

NRB BEARINGS LIMITED

We are a complete friction solutions provider.
We develop bearings from design to delivery.

THE VISION

To be the recognized leader in the design and delivery of customized friction solutions, with a presence in every quality vehicle in the world.

MISSION

To supply highly engineered products at optimal cost, leading us to be the preferred business partner; our people are our most important resource, and our team spirit and sense of ownership, empowers each individual, driving innovation and performance.

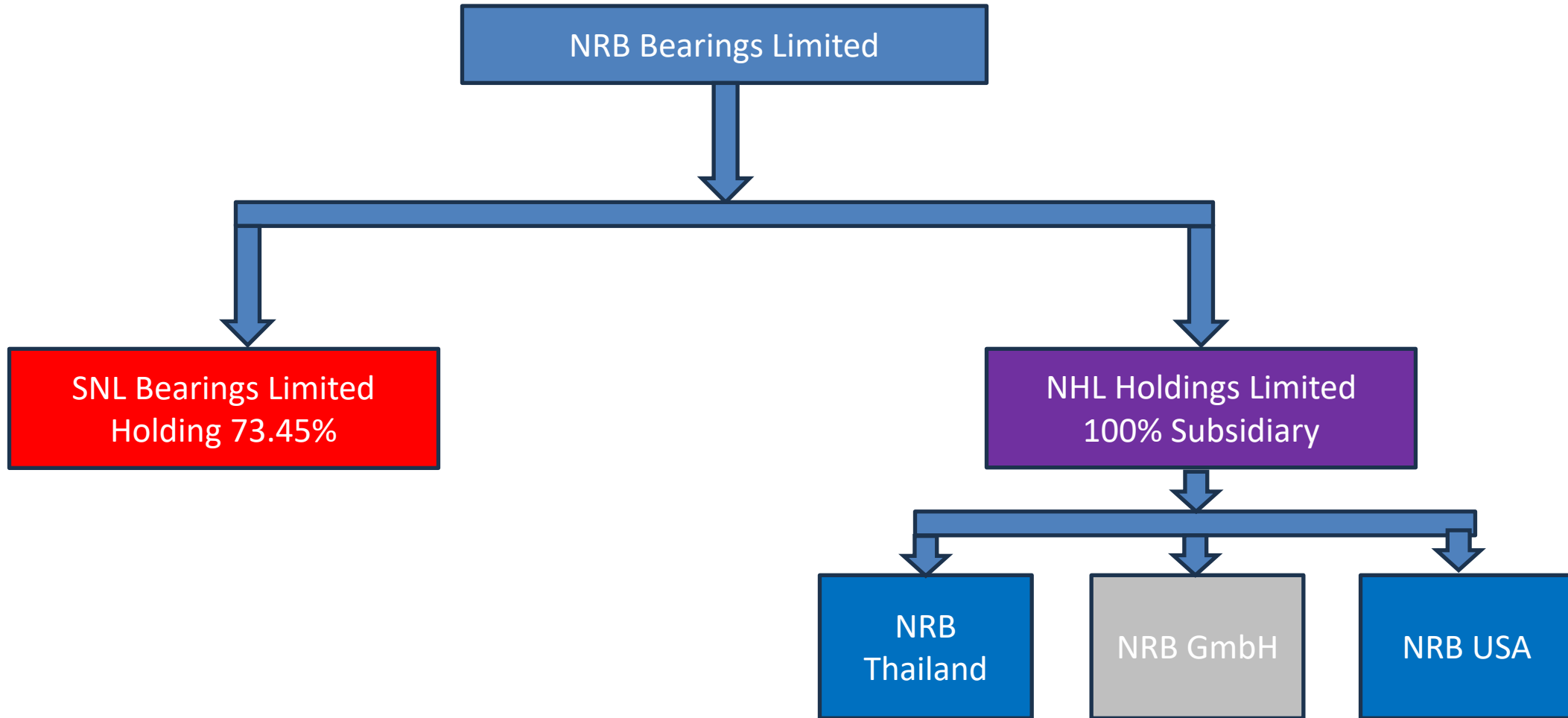
Culture and Values

To recognize individuals who respect and communicate our values and are consistently ethical.

To create a culture that fosters innovation and rewards out-of-the-box thinking which leads to quantum improvements and measurably impacts the quality of our organizational results.

To improve the environment and the communities we serve, with a focus on delivering sustainable products, adhering to the highest International Quality Management System requirements, and continually optimizing resources as we reduce time to market.

ORGANIZATION CHART



EXECUTIVE SUMMARY

- Re-inventing our future. NRB is using its low leverage-D/E of under 0.20 to drive into the future.
- Re-focusing our capabilities and resources into market opportunities where we have low penetration (Aftermarket ,Industrial Mobility, Defense)
- NRB is uniquely positioned with it's enviable position based on **technology leadership, lower cost of production, low leverage, and strong, de-risked customer relationships**, giving us a unique competitive advantage in an uncertain world.

EXECUTIVE SUMMARY... continued

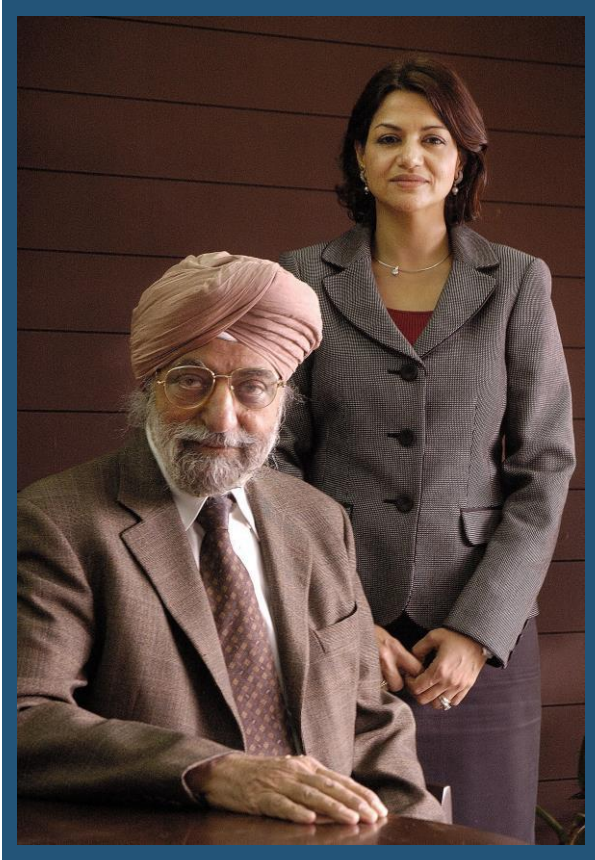
- Potential Growth Market- expansion of product range and penetration at our large Key Global Customers, that span ICE/Hybrid EV and Agnostic (technology- driven common platforms that will not change in this transition).
- Thrust into OEM-driven Industrial Mobility Segments, with high entry barrier which is our proven strength (currently 11 percent).
- Thrust into Aftermarket (currently 12 percent of Sales)
- Cost Optimization Strategy including focus on solar, logistics, process and material optimization
- Cash Flow Improvement post stabilization of fire related situation.
- High Growth & Profitability improvement.

WHAT SETS NRB APART?

