

— PREMIUM NATIONAL CHANNEL PARTNER — PARKER HANNIFIN, USA

SEALS BUILT FOR THE GRINDING.

Sealing Technologies is the **premium national channel partner for Parker Hannifin, USA, in India** — specializing in large diameter rotary seals for heavy industrial applications

FOR CEMENT & HEAVY INDUSTRIES.



METAL OD ROTARY SEALS

VRM ROLLERS · MAIN MILL GEARBOXES



LARGE DIAMETER V-RINGS

ROLLER PRESS BEARINGS



We bring **genuine Parker seals** to the toughest applications in the Indian cement industry — large diameter metal OD rotary seals for VRM grinding rollers and main mill gearboxes, and large diameter V-rings for roller presses.

PARTNERSHIP

NATIONAL

Premium national channel partner across India.

PRINCIPAL

**PARKER
HANNIFIN**

Genuine, high-performance sealing solutions from Parker Hannifin, USA.

SPECIALTY

LARGE Ø

Rotary seals and V-rings for heavy industrial applications.

DUST. HEAT. SHOCK. LOAD.

Abrasive cement dust, sustained heat, high vibration and heavy load — every one of them is after your bearings. **We seal them out.**

— 03 — OUR PRODUCTS

LARGE Ø. HEAVY DUTY.

Large diameter metal OD rotary seals and V-rings
providing **robust protection against dust ingress
and contamination** in high-load grinding operations.

METAL OD ROTARY SEAL

VERTICAL ROLLER MILLS

Sealing VRM grinding roller bearings against the fine, abrasive dust of raw meal, coal and cement grinding — under heavy grinding load.

VRM

GRINDING ROLLERS

FINE DUST

SEAL • GRINDING ROLLER



METAL OD ROTARY SEAL

MAIN MILL GEARBOX

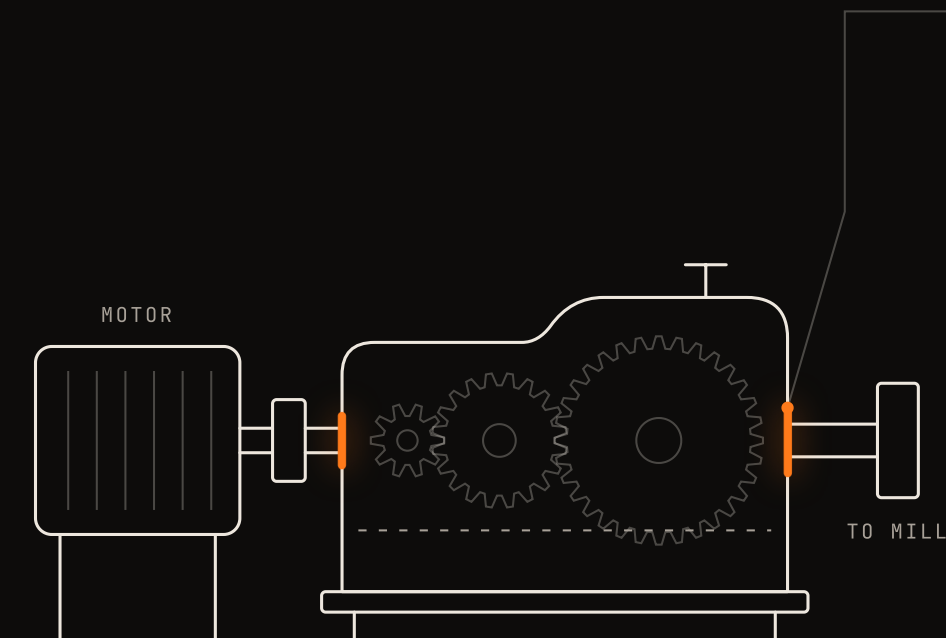
Keeping lubricant in and grinding dust out at the input and output shafts of the heavy-duty main mill gearbox.

