



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

TWO POLE			3000 RPM
kW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MA2	19200
0.55	0.75	M2BAX71MB2	21100
0.75	1.00	M2BAX80MA2	23100
1.10	1.50	M2BAX80MB2	26000
1.50	2.00	M2BAX90SA2	31900
2.20	3.00	M2BAX90LA2	37800
3.00	4.00	M2BAX100LA2	44700
3.70	5.00	M2BAX100LC2	49700
4.00	5.50	M2BAX112MA2	62900
5.50	7.50	M2BAX112MB2	68000
5.50	7.50	M2BAX132SA2	79200
7.50	10.00	M2BAX132SB2	82800
9.30	12.50	M2BAX132SMD2	116500
9.30	12.50	M2BAX160MLJ2	150200
11.00	15.00	M2BAX160MLA2	157600
15.00	20.00	M2BAX160MLB2	178100
18.50	25.00	M2BAX160MLC2	212600
22.00	30.00	M2BAX180MLA2	242400
30.00	40.00	M2BAX200MLA2	336700
37.00	50.00	M2BAX200MLB2	381500
45.00	60.00	M2BAX225SMA2	496400
55.00	75.00	M2BAX250SMA2	675400
75.00	100.00	M2BAX280SA2	1011800
90.00	120.00	M2BAX280SMB2	1132000
110.00	150.00	M2BAX315SMA2	1396000
125.00	170.00	M2BAX315SB2	1623800
132.00	180.00	M2BAX315SMB2	1642100
160.00	215.00	M2BAX315SMC2	1816200
180.00	240.00	M2BAX315MA2	1966500
200.00	270.00	M2BAX315MLA2	2087000
225.00	300.00	M2BAX355SA2	2365000
250.00	335.00	M2BAX355SMA2	2541800
315.00	425.00	M2BAX355SMB2	2808400
355.00	475.00	M2BAX355SMC2	3158500



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

FOUR POLE			1500 RPM
kW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MB4	20700
0.55	0.75	M2BAX80MA4	25300
0.75	1.00	M2BAX80MB4	26700
1.10	1.50	M2BAX90SA4	32500
1.50	2.00	M2BAX90LA4	37300
2.20	3.00	M2BAX100LA4	44200
3.00	4.00	M2BAX100LB4	50000
3.70	5.00	M2BAX112MA4	56800
4.00	5.50	M2BAX112MA4	56800
5.50**	7.50	M2BAX112MLB4	73000
5.50	7.50	M2BAX132SA4	76900
7.50	10.00	M2BAX132MA4	89700
9.30	12.50	M2BAX132SME4	98800
9.30	12.50	M2BAX160MLJ4	144500
11.00	15.00	M2BAX160MLA4	148800
15.00	20.00	M2BAX160MLB4	173800
18.50	25.00	M2BAX180MLA4	231800
22.00	30.00	M2BAX180MLB4	248300
30.00	40.00	M2BAX200MLA4	342900
37.00	50.00	M2BAX225SMA4	400900
45.00	60.00	M2BAX225SMB4	481900
55.00	75.00	M2BAX250SMA4	620100
75.00	100.00	M2BAX280SA4	922500
90.00	120.00	M2BAX280SMB4	1052400
110.00	150.00	M2BAX315SMA4	1257600
125.00	170.00	M2BAX315SB4	1477900
132.00	180.00	M2BAX315SMB4	1490000
160.00	215.00	M2BAX315SMC4	1686900
180.00	240.00	M2BAX315MA4	1832400
200.00	270.00	M2BAX315MLA4	1991700
225.00	300.00	M2BAX355SA4	2359800
250.00	335.00	M2BAX355SMA4	2454900
315.00	425.00	M2BAX355SMB4	2841500
355.00	475.00	M2BAX355SMC4	3515700

* The rating is suitable for Class F temperature rise only

** The rating is suitable for Ambient 40 deg.C only



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.18	0.25	M2BAX71MA6	23100
0.37	0.50	M2BAX80MA6	25500
0.55	0.75	M2BAX80MB6	26700
0.75	1.00	M2BAX90SA6	33800
1.10	1.50	M2BAX90LA6	37300
1.50**	2.00	M2BAX90LC6	44600
1.50	2.00	M2BAX100LA6	46100
2.20	3.00	M2BAX112MA6	54800
3.00	4.00	M2BAX132SA6	74500
3.70	5.00	M2BAX132SB6	84300
4.00	5.50	M2BAX132MA6	87800
5.50	7.50	M2BAX132MB6	99300
7.50	10.00	M2BAX160MLA6	153700
9.30	12.50	M2BAX160MLJ6	185400
11.00	15.00	M2BAX160MLB6	195100
15.00	20.00	M2BAX180MLA6	248300
18.50	25.00	M2BAX200MLA6	307100
22.00	30.00	M2BAX200MLB6	331400
30.00	40.00	M2BAX225SMA6	468700
37.00	50.00	M2BAX250SMA6	615200
45.00	60.00	M2BAX280SA6	866100
55.00	75.00	M2BAX280SB6	1012900
75.00	100.00	M2BAX315SMA6	1173700
90.00	120.00	M2BAX315SMB6	1416500
110.00	150.00	M2BAX315SMC6	1579800
125.00	170.00	M2BAX315MA6	1848500
132.00	180.00	M2BAX315MLA6	1857700
160.00	215.00	M2BAX355SMA6	2092000
200.00	270.00	M2BAX355SMB6	2466700
250.00	335.00	M2BAX355SMC6	2589700
315.00	425.00	M3BP355MLB6	3894900

