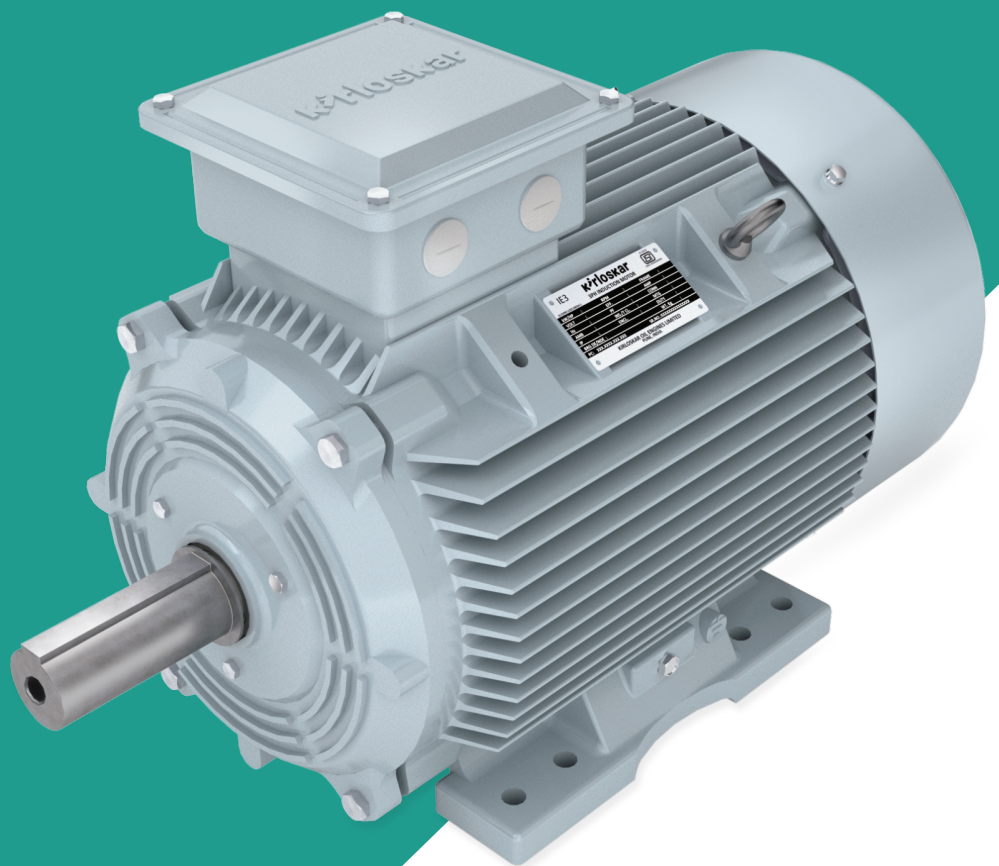


Introducing  
IE3 range

## PRICE LIST

### LOW VOLTAGE 3-PHASE INDUCTION MOTORS

PL-KM-009 w.e.f 1<sup>st</sup> July 2024



**kirloskar**  
motors

Performance Beyond Expectations

**KIRLOSKAR OIL ENGINES LIMITED**

A Kirloskar Group Company

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## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE3 - PREMIUM EFFICIENCY



|                                  |                                             |                  |                                             |
|----------------------------------|---------------------------------------------|------------------|---------------------------------------------|
| Voltage                          | : 415 V +/- 10%                             | Ambient          | : 50°C                                      |
| Frequency                        | : 50 Hz +/- 5%                              | Temp. Rise       | : 70°C                                      |
| Combined Variation               | : 10%                                       | Duty             | : S1                                        |
| Insulation Class / Thermal Class | : F/B                                       | Efficiency Class | : IE3 as per 60034-30-1:2014, IS 12615:2018 |
| Method of Cooling: TEFC / IC 411 | Mounting : IMB3 - Horizontal Foot Mounting* | Altitude         | : ≤1000m above MSL                          |

| 2 Pole / 3000 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM3.5T50.AAC.TSS.B03 | 5.50 | 7.50  | KM132S | 62,500       |
| KM3.7T50.AAC.TSS.B03 | 7.50 | 10.00 | KM132S | 64,000       |
| KM3.9T30.ABC.TSS.B03 | 9.30 | 12.50 | KM160M | 1,05,000     |
| KM3.11T0.ABC.TSS.B03 | 11   | 15    | KM160M | 1,18,000     |
| KM3.15T0.ABC.TSS.B03 | 15   | 20    | KM160M | 1,25,000     |
| KM3.18T5.ALC.TSS.B03 | 18.5 | 25    | KM160L | 1,60,000     |
| KM3.22T0.ACC.TSS.B03 | 22   | 30    | KM180M | 1,80,000     |
| KM3.30T0.ANC.TSS.B03 | 30   | 40    | KM200L | 2,75,000     |
| KM3.37T0.ANC.TSS.B03 | 37   | 50    | KM200L | 3,40,000     |
| KM3.45T0.AQC.TSS.B03 | 45   | 60    | KM225M | 4,30,000     |