- #1 in India for needle and cylindrical roller bearing
- World class R&D Facility spanning in 40000 Sq. Ft with ~70 employees
- Customized friction solutions from design to delivery across mobility application
- Leader in disruptive Innovation, light-weighting technology and rapid product development
- Young best-in class management team – 35% of our managerial team members are under the age of 33

ABOUT US

FOUNDER, LEADER



Late Mr. Trilochan Singh Sahney
Chairman & Founder

Mrs. Harshbeena Zaveri
Vice Chairman & Managing Director

LEADERSHIP TEAM



Harshbeena Zaveri
VC & MD



Satish Rangani
Director



Arvinder Kohli
Director – NRB
Thailand



Raman Malhotra
CFO



Alok Vatsa
CHRO



Saravanan Muthiah
CTO



Naresh Warriier
Market Dev. &
Strategy



Shreekant Singhi
Sr. VP - HR



Kishore Ochani
COO – IB

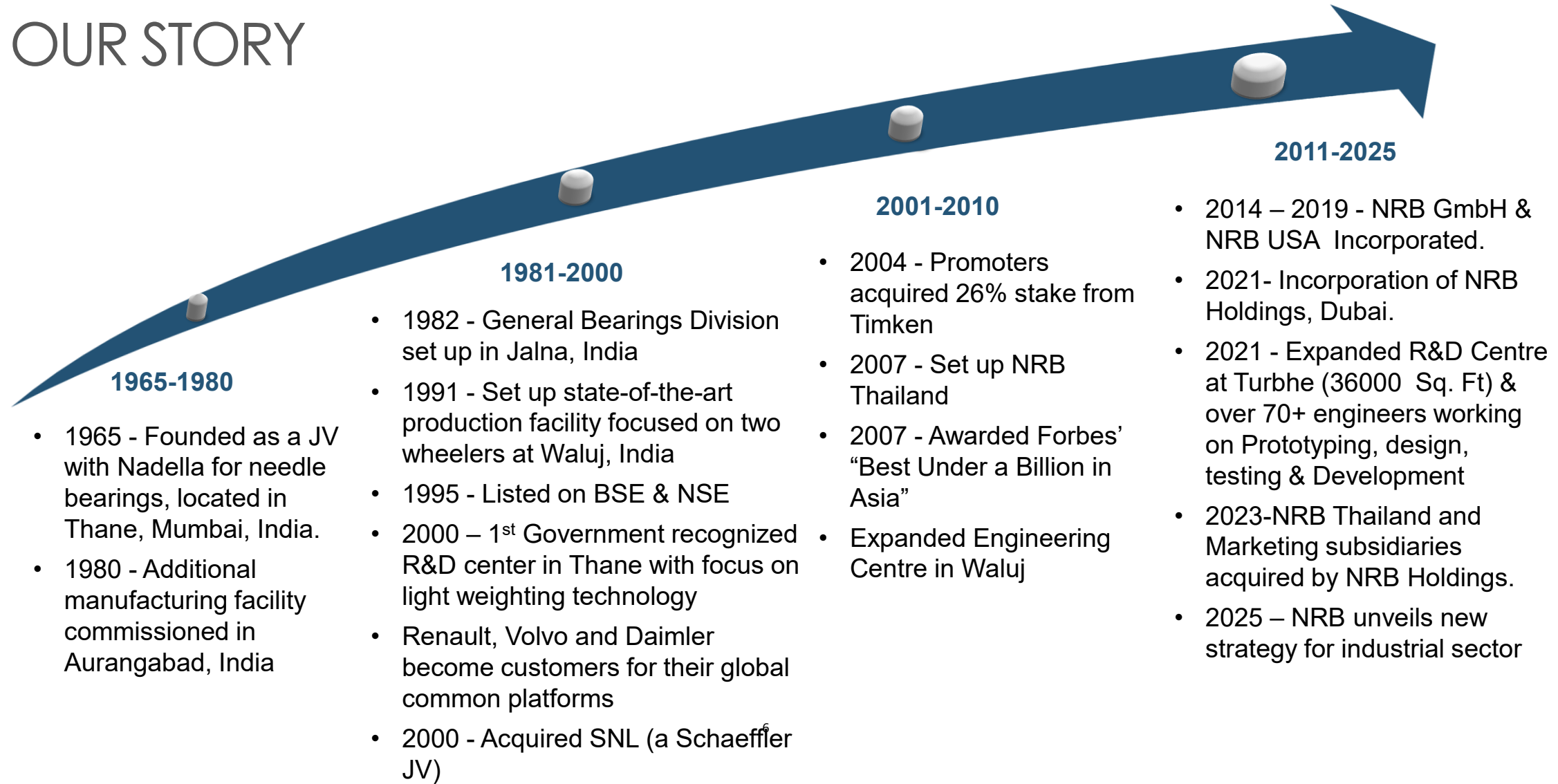


Shirish Shah
VP – Strategic
Sourcing



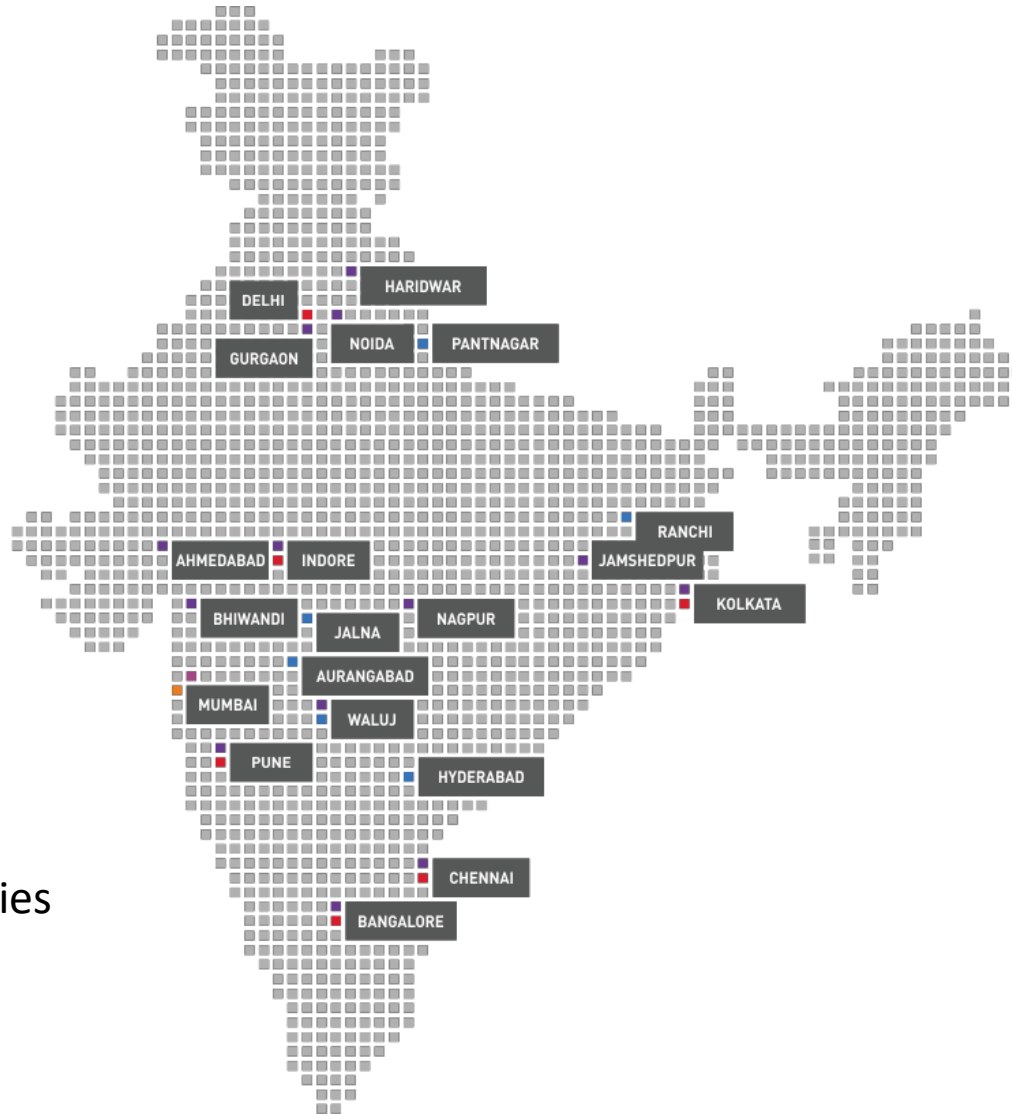
C K Mishra
VP -Manufacturing

OUR STORY



INDIA PRESENCE

- 01 Headquarter
- 01 R&D Centre
- 06 Regional Offices
- 06 Manufacturing Facilities
- 13 Warehouses



DOMESTIC CUSTOMERS

- Over **90%** vehicles on Indian roads run on NRB
- **75%** needle bearing market share
- **56%** cylindrical bearing market share with the below customers