* The rating is suitable for Class F temperature rise only

** The rating is suitable for Ambient 40 deg.C only



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

Eight POLE			750 RPM
KW	H.P	Frame size	Price (Rs)
0.09	0.12	M2BAX71MA8	21700
0.12	0.16	M2BAX71MB8	22900
0.18	0.25	M2BAX80MA8	26400
0.25	0.34	M2BAX80MB8	27100
0.37	0.50	M2BAX90SA8	34900
0.55	0.75	M2BAX90LA8	37300
0.75	1.00	M2BAX100LA8	46300
1.10	1.50	M2BAX100LB8	51200
1.50	2.00	M2BAX112MA8	59000
2.20	3.00	M2BAX132SA8	94500
3.70	5.00	M2BAX160MLA8	130600
5.50	7.50	M2BAX160MLB8	165600
7.50	10.00	M2BAX160MLC8	198700
9.30	12.50	M2BAX180MLA8	253500
11.00	15.00	M2BAX180MLB8	274600
15.00	20.00	M2BAX200MLA8	351500
18.50	25.00	M2BAX225SMA8	443400
22.00	30.00	M2BAX225SMB8	520300
30.00	40.00	M2BAX250SMA8	650400
37.00	50.00	M2BAX280SA8	931800
45.00	60.00	M2BAX280SB8	1040600
55.00	75.00	M2BAX315SMA8	1316800
75.00	100.00	M2BAX315SMB8	1543200
90.00	120.00	M2BAX315SMC8	1679200
110.00	150.00	M2BAX315MLA8	1857700
132.00	180.00	M2BAX355SMA8	2252700
150.00	200.00	M2BAX355SB8	2398100
160.00	215.00	M2BAX355SMB8	2524100
180.00	240.00	M2BAX355SC8	2771800
200.00	270.00	M2BAX355SMC8	2919900
250*	335.00	M3BP355MLB8	4138800

* The rating is suitable for Class F temperature rise only



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

TWO POLE			3000 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MC2	22900
0.55	0.75	M2BAX71MB2	25900
0.75	1.00	M2BAX80MC2	27100
1.10	1.50	M2BAX80MD2	32800
1.50	2.00	M2BAX90SB2	36100
2.20	3.00	M2BAX90SLA2	43300
3.00	4.00	M2BAX100LKA2	58600
3.70	5.00	M2BAX100LKB2	66200
4.00	5.50	M2BAX112MB2	68000
5.50**	7.50	M2BAX112MLD2	76200
5.50	7.50	M2BAX132SMA2	98100
7.50	10.00	M2BAX132SMB2	106400
9.30	12.50	M2BAX132SMD2	134800
9.30	12.50	M2BAX160MLJ2	166200
11.00	15.00	M2BAX160MLA2	177400
15.00	20.00	M2BAX160MLB2	202200
18.50	25.00	M2BAX160MLC2	248300
22.00	30.00	M2BAX180MLA2	264300
30.00	40.00	M2BAX200MLA2	391300
37.00	50.00	M2BAX200MLB2	457000
45.00	60.00	M2BAX225SMA2	598300
55.00	75.00	M2BAX250SMA2	745000
75.00	100.00	M2BAX280SMB2	1123400
90.00	120.00	M2BAX280SMC2	1253200
110.00	150.00	M2BAX315SMB2	1494300
125.00	170.00	M2BAX315SC2	1814000
132.00	180.00	M2BAX315SMC2	1831700
160.00	215.00	M2BAX315SMD2	1970300
180.00	240.00	M2BAX315MA2	2246600
200.00	270.00	M2BAX315MLA2	2283400
225.00	300.00	M2BAX355SA2	2648800
250.00	335.00	M2BAX355SMA2	2849800
315.00	425.00	M2BAX355SMB2	3044900
355.00	475.00	M2BAX355SMC2	3440400

* The rating is suitable for Class F temperature rise only

** The rating is suitable for Ambient 40 deg.C only



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

FOUR POLE			1500 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MLA4	24700
0.55	0.75	M2BAX80MC4	29500
0.75	1.00	M2BAX80MLA4	31900
1.10	1.50	M2BAX90SB4	35500
1.50	2.00	M2BAX90SLA4	41000
2.20	3.00	M2BAX100LB4	50000
3.00	4.00	M2BAX100LKA4	54100
3.70	5.00	M2BAX112MLA4	67400
4.00	5.50	M2BAX112MLA4	67400
5.50	7.50	M2BAX132SMA4	95700
7.50	10.00	M2BAX132MLA4	103500
9.30*	12.50	M2BAX132MLB4	115000
9.30	12.50	M2BAX160MLJ4	175800
11.00	15.00	M2BAX160MLA4	176800
15.00	20.00	M2BAX160MLB4	215900
18.50	25.00	M2BAX180MLA4	266100
22.00	30.00	M2BAX180MLB4	280300
30.00	40.00	M2BAX200MLA4	387100
37.00	50.00	M2BAX225SMA4	487600
45.00	60.00	M2BAX225SMB4	566400
55.00**	75.00	M2BAX225SMC4	708100
55.00	75.00	M2BAX250SMA4	732400
75.00	100.00	M2BAX280SMB4	995100
90.00	120.00	M2BAX280SMC4	1154100
110.00	150.00	M2BAX315SMB4	1346900
125.00	170.00	M2BAX315SC4	1552600
132.00	180.00	M2BAX315SMC4	1571500
160.00	215.00	M2BAX315SMD4	1829800
180.00	240.00	M2BAX315MB4	2084700
200.00	270.00	M2BAX315MLB4	2190900
225.00	300.00	M2BAX355SA4	2616300
250.00	335.00	M2BAX355SMA4	2713300
315.00	425.00	M2BAX355SMB4	3112300
355.00	475.00	M2BAX355SMC4	3586300

