

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE2)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 250 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

TWO POLE 3000 RPM

| kW | H.P | Frame size | Price (Rs) |
|-------|-------|------------------|------------|
| 0.37 | 0.50 | S2BAX71MA2 IE2 | 15690 |
| 0.55 | 0.75 | S2BAX71MB2 IE2 | 17570 |
| 0.75 | 1.00 | S2BAX80MA2 IE2 | 17940 |
| 1.10 | 1.50 | S2BAX80MB2 IE2 | 19820 |
| 1.50 | 2.00 | S2BAX90SA2 IE2 | 23820 |
| 2.20 | 3.00 | S2BAX90LA2 IE2 | 29940 |
| 3.70 | 5.00 | S2BAX100LC2 IE2 | 37500 |
| 5.50 | 7.50 | S2BAX132SA2 IE2 | 59720 |
| 7.50 | 10.00 | S2BAX132SB2 IE2 | 62440 |
| 9.30 | 12.50 | S2BAX160MLJ2 IE2 | 107880 |
| 11.00 | 15.00 | S2BAX160MLA2 IE2 | 114570 |
| 15.00 | 20.00 | S2BAX160MLB2 IE2 | 131820 |
| 18.50 | 25.00 | S2BAX160MLC2 IE2 | 163570 |
| 22.00 | 30.00 | S2BAX180MLA2 IE2 | 177500 |
| 30.00 | 40.00 | S2BAX200MLA2 IE2 | 274950 |
| 37.00 | 50.00 | S2BAX200MLB2 IE2 | 320440 |
| 45.00 | 60.00 | S2BAX225SMA2 IE2 | 412290 |
| 55.00 | 75.00 | S2BAX250SMA2 IE2 | 568750 |

FOUR POLE 1500 RPM

| kW | H.P | Frame size | Price (Rs) |
|-------|-------|------------------|------------|
| 0.37 | 0.50 | S2BAX71MB4 IE2 | 16630 |
| 0.55 | 0.75 | S2BAX80MA4 IE2 | 18570 |
| 0.75 | 1.00 | S2BAX80MB4 IE2 | 19800 |
| 1.10 | 1.50 | S2BAX90SA4 IE2 | 23100 |
| 1.50 | 2.00 | S2BAX90LA4 IE2 | 26490 |
| 2.20 | 3.00 | S2BAX100LA4 IE2 | 34400 |
| 3.70 | 5.00 | S2BAX112MA4 IE2 | 42820 |
| 5.50 | 7.50 | S2BAX132SA4 IE2 | 56250 |
| 7.50 | 10.00 | S2BAX132MA4 IE2 | 65180 |
| 9.30 | 12.50 | S2BAX160MLJ4 IE2 | 106700 |
| 11.00 | 15.00 | S2BAX160MLA4 IE2 | 109790 |
| 15.00 | 20.00 | S2BAX160MLB4 IE2 | 130190 |
| 18.50 | 25.00 | S2BAX180MLA4 IE2 | 175000 |
| 22.00 | 30.00 | S2BAX180MLB4 IE2 | 187130 |
| 30.00 | 40.00 | S2BAX200MLA4 IE2 | 266570 |
| 37.00 | 50.00 | S2BAX225SMA4 IE2 | 326820 |
| 45.00 | 60.00 | S2BAX225SMB4 IE2 | 386190 |
| 55.00 | 75.00 | S2BAX250SMA4 IE2 | 528750 |

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE2)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 250 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

| SIX POLE | | | 1000 RPM |
|----------|-------|------------------|------------|
| kW | H.P | Frame size | Price (Rs) |
| 0.37 | 0.50 | S2BAX80MA6 IE2 | 19690 |
| 0.55 | 0.75 | S2BAX80MB6 IE2 | 20070 |
| 0.75 | 1.00 | S2BAX90SA6 IE2 | 24440 |
| 1.10 | 1.50 | S2BAX90LA6 IE2 | 27170 |
| 1.50 | 2.00 | S2BAX100LA6 IE2 | 34220 |
| 2.20 | 3.00 | S2BAX112MA6 IE2 | 40930 |
| 3.70 | 5.00 | S2BAX132SB6 IE2 | 61430 |
| 5.50 | 7.50 | S2BAX132MB6 IE2 | 69590 |
| 7.50 | 10.00 | S2BAX160MLA6 IE2 | 108380 |
| 9.30 | 12.50 | S2BAX160MLJ6 IE2 | 126250 |
| 11.00 | 15.00 | S2BAX160MLB6 IE2 | 134320 |
| 15.00 | 20.00 | S2BAX180MLA6 IE2 | 180100 |
| 18.50 | 25.00 | S2BAX200MLA6 IE2 | 245500 |
| 22.00 | 30.00 | S2BAX200MLB6 IE2 | 259340 |
| 30.00 | 40.00 | S2BAX225SMA6 IE2 | 385840 |
| 37.00 | 50.00 | S2BAX250SMA6 IE2 | 529380 |