| 4 Pole / 1500 RPM                           |      |       |        |              |
|---------------------------------------------|------|-------|--------|--------------|
| Product Codes                               | kW   | HP    | Frame  | List Price ₹ |
| KM3.0T75.BGC.B03.TSS                        | 0.75 | 1.00  | KM80   | 19,000       |
| KM3.1T10.BOC.B03.TSS                        | 1.10 | 1.50  | KM90S  | 23,500       |
| KM3.1T50.BHC.B03.TSS                        | 1.50 | 2.00  | KM90L  | 27,500       |
| KM3.2T20.BIC.B03.TSS                        | 2.20 | 3.00  | KM100L | 32,500       |
| KM3.3T70.BJC.B03.TSS                        | 3.7  | 5.00  | KM112M | 41,000       |
| KM3.5T50.BAC.B03.TSS / KM3.5T50.BAC.TSS.B03 | 5.50 | 7.50  | KM132S | 65,000       |
| KM3.7T50.BKC.TSS.B03                        | 7.50 | 10.00 | KM132M | 71,700       |
| KM3.9T30.BBC.TSS.B03                        | 9.30 | 12.50 | KM160M | 1,15,000     |
| KM3.11T0.BBC.TSS.B03                        | 11   | 15    | KM160M | 1,18,000     |
| KM3.15T0.BLC.TSS.B03                        | 15   | 20    | KM160L | 1,45,000     |
| KM3.18T5.BCC.TSS.B03                        | 18.5 | 25    | KM180M | 1,85,000     |
| KM3.22T0.BMC.TSS.B03                        | 22   | 30    | KM180L | 2,00,000     |
| KM3.30T0.BNC.TSS.B03                        | 30   | 40    | KM200L | 2,80,000     |
| KM3.37T0.BPC.TSS.B03                        | 37   | 50    | KM225S | 3,45,000     |
| KM3.45T0.BQC.TSS.B03                        | 45   | 60    | KM225M | 4,15,000     |

Terminal Box on Top as standard feature.

Standard Paint Shade: RAL7046 (Tele-Grey: Anti-Corrosive Paint).

\*For other mounting arrangements , please get in touch with KOEL.



## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE3 - PREMIUM EFFICIENCY



|                                  |                 |                  |                                             |
|----------------------------------|-----------------|------------------|---------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                      |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 70°C                                      |
| Combined Variation               | : 10%           | Duty             | : S1                                        |
| Insulation Class / Thermal Class | : F/B           | Efficiency Class | : IE3 as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411      Mounting : IMB3 - Horizontal Foot Mounting\*      Altitude : ≤1000m above MSL

| 6 Pole / 1000 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM3.3T70.CAC.TSS.B03 | 3.70 | 5.00  | KM132S | 68,000       |
| KM3.5T50.CKC.TSS.B03 | 5.50 | 7.50  | KM132M | 83,000       |
| KM3.7T50.CBC.TSS.B03 | 7.50 | 10.00 | KM160M | 1,20,000     |
| KM3.9T30.CLC.TSS.B03 | 9.30 | 12.50 | KM160L | 1,35,000     |
| KM3.11T0.CLC.TSS.B03 | 11   | 15    | KM160L | 1,45,000     |
| KM3.15T0.CMC.TSS.B03 | 15   | 20    | KM180L | 2,00,000     |
| KM3.18T5.CNC.TSS.B03 | 18.5 | 25    | KM200L | 2,60,000     |
| KM3.22T0.CNC.TSS.B03 | 22   | 30    | KM200L | 2,85,000     |
| KM3.30T0.CQC.TSS.B03 | 30   | 40    | KM225M | 3,90,000     |

Terminal Box on Top as standard feature.  
 Standard Paint Shade: RAL7046 (Tele-Grey: Anti-Corrosive Paint).  
 \*For other mounting arrangements , please get in touch with KOEL.

## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE2 - HIGH EFFICIENCY



|                                  |                 |                  |                                             |
|----------------------------------|-----------------|------------------|---------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                      |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 70°C                                      |
| Combined Variation               | : 10%           | Duty             | : S1                                        |
| Insulation Class / Thermal Class | : F/B           | Efficiency Class | : IE2 as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411      Mounting : IMB3 - Horizontal Foot Mounting\*      Altitude : ≤1000m above MSL

| 2 Pole / 3000 RPM    |         |      |        |              |
|----------------------|---------|------|--------|--------------|
| Product Codes        | kW      | HP   | Frame  | List Price ₹ |
| KM2.0T18.AEA.B03.TSS | 0.18    | 0.25 | KM63   | 10,500       |
| KM2.0T25.AEA.B03.TSS | 0.25    | 0.33 | KM63   | 10,700       |
| KM2.0T37.AFA.B03.TSS | 0.37    | 0.50 | KM71   | 12,200       |
| KM2.0T55.AFA.B03.TSS | 0.55    | 0.75 | KM71   | 16,000       |
| KM2.0T75.AGA.B03.TSS | 0.75    | 1.00 | KM80   | 16,000       |
| KM2.1T10.AGA.B03.TSS | 1.10    | 1.50 | KM80   | 16,400       |
| KM2.1T50.AHA.B03.TSS | 1.50    | 2.00 | KM90S  | 20,600       |
| KM2.2T20.AHA.B03.TSS | 2.20    | 3.00 | KM90L  | 24,600       |
| KM2.3T70.AIA.B03.TSS | 3.70 #  | 5.00 | KM100L | 31,600       |
| KM2.4T00.AJA.B03.TSS | 4.00 ## | 5.50 | KM112M | 39,000       |

| 4 Pole / 1500 RPM    |        |      |        |              |
|----------------------|--------|------|--------|--------------|
| Product Codes        | kW     | HP   | Frame  | List Price ₹ |
| KM2.0T12.BEA.B03.TSS | 0.12   | 0.16 | KM63   | 9,900        |
| KM2.0T18.BEA.B03.TSS | 0.18   | 0.25 | KM63   | 11,200       |
| KM2.0T25.BFA.B03.TSS | 0.25   | 0.33 | KM71   | 11,400       |
| KM2.0T37.BFA.B03.TSS | 0.37   | 0.50 | KM71   | 12,500       |
| KM2.0T55.BGA.B03.TSS | 0.55   | 0.75 | KM80   | 15,200       |
| KM2.0T75.BGA.B03.TSS | 0.75   | 1.00 | KM80   | 15,500       |
| KM2.1T10.BHA.B03.TSS | 1.10   | 1.50 | KM90S  | 20,800       |
| KM2.1T50.BHA.B03.TSS | 1.50   | 2.00 | KM90L  | 23,900       |
| KM2.2T20.BIA.B03.TSS | 2.20   | 3.00 | KM100L | 27,600       |
| KM2.3T70.BJA.B03.TSS | 3.70   | 5.00 | KM112M | 36,000       |
| KM2.4T00.BJA.B03.TSS | 4.00 # | 5.50 | KM112M | 40,300       |

| 6 Pole / 1000 RPM    |      |      |        |              |
|----------------------|------|------|--------|--------------|
| Product Codes        | kW   | HP   | Frame  | List Price ₹ |
| KM2.0T37.CGA.B03.TSS | 0.37 | 0.50 | KM80   | 20,500       |
| KM2.0T55.CGA.B03.TSS | 0.55 | 0.75 | KM80   | 21,000       |
| KM2.0T75.CHA.B03.TSS | 0.75 | 1.00 | KM90S  | 23,300       |
| KM2.1T10.CHA.B03.TSS | 1.10 | 1.50 | KM90L  | 25,500       |
| KM2.1T50.CIA.B03.TSS | 1.50 | 2.00 | KM100L | 40,000       |
| KM2.2T20.CJA.B03.TSS | 2.20 | 3.00 | KM112M | 42,000       |

# Rating suitable for 80 °C temperature rise (by resistance method)  
 ## Rating suitable for 95 °C temperature rise (by resistance method)  
 Terminal Box on Top as standard feature.  
 Standard Paint Shade: RAL7046 (Tele-Grey: Anti-Corrosive Paint).  
 \*For other mounting arrangements, please get in touch with KOEL.

## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE2 - HIGH EFFICIENCY



|                                  |                 |                  |                                             |
|----------------------------------|-----------------|------------------|---------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                      |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 70°C                                      |
| Combined Variation               | : 10%           | Duty             | : S1                                        |
| Insulation Class / Thermal Class | : F/B           | Efficiency Class | : IE2 as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411      Mounting : IMB3 - Horizontal Foot Mounting\*      Altitude : ≤1000m above MSL