* The rating is suitable for Class F temperature rise only

** The rating is suitable for Ambient 40 deg.C only



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.18	0.25	M2BAX71MB6	25500
0.25	0.34	M2BAX71MLA6	26600
0.37	0.50	M2BAX80MC6	29500
0.55	0.75	M2BAX80MLA6	31900
0.75	1.00	M2BAX90SLA6	37300
1.10	1.50	M2BAX90LB6	45800
1.50	2.00	M2BAX100LKA6	54400
2.20	3.00	M2BAX112MLA6	62000
3.00	4.00	M2BAX132SMA6	84200
3.70	5.00	M2BAX132SMB6	94100
4.00	5.50	M2BAX132SMB6	94100
5.50	7.50	M2BAX132MLA6	119400
7.50	10.00	M2BAX160MLA6	164400
9.30	12.50	M2BAX160MLJ6	197500
11.00	15.00	M2BAX160MLB6	211100
15.00	20.00	M2BAX180MLA6	275000
18.50	25.00	M2BAX200MLA6	356600
22.00	30.00	M2BAX200MLB6	383500
30.00	40.00	M2BAX225SMA6	552000
37.00	50.00	M2BAX250SMA6	699800
45.00	60.00	M2BAX280SMB6	963600
55.00	75.00	M2BAX280SMC6	1096000
75.00	100.00	M2BAX315SMB6	1287700
90.00	120.00	M2BAX315SMC6	1576100
110.00	150.00	M2BAX315SMD6	1738100
125.00	170.00	M2BAX315MB6	2035700
132.00	180.00	M2BAX315MLB6	2055200
160.00	215.00	M2BAX355SMA6	2298800
200.00	270.00	M2BAX355SMB6	2687700
250.00	335.00	M2BAX355SMC6	2884800
315.00	425.00	M3BP355MLB6	4141100



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

Eight POLE			750 RPM
KW	H.P	Frame size	Price (Rs)
0.09	0.12	M2BAX71MA8	27100
0.12	0.16	M2BAX71MB8	27700
0.18	0.25	M2BAX80MA8	29500
0.25	0.34	M2BAX80MB8	31900
0.37	0.50	M2BAX90SA8	35500
0.55	0.75	M2BAX90LA8	43300
0.75	1.00	M2BAX100LKA8	53200
1.10	1.50	M2BAX100LKB8	61000
1.50	2.00	M2BAX112MLA8	68600
2.20	3.00	M2BAX132SMA8	106400
3.70	5.00	M2BAX160MLA8	152300
5.50	7.50	M2BAX160MLB8	180000
7.50	10.00	M2BAX160MLC8	221100
9.30	12.50	M2BAX180MLA8	286600
11.00	15.00	M2BAX180MLB8	303400
15.00	20.00	M2BAX200MLA8	409800
18.50	25.00	M2BAX225SMA8	519000
22.00	30.00	M2BAX225SMB8	575200
30.00	40.00	M2BAX250SMA8	719100
37.00	50.00	M2BAX280SA8	1044900
45.00	60.00	M2BAX280SB8	1199300
55.00	75.00	M2BAX315SMA8	1421700
75.00	100.00	M2BAX315SMB8	1693100
90.00	120.00	M2BAX315SMC8	1918900
110.00	150.00	M2BAX315MLA8	2031800
132.00	180.00	M2BAX355SMA8	2483300
150.00	200.00	M2BAX355SB8	2838000
160.00	215.00	M2BAX355SMB8	2875600
180.00	240.00	M2BAX355SC8	3015400
200.00	270.00	M2BAX355SMC8	3105700
250*	335.00	M3BP355MLB8	4335500

* The rating is suitable for Class F temperature rise only

**Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE4)**

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

TWO POLE			3000 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MA2	28400
0.55	0.75	M2BAX71MB2	32100
0.75	1.00	M2BAX80MA2	33600
1.10	1.50	M2BAX80MB2	40700
1.50	2.00	M2BAX90SLA2	44800
2.20	3.00	M2BAX90SLB2	53700
3.70	5.00	M2BAX100LA2	82100
5.50	7.50	M2BAX132SA2	121600
7.50	10.00	M2BAX132SB2	131900
9.30	12.50	M2BAX160MLJ2	211100
11.00	15.00	M2BAX160MLA2	225300
15.00	20.00	M2BAX160MLB2	256800
18.50	25.00	M2BAX160MLC2	315300
22.00	30.00	M2BAX180MLA2	335700
30.00	40.00	M2BAX200MLA2	497000
37.00	50.00	M2BAX200MLB2	580400
45.00	60.00	M2BAX225SMA2	759800
55.00	75.00	M2BAX250SMA2	946200
75.00	100.00	M3BP280SMB2	1426700
90.00	120.00	M3BP280SMC2	1591600
110.00	150.00	M3BP315SMB2	1897800
132.00	180.00	M3BP315SMC2	2326300
160.00	215.00	M3BP315MLA2	2502300
200.00	270.00	M3BP315MLB2	2785700
200.00	270.00	M3BP355SMA2	2899900
250.00	335.00	M3BP355SMB2	3619200
315.00	425.00	M3BP355SMC2	3867000
355.00	475.00	M3BP355MLA2	4369300

**Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE4)**

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

FOUR POLE			1500 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MLA4	30600
0.55	0.75	M2BAX80MA4	36600
0.75	1.00	M2BAX80MLA4	39600
1.10	1.50	M2BAX90SLA4	44000
1.50	2.00	M2BAX90SLB4	50800
2.20	3.00	M2BAX100LA4	62000
3.70	5.00	M2BAX112MLA4	83600
5.50	7.50	M2BAX132SA4	118700
7.50	10.00	M2BAX132SMA4	128300
9.30	12.50	M2BAX160MLJ4	223300
11.00	15.00	M2BAX160MLA4	224500
15.00	20.00	M2BAX160MLB4	274200
18.50	25.00	M2BAX180MLA4	337900
22.00	30.00	M2BAX180MLB4	356000
30.00	40.00	M2BAX200MLA4	491600
37.00	50.00	M2BAX225SMA4	619300
45.00	60.00	M2BAX225SMB4	719300
55.00	75.00	M2BAX250SMA4	930100
75.00	100.00	M3BP280SMC4	1263800
90.00	120.00	M3BP280MLA4	1465700
110.00	150.00	M3BP315SMC4	1710600
132.00	180.00	M3BP315SMD4	1995800
160.00	215.00	M3BP315MLB4	2323800
200.00	270.00	M3BP315LKB4	2672900
200.00	270.00	M3BP355SMA4	2782400
250.00	335.00	M3BP355SMB4	3445900
315.00	425.00	M3BP355SMC4	3952600
355.00	475.00	M3BP355MLA4	4554600

**Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE4)**

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.25	0.34	M2BAX71MLA6	32900
0.37	0.50	M2BAX80MA6	36600
0.55	0.75	M2BAX80MLA6	39600
0.75	1.00	M2BAX90SLA6	46300
1.10	1.50	M2BAX90SLB6	56800
1.50	2.00	M2BAX100LA6	67500
2.20	3.00	M2BAX112MA6	76900
3.70	5.00	M2BAX132SA6	116700
5.50	7.50	M2BAX132SMA6	148100
7.50	10.00	M2BAX160MLA6	208800
9.30	12.50	M2BAX160MLJ6	250800
11.00	15.00	M2BAX160MLB6	268100
15.00	20.00	M2BAX180MLA6	349300
18.50	25.00	M2BAX200MLA6	452900
22.00	30.00	M2BAX200MLB6	487000
30.00	40.00	M2BAX225SMA6	701000
37.00	50.00	M2BAX250SMA6	888700
45.00	60.00	M3BP280SMB6	1223800
55.00	75.00	M3BP280SMC6	1391900
75.00	100.00	M3BP315SMC6	1635400
90.00	120.00	M3BP315SMD6	2001600
110.00	150.00	M3BP315MLB6	2207400
132.00	180.00	M3BP315LKA6	2610100
160.00	215.00	M3BP355SMB6	2919500
200.00	270.00	M3BP355SMC6	3413400
250.00	335.00	M3BP355MLB6	3663700
315.00	425.00	M3BP355LKA6	4598800



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Flame proof Squirrel Cage Induction Motors (IE2)

Enclosure conforming to protection IP55 as per IEC: 60034-5:2000, Horizontal foot mounted (B3) induction motors, continuously rated suitable for, operation on 415V+/-10%, 3 phase, 50Hz+/-5%A.C supply with class 'F' insulation for 45 Deg.C ambient temperature with Ex marking Ex db IIB T4 Gb, and altitude less than 1000M above MSL and conforming to IS/IEC 60079-1 (2014) for operation in hazardous location classified as Zone 1 and Zone 2 areas as per IS:5572

TWO POLE			3000 RPM
kW	H.P	Frame size	Price (Rs)
0.75	1.00	M2JAP80MB2	58300
1.10	1.50	M2JAP80MC2	64900
1.50	2.00	M2JAP90SLB2	69800
2.20	3.00	M2JAP90SLC2	86600
3.00	4.00	M2JAP100LB2	101100
4.00	5.50	M2JAP112MC2	139400
3.70	5.00	M2JAP100LC2	115300
5.50	7.50	M2JAP132SMB2	163400
7.50	10.00	M2JAP132SMC2	180500
9.30	12.50	M2JAP160MLJ2	293400
11.00	15.00	M2JAP160MLA2	326000
15.00	20.00	M2JAP160MLB2	359600
18.50	25.00	M2JAP160MLC2	408300
22.00	30.00	M2JAP180MLA2	484500
30.00	40.00	M2JAP200MLA2	652200
37.00	50.00	M2JAP200MLC2	844500
45.00	60.00	M2JAP225SMB2	1072100
55.00	75.00	M2JAP250SMA2	1419800

