to provide porous surface for oil retention resulting in better lubrication & lesser wear.

Technical data of **ELGI Air Compressor 60 mm 'CBO'** ring set is as under:

TECHNICAL DATA- ELGI AIR COMPRESSOR 60 mm 'CBO' RING SET (∅ 60.00 mm)						
						USHA Code → 108
Ring/s	Ring Configuration	Axial Thickness (mm)	Closed Gap		Surface Treatment	Cross Section
			(mm)	(Thou)		
Top-1	TIB	3.00	0.10-0.25	04-10	Parkerising	
Top-2	N	3.00	0.10-0.25	04-10	Parkerising	
Top-3 & 4 (Oil)	CBO	4.00	0.10-0.25	04-10	Parkerising	

USHA **ELGI Air Compressor 60 mm 'CBO'** ring set is specially designed for reducing wear, low oil consumption & optimum performance etc.



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