HONDA
The Power of Dreams

 **BAJAJ**


JOHN DEERE


Hero


Mahindra

 **MARUTI
SUZUKI**


TATA


ASHOK LEYLAND

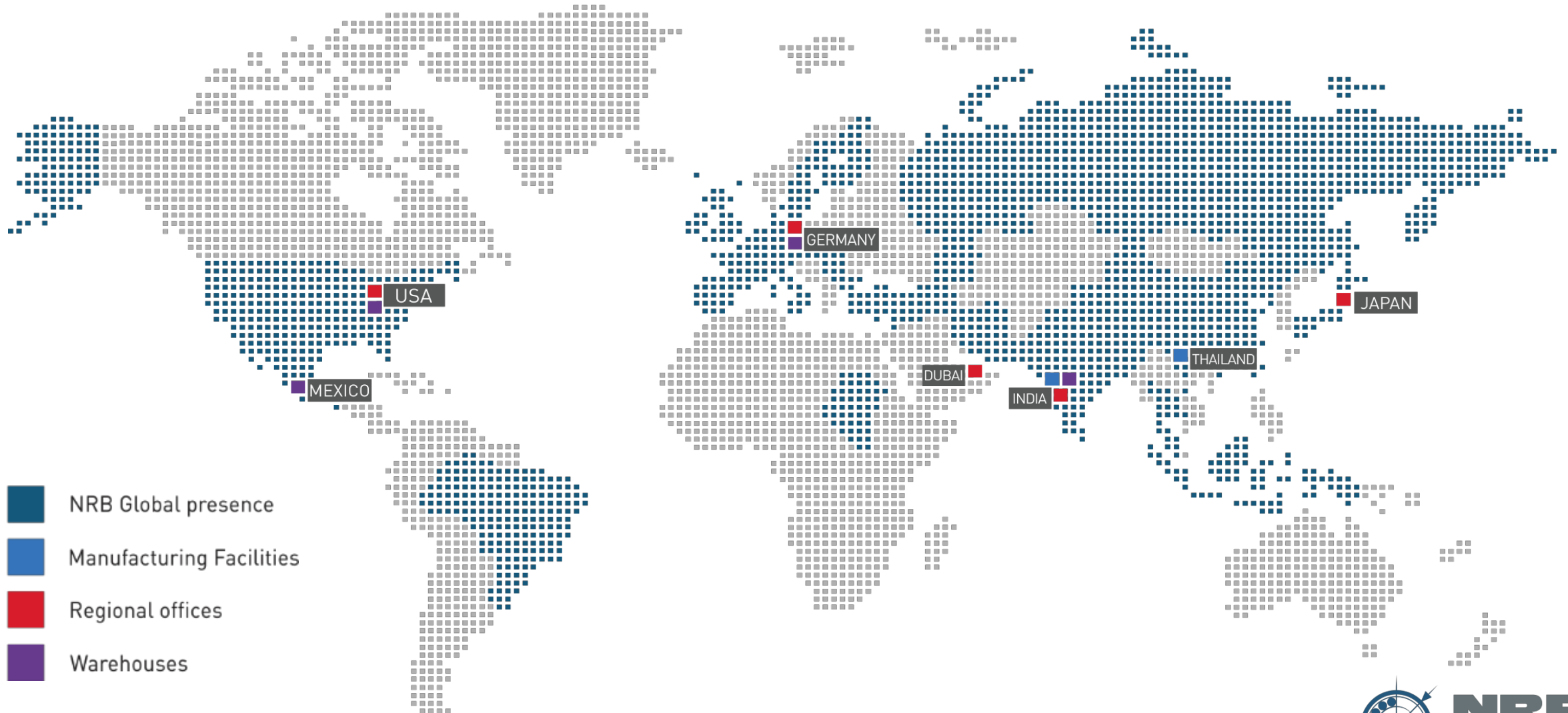
SONALIKA


EICHER

TVS 

ROYAL ENFIELD

GLOBAL FOOTPRINT



INTERNATIONAL CUSTOMERS

- Approximately 25% of our annual turnover is exported to American, German and Swedish owned corporations spanning 45 countries
- One of the largest global suppliers to the two-wheeler industry

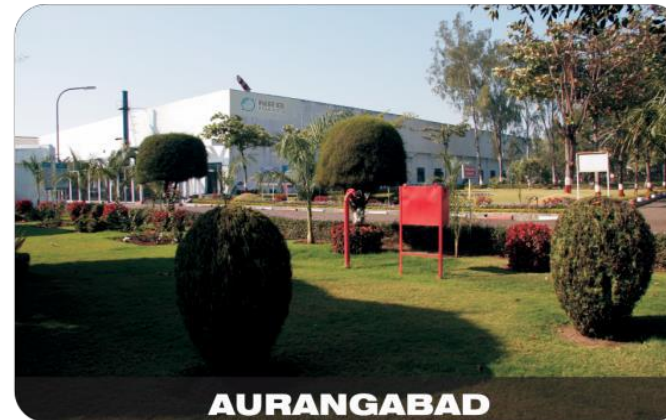
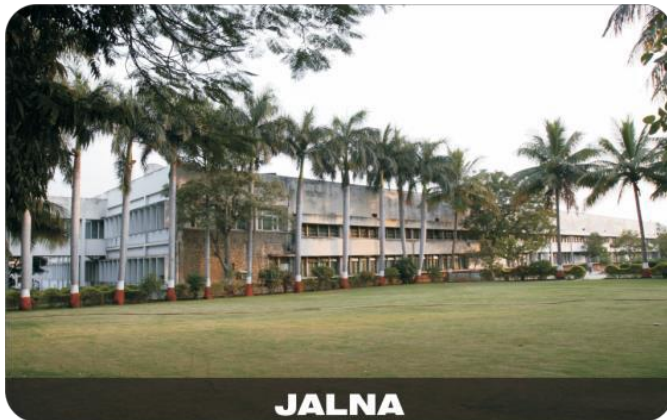
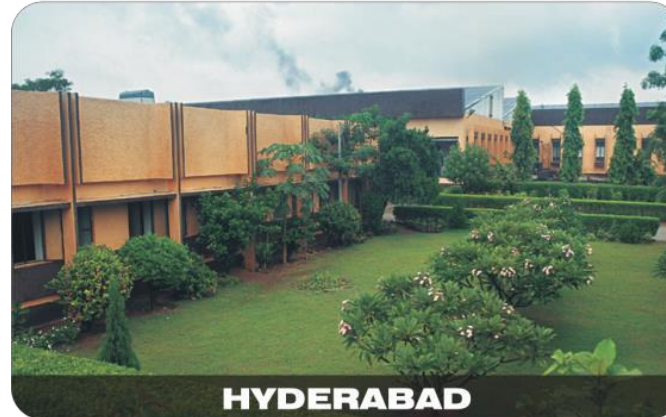
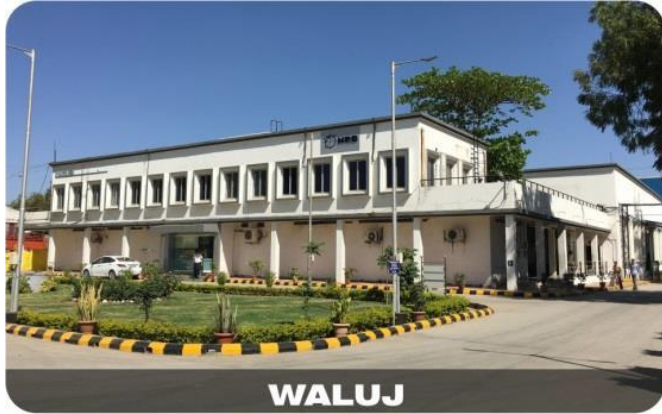