| Type | Three phase squirrel cage induction motor |
|---------------------------|---|
| Enclosure | Totally enclosed fan cooled |
| Voltage +/- variation | 415V+/- 10% |
| Frequency +/- variation | 50Hz +/- 5% |
| Combined +/- variation | 10% (Absolute sum) |
| Mounting reference | As per IEC 60072-1 |
| Altitude | Upto 1000 M |
| Relative humidity | Upto 100% |
| Degree of protection | IP55 as per IEC 60034-5 |
| Class of insulation | Class 'H' |
| Ambient temp./ Temp. rise | 50 Deg C/ 70 Deg C |
| Duty | S1 / Continuous |
| Terminal box | Optional* |
| Connection / No. of leads | Upto 2HP- 1no. 3 core flying lead of 1 meter length / Above 2HP - 1no. 6 core flying lead of 1 meter length |
| Direction of rotation | Bi-directional |
| Grease type | Lithium complex grease |
| Greasing arrangement | Greased for life, sealed bearings |
| Cooling | IC411 (TEFC) |
| Paint | RAL 9007(Shade: Grey aluminium) |

*Additional cost for terminal box

71 - 132 Frame
160 - 200 Frame
225 - 250 Frame

Rs. 500/-
Rs. 1000/-
Rs. 1500/-

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE2)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 300 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

TWO POLE 3000 RPM

| kW | H.P | Frame size | Price (Rs) |
|-------|-------|------------------|------------|
| 0.37 | 0.50 | S2BAX71MA2 IE2 | 16320 |
| 0.55 | 0.75 | S2BAX71MB2 IE2 | 18270 |
| 0.75 | 1.00 | S2BAX80MA2 IE2 | 18660 |
| 1.10 | 1.50 | S2BAX80MB2 IE2 | 20610 |
| 1.50 | 2.00 | S2BAX90SA2 IE2 | 24770 |
| 2.20 | 3.00 | S2BAX90LA2 IE2 | 31140 |
| 3.70 | 5.00 | S2BAX100LC2 IE2 | 38300 |
| 5.50 | 7.50 | S2BAX132SA2 IE2 | 62100 |
| 7.50 | 10.00 | S2BAX132SB2 IE2 | 64940 |
| 9.30 | 12.50 | S2BAX160MLJ2 IE2 | 112190 |
| 11.00 | 15.00 | S2BAX160MLA2 IE2 | 119150 |
| 15.00 | 20.00 | S2BAX160MLB2 IE2 | 137090 |
| 18.50 | 25.00 | S2BAX160MLC2 IE2 | 170110 |
| 22.00 | 30.00 | S2BAX180MLA2 IE2 | 184600 |
| 30.00 | 40.00 | S2BAX200MLA2 IE2 | 285950 |
| 37.00 | 50.00 | S2BAX200MLB2 IE2 | 333260 |
| 45.00 | 60.00 | S2BAX225SMA2 IE2 | 428780 |
| 55.00 | 75.00 | S2BAX250SMA2 IE2 | 591500 |