FOUR POLE			1500 RPM
kW	H.P	Frame size	Price (Rs)
0.55	0.75	M2JAP80MA4	55000
0.75	1.00	M2JAP80MD4	57100
1.10	1.50	M2JAP90SLB4	68300
1.50	2.00	M2JAP90SLD4	70500
2.20	3.00	M2JAP100LC4	89500
3.00	4.00	M2JAP100LD4	98600
3.70	5.00	M2JAP112MB4	113400
4.00	5.50	M2JAP112MC4	124800
5.50	7.50	M2JAP132SMB4	156000
7.50	10.00	M2JAP132SMC4	177700
9.30	12.50	M2JAP160MLJ4	253200
11.00	15.00	M2JAP160MLC4	281200
15.00	20.00	M2JAP160MLE4	342000
18.50	25.00	M2JAP180MLA4	388200
22.00	30.00	M2JAP180MLB4	461500
30.00	40.00	M2JAP200MLB4	619300
37.00	50.00	M2JAP225SMB4	771400
45.00	60.00	M2JAP225SMC4	975500
55.00	75.00	M2JAP250SMA4	1292500



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Flame proof Squirrel Cage Induction Motors (IE2)

Enclosure conforming to protection IP55 as per IEC: 60034-5:2000, Horizontal foot mounted (B3) induction motors, continuously rated suitable for, operation on 415V+/-10%, 3 phase, 50Hz+/-5%A.C supply with class 'F' insulation for 45 Deg.C ambient temperature with Ex marking Ex db IIB T4 Gb, and altitude less than 1000M above MSL and conforming to IS/IEC 60079-1 (2014) for operation in hazardous location classified as Zone 1 and Zone 2 areas as per IS:5572

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.25	0.34	M2JAP80MJ6	55000
0.37	0.50	M2JAP80MA6	57800
0.55	0.75	M2JAP80MB6	59100
0.75	1.00	M2JAP90SLC6	68800
1.10	1.50	M2JAP90SLE6	74500
1.50	2.00	M2JAP100L6	102600
2.20	3.00	M2JAP112MC6	125200
3.00	4.00	M2JAP132SMB6	141600
3.70	5.00	M2JAP132SMJ6	157900
4.00	5.50	M2JAP132SMC6	174600
5.50	7.50	M2JAP132SMF6	191200
7.50	10.00	M2JAP160MLA6	302800
9.30	12.50	M2JAP160MLJ6	340800
11.00	15.00	M2JAP160MLB6	354900
15.00	20.00	M2JAP180MLB6	474400
18.50	25.00	M2JAP200MLA6	590100
22.00	30.00	M2JAP200MLB6	640100
30.00	40.00	M2JAP225SMB6	1003700
37.00	50.00	M2JAP250SMA6	1333000

Eight POLE			750 RPM
KW	H.P	Frame size	Price (Rs)
0.18	0.25	M2JAP80MA8	62700
0.25	0.34	M2JAP80MB8	66000
0.37	0.50	M2JAP90SLB8	69400
0.55	0.75	M2JAP90SLC8	71400
0.75	1.00	M2JAP100LA8	86400
1.10	1.50	M2JAP100LB8	100500
1.50	2.00	M2JAP112MC8	120500
2.20	3.00	M2JAP132SMA8	159300
3.70	5.00	M2JAP160MLJ8	270900
5.50	7.50	M2JAP160MLB8	302800
7.50	10.00	M2JAP160MLC8	369300
9.30	12.50	M2JAP180MLJ8	469500
11.00	15.00	M2JAP180MLB8	494500
15.00	20.00	M2JAP200MLA8	668400
18.50	25.00	M2JAP225SMA8	829900
22.00	30.00	M2JAP225SMB8	1092200
30.00	40.00	M2JAP250SMA8	1387500



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Flame proof Squirrel Cage Induction Motors (IE3)

Enclosure conforming to protection IP55 as per IEC: 60034-5:2000, Horizontal foot mounted (B3) induction motors, continuously rated suitable for, operation on 415V+/-10%, 3 phase, 50Hz+/-5%A.C supply with class 'F' insulation for 45 Deg.C ambient temperature with Ex marking Ex db IIB T4 Gb, and altitude less than 1000M above MSL and conforming to IS/IEC 60079-1 (2014) for operation in hazardous location classified as Zone 1 and Zone 2 areas as per IS:5572

TWO POLE			3000 RPM
kW	H.P	Frame size	Price (Rs)
0.75	1.00	M2JAP80MD2	62400
1.10	1.50	M2JAP80MG2	69400
1.50	2.00	M2JAP90SLB2	74600
2.20	3.00	M2JAP90LC2	92700
3.70	5.00	M2JAP100LKB2	117800
4.00	5.50	M2JAP112MG2	150700
5.50	7.50	M2JAP132SMF2	183600
7.50	10.00	M2JAP132SMG2	192900
9.30	12.50	M2JAP160MLJ2	307900
11.00	15.00	M2JAP160MLA2	342100
15.00	20.00	M2JAP160MLB2	384300
18.50	25.00	M2JAP160MLC2	436500
22.00	30.00	M2JAP180MLA2	517700
30.00	40.00	M2JAP200MLA2	728600
37.00	50.00	M2JAP200MLB2	902700
45.00	60.00	M2JAP225SMA2	1145800
55.00	75.00	M2JAP250SMA2	1517300