DAIMLER



MANUFACTURING UNITS AND SUBSIDIARIES

MANUFACTURING FACILITIES



Differentiators

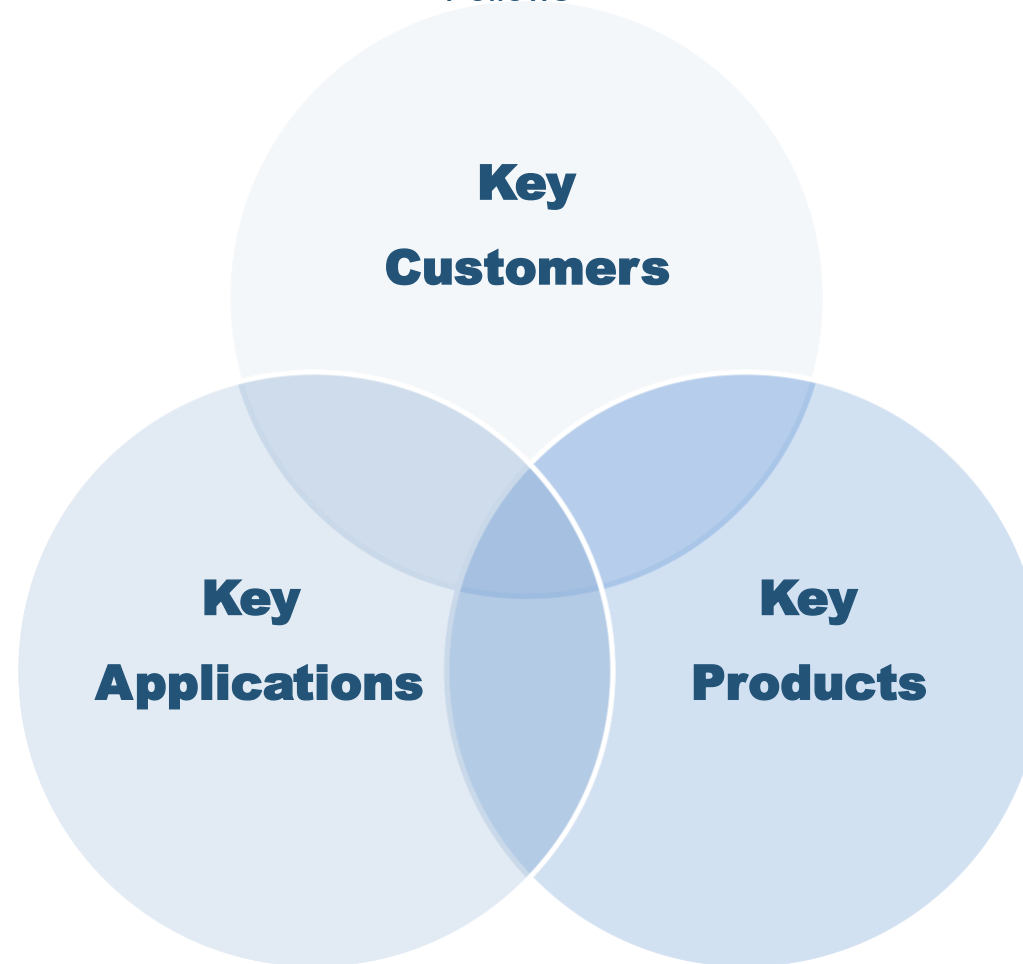
MARKET STRATEGY

KEY APPLICATIONS

Powertrain / Transmission/
Gearboxes
Driveline / Steering applications
Drivetrain / Axles and Chassis
2 and 4 stroke engines (mobile or
stationary)
E- drive/Hybrids
A.C.Compressors for mobility
Braking & Parklocks System

KEY CUSTOMERS

Follows



KEY PRODUCTS

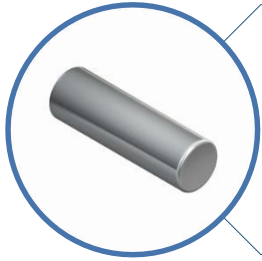
Needle Bearings
Cylindrical Bearings
(Conventional
and Drawn Cup)
Special Shafts and Pins
Rocker Arm
Special Ball Bearings
Special Taper Bearings
Thrust & Combined Bearings

Key Customer includes

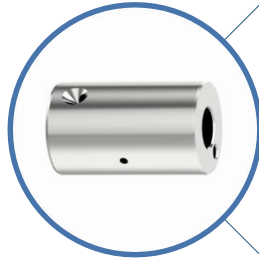


OUR PRODUCTS

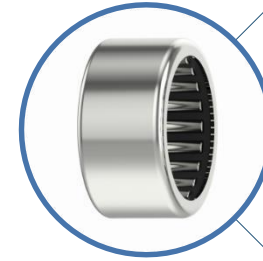
PRODUCT RANGE



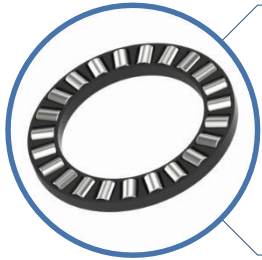
Needles and
Special Rollers



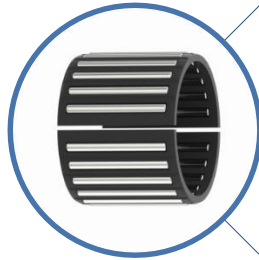
Crank pin,
Planetary Shaft and
other Special Pins



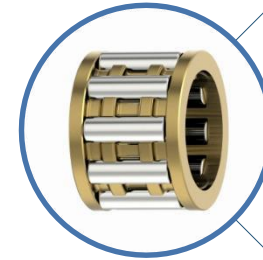
Drawn Cup Needle
Bearing



Thrust Bearing



Split Cage



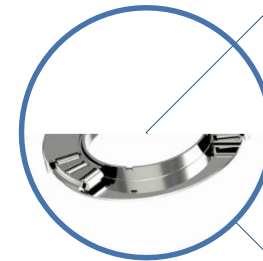
Brass Roller Cage



Washer and Spacer



Cylindrical Roller
Bearings

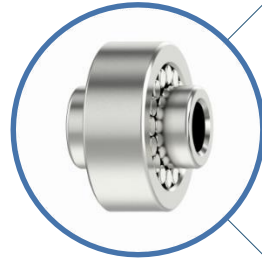


Unitized Thrust
Bearing

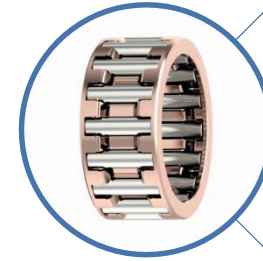
PRODUCT RANGE



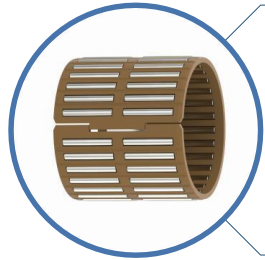
Needle and Roller
Cage



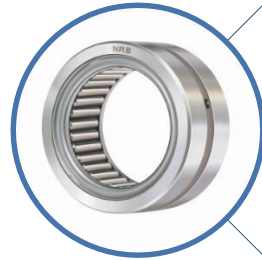
Rocker-arm
Bearing



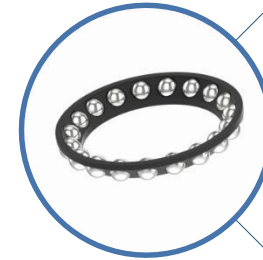
Crank Pin Bearing



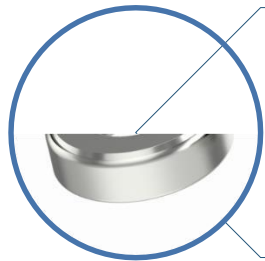
Polyamide Needle
Cage



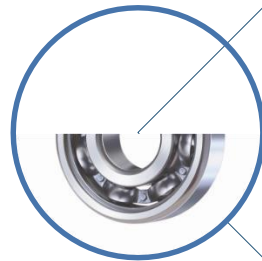
Full Compliment
Needle Bearing



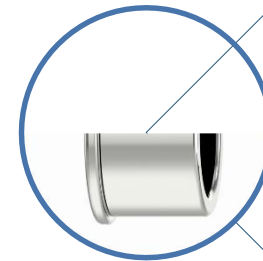
Ball Cage



Cylindrical/
Tapered Roller
Thrust Bearing

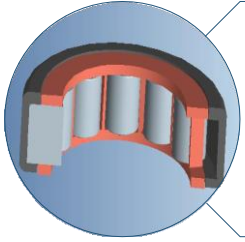


Special Ball Bearing

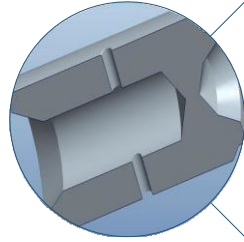


Ring / Bush /
Sleeve

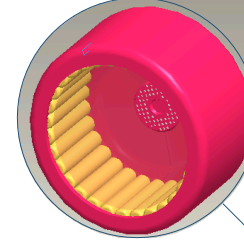
TRAILBLAZING INNOVATION



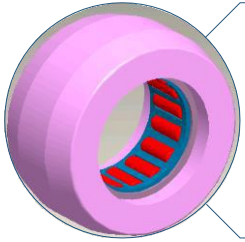
Lightweight CRB with special HT for balancer shaft applications