FOUR POLE 1500 RPM

| kW | H.P | Frame size | Price (Rs) |
|-------|-------|------------------|------------|
| 0.37 | 0.50 | S2BAX71MB4 IE2 | 17290 |
| 0.55 | 0.75 | S2BAX80MA4 IE2 | 19310 |
| 0.75 | 1.00 | S2BAX80MB4 IE2 | 20590 |
| 1.10 | 1.50 | S2BAX90SA4 IE2 | 24030 |
| 1.50 | 2.00 | S2BAX90LA4 IE2 | 27550 |
| 2.20 | 3.00 | S2BAX100LA4 IE2 | 35200 |
| 3.70 | 5.00 | S2BAX112MA4 IE2 | 44530 |
| 5.50 | 7.50 | S2BAX132SA4 IE2 | 58500 |
| 7.50 | 10.00 | S2BAX132MA4 IE2 | 67790 |
| 9.30 | 12.50 | S2BAX160MLJ4 IE2 | 110968 |
| 11.00 | 15.00 | S2BAX160MLA4 IE2 | 114180 |
| 15.00 | 20.00 | S2BAX160MLB4 IE2 | 135400 |
| 18.50 | 25.00 | S2BAX180MLA4 IE2 | 182000 |
| 22.00 | 30.00 | S2BAX180MLB4 IE2 | 194610 |
| 30.00 | 40.00 | S2BAX200MLA4 IE2 | 277230 |
| 37.00 | 50.00 | S2BAX225SMA4 IE2 | 339890 |
| 45.00 | 60.00 | S2BAX225SMB4 IE2 | 401635 |
| 55.00 | 75.00 | S2BAX250SMA4 IE2 | 549900 |

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE2)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 300 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

| SIX POLE | | | 1000 RPM |
|----------|-------|------------------|------------|
| kW | H.P | Frame size | Price (Rs) |
| 0.37 | 0.50 | S2BAX80MA6 IE2 | 20480 |
| 0.55 | 0.75 | S2BAX80MB6 IE2 | 20870 |
| 0.75 | 1.00 | S2BAX90SA6 IE2 | 25415 |
| 1.10 | 1.50 | S2BAX90LA6 IE2 | 28250 |
| 1.50 | 2.00 | S2BAX100LA6 IE2 | 35580 |
| 2.20 | 3.00 | S2BAX112MA6 IE2 | 42570 |
| 3.70 | 5.00 | S2BAX132SB6 IE2 | 63890 |
| 5.50 | 7.50 | S2BAX132MB6 IE2 | 72370 |
| 7.50 | 10.00 | S2BAX160MLA6 IE2 | 112710 |
| 9.30 | 12.50 | S2BAX160MLJ6 IE2 | 131300 |
| 11.00 | 15.00 | S2BAX160MLB6 IE2 | 139690 |
| 15.00 | 20.00 | S2BAX180MLA6 IE2 | 187304 |
| 18.50 | 25.00 | S2BAX200MLA6 IE2 | 255320 |
| 22.00 | 30.00 | S2BAX200MLB6 IE2 | 269710 |
| 30.00 | 40.00 | S2BAX225SMA6 IE2 | 401270 |
| 37.00 | 50.00 | S2BAX250SMA6 IE2 | 550550 |

| Type | Three phase squirrel cage induction motor |
|---------------------------|--|
| Enclosure | Totally enclosed fan cooled |
| Voltage +/- variation | 415V+/- 10% |
| Frequency +/- variation | 50Hz +/- 5% |
| Combined +/- variation | 10% (Absolute sum) |
| Mounting reference | As per IEC 60072-1 |
| Altitude | Upto 1000 M |
| Relative humidity | Upto 100% |
| Degree of protection | IP55 as per IEC 60034-5 |
| Class of insulation | Class 'H' |
| Ambient temp./ Temp. rise | 50 Deg C/ 70 Deg C |
| Duty | S1 / Continuous |
| Terminal box | Optional* |
| Connection / No. of leads | Upto 2HP- 1no. 3 core flying lead of 1 meter length / Above 2HP - 1no. 6 core flying lead of 1 meter length |
| Direction of rotation | Bi-directional |
| Grease type | Lithium complex grease |
| Greasing arrangement | Greased for life, sealed bearings |
| Cooling | IC411 (TEFC) |
| Paint | RAL 9007(Shade: Grey aluminium) |