SHAFT SEALS

LUBRICATION ZONE

CONTAMINANT EXCLUSION

SEAL · GEARBOX SHAFTS



LARGE DIAMETER V-RING

ROLLER PRESS

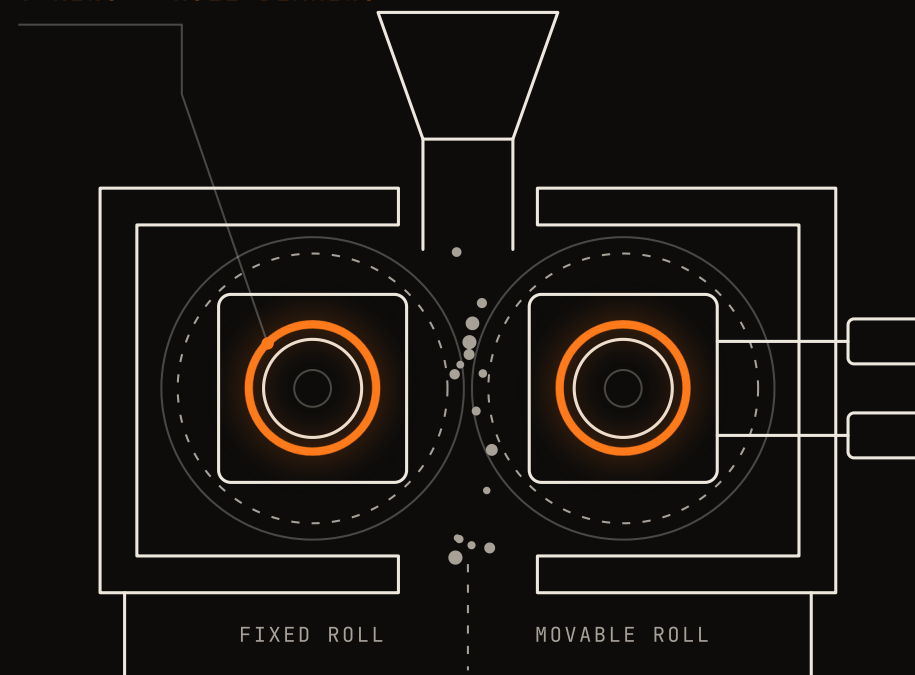
Protecting roller bearings from fine grinding dust under the high-pressure, high-vibration conditions typical of roller press units.

V-RING

SHOCK LOADING

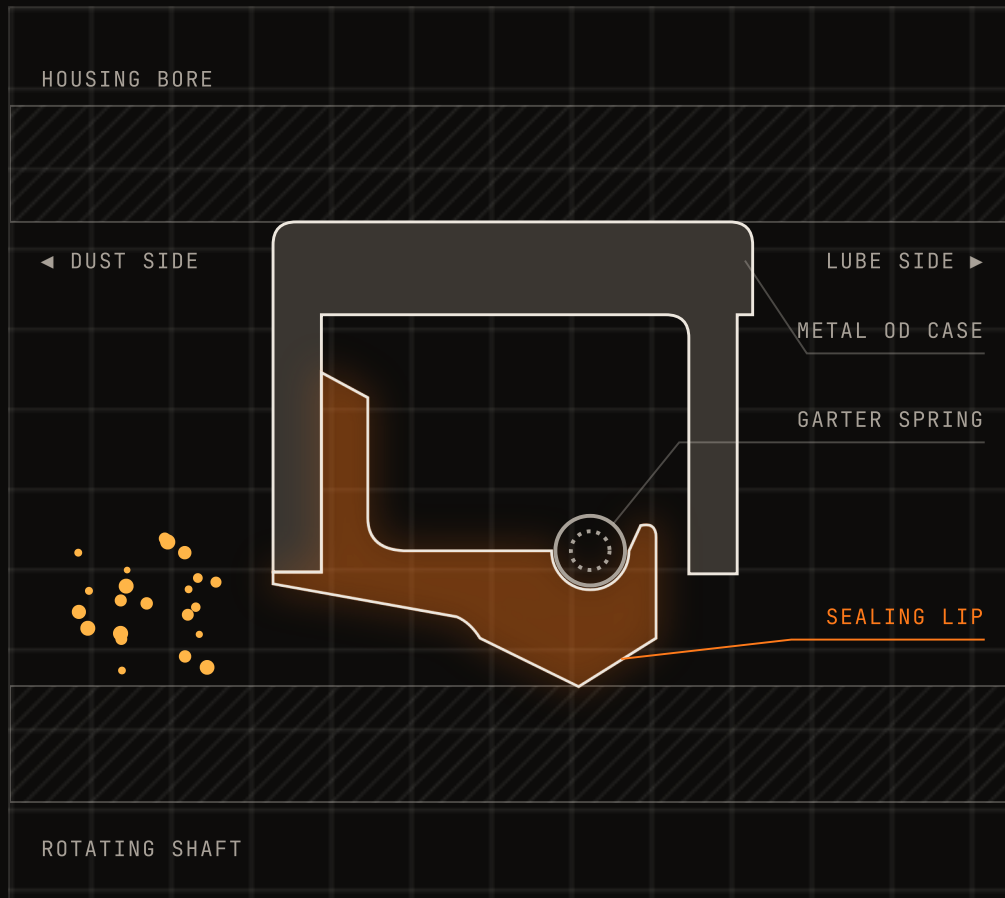
BEARING LIFE

V-RING • ROLL BEARING



ENGINEERED WHERE IT COUNTS.