| 2 Pole / 3000 RPM    |        |       |        |              |
|----------------------|--------|-------|--------|--------------|
| Product Codes        | kW     | HP    | Frame  | List Price ₹ |
| KM2.0T75.AGC.B03.TSS | 0.75   | 1.00  | KM80   | 15,900       |
| KM2.1T10.AGC.B03.TSS | 1.10   | 1.50  | KM80   | 17,000       |
| KM2.1T50.AHC.B03.TSS | 1.50   | 2.00  | KM90S  | 20,000       |
| KM2.2T20.AHC.B03.TSS | 2.20   | 3.00  | KM90L  | 25,000       |
| KM2.3T70.AIC.B03.TSS | 3.70 # | 5.00  | KM100L | 32,800       |
| KM2.5T50.AJC.B03.TST | 5.50   | 7.50  | KM112M | 44,200       |
| KM2.5T50.AKC.B03.TSS | 5.50   | 7.50  | KM132S | 55,800       |
| KM2.7T50.AKC.B03.TSS | 7.50   | 10.00 | KM132S | 60,500       |
| KM2.9T30.AKC.B03.TSS | 9.30   | 12.50 | KM132S | 85,000       |
| KM2.9T30.ALC.B03.TSS | 9.30   | 12.50 | KM160M | 97,500       |
| KM2.11T0.ALC.B03.TSS | 11     | 15    | KM160M | 1,08,000     |
| KM2.15T0.ALC.B03.TSS | 15     | 20    | KM160M | 1,11,000     |
| KM2.18T5.ALC.B03.TSS | 18.5   | 25    | KM160L | 1,42,000     |
| KM2.22T0.AMC.B03.TSS | 22     | 30    | KM180M | 1,60,000     |
| KM2.30T0.ANC.B03.TSS | 30     | 40    | KM200L | 2,38,500     |
| KM2.37T0.ANC.B03.TSS | 37     | 50    | KM200L | 2,85,000     |
| KM2.45T0.AQC.B03.TSS | 45     | 60    | KM225M | 3,60,000     |
| KM2.55T0.ARC.B03.TSS | 55     | 75    | KM250M | 5,00,000     |
| KM2.75T0.ASC.B03.TSS | 75     | 100   | KM280S | 6,68,600     |
| KM2.90T0.ATC.B03.TSS | 90     | 120   | KM280M | 7,25,000     |
| 4 Pole / 1500 RPM    |        |       |        |              |
| Product Codes        | kW     | HP    | Frame  | List Price ₹ |
| KM2.0T55.BGC.B03.TSS | 0.55   | 0.75  | KM80   | 15,800       |
| KM2.0T75.BGC.B03.TSS | 0.75   | 1.00  | KM80   | 16,000       |
| KM2.1T10.BHC.B03.TSS | 1.10   | 1.50  | KM90S  | 21,700       |
| KM2.1T50.BHC.B03.TSS | 1.50   | 2.00  | KM90L  | 24,000       |
| KM2.2T20.BIC.B03.TSS | 2.20   | 3.00  | KM100L | 29,000       |
| KM2.3T70.BJC.B03.TSS | 3.70   | 5.00  | KM112M | 39,500       |
| KM2.5T50.BKC.B03.TSS | 5.50   | 7.50  | KM132S | 55,000       |
| KM2.7T50.BKC.B03.TSS | 7.50   | 10.00 | KM132M | 60,000       |
| KM2.9T30.BKC.B03.TSS | 9.30   | 12.50 | KM132M | 80,000       |
| KM2.9T30.BLC.B03.TSS | 9.30   | 12.50 | KM160M | 98,500       |
| KM2.11T0.BLC.B03.TSS | 11     | 15    | KM160M | 1,00,000     |
| KM2.15T0.BLC.B03.TSS | 15     | 20    | KM160L | 1,30,000     |
| KM2.18T5.BMC.B03.TSS | 18.5   | 25    | KM180M | 1,65,000     |

# Rating suitable for 80 °C temperature rise (by resistance method)  
 ## Rating suitable for 95 °C temperature rise (by resistance method)  
 Terminal Box on Top as standard feature.  
 Standard Paint Shade: RAL7046 (Tele-Grey: Anti-Corrosive Paint).  
 \*For other mounting arrangements , please get in touch with KOEL.

## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE2 - HIGH EFFICIENCY



|                                  |                 |                  |                                             |
|----------------------------------|-----------------|------------------|---------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                      |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 70°C                                      |
| Combined Variation               | : 10%           | Duty             | : S1                                        |
| Insulation Class / Thermal Class | : F/B           | Efficiency Class | : IE2 as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411      Mounting : IMB3 - Horizontal Foot Mounting\*      Altitude : ≤1000m above MSL