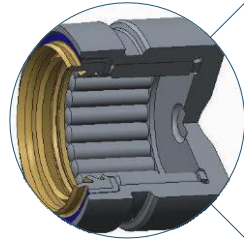
Shafts for planetary gear box transmission



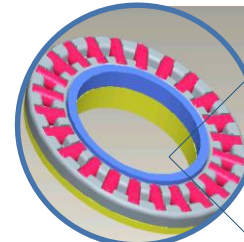
Universal joint bearings for steering column application



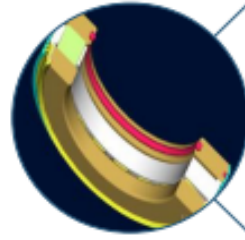
Delta flex bearings for steering applications



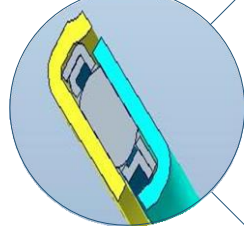
UJ cross cup bearing with special sealing for the universal joint application.



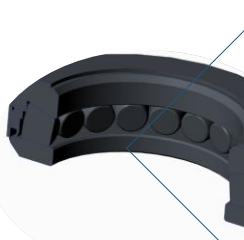
Needle thrust cage with spherical washer for transmission



Maintenance free king pin bearing



Unitized thrust bearings



Tapered Thrust Bearing

OUR CUSTOMERS

SEGMENTS

NRB manufactures over 2000 different products in multiple part families and sizes, providing customized friction solutions to the mobility industry.

Segments

Current Focus

- Two-Three wheelers, Passenger Vehicles, Trucks and Commercial Vehicle and Automotive Ancillaries,

Future Focus

Previously unpenetrated segments including

- Aftermarket
- Industrial Mobility (tractors and agricultural Equipment, Off Highway such as Construction Equipment, Cranes and Industrial Gear Boxes, Defence)



SEGMENTS

TWO & THREE WHEELER

- Honda Motor Cycle & Scooter
- Hero MotoCorp
- TVS Motors
- Royal Enfield
- Suzuki /Maruti Suzuki
- Mahindra
- Yamaha
- Bajaj Auto
- Piaggio
- Ducati
- Ola Electric
- BETA Motors



SEGMENTS

PASSENGER VEHICLE

OEM's

- Maruti Suzuki
- Honda Cars
- Daimler
- Audi
- Mazda
- Tata Motors
- Mahindra
- Hyundai Group



SEGMENTS

COMMERCIAL VEHICLES

- Daimler
- Renault / Volvo
- Scania
- Volvo Eicher
- Ashok Leyland
- Tata Motors
- SML Isuzu
- MAN - VW Group



SEGMENTS

AUTOMOTIVE ANCILLARIES

- Magna Getrag Powertrain
- ZF Group
- JTEKT
- Dana Group
- Mando
- GKN
- Bosch
- Borg warner
- SEG
- Mitsuba
- Denso
- Sanden
- NSK Steering System
- Meritor
- Bosch
- Rane Group
- Detroit Diesel
- Lucas-TVS
- Minda AutoElektrik Limited



SEGMENTS

TRACTORS & AGRICULTURE

- Mahindra
- TAFE
- John Deere
- Case New Holland
- Escorts
- Mahindra Swaraj
- International Tractors (Sonalika)



SEGMENTS

OFF HIGHWAY & CONSTRUCTION EQUIPMENT

- Case New Holland
- Bharat Earth Movers Limited
- Wipro
- John Deere
- Action Constructions
- JCB



Engineering Centre

HISTORICAL PERSPECTIVE



2021

Engineering Centre at Turbhe Navi Mumbai

1998

- Decision to invest in our Engineering center and R&D and decided not to renew the technology agreement with Nadella.