SECTION A-A • METAL OD ROTARY SEAL



ROTARY SEALS

Large diameter metal OD rotary seals for VRM grinding rollers and main mill gearboxes.

01 – Exclusion

Superior dust & particulate exclusion

Keeping abrasive cement dust out of critical bearing and lubrication zones.

02 – Resistance

Heavy contaminant resistance

Built to withstand continuous exposure to the heavy particulate loads common in mill environments.

03 – Stability

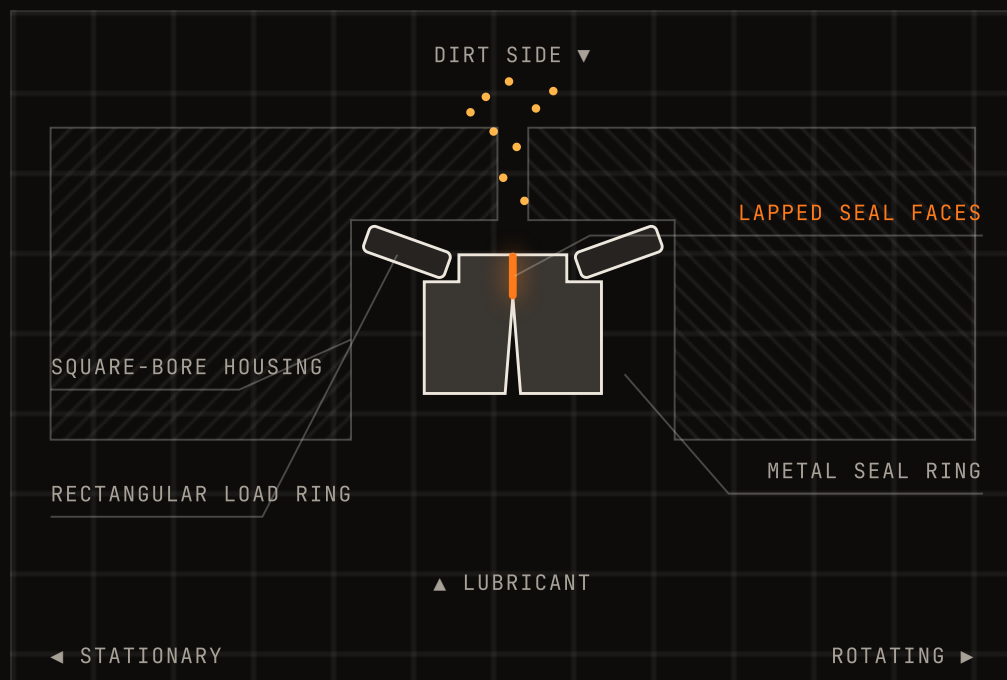
High temperature stability

Engineered to maintain seal integrity even under sustained high operating temperatures.

