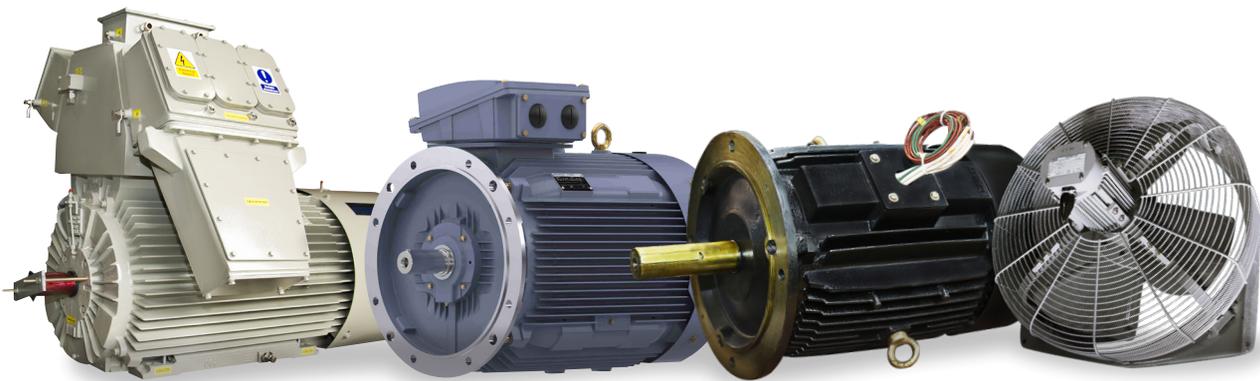




# MARATHON INDIA - INDUSTRIAL SYSTEMS PRODUCT RANGE

SEPTEMBER 2022 | INDIA



# Marathon® Low Voltage Motors



## TerraMAX® SCA - IE2 Motors

- Frame Sizes: IEC®\* 80 - IEC 355
- Power Rating: 0.37 kW to 375 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B



## TerraMAX TCA - IE3 Motors

- Frame Sizes: IEC 80 - IEC 355
- Power Rating: 0.37 kW to 375 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B



## TerraMAX QCA - IE4 Motors

- Frame Sizes: IEC 80 - IEC 355
- Power Rating: 0.37 kW to 355 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 6
- Protection: IP55 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B



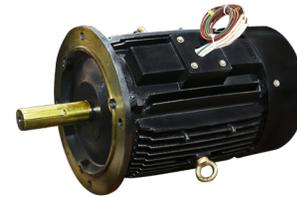
## Challenger IE2 Motors

- Frame Sizes: IEC 80 - IEC 355
- Power Rating: 0.37 kW to 375 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class
- Special features available on demand: Brake, Force cooling, encoder mounting, Multi-speed, Type Ex ec, Higher pole 10/12, Intermittent duty



## Flame Proof Motors IE1 / IE2

- Frame Sizes: IEC 80 - IEC 355
- Power Rating: 0.37 kW to 315 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B
- Gas Group - I, IIA & IIB for entire range and IIC for frame 80 to 160



## Smoke Spill Motors IE2 / IE3

- Frame Sizes: IEC 80 - IEC 280
- Power Rating: 0.37 kW to 90 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class H
- Thermal capacity under abnormal condition: 400 / 300 / 250 degree centigrade for 2 hours



## PTSC - I SPDP Squirrel Cage Motors

- Frame Sizes: IEC 160 - IEC 355
- Power Rating: 11 kW to 375 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2 to 8
- Protection: IP21, IP23 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B



## PTSC - I (Fire Fighting) SPDP Squirrel Cage Motors

- Frame Sizes: IEC 180 - IEC 250
- Power Rating: 30 kW to 110 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 2
- Protection: IP21, IP23 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B



## KD Crane Duty Motors (Lower Frame)

- Frame Sizes: IEC 80 - IEC 250
- Power Rating: 0.75 kW to 55 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 4 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class F
- Meets efficiency requirement as per IS:12615-2018



## KS Crane Duty Slipring Motors

- Frame Sizes: IEC 112 - IEC 560
- Power Rating: 2 kW to 450 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 6 to 10
- Protection: IP55 (IS 4691)
- Insulation Class: Class F with temperature rise limit to Class B



## RW/CW SPDP Slipring Motors

- RW Frame Sizes: RW89 to RW 168
- CW Frame Sizes: IEC 450 TO IEC 710
- Power Rating: 90kW to 2000 kW
- Power Supply: AC 3 Phase 415V, 50 Hz
- Pole: 6 to 12
- Protection: IP21, IP23 (IS 4691)
- Insulation Class: Class F with temperature rise limited to class B



## TerraMAX SCV - Crane Duty Motor

- Frame Sizes: IEC 80 - IEC 355
- Power Rating: 0.75 kW to 315 kW
- Power Supply: AC 3 Phase 415V, 50Hz
- Pole: 4 to 8
- Protection: IP55 (IS 4691)
- Insulation Class: Class F
- Meets efficiency requirement as per IS:12615-2018

Voltage variation: +/- 10%, Frequency variation +/- 5 % and combined Variation 10%

\*IEC is a trademark or trade name of International Electrotechnical Commission and not owned by Regal Rexnord Corporation.

Notes: For higher rating contact Regal Rexnord office.