| 4 Pole / 1500 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM2.22T0.BMC.B03.TSS | 22   | 30    | KM180L | 1,82,000     |
| KM2.30T0.BNC.B03.TSS | 30   | 40    | KM200L | 2,50,000     |
| KM2.37T0.BPC.B03.TSS | 37   | 50    | KM225S | 3,10,000     |
| KM2.45T0.BQC.B03.TSS | 45   | 60    | KM225M | 3,40,000     |
| KM2.55T0.BRC.B03.TSS | 55   | 75    | KM250M | 4,80,000     |
| KM2.75T0.BSC.B03.TSS | 75   | 100   | KM280S | 5,95,000     |
| KM2.90T0.BTC.B03.TSS | 90   | 120   | KM280M | 6,95,000     |
| KM2.110T.BUC.B03.TST | 110  | 150   | KM315S | 8,30,000     |
| 6 Pole / 1000 RPM    |      |       |        |              |
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM2.0T75.CHC.B03.TSS | 0.75 | 1.00  | KM90S  | 22,000       |
| KM2.1T10.CHC.B03.TSS | 1.10 | 1.50  | KM90L  | 24,500       |
| KM2.1T50.CIC.B03.TSS | 1.50 | 2.00  | KM100L | 32,000       |
| KM2.2T20.CJC.B03.TSS | 2.20 | 3.00  | KM112M | 37,500       |
| KM2.3T70.CKC.B03.TSS | 3.70 | 5.00  | KM132S | 57,000       |
| KM2.5T50.CKC.B03.TSS | 5.50 | 7.50  | KM132M | 68,000       |
| KM2.7T50.CLC.B03.TSS | 7.50 | 10.00 | KM160M | 1,00,000     |
| KM2.9T30.CLC.B03.TSS | 9.30 | 12.50 | KM160L | 1,20,000     |
| KM2.11T0.CLC.B03.TSS | 11   | 15    | KM160L | 1,27,000     |
| KM2.15T0.CMC.B03.TSS | 15   | 20    | KM180L | 1,60,000     |
| KM2.18T5.CNC.B03.TSS | 18.5 | 25    | KM200L | 2,20,000     |
| KM2.22T0.CNC.B03.TSS | 22   | 30    | KM200L | 2,38,500     |
| KM2.30T0.CQC.B03.TSS | 30   | 40    | KM225M | 3,36,000     |
| KM2.37T0.CRC.B03.TSS | 37   | 50    | KM250M | 4,52,000     |
| KM2.45T0.CSC.B03.TSS | 45   | 60    | KM280S | 5,95,000     |
| KM2.55T0.CTC.B03.TSS | 55   | 75    | KM280M | 6,80,000     |
| 8 Pole / 750 RPM     |      |       |        |              |
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM2.0T37.DHC.B03.TSS | 0.37 | 0.50  | KM90S  | 24,000       |
| KM2.0T55.DHC.B03.TSS | 0.55 | 0.75  | KM90L  | 25,500       |
| KM2.0T75.DIC.B03.TSS | 0.75 | 1.00  | KM100L | 33,000       |
| KM2.1T10.DIC.B03.TSS | 1.1  | 1.50  | KM100L | 36,000       |
| KM2.1T50.DJC.B03.TSS | 1.5  | 2.00  | KM112M | 41,000       |
| KM2.2T20.DKC.B03.TSS | 2.2  | 3.00  | KM132S | 65,000       |
| KM2.3T70.DLC.B03.TSS | 3.7  | 5.00  | KM160M | 95,000       |
| KM2.5T50.DLC.B03.TSS | 5.5  | 7.50  | KM160M | 1,15,000     |
| KM2.7T50.DLC.B03.TSS | 7.5  | 10.00 | KM160L | 1,40,000     |
| KM2.9T30.DMC.B03.TSS | 9.3  | 12.50 | KM180M | 1,80,000     |
| KM2.11T0.DMC.B03.TSS | 11   | 15    | KM180L | 1,90,000     |
| KM2.15T0.DNC.B03.TSS | 15   | 20    | KM200L | 2,60,000     |