FOUR POLE			1500 RPM
kW	H.P	Frame size	Price (Rs)
0.55	0.75	M2JAP80MLD4	58800
0.75	1.00	M2JAP80MLG4	61100
1.10	1.50	M2JAP90SLC4	70700
1.50	2.00	M2JAP90LD4	91300
2.20	3.00	M2JAP100LKA4	101400
3.70	5.00	M2JAP112MF4	121400
4.00	5.50	M2JAP112MG4	133500
5.50	7.50	M2JAP132SMF4	166800
7.50	10.00	M2JAP132SMG4	190100
9.30	12.50	M2JAP160MLJ4	287500
11.00	15.00	M2JAP160MLA4	300600
15.00	20.00	M2JAP160MLB4	365500
18.50	25.00	M2JAP180MLA4	415100
22.00	30.00	M2JAP180MLB4	493300
30.00	40.00	M2JAP200MLA4	661900
37.00	50.00	M2JAP225SMA4	862000
45.00	60.00	M2JAP225SMB4	1090100
55.00	75.00	M2JAP250SMA4	1381500



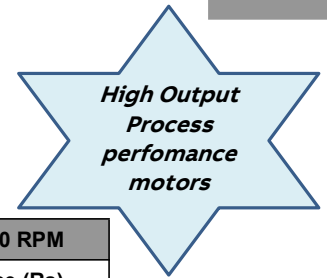
Energy Efficient Totally Enclosed Fan Cooled (TEFC) Flame proof Squirrel Cage Induction Motors (IE3)

Enclosure conforming to protection IP55 as per IEC: 60034-5:2000, Horizontal foot mounted (B3) induction motors, continuously rated suitable for, operation on 415V+/-10%, 3 phase, 50Hz+/-5%A.C supply with class 'F' insulation for 45 Deg.C ambient temperature with Ex marking Ex db IIB T4 Gb, and altitude less than 1000M above MSL and conforming to IS/IEC 60079-1 (2014) for operation in hazardous location classified as Zone 1 and Zone 2 areas as per IS:5572

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.25	0.34	M2JAP80MA6	58700
0.37	0.50	M2JAP80MD6	61700
0.55	0.75	M2JAP80MLG6	63500
0.75	1.00	M2JAP90SLD6	77300
1.10	1.50	M2JAP90LF6	79600
1.50	2.00	M2JAP100LE6	109700
2.20	3.00	M2JAP112MJ6	127400
3.00	4.00	M2JAP132SMD6	152400
3.70	5.00	M2JAP132SMJ6	177400
4.00	5.50	M2JAP132SMG6	190900
5.50	7.50	M2JAP132SMH6	204400
7.50	10.00	M2JAP160MLA6	309700
9.30	12.50	M2JAP160MLJ6	362300
11.00	15.00	M2JAP160MLB6	379300
15.00	20.00	M2JAP180MLA6	485000
18.50	25.00	M2JAP200MLA6	603200
22.00	30.00	M2JAP200MLB6	654400
30.00	40.00	M2JAP225SMA6	1072700
37.00	50.00	M2JAP250SMA6	1424800



Energy Efficient Totally Enclosed Fan Cooled (TEFC) High Output Squirrel Cage Induction Motors (IE2)
(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for ambient temperature as per chart and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.



TWO POLE				3000 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
110.00	150.00	M3BP280SMC2	50/B	45/B	1299600	
132.00	180.00	M3BP280MLA2	50/B	45/B	1597000	
160.00	215.00	M3BP280MLB2	50/F	45/B	1744800	
250.00	335.00	M3BP315LKA2	50/F	45/B	2387500	
315.00	425.00	M3BP315LKC2	50/F	45/B	2631100	
400.00	540.00	M3BP355MLA2	50/F	45/B	3646300	
450.00	605.00	M3BP355MLB2	50/F	45/B	4010500	
500.00	670.00	M3BP355LKA2	50/F	45/B	4411400	
560.00	750.00	M3BP355LKB2	50/F	45/B	4853000	
FOUR POLE				1500 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
110.00	150.00	M3BP280SMC4	50/B	45/B	1177800	
132.00	180.00	M3BP280MLA4	50/B	45/B	1364600	
160.00	215.00	M3BP280MLB4	50/B	45/B	1584600	
250.00	335.00	M3BP315LKA4	50/B	45/B	2308200	
280.00	375.00	M3BP315LKB4	50/F	45/B	2662500	
315.00	425.00	M3BP315LKC4	50/F	45/B	2681900	
400.00	540.00	M3BP355MLA4	50/F	45/B	3574700	
450.00	605.00	M3BP355MLB4	50/F	45/B	4148200	
500.00	670.00	M3BP355LKA4	50/B	45/B	4286600	
560.00	750.00	M3BP355LKB4	50/F	45/F	4377100	
SIX POLE				1000 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
75.00	100.00	M3BP280SMC6	50/F	45/B	1113900	
90.00	120.00	M3BP280MLA6	50/F	45/B	1375200	
110.00	150.00	M3BP280MLB6	50/B	45/B	1532500	
160.00	215.00	M3BP315LKA6	50/B	45/B	1960600	
180.00	240.00	M3BP315LKB6	50/B	45/B	2300000	
200.00	270.00	M3BP315LKC6	50/B	45/B	2352000	
355.00	475.00	M3BP355LKA6	50/B	45/B	3697100	
400.00	540.00	M3BP355LKB6	50/B	45/B	4466300	
EIGHT POLE				750 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
55.00	75.00	M3BP280SMC8	50/B	45/B	1227400	
75.00	100.00	M3BP280MLB8	50/B	45/B	1472200	
132.00	180.00	M3BP315LKA8	50/F	45/F	2103100	
150.00	200.00	M3BP315LKB8	50/F	45/F	2273900	
160.00	215.00	M3BP315LKC8	50/B	45/F	2350800	
315.00	425.00	M3BP355LKB8	50/F	45/F	4756000	