2000

- Setup a Engineering Center at Thane

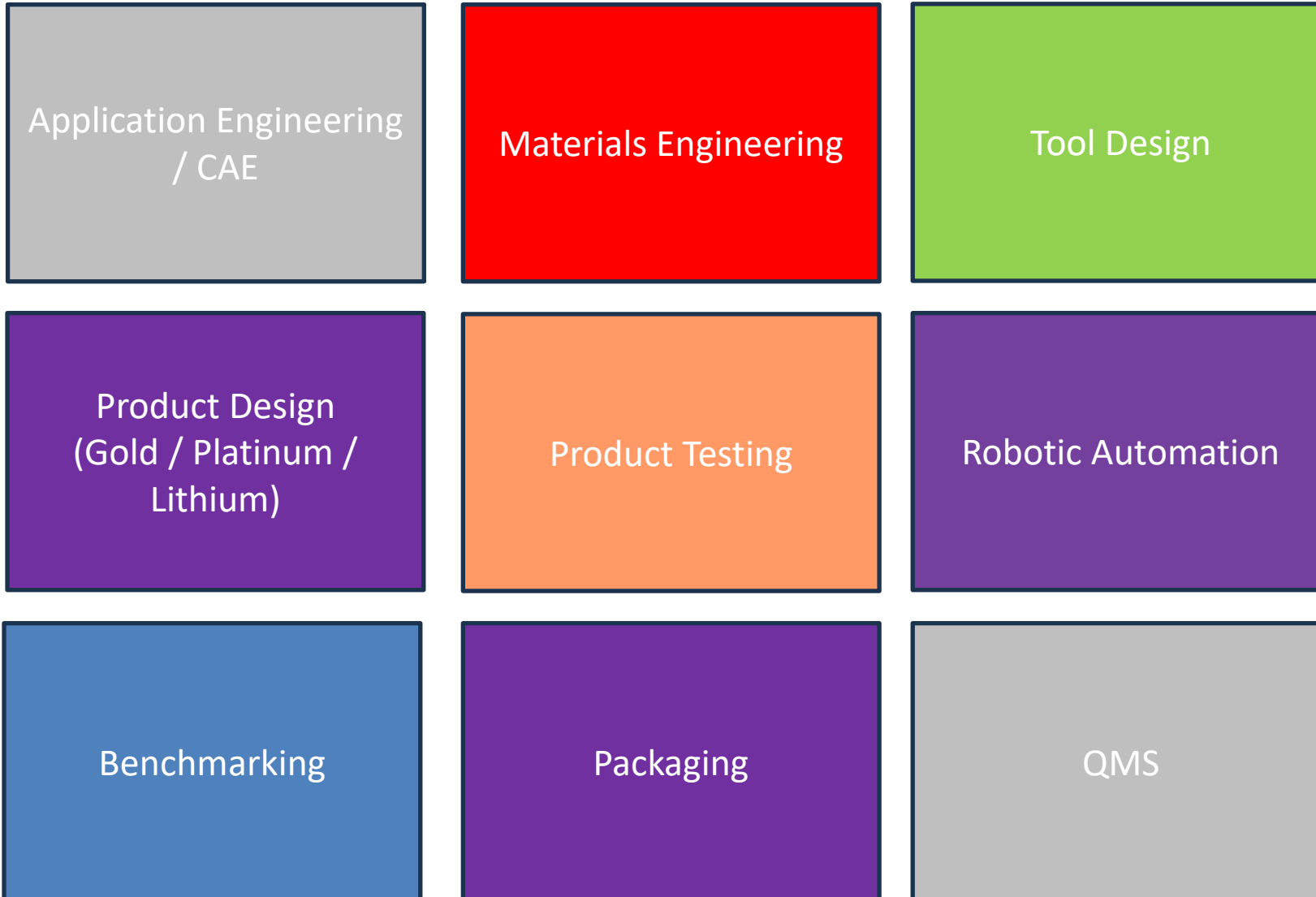


2016

- Shifted Engineering center to Rabale, Navi Mumbai



ENGINEERING CORE FUNCTIONS



BENCHMARKING FACILITIES

Product performance and
validation testing

CMM, Roundness, surface finish
and other precision testing

Association with External lab
for SEM/ DSC/ FTIR/ EPMA/
RSA studies

Microstructure, Cleanliness and
Heat treatment investigations

Failure Analysis

Polymer, Oil, Grease related
testing

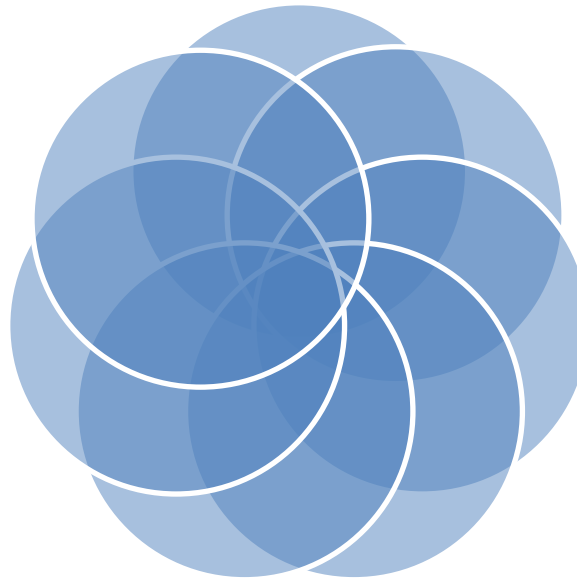
Thermal and Aging Studies

Spectrometry, Mechanical
Properties testing

Part cleanliness/ Contamination
analysis

Noise & Vibration analysis

Non destructive Testing



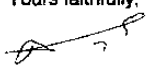
TESTING FACILITY



BETTER KNOWN TO WORLD...

In the year 2007
NRB Engineering Center
received recognition
from Dept. Of Science &
Technology, Govt. of
India as:

In-house R & D facility

भारत सरकार विज्ञान और प्रौद्योगिकी विभाग “ वैज्ञानिक और प्रौद्योगिकी अनुसंधान विभाग ” टेक्नोलॉजी भवन, नया महरौली मार्ग, नई दिल्ली-110016	तार / Telegram : SCIENCTECH / SCINDRECH दूरभाष / Telephone : 26567373, 26562134-35, 26962819, 26562122 फैक्स / Fax : 26960629, 26863805, 26962955 ई मेल / E mail : rra@nic.in वेब साइट / URL : http://www.dsr.gov.in
GOVERNMENT OF INDIA MINISTRY OF SCIENCE & TECHNOLOGY Department of Scientific & Industrial Research, Technology Bhavan, New Mehrauli Road, New Delhi-110016	
BY REGISTERED POST	
No.TU/IV-RD/2630/2007	Dated: 3.2.2007
To	
M/s NRB Bearings Ltd., Dhannur, 15, Sir P.M. Road, Fort, Mumbai-400001	
Subject: RECOGNITION OF IN-HOUSE R&D UNIT (S)	
Dear Sirs,	
This has reference to your application for recognition of your In-House R&D unit(s) by the Department of Scientific and Industrial Research.	
2. This is to inform you that it has been decided to accord recognition to the In-House R&D unit(s) of your firm at 2nd Pokharan Road, Majiwade, Thane upto 31.03.2009 . Terms and conditions pertaining to this recognition are given overleaf.	
3. Kindly acknowledge receipt of this letter.	
Yours faithfully,  R.R. Abhyankar Scientist – ‘G’	

APPLICATION ENGINEERING / CAE

- NRB partners with the world's best in class OEMs and aggregate suppliers to launch next generation vehicles including such as Renault EV ALPINE, entire stable of Mercedes hybrid and e-Vehicles,
- Proprietary software development with international copyrights
- Design board partners with customer's design centre
 - Friction solution-selection and customization
 - Noise solutions using benchmark software
 - Product light weighting technology

ACHIEVEMENTS

AWARDS



Most Preferred
Workplace 2023-
24



Best Brands 2024

PUBLIC PRIVATE PARTNERSHIP

- **Fraunhofer:** We are working with Europe's largest application-oriented research organization in order to become the industry leader on cutting edge laser and additive technologies
- **IIT Bombay:** We are the chief sponsor of the prestigious annual motor racing event. Prior to the race, students are trained on integral aspects of design and manufacturing at our facilities
- **IIT Kharagpur:** We support and empower their entrepreneurship cell. Several of their students intern with us

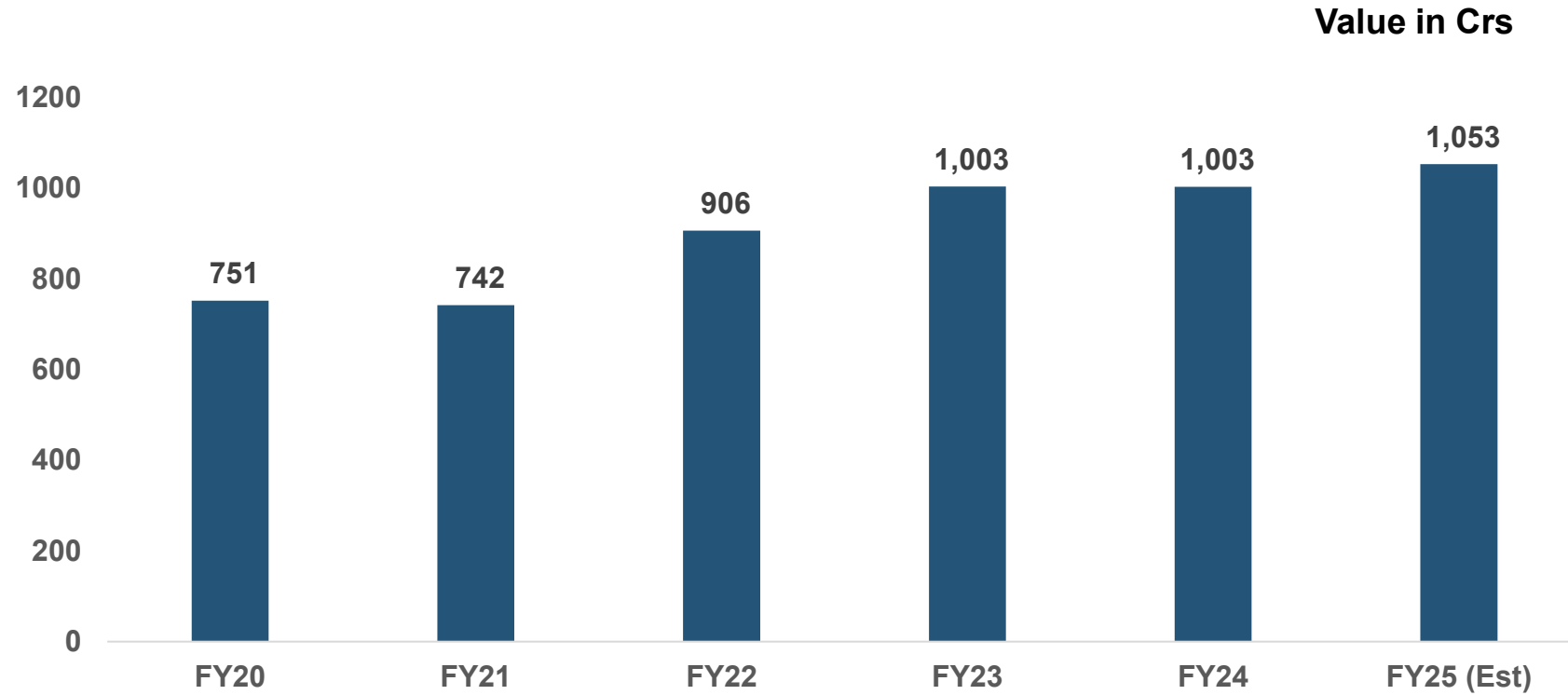


Finance

SHAREHOLDING PATTERN

Share Holding Pattern 31.12.2024	as on	Share of Holding
Promoter & Promoter Group		51.13%
Mutual Funds		15.34%
Foreign Portfolio Investors		13.45%
Resident Individuals		16.22%
Non-Resident Indians		1.73%
Bodies Corporate		0.50%
Others		1.63%
Total		100%