| Special Features : |                                                                                           |             |             | Cash Extras.     |
|--------------------|-------------------------------------------------------------------------------------------|-------------|-------------|------------------|
| 1                  | Vacuum Pressure Impregnation (VPI) : 63 to 280                                            |             |             | 5%               |
| 2                  | Mounting : Standard Mounting Arrangement is IMB3-Horizontal Foot Mounting.                |             |             |                  |
|                    | Frames:                                                                                   |             |             |                  |
|                    | KM63 to KM112 (IMB14) Aluminium Body                                                      |             |             | 3% on List Price |
|                    | KM63 to KM160L (IMB5, IMB35)                                                              |             |             | 3% on List Price |
|                    | KM180 to KM280M (IMB5, IMB35)                                                             |             |             | 5% on List Price |
|                    | For other mounting arrangements please get in touch with KOEL.                            |             |             |                  |
| 3                  | Anti-Corrosive Paint:                                                                     |             |             | Nil              |
|                    | Note : For KM2 & KM3 Series - IE2 & IE3 motors : Paint Shade - RAL 7046.                  |             |             |                  |
| 4                  | Vibration Level                                                                           |             |             |                  |
|                    | Vibration Level (mm/sec.) shall be as per normal class as per IS12075 as per below table. |             |             |                  |
|                    | Grade / Frame                                                                             | KM63 -KM132 | KM160-KM280 | Nil              |
|                    | Grade A - mm/sec                                                                          | 1.8         | 2.8         |                  |
| 5                  | Thermistors (Without relays) - 3 No. PTC 130                                              |             |             |                  |
|                    | IE2: Frames KM80 to KM160                                                                 |             |             | ₹ 2,860/-        |
|                    | IE2: Frames KM180 to KM280                                                                |             |             | ₹ 2,860/-        |
|                    | IE3: Frames KM132 to KM225                                                                |             |             | ₹ 2,860/-        |
| 6                  | Additional Name plates: (Subject to prior confirmation from KOEL).                        |             |             | ₹ 600/-          |
| 7                  | Arrow Sticker Showing Direction of Rotation.                                              |             |             | ₹ 300/-          |

#### Notes:

1) All % Cash extras to be loaded on the List Price.

2) All absolute values are to be added to the Net Price i.e List Price less discount.

#### Terms & Conditions :

- 1) The Prices mentioned in this Price List are subject to revision without prior notice.
- 2) The Prices mentioned in this Price List are Ex-works/Ex-godown basis and excluding GST and all other taxes and duties, which shall be charged extra as applicable at the time of invoicing.
- 3) Motor outputs are given in kW and HP. However kW is binding and HP is approximate.

## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE2 - HIGH EFFICIENCY (Cast Iron)

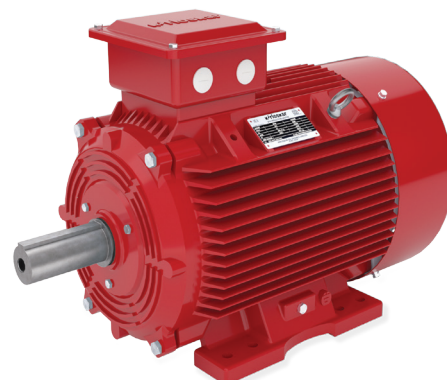


|                                  |                 |                  |                                             |
|----------------------------------|-----------------|------------------|---------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                      |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 95°C                                      |
| Combined Variation               | : 10%           | Duty             | : S1                                        |
| Insulation Class / Thermal Class | : F/F           | Efficiency Class | : IE2 as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411      Mounting : IMB3 - Horizontal Foot Mounting\*      Altitude : ≤1000m above MSL

| 2 Pole / 3000 RPM    |       |       |        |              |
|----------------------|-------|-------|--------|--------------|
| Product Codes        | kW    | HP    | Frame  | List Price ₹ |
| KM2.5T50.AJC.B03.TSN | 5.50  | 7.50  | KM112M | 47,500       |
| KM2.7T50.AJC.B03.TSN | 7.50  | 10.00 | KM112M | 48,500       |
| KM2.9T30.AAC.B03.TSN | 9.30  | 12.50 | KM132S | 85,000       |
| KM2.11T0.AKC.B03.TSN | 11    | 15    | KM132M | 95,500       |
| KM2.15T0.AKC.B03.TSN | 15    | 20    | KM132M | 1,06,000     |
| KM2.18T5.ABC.B03.TSN | 18.5  | 25    | KM160M | 1,50,000     |
| KM2.22T0.ALC.B03.TSN | 22    | 30    | KM160L | 1,60,000     |
| KM2.30T0.ACC.B03.TSN | 30    | 40    | KM180M | 2,25,000     |
| KM2.37T0.AMC.B03.TSN | 37    | 50    | KM180L | 2,75,000     |
| KM2.45T0.ANC.B03.TSN | 45    | 60    | KM200L | 3,50,000     |
| KM2.55T0.AQC.B03.TSN | 55    | 75    | KM225M | 4,20,000     |
| KM2.60T0.AQC.B03.TSN | 60**  | 80    | KM225M | 4,80,000     |
| KM2.67T0.ARC.B03.TSN | 67    | 90    | KM250M | 4,95,000     |
| KM2.75T0.ARC.B03.TSN | 75    | 100   | KM250M | 5,00,000     |
| KM2.90T0.ARC.B03.TSN | 90    | 120   | KM250M | 7,15,000     |
| KM2.93T0.ARC.B03.TSN | 93    | 125   | KM250M | 7,45,000     |
| KM2.110T.ARC.B03.TSN | 110** | 150   | KM250M | 7,90,000     |