*Additional cost for terminal box

71 - 132 Frame
160 - 200 Frame
225 - 250 Frame

Rs. 500/-
Rs. 1000/-
Rs. 1500/-

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE3)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 250 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

| TWO POLE | | | 3000 RPM |
|-----------|-------|------------------|------------|
| kW | H.P | Frame size | Price (Rs) |
| 0.37 | 0.50 | S3BAX71MC2 IE3 | 18070 |
| 0.55 | 0.75 | S3BAX71MB2 IE3 | 20250 |
| 0.75 | 1.00 | S3BAX80MC2 IE3 | 21570 |
| 1.10 | 1.50 | S3BAX80MD2 IE3 | 26940 |
| 1.50 | 2.00 | S3BAX90SB2 IE3 | 27320 |
| 2.20 | 3.00 | S3BAX90SLA2 IE3 | 34440 |
| 3.70 | 5.00 | S3BAX100LKB2 IE3 | 52630 |
| 5.50 | 7.50 | S3BAX132SMA2 IE3 | 69380 |
| 7.50 | 10.00 | S3BAX132SMB2 IE3 | 75190 |
| 9.30 | 12.50 | S3BAX160MLJ2 IE3 | 124380 |
| 11.00 | 15.00 | S3BAX160MLA2 IE3 | 131570 |
| 15.00 | 20.00 | S3BAX160MLB2 IE3 | 151380 |
| 18.50 | 25.00 | S3BAX160MLC2 IE3 | 189380 |
| 22.00 | 30.00 | S3BAX180MLA2 IE3 | 204000 |
| 30.00 | 40.00 | S3BAX200MLA2 IE3 | 301830 |
| 37.00 | 50.00 | S3BAX200MLB2 IE3 | 368440 |
| 45.00 | 60.00 | S3BAX225SMA2 IE3 | 474170 |
| 55.00 | 75.00 | S3BAX250SMA2 IE3 | 640000 |
| FOUR POLE | | | 1500 RPM |
| kW | H.P | Frame size | Price (Rs) |
| 0.37 | 0.50 | S3BAX71MLA4 IE3 | 19000 |
| 0.55 | 0.75 | S3BAX80MC4 IE3 | 22250 |
| 0.75 | 1.00 | S3BAX80MLA4 IE3 | 22600 |
| 1.10 | 1.50 | S3BAX90SB4 IE3 | 26590 |
| 1.50 | 2.00 | S3BAX90SLA4 IE3 | 30470 |
| 2.20 | 3.00 | S3BAX100LB4 IE3 | 37200 |
| 3.70 | 5.00 | S3BAX112MLA4 IE3 | 49320 |
| 5.50 | 7.50 | S3BAX132SMA4 IE3 | 65400 |
| 7.50 | 10.00 | S3BAX132MLA4 IE3 | 75320 |
| 9.30 | 12.50 | S3BAX160MLJ4 IE3 | 132620 |
| 11.00 | 15.00 | S3BAX160MLA4 IE3 | 131690 |
| 15.00 | 20.00 | S3BAX160MLB4 IE3 | 157500 |
| 18.50 | 25.00 | S3BAX180MLA4 IE3 | 205630 |
| 22.00 | 30.00 | S3BAX180MLB4 IE3 | 214690 |
| 30.00 | 40.00 | S3BAX200MLA4 IE3 | 289940 |
| 37.00 | 50.00 | S3BAX225SMA4 IE3 | 375940 |
| 45.00 | 60.00 | S3BAX225SMB4 IE3 | 444190 |
| 55.00 | 75.00 | S3BAX250SMA4 IE3 | 597500 |

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE3)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 250 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

| SIX POLE | | | 1000 RPM |
|----------|-------|------------------|------------|
| kW | H.P | Frame size | Price (Rs) |
| 0.37 | 0.50 | S3BAX80MC6 IE3 | 22750 |
| 0.55 | 0.75 | S3BAX80MLA6 IE3 | 23190 |
| 0.75 | 1.00 | S3BAX90SLA6 IE3 | 26730 |
| 1.10 | 1.50 | S3BAX90LB6 IE3 | 35630 |
| 1.50 | 2.00 | S3BAX100LKA6 IE3 | 41230 |
| 2.20 | 3.00 | S3BAX112MLA6 IE3 | 45320 |
| 3.70 | 5.00 | S3BAX132SMB6 IE3 | 70550 |
| 5.50 | 7.50 | S3BAX132MLA6 IE3 | 80820 |
| 7.50 | 10.00 | S3BAX160MLA6 IE3 | 124000 |
| 9.30 | 12.50 | S3BAX160MLJ6 IE3 | 158000 |
| 11.00 | 15.00 | S3BAX160MLB6 IE3 | 149380 |
| 15.00 | 20.00 | S3BAX180MLA6 IE3 | 197500 |
| 18.50 | 25.00 | S3BAX200MLA6 IE3 | 274470 |
| 22.00 | 30.00 | S3BAX200MLB6 IE3 | 284720 |
| 30.00 | 40.00 | S3BAX225SMA6 IE3 | 428750 |
| 37.00 | 50.00 | S3BAX250SMA6 IE3 | 602500 |