Energy Efficient Totally Enclosed Fan Cooled (TEFC) High Output Squirrel Cage Induction Motors (IE3)
 (Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for ambient temperature as per chart and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

*High Output
Process
performance
motors*

TWO POLE				3000 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
110.00	150.00	M3BP280SMD2	50/B	45/B	1430600	
132.00	180.00	M3BP280MLA2	50/B	45/B	1721300	
160.00	215.00	M3BP280MLB2	50/B	45/B	1852100	
250.00	335.00	M3BP315LKB2	50/B	45/B	2678800	
315.00	425.00	M3BP315LKC2	50/F	45/F	2862300	
400.00	540.00	M3BP355MLB2	50/F	45/F	4010900	
450.00	605.00	M3BP355MLC2	50/F	45/F	4372800	
500.00	670.00	M3BP355LKA2	50/F	45/F	4695300	
560.00	750.00	M3BP355LKB2	50/F	45/F	5217000	
FOUR POLE				1500 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
110.00	150.00	M3BP280SMD4	50/B	45/B	1266100	
132.00	180.00	M3BP280MLA4	50/B	45/B	1477300	
160.00	215.00	M3BP280MLB4	50/B	45/B	1751700	
250.00	335.00	M3BP315LKC4	50/B	45/B	2550400	
280.00	375.00	M3BP315LKD4	50/B	45/B	2738100	
315.00	425.00	M3BP315LKE4	50/B	45/B	2925600	
400.00	540.00	M3BP355MLB4	50/F	45/F	3932100	
450.00	605.00	M3BP355MLC4	50/F	45/B	4563100	
500.00	670.00	M3BP355LKA4	50/B	45/B	4715300	
560.00	750.00	M3BP355LKB4	50/F	45/F	4814800	
SIX POLE				1000 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
75.00	100.00	M3BP280SMD6	50/B	45/B	1210600	
90.00	120.00	M3BP280MLA6	50/B	45/B	1481500	
110.00	150.00	M3BP280MLB6	50/F	45/F	1633800	
160.00	215.00	M3BP315LKC6	50/B	45/B	2156700	
180.00	240.00	M3BP315LKD6	50/B	45/B	2530000	
200.00	270.00	M3BP315LKE6	50/B	45/B	2587200	
315.00	422.00	M3BP355LKA6	50/B	45/B	3892700	
355.00	475.00	M3BP355LKB6	50/B	45/B	4031900	
400.00	540.00	M3BP355LKC6	50/B	45/B	4913000	
EIGHT POLE				750 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
55.00	75.00	M3BP280SMC8	50/B	45/B	1336400	
75.00	100.00	M3BP280MLB8	50/B	45/B	1591500	
132.00	180.00	M3BP315LKA8	50/B	45/B	2334300	
150.00	200.00	M3BP315LKB8	50/F	45/B	2667700	
160.00	215.00	M3BP315LKC8	50/F	45/B	2703100	
315.00	425.00	M3BP355LKB8	50/F	45/B	5112800	

**Energy Efficient Totally Enclosed Fan Cooled (TEFC) High Output Squirrel Cage Induction Motors (IE4)**

(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for ambient temperature as per chart and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

*High Output
Process
performance
motors*

TWO POLE				3000 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
110.00	150.00	M3BP280SMD2	50/B	45/B	1816900	
132.00	180.00	M3BP280MLA2	50/B	45/B	2186100	
160.00	215.00	M3BP280MLB2	50/F	45/F	2352200	
250.00	335.00	M3BP315LKB2	50/F	45/F	3476800	
315.00	425.00	M3BP315LKC2	50/F	45/F	3635100	
450.00	605.00	M3BP355MLC2	50/F	45/F	5553500	
500.00	670.00	M3BP355LKA2	50/B	45/B	5963000	
560.00	750.00	M3BP355LKB2	50/F	45/F	6625600	
FOUR POLE				1500 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
110.00	150.00	M3BP280MLB4	50/B	45/B	1607900	
132.00	180.00	M3BP280MLC4	50/B	45/B	1876200	
250.00	335.00	M3BP315LKC4	50/B	45/B	3310200	
315.00	425.00	M3BP315LKE4	50/F	45/F	3715500	
400.00	540.00	M3BP355MLB4	50/F	45/F	4993800	
450.00	605.00	M3BP355MLC4	50/F	45/F	5795100	
500.00	670.00	M3BP355LKA4	50/F	45/B	5988400	
SIX POLE				1000 RPM		
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)	
75.00	100.00	M3BP280SMD6	50/B	45/B	1537500	
160.00	215.00	M3BP315LKC6	50/B	45/B	2804500	
200.00	270.00	M3BP315LKE6	50/B	45/B	3285700	
355.00	475.00	M3BP355LKB6	50/B	45/B	4763300	



FRSM - 66 Effective from 21.05.2024
(Superseding FRSM - 65 dated 01.05.2022)

PRICE LIST

IE2

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE2)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature continuous and **250 Deg.C for 2 Hrs.**, Altitude less than 1000M above MSL.