FF Motor in TSL/TSA series will have additionally VPI treatment



Terminal Box on Top for 112 to 250 frames.  
Standard Paint Shade: RAL3001

\* For other mounting arrangements, please get in touch with KOEL.  
\*\* Rating suitable for 40 °C ambient / 105 °C temperature rise on DOL (by resistance method)

### Terms & Conditions :

- 1) The Prices mentioned in this Price List are subject to revision without prior notice.
- 2) The Prices mentioned in this Price List are Ex-works/Ex-godown basis and excluding GST and all other taxes and duties, which shall be charged extra as applicable at the time of invoicing.
- 3) Motor outputs are given in kW and HP. However kW is binding and HP is approximate.

## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE3 - PREMIUM EFFICIENCY (CAST IRON)



|                                  |                 |                  |                                              |
|----------------------------------|-----------------|------------------|----------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                       |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 95°C                                       |
| Combined Variation               | : 10%           | Duty             | : S1                                         |
| Insulation Class / Thermal Class | : F/F           | Efficiency Class | : IE3* as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411  
Service Factor: 1.2

Mounting : IMB3 - Horizontal Foot Mounting  
Type of Starting: DOL

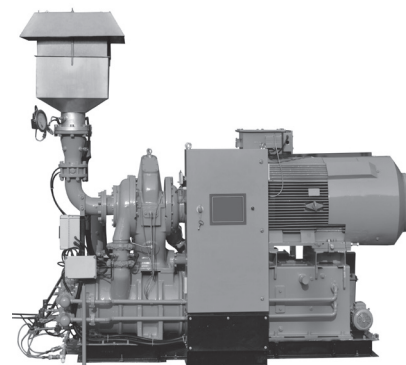
Altitude : ≤1000m above MSL  
Degree of Protection: IP 55

| 2 Pole / 3000 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM3.5T50.AAC.TSP.B03 | 5.50 | 7.50  | KM132S | 85,000       |
| KM3.7T50.AAC.TSP.B03 | 7.50 | 10.00 | KM132S | 87,000       |
| KM3.9T30.ABC.TSP.B03 | 9.30 | 12.50 | KM160M | 1,43,000     |
| KM3.11T0.ABC.TSP.B03 | 11   | 15    | KM160M | 1,60,000     |
| KM3.15T0.ABC.TSP.B03 | 15   | 20    | KM160M | 1,70,000     |
| KM3.18T5.ALC.TSP.B03 | 18.5 | 25    | KM160L | 2,25,000     |
| KM3.22T0.ACC.TSP.B03 | 22   | 30    | KM180M | 2,45,000     |
| KM3.30T0.ANC.TSP.B03 | 30   | 40    | KM200L | 3,75,000     |
| KM3.37T0.ANC.TSP.B03 | 37   | 50    | KM200L | 4,60,000     |
| KM3.45T0.AQC.TSP.B03 | 45   | 60    | KM225M | 5,85,000     |

| 4 Pole / 1500 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM3.5T50.BAC.TSP.B03 | 5.50 | 7.50  | KM132S | 88,500       |
| KM3.7T50.BKC.TSP.B03 | 7.50 | 10.00 | KM132M | 96,500       |
| KM3.9T30.BBC.TSP.B03 | 9.30 | 12.50 | KM160M | 1,54,000     |
| KM3.11T0.BBC.TSP.B03 | 11   | 15    | KM160M | 1,59,000     |
| KM3.15T0.BLC.TSP.B03 | 15   | 20    | KM160L | 2,00,000     |
| KM3.18T5.BCC.TSP.B03 | 18.5 | 25    | KM180M | 2,50,000     |
| KM3.22T0.BMC.TSP.B03 | 22   | 30    | KM180L | 2,75,000     |
| KM3.30T0.BNC.TSP.B03 | 30   | 40    | KM200L | 3,80,000     |
| KM3.37T0.BPC.TSP.B03 | 37   | 50    | KM225S | 4,65,000     |
| KM3.45T0.BQC.TSP.B03 | 45   | 60    | KM225M | 5,65,000     |

### Optional Features at extra cost -

- Flying leads
- Class H insulation
- Special shaft extension & diameter
- Special mounting dimensions
- Extreme voltage & frequency variations
- Other mountings B5, B35
- Winding accessories like thermistors, Resistance temperature detector (RTD's)
- Roller bearing at DE for reciprocating compressor type with v-belt coupling.
- Service factor up to 1.3 can be offered (after detailed engineering)
- Inverter duty (please get in touch with KOEL)



Terminal box position at TOP

Standard Paint Shade: RAL7046 (Tele-Grey: Anti-Corrosive Paint).