| Type | Three phase squirrel cage induction motor |
|---------------------------|---|
| Enclosure | Totally enclosed fan cooled |
| Voltage +/- variation | 415V+/- 10% |
| Frequency +/- variation | 50Hz +/- 5% |
| Combined +/- variation | 10% (Absolute sum) |
| Mounting reference | As per IEC 60072-1 |
| Altitude | Upto 1000 M |
| Relative humidity | Upto 100% |
| Degree of protection | IP55 as per IEC 60034-5 |
| Class of insulation | Class 'H' |
| Ambient temp./ temp. Rise | 50 Deg C/ 70 Deg C |
| Duty | S1 / Continuous |
| Terminal box | Optional* |
| Connection / no. of leads | Upto 2HP- 1no. 3 core flying lead of 1 meter length / Above 2HP - 1no. 6 core flying lead of 1 meter length |
| Direction of rotation | Bi-directional |
| Grease type | Lithium complex grease |
| Greasing arrangement | Greased for life, sealed bearings |
| Cooling | IC411 (TEFC) |
| Paint | RAL 9007(Shade: Grey aluminium) |

*Additional cost for terminal box

71-132 Frame
160-200 Frame
225-250 Frame

Rs. 500/-
Rs. 1000/-
Rs. 1500/-

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE3)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 300 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

TWO POLE 3000 RPM

| kW | H.P | Frame size | Price (Rs) |
|-------|-------|------------------|------------|
| 0.37 | 0.50 | S3BAX71MC2 IE3 | 18790 |
| 0.55 | 0.75 | S3BAX71MB2 IE3 | 21060 |
| 0.75 | 1.00 | S3BAX80MC2 IE3 | 22430 |
| 1.10 | 1.50 | S3BAX80MD2 IE3 | 28020 |
| 1.50 | 2.00 | S3BAX90SB2 IE3 | 28410 |
| 2.20 | 3.00 | S3BAX90SLA2 IE3 | 35820 |
| 3.70 | 5.00 | S3BAX100LKB2 IE3 | 54730 |
| 5.50 | 7.50 | S3BAX132SMA2 IE3 | 72150 |
| 7.50 | 10.00 | S3BAX132SMB2 IE3 | 78200 |
| 9.30 | 12.50 | S3BAX160MLJ2 IE3 | 129350 |
| 11.00 | 15.00 | S3BAX160MLA2 IE3 | 136830 |
| 15.00 | 20.00 | S3BAX160MLB2 IE3 | 157430 |
| 18.50 | 25.00 | S3BAX160MLC2 IE3 | 196950 |
| 22.00 | 30.00 | S3BAX180MLA2 IE3 | 212160 |
| 30.00 | 40.00 | S3BAX200MLA2 IE3 | 313900 |
| 37.00 | 50.00 | S3BAX200MLB2 IE3 | 383180 |
| 45.00 | 60.00 | S3BAX225SMA2 IE3 | 493130 |
| 55.00 | 75.00 | S3BAX250SMA2 IE3 | 665600 |