HDDF & DUO-CONE

SECTION C-C • HDDF FACE SEAL

SQUARE BORE



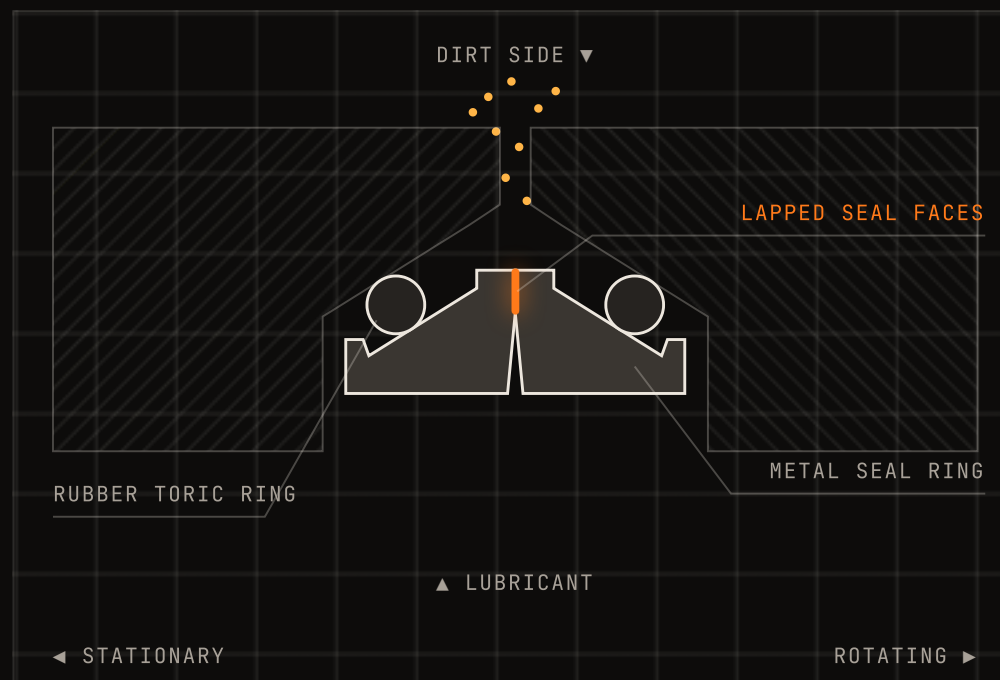
HEAVY DUTY DUAL FACE

HDDF

A rectangular, Belleville-style rubber load ring sits in a plain square-bore housing. It needs less axial space, and the housing is simpler to machine.