5 YEARS GROWTH

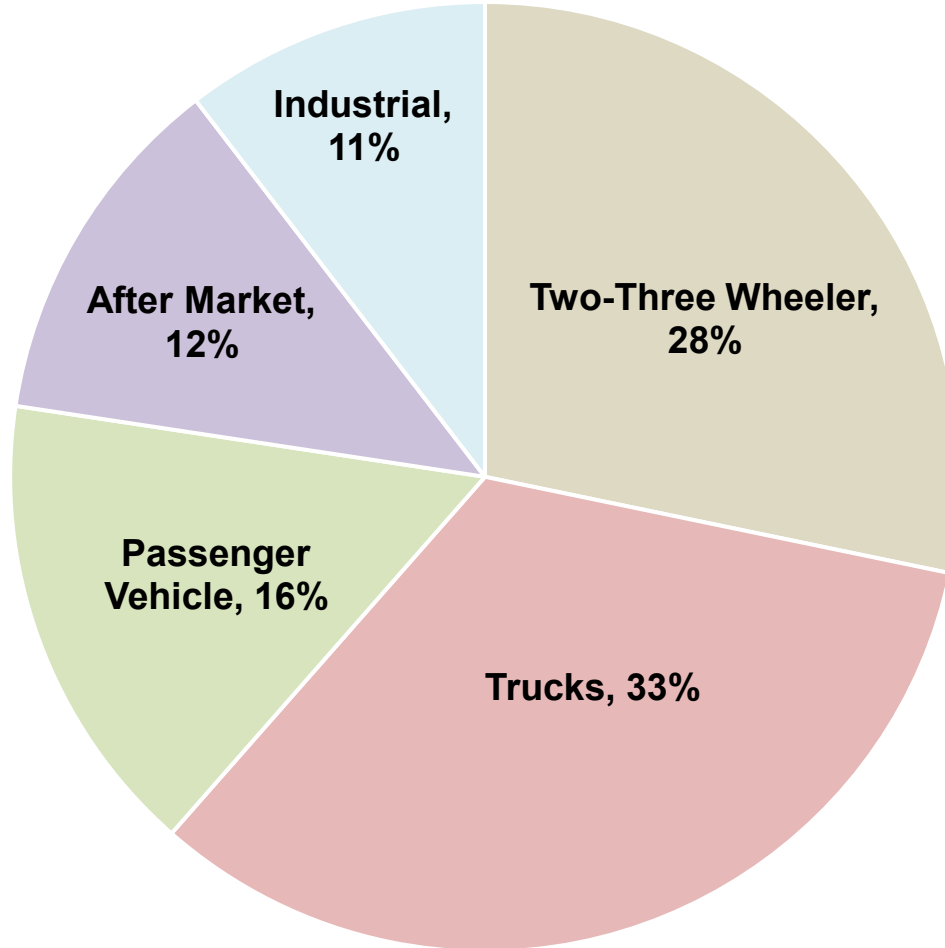


* FY24 – Fire took place in Crank Pin line at Waluj plant in May-23 caused loss of sales by ~40 Cr.

** FY25 – Actual of past 12 months taken for like-to-like comparison

REVENUE OVERVIEW SEGMENT WISE (GLOBAL)

2024



Opportunity Global Aftermarket

Opportunity Industrial

Opportunity Top 7 International Customers

FINANCIALS SUMMARY - STANDALONE

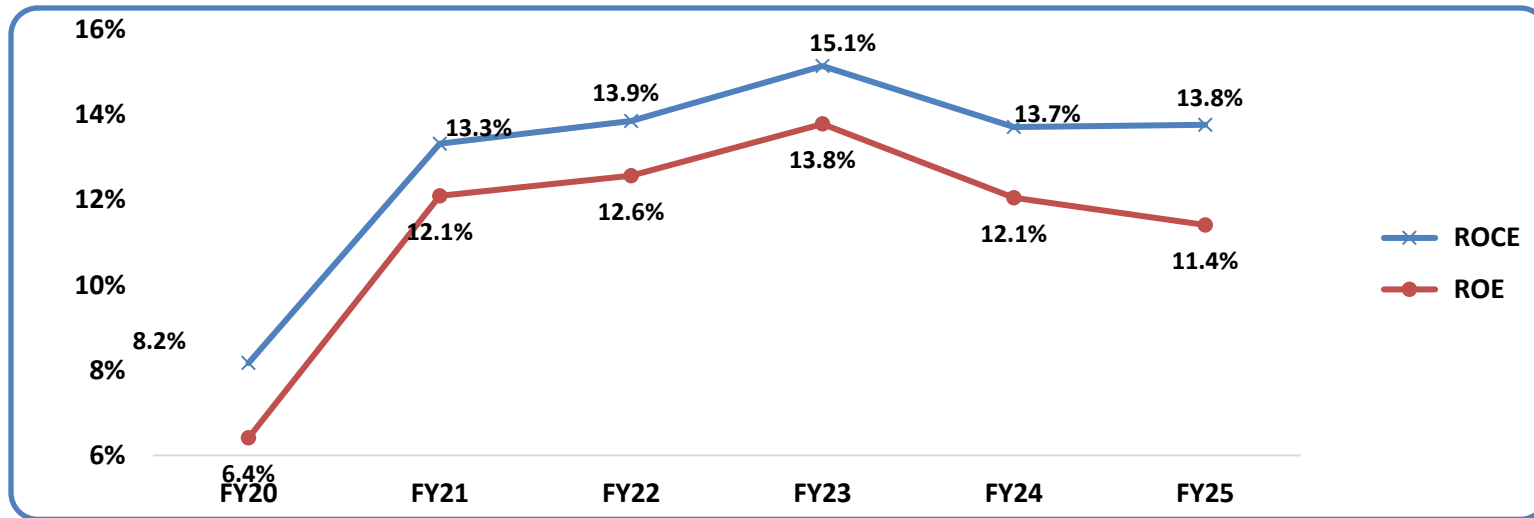
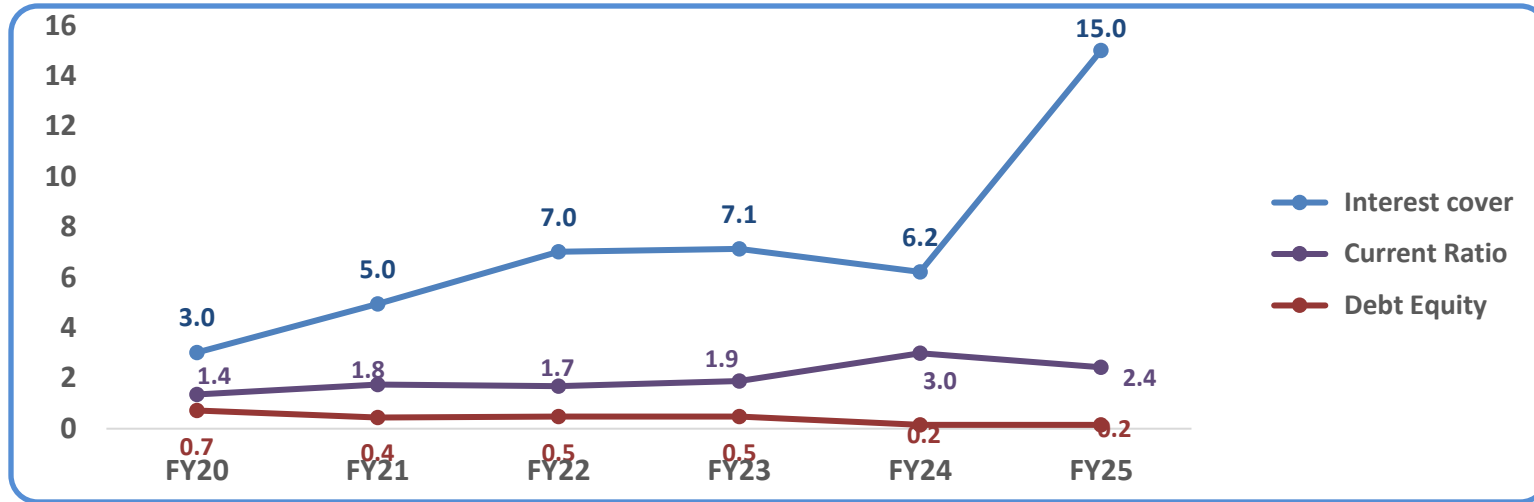
PARTICULARS	FY'22		FY'23		FY'24	
	Amount	% of Sales	Amount	% of Sales	Amount	% of Sales
SALES (NET)	889.4		1003.0		1002.7	
Other Operating Income	24.5		20.1		20.0	
REVENUE FROM OPERATIONS	913.8		1023.1		1022.7	
Non Operating Income	15.1		25.5		24.4	
TOTAL INCOME	928.9		1048.6		1047.1	
Material Consumption	407.4	45.8%	489.4	48.8%	493.0	49.2%
Employee cost	121.8	13.7%	118.9	11.9%	123.8	12.3%
Other expenses*	258.6	29.1%	273.0	27.2%	264.4	26.4%
EBITDA	145.1	15.6%	168.3	16.0%	165.9	15.8%
Exceptional Item	0.0	0.0%	0.0	0.0%	210.4	20.1%
PBT	93.0	10.0%	113.8	10.8%	318.2	30.4%
PAT	70.1	7.6%	85.8	8.2%	250.5	23.9%