# Marathon® Medium Voltage Motors



## MV Motors - CACA

- Frame: IEC®\* 315 to IEC 710
- Power Rating: upto 5 MW
- Voltage: 3.3KV / 6.6KV / 11KV
- Frequency: 50Hz +- 5%
- Pole: 2 to 14



## MV Motors - TEFC

- Frame: IEC 280 to IEC 560
- Power Rating: upto 1.5 MW
- Voltage: 3.3KV / 6.6KV / 11KV
- Frequency: 50Hz +- 5%
- Pole: 2 to 14



## MV Motors - CACW

- Frame: IEC 315 to IEC 710
- Power Rating: upto 5 MW
- Voltage: 3.3KV / 6.6KV / 11KV
- Frequency: 50Hz +- 5%
- Pole: 2 to 14



## MV Motors - Flame Proof (Ex d)

- Frame: IEC 280 to IEC 450
- Power Rating: upto 750 kW
- Voltage: 3.3KV / 6.6KV
- Frequency: 50Hz +- 5%
- Pole: 2 to 8



## MV Motors - TETV

- Frame: IEC 400 TO IEC 1000
- Power Rating: upto 4 MW
- Voltage: 3.3KV / 6.6KV
- Frequency: 50Hz +- 5%
- Pole: 2 to 14



## MV Motors - CACA SLIP RING

- Frame: IEC 315 to IEC 710
- Power Rating: upto 3 MW
- Voltage: 3.3KV / 6.6KV / 11KV
- Frequency: 50Hz +- 5%
- Pole: 4 to 8



## MV Motors - SPDP

- Frame: IEC 315 to IEC 710
- Power Rating: upto 5 MW
- Voltage: 3.3KV / 6.6KV / 11KV
- Frequency: 50Hz +- 5%
- Pole: 2 to 14

# Marathon® Fans



## Propeller Fan

- Air Flow: 1200 m³/hr to 28000 m³/hr
- Sweep Dia: 12" to 36"
- Voltage: 415V+-10%
- Frequency: 50 Hz±5%
- Static Pressure: Free Flow



## Axial Flow Fan

- Air Flow: 1000 m³/hr to 300000 m³/hr
- Sweep Dia: 12" to 75"
- Voltage: 415V+-10%
- Frequency: 50 Hz±5%
- Static Pressure: Free Flow to 135 mm wg



## Centrifugal Fan

- Air flow: 1000 m³/hr to 250000 m³/hr
- Impeller dia: 250mm to 2000mm
- Voltage: 415V+-10%
- Frequency: 50 Hz±5%
- Static pressure: 7.5 mm wg to 900 mm wg



## Mancooler Fan

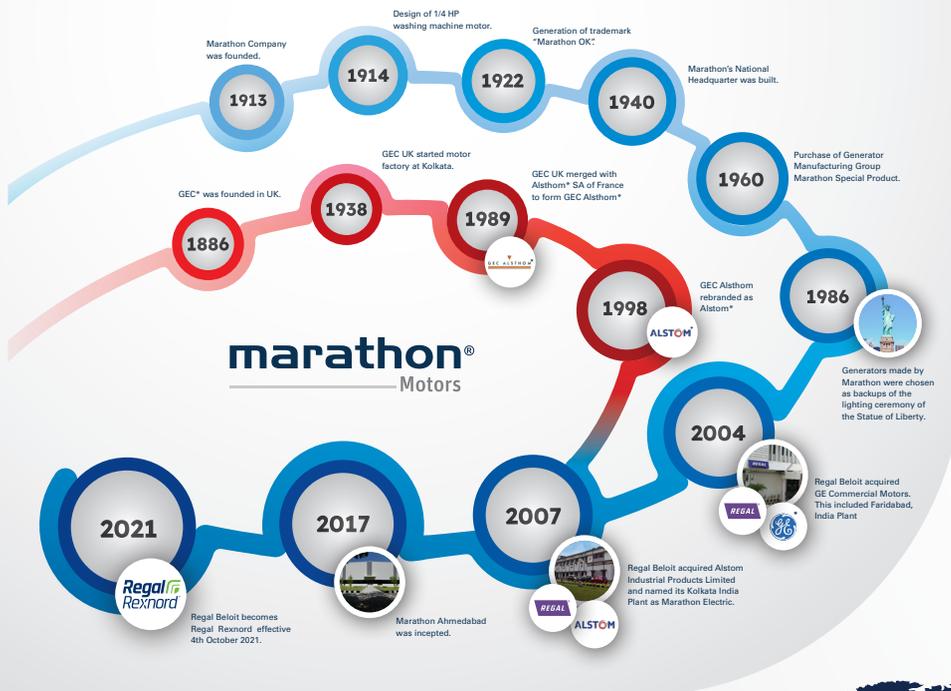
- Sweep range: 480 mm to 1200 mm
- Air flow: 22000 m³/hr to 74500 m³/hr
- Static pressure: Free Air Delivery (F.A.D.)

Voltage variation: +/- 10%, Frequency variation +/- 5 % and combined Variation 10%

\*IEC is a trademark or trade name of International Electrotechnical Commission and not owned by Regal Rexnord Corporation.

# Marathon Genesis

# Regal Rexnord Brands and Global Presence



## TOTAL

**173 Sites**  
**29,400 Associates**

<b>AMERICA</b> 80 Sites 18,300 Associates	<b>EUROPE</b> 32 Sites 2,400 Associates
<b>ASIA PACIFIC</b> 54 Sites 6,500 Associates	<b>OTHER</b> 7 Sites 2,200 Associates



## Industrial Systems Regal Rexnord

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