SECTION D-D • DUO-CONE FACE SEAL

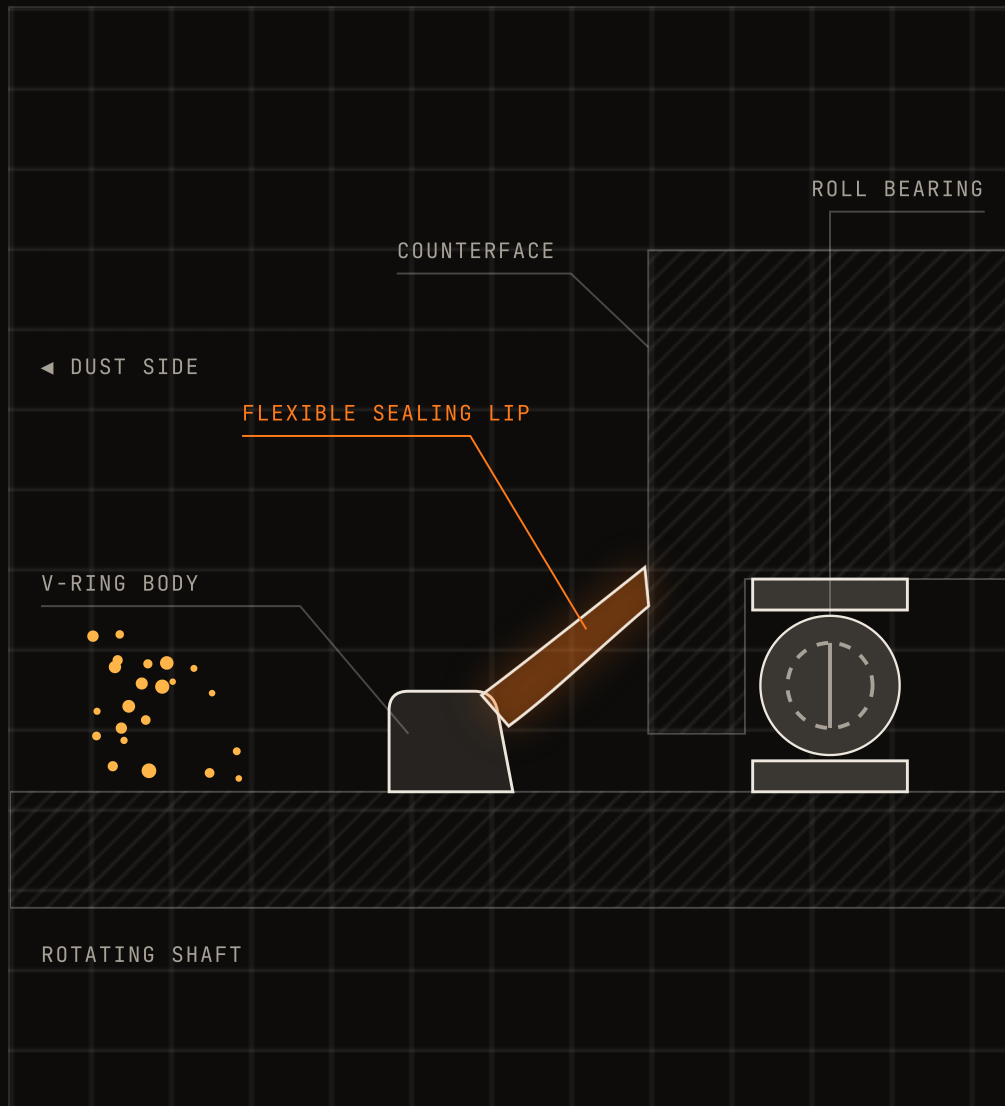
RAMP HOUSING



TORIC-LOADED METAL FACE SEAL

DUO-CONE

A round rubber toric ring rides between matching ramps on the seal ring and the housing. It loads the faces like a spring, seals the housing bore and turns the ring with the housing.



V-RINGS FOR ROLLER PRESS

Large diameter V-rings protecting roller press bearings in high-load grinding.

01 – Exclusion

Effective dust & debris exclusion

Protecting roller bearings from the fine grinding dust generated during roller press operation.

02 – Endurance

Resistance to heavy shock loading

Built to handle the high-pressure, high-vibration conditions typical of roller press units.

03 – Uptime

Extended bearing life

Reducing contamination-related failures and cutting maintenance downtime for grinding units like Durgapur.

ACC ○ **AMBUJA CEMENT** ○ **ULTRATECH CEMENT** ○
SHREE CEMENT ○

BIRLA CORPORATION ○ **DALMIA CEMENT** ○ **NUVOCO CEMENT** ○
JK CEMENT ○ **INDIA CEMENTS** ○

— PROVEN IN THE MILL

TRUSTED BY INDIA'S CEMENT LEADERS.

As Parker Hannifin's trusted channel partner, we've been supplying large diameter rotary seals to leading cement manufacturers across India for many years — including **ACC**, **Ambuja Cement**, **UltraTech Cement**, **Shree Cement**, **Birla Corporation**, **Dalmia Cement**, **Nuvoco Cement**, **JK Cement** and **India Cements**. Our seals have a proven track record of satisfactory long-term performance in demanding mill environments, backed by consistent repeat orders from these plants for the last 25 years.



Genuine Parker Hannifin

Parker Hannifin's trusted channel partner for genuine, high-performance sealing solutions.



Many years in cement

Supplying large diameter rotary seals to leading cement manufacturers across India.



Consistent repeat orders

Satisfactory long-term performance in demanding mill environments, proven plant after plant.

PAY FOR THE SEAL. NOT THE SHUTDOWN.

Premium Parker Hannifin seals and V-rings carry a higher upfront cost than generic alternatives — but their extended service life and reliability dramatically reduce unplanned downtime. For a grinding or mill unit, even a single unplanned shutdown can cost several lakhs to crores of rupees in lost production.



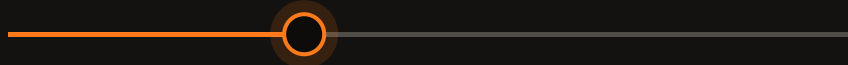
— DOWNTIME CALCULATOR

WHAT DOES ONE SHUTDOWN COST YOU?

Illustrative estimate of lost production value. Shown with example plant figures.

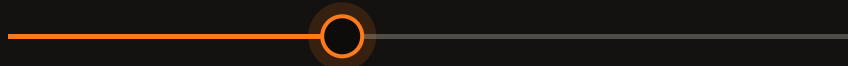
Mill output

150 t/h



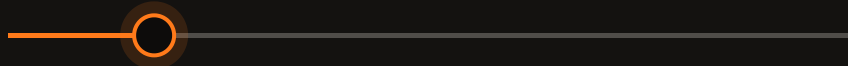
Product value

₹4,500 / t



Unplanned downtime

12 h



ESTIMATED LOST PRODUCTION

₹81,00,000

≈ ₹81.0 LAKH

$150 \text{ t/h} \times ₹4,500/\text{t} \times 12 \text{ h}$

LET'S SEAL YOUR PLANT.

Partner with Sealing Technologies, your trusted Parker Hannifin channel partner, for genuine, high-performance sealing solutions. Contact us today for a technical consultation or site assessment to optimize your cement plant's sealing performance.

BOOK A TECHNICAL CONSULTATION →

REQUEST A SITE ASSESSMENT

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SEALING TECHNOLOGIES

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