- FY24 sales impacted by fire at Waluj; leading to loss of sales for one month and one entire product line was damaged . EBITDA Excluding loss of sales would be 16.1%
- Exceptional Items include profit from sale of Thane land & Waluj fire stock claims.

FINANCIALS SUMMARY - CONSOLIDATED

PARTICULARS	FY'22		FY'23		FY'24	
	Amount	% of Sales	Amount	% of Sales	Amount	% of Sales
SALES (NET)	918.6		1038.7		1071.7	
Other Operating Income	24.2		18.5		22.4	
REVENUE FROM OPERATIONS	944.2		1057.2		1094.0	
Non Operating Income	12.76		22.9		17.9	
TOTAL INCOME	957.0		1080.1		1111.8	
Material Consumption	364.2	39.6%	422.7	40.7%	433.4	40.4%
Employee cost	155.8	17.0%	160.0	15.5%	170.6	15.9%
Other expenses*	277.6	30.2%	298.7	29.7%	316.2	29.5%
EBITDA	159.3	16.7%	198.6	18.4%	194.0	17.4%
Exceptional Item	-3.9	0.0%	-10.5	0.0%	187.4	16.8%
PBT	101.6	11.8%	127.6	11.8%	315.9	28.3%
PAT	75.6	8.9%	96.1	8.9%	241.5	21.7%

RATIOS



*FY25 Annualised

COMPETITION COMPARISION FY23 VS FY22

Rs In Crs

PARTICULARS	NRB		SKF India		SCHAEFFLER India		TIMKEN	
	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)
Reveue from Operations	1023.1		4304.9		6867.4		2806.6	
	12.1%		17.4%		24.0%		27.4%	
Other Non Ops Income	26.5	2.6%	51.9	1.2%	77.7	1.1%	53.2	1.9%
Total Income	1049.6		4356.8		6945.1		2859.8	
	13.0%		17.7%		23.3%		16.9%	
COGS	489.4	48.8% (45.8)	2565.8	59.6% (61.2)	4252.3	61.9% (62.3)	1659.8	59.1% (54.2)
Employee Cost	118.9	11.9% (13.7)	299.6	7.0% (7.8)	430.6	6.3% (7.1)	159.1	5.7% (6.4)
Other Expenses	273.0	27.2% (28.6)	690.1	16.0% (15.8)	890.1	13.0% (13.2)	427.4	15.2% (16.2)
EBITDA	168.3	16.0% (15.6)	801.3	18.4% (15.9)	1372.1	19.8% (18.5)	613.5	21.5% (23.7)
Exceptional Items	0.0	0.0%	0.1	0.0%	15.0	0.2%	0.0	0.0%
PAT	85.8	8.2% (7.6)	524.9	12.0% (10.7)	879.2	12.7% (11.2)	390.7	13.7% (14.8)

COMPETITION COMPARISION FY24 vs FY23

Rs In Crs

PARTICULARS	NRB Standalone		NRB Consolidated		SKF India		SCHAEFFLER India*		TIMKEN	
	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)
Reveue from Operations	1022.7		1094.0		4570.1		7250.9		2909.5	
	0.0%		3.5%		6.2%		5.6%		3.7%	
Other Non Ops Income	24.4	2.4%	20.2	1.9%	94.0	2.1%	124.6	1.7%	40.8	1.4%
Total Income	1047.1		1114.2		4664.1		7375.5		2950.3	
	-0.1%		3.2%		7.1%		6.2%		3.2%	
COGS	493.0	49.2% (48.7)	433.4	40.4% (40.7)	2778.3	60.8% (59.0)	4502.8	62.1% (61.9)	1716.6	59.0% (59.1)
Employee Cost	123.8	12.3% (11.9)	170.6	15.9% (15.4)	343.4	7.5% (7.0)	461.9	6.4% (6.3)	164.0	5.6% (5.7)
Other Expenses	264.4	26.4% (27.2)	316.2	29.5% (29.8)	730.9	16.0% (15.9)	965.0	13.3% (13.0)	456.6	15.7% (15.2)
EBITDA	165.9	15.8% (16.0)	194.0	17.4% (17.4)	811.6	17.4% (19.0)	1445.8	19.6% (19.8)	613.2	20.8% (21.5)
Exceptional Items	210.4	21.0% 0.0	187.4	16.8% 0.0	0.0	0.0% 0.0	-4.7	-0.1% (0.2)	0.0	0.0% 0.0
PAT	250.5	23.9% (8.2)	241.5	21.7% (8.9)	551.8	11.8% (12.4)	899.0	12.2% (12.7)	392.1	13.3% (13.7)

COMPETITION COMPARISON 9M FY25 vs 9M FY24

PARTICULARS	NRB Standalone		NRB Consolidated		SKF India		TIMKEN	
	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)	Amt.	% of Sales (LY%)
Net Sales	767.7 3.5%		852.1 7.5%		3706.6 10.1%		2208.0 9.8%	
Other Ops Income	14.9	1.9%	17.2	2.0%	0.0		0.0	
Reveue from Operations	782.6 3.4%		869.3 7.4%		3706.6 10.1%		2208.0 9.8%	
Other Non Ops Income	23.3	3.0%	21.7	2.5%	111.0	3.0%	24.0	1.1%
Total Income	805.9 3.4%		891.0 7.6%		3817.6 11.2%		2232.1 9.9%	
COGS	365.3	47.6% (49.4)	334.8	39.3% (40.9)	2397.6	64.7% (62.2)	1340.1	60.7% (58.9)
Employee Cost	100.7	13.1% (12.8)	142.3	16.7% (16.5)	259.3	7.0% (7.6)	127.0	5.8% (6.0)
Other Expenses	214.4	27.9% (27.7)	253.3	29.7% (28.7)	611.0	16.5% (15.5)	360.2	16.3% (16.5)
EBITDA	125.5	15.6% (15.7)	160.7	18.0% (17.6)	549.8	14.4% (16.4)	404.8	18.1% (19.4)
Exceptional Items	-4.3	-0.6% (3.4)	-4.3	-0.5% 21.4	-0.4	0.0% 0.0	0.0	0.0% 0.0
PAT	63.8	7.9% (28.3)	83.7	9.4% (25.3)	362.6	9.5% (11.0)	292.8	13.1% (14.1)

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