\* Efficiency as per IS 12615 : 2018 at rated output power & not at SF 1.2

## SQUIRREL CAGE 3-PHASE INDUCTION MOTORS: IE2 - HIGH EFFICIENCY (CAST IRON)



|                                  |                 |                  |                                              |
|----------------------------------|-----------------|------------------|----------------------------------------------|
| Voltage                          | : 415 V +/- 10% | Ambient          | : 50°C                                       |
| Frequency                        | : 50 Hz +/- 5%  | Temp. Rise       | : 95°C                                       |
| Combined Variation               | : 10%           | Duty             | : S1                                         |
| Insulation Class / Thermal Class | : F/F           | Efficiency Class | : IE2* as per 60034-30-1:2014, IS 12615:2018 |

Method of Cooling: TEFC / IC 411  
Service Factor: 1.2

Mounting : IMB3 - Horizontal Foot Mounting  
Type of Starting: DOL

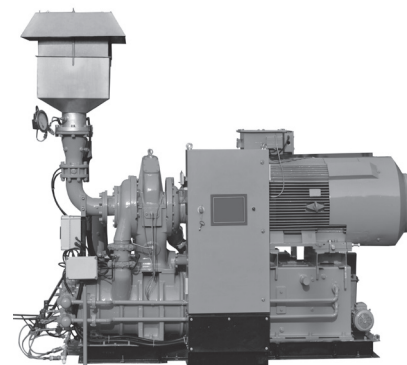
Altitude : ≤1000m above MSL  
Degree of Protection: IP 55

| 2 Pole / 3000 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM2.5T50.AAC.TSP.B03 | 5.50 | 7.50  | KM132S | 75,000       |
| KM2.7T50.AAC.TSP.B03 | 7.50 | 10.00 | KM132S | 80,000       |
| KM2.9T30.ABC.TSP.B03 | 9.30 | 12.50 | KM160M | 1,22,000     |
| KM2.11T0.ABC.TSP.B03 | 11   | 15    | KM160M | 1,32,500     |
| KM2.15T0.ABC.TSP.B03 | 15   | 20    | KM160M | 1,50,000     |
| KM2.18T5.ALC.TSP.B03 | 18.5 | 25    | KM160L | 1,90,000     |
| KM2.22T0.ACC.TSP.B03 | 22   | 30    | KM180M | 2,15,000     |
| KM2.30T0.ANC.TSP.B03 | 30   | 40    | KM200L | 3,50,000     |
| KM2.37T0.ANC.TSP.B03 | 37   | 50    | KM200L | 3,90,000     |
| KM2.45T0.AQC.TSP.B03 | 45   | 60    | KM225M | 4,85,000     |

| 4 Pole / 1500 RPM    |      |       |        |              |
|----------------------|------|-------|--------|--------------|
| Product Codes        | kW   | HP    | Frame  | List Price ₹ |
| KM2.5T50.BAC.TSP.B03 | 5.50 | 7.50  | KM132S | 75,000       |
| KM2.7T50.BKC.TSP.B03 | 7.50 | 10.00 | KM132M | 80,000       |
| KM2.9T30.BBC.TSP.B03 | 9.30 | 12.50 | KM160M | 1,35,000     |
| KM2.11T0.BBC.TSP.B03 | 11   | 15    | KM160M | 1,38,000     |
| KM2.15T0.BLC.TSP.B03 | 15   | 20    | KM160L | 1,75,000     |
| KM2.18T5.BCC.TSP.B03 | 18.5 | 25    | KM180M | 2,28,000     |
| KM2.22T0.BMC.TSP.B03 | 22   | 30    | KM180L | 2,45,000     |
| KM2.30T0.BNC.TSP.B03 | 30   | 40    | KM200L | 3,40,000     |
| KM2.37T0.BPC.TSP.B03 | 37   | 50    | KM225S | 3,85,000     |
| KM2.45T0.BQC.TSP.B03 | 45   | 60    | KM225M | 4,60,000     |

### Optional Features at extra cost -

- Flying leads
- Class H insulation
- Special shaft extension & diameter
- Special mounting dimensions
- Extreme voltage & frequency variations
- Other mountings B5, B35
- Winding accessories like thermistors, Resistance temperature detector (RTD's)
- Roller bearing at DE for reciprocating compressor type with v-belt coupling.
- Service factor up to 1.3 can be offered (after detailed engineering)
- Inverter duty (please get in touch with KOEL)



Terminal box position at TOP

Standard Paint Shade: RAL7046 (Tele-Grey: Anti-Corrosive Paint).

\* Efficiency as per IS 12615 : 2018 at rated output power & not at SF 1.2



Performance Beyond Expectations



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