Engine Cylinder Liners and Cylinder Sleeves for all Marine Engines

RA Power Solutions Pvt. Ltd. is a manufacturer of cylinder liners and cylinder sleeves for marine engines, diesel engines, compressors, pneumatic hammers and other industrial applications. We manufacture liners in a number of cast iron and alloy grades, to the metallurgical, dimensional and tolerance specification of the engine manufacturer.

Our manufacturing range consists of cylinder liners and sleeves up to 1500 mm length. We manufacture liners for popular 2-stroke and 4-stroke engines used in marine, power generation, oil & gas, construction and other industries.

Why Should You Buy Cylinder Liners and Cylinder Sleeves from RA Power Solutions?

Having 47 years experience in the diesel engine industry we have found that many engine manufacturers do not manufacture their own cylinder liners and sleeves, but source these from specialist foundries.

Buying these parts directly from the engine manufacturer can be expensive in many cases. Availability can also be an issue, especially when the required liner is not in ready stock.

RA Power Solutions provides an alternative for customers looking for good-quality cylinder liners at a competitive price. Our manufactured liners are built to original dimensions and require material specifications. For a lot of products our prices are about one third of the prices charged by engine manufacturers.

With cylinder liners and sleeves made by RA Power Solutions, customers can reduce their maintenance costs, while retaining the quality and performance they need.

Cylinder Sleeve Manufacturing Process and Quality Assurance

All our cylinder liners are manufactured by centrifugal casting. The process helps to obtain uniform distribution of material and required metallurgical properties.

Once cast, the liners are machined in-house on CNC machines to hold dimensions, tolerances and surface finish per original drawings.

Inspection and Quality control equipment

All cylinder liners are checked by our skilled engineers. Our testing and inspection facilities include:

Metallurgical Testing To determine the material composition and properties.

Universal Tensile Testing Machine: For checking tensile strength of material.

Dimensional Inspection: Bore size, length and other critical dimensions are verified with calibrated instruments.

Hardness Testing: To check the hardness specification of the material.

Crack Detection: Inspection is performed with a high intensity UV lamp.

Final Inspection: The completed cylinder liners are inspected by experienced engineers before dispatch.

Cylinder Liners & Cylinder Sleeves Manufacturer & Exporter

RA Power Solutions produces and exports cylinder liners and sleeves for various engines and industrial equipment. We produce parts for locomotives, earthmoving machinery, tractors, oil and gas equipment, forging machines, compressors and marine engines.

We take orders for small quantities. Cylinder liners can be reverse engineered from customer's drawings or existing samples. This enables us to make parts for older engine models where original spare parts may be hard to find.

Our Cylinder Liner Portfolio

Our manufacturing includes cylinder liners for several popular engine manufacturers, such as:

Allen, 1999. B&W Daihatsu MAN 2 Niigata Prefecture Cat Deutz Sulzer 7. Yanmar Bergen Cummins SKL 5. Ruston Skoda

PUT (kVA)	FREQUNCY (Hz)	VOLTAGE (V)	DIESEL ENGINE	RPM
405	50	400/231	6S275III	600
405	50	400/231	6-27,5 A0S	600
500	50	400/231	6S275PN	500
608	50	400/231	6S275IIIPN	600
608	50	400/231	6-27,5 A2S	600
825	50	400/231	6S275IIIPV	600
825	50	400/231	6-27,5 A4S	600
860	50	400/231	6S350PN	375

860	50	6300	6S350PN	375
860	50	11000	6S350PN	375
1525	50	6300	9S350IIPS	375
1525	50	11000	9S350IIPS	375
1525	50	6300	9TS35/50-2	375
1525	50	11000	9TS35/50-2	375
1600	50	400/231	6-27,5 B8S	750
1600	50	6300	6-27,5 B8S	750
1600	50	11000	6-27,5 B8S	750
2140	50	6300	6-27,5 B8S	750
2140	50	11000	6-27,5 B8S	750
2270	50	6300	6-38 A6S	500
2270	50	11000	6-38 A6S	500

Cylinder liners for following SKL engine models are manufactured and available in stock.

S. NO	Engine Model	Bore Size
1	SKL NVD26	180 mm
2	SKL VD26	200 mm
3	SKL NVD36	240 mm
4	SKL VD36	240 mm
5	SKL NVD48AU	320 mm

Warranty on Cylinder Sleeves and Cylinder liners

RA Power Solutions has full confidence in the quality and performance of the manufactured cylinder liners and sleeves.

We guarantee satisfactory performance for a period of 24 months from date of dispatch or 6,000 operating hours, whichever is the shorter.

For any queries regarding cylinder liners, cylinder sleeves, drawings, available stock or custom manufacturing requirements please contact RA Power Solutions directly.

For more information on engine cylinder liners and cylinder sleeves, Cylinder sleeves manufacturers, contact us on raj.shahani@rapowersolutions.com or info@rapowersolutions.com or call us at +91-9582647131