FOUR POLE 1500 RPM

| kW | H.P | Frame size | Price (Rs) |
|-------|-------|------------------|------------|
| 0.37 | 0.50 | S3BAX71MLA4 IE3 | 19760 |
| 0.55 | 0.75 | S3BAX80MC4 IE3 | 23140 |
| 0.75 | 1.00 | S3BAX80MLA4 IE3 | 23510 |
| 1.10 | 1.50 | S3BAX90SB4 IE3 | 27660 |
| 1.50 | 2.00 | S3BAX90SLA4 IE3 | 31690 |
| 2.20 | 3.00 | S3BAX100LB4 IE3 | 38350 |
| 3.70 | 5.00 | S3BAX112MLA4 IE3 | 51290 |
| 5.50 | 7.50 | S3BAX132SMA4 IE3 | 67410 |
| 7.50 | 10.00 | S3BAX132MLA4 IE3 | 78330 |
| 9.30 | 12.50 | S3BAX160MLJ4 IE3 | 137920 |
| 11.00 | 15.00 | S3BAX160MLA4 IE3 | 136960 |
| 15.00 | 20.00 | S3BAX160MLB4 IE3 | 163800 |
| 18.50 | 25.00 | S3BAX180MLA4 IE3 | 213850 |
| 22.00 | 30.00 | S3BAX180MLB4 IE3 | 223280 |
| 30.00 | 40.00 | S3BAX200MLA4 IE3 | 301540 |
| 37.00 | 50.00 | S3BAX225SMA4 IE3 | 390980 |
| 45.00 | 60.00 | S3BAX225SMB4 IE3 | 461960 |
| 55.00 | 75.00 | S3BAX250SMA4 IE3 | 621400 |

Smoke venting energy efficient Totally Enclosed Fan Cooled (TEFC) squirrel cage motors (IE3)

Enclosure confirming to protection IP55 as per IS/IEC 60034-5. Horizontal foot mounted induction motors, continuously rated, suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 °C ambient temperature continuous, and 300 °C for up to 2 hours. Altitude less than 1000 meters above sea level.

Reference standard: IEC:60034-30-1:2014, IEC:60034-1:2010 & BS EN12101-3:2002

| SIX POLE | | | 1000 RPM |
|----------|-------|------------------|------------|
| kW | H.P | Frame size | Price (Rs) |
| 0.37 | 0.50 | S3BAX80MC6 IE3 | 23660 |
| 0.55 | 0.75 | S3BAX80MLA6 IE3 | 24120 |
| 0.75 | 1.00 | S3BAX90SLA6 IE3 | 27800 |
| 1.10 | 1.50 | S3BAX90LB6 IE3 | 37050 |
| 1.50 | 2.00 | S3BAX100LKA6 IE3 | 42880 |
| 2.20 | 3.00 | S3BAX112MLA6 IE3 | 47130 |
| 3.70 | 5.00 | S3BAX132SMB6 IE3 | 73380 |
| 5.50 | 7.50 | S3BAX132MLA6 IE3 | 84050 |
| 7.50 | 10.00 | S3BAX160MLA6 IE3 | 128960 |
| 9.30 | 12.50 | S3BAX160MLJ6 IE3 | 164320 |
| 11.00 | 15.00 | S3BAX160MLB6 IE3 | 155350 |
| 15.00 | 20.00 | S3BAX180MLA6 IE3 | 205400 |
| 18.50 | 25.00 | S3BAX200MLA6 IE3 | 285440 |
| 22.00 | 30.00 | S3BAX200MLB6 IE3 | 296100 |
| 30.00 | 40.00 | S3BAX225SMA6 IE3 | 445900 |
| 37.00 | 50.00 | S3BAX250SMA6 IE3 | 626600 |

| Type | Three phase squirrel cage induction motor |
|---------------------------|--|
| Enclosure | Totally enclosed fan cooled |
| Voltage +/- variation | 415V+/- 10% |
| Frequency +/- variation | 50Hz +/- 5% |
| Combined +/- variation | 10% (Absolute sum) |
| Mounting reference | As per IEC 60072-1 |
| Altitude | Upto 1000 M |
| Relative humidity | Upto 100% |
| Degree of protection | IP55 as per IEC 60034-5 |
| Class of insulation | Class 'H' |
| Ambient temp./ Temp. rise | 50 Deg C/ 70 Deg C |
| Duty | S1 / Continuous |
| Terminal box | Optional* |
| Connection / No. of leads | Upto 2HP- 1no. 3 core flying lead of 1 meter length / Above 2HP - 1no. 6 core flying lead of 1 meter length |
| Direction of rotation | Bi-directional |
| Grease type | Lithium complex grease |
| Greasing arrangement | Greased for life, sealed bearings |
| Cooling | IC411 (TEFC) |
| Paint | RAL 9007(Shade: Grey aluminium) |

*Additional cost for terminal box

71 - 132 Frame
160 - 200 Frame
225 - 250 Frame

Rs. 500/-
Rs. 1000/-
Rs. 1500/-