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	24300
0.55	0.75	S2BAX71MB2 IE2	27200
0.75	1.00	S2BAX80MA2 IE2	27800
1.10	1.50	S2BAX80MB2 IE2	30700
1.50	2.00	S2BAX90SA2 IE2	37800
2.20	3.00	S2BAX90LA2 IE2	46100
3.70	5.00	S2BAX100LC2 IE2	62700
5.50	7.50	S2BAX132SA2 IE2	91700
7.50	10.00	S2BAX132SB2 IE2	95800
9.30	12.50	S2BAX160MLJ2 IE2	158500
11.00	15.00	S2BAX160MLA2 IE2	175000
15.00	20.00	S2BAX160MLB2 IE2	201000
18.50	25.00	S2BAX160MLC2 IE2	250200
22.00	30.00	S2BAX180MLA2 IE2	271400
30.00	40.00	S2BAX200MLA2 IE2	420400
37.00	50.00	S2BAX200MLB2 IE2	489600
45.00	60.00	S2BAX225SMA2 IE2	630300
55.00	75.00	S2BAX250SMA2 IE2	869100

FOUR POLE		1500 RPM	
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MB4 IE2	25500
0.55	0.75	S2BAX80MA4 IE2	28400
0.75	1.00	S2BAX80MB4 IE2	30700
1.10	1.50	S2BAX90SA4 IE2	35500
1.50	2.00	S2BAX90LA4 IE2	40900
2.20	3.00	S2BAX100LA4 IE2	52700
3.70	5.00	S2BAX112MA4 IE2	65700
5.50	7.50	S2BAX132SA4 IE2	86300
7.50	10.00	S2BAX132MA4 IE2	99300
9.30	12.50	S2BAX160MLJ4 IE2	163200
11.00	15.00	S2BAX160MLA4 IE2	167900
15.00	20.00	S2BAX160MLB4 IE2	199300
18.50	25.00	S2BAX180MLA4 IE2	267200
22.00	30.00	S2BAX180MLB4 IE2	286200
30.00	40.00	S2BAX200MLA4 IE2	407400
37.00	50.00	S2BAX225SMA4 IE2	499000
45.00	60.00	S2BAX225SMB4 IE2	590100
55.00	75.00	S2BAX250SMA4 IE2	808300

SIX POLE		1000 RPM	
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX80MA6 IE2	30200
0.55	0.75	S2BAX80MB6 IE2	30700
0.75	1.00	S2BAX90SA6 IE2	37800
1.10	1.50	S2BAX90LA6 IE2	42000
1.50	2.00	S2BAX100LA6 IE2	52000
2.20	3.00	S2BAX112MA6 IE2	62700
3.70	5.00	S2BAX132SB6 IE2	94100
5.50	7.50	S2BAX132MB6 IE2	106400
7.50	10.00	S2BAX160MLA6 IE2	166200
9.30	12.50	S2BAX160MLJ6 IE2	193400
11.00	15.00	S2BAX160MLB6 IE2	205800
15.00	20.00	S2BAX180MLA6 IE2	275500
18.50	25.00	S2BAX200MLA6 IE2	375500
22.00	30.00	S2BAX200MLB6 IE2	396100
30.00	40.00	S2BAX225SMA6 IE2	590100
37.00	50.00	S2BAX250SMA6 IE2	808800

Type	Three phase squirrel cage induction motor
Enclosure	Totally enclosed fan cooled
Voltage +/- variation	415+/- 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	Can be provided as 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)

*Terminal Box Charges

71 - 132 Frame	Rs. 500/- net
160 - 200 Frame	Rs. 1000/- net
225 - 250 Frame	Rs. 1500/- net

ABB INDIA LIMITED
CORPORATE OFFICE
21st Floor, World Trade Center, Brigade Gateway,
No.26/1, Dr. Rajkumar Road, Malleshwaram West,
Bengaluru-560055



FRSM - 66 Effective from 21.05.2024
(Superseding FRSM - 65 dated 01.05.2022)

PRICE LIST

IE2

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE2)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature continuous and **300 Deg.C for 2 Hrs.**, Altitude less than 1000M above MSL.

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	25500
0.55	0.75	S2BAX71MB2 IE2	27800
0.75	1.00	S2BAX80MA2 IE2	28400
1.10	1.50	S2BAX80MB2 IE2	31400
1.50	2.00	S2BAX90SA2 IE2	38500
2.20	3.00	S2BAX90LA2 IE2	47900
3.70	5.00	S2BAX100LC2 IE2	63300
5.50	7.50	S2BAX132SA2 IE2	95200
7.50	10.00	S2BAX132SB2 IE2	99300
9.30	12.50	S2BAX160MLJ2 IE2	171500
11.00	15.00	S2BAX160MLA2 IE2	182100
15.00	20.00	S2BAX160MLB2 IE2	209900
18.50	25.00	S2BAX160MLC2 IE2	260200
22.00	30.00	S2BAX180MLA2 IE2	282100
30.00	40.00	S2BAX200MLA2 IE2	437500
37.00	50.00	S2BAX200MLB2 IE2	508500
45.00	60.00	S2BAX225SMA2 IE2	655100
55.00	75.00	S2BAX250SMA2 IE2	903400

FOUR POLE		1500 RPM	
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MB4 IE2	26700
0.55	0.75	S2BAX80MA4 IE2	29600
0.75	1.00	S2BAX80MB4 IE2	31900
1.10	1.50	S2BAX90SA4 IE2	36700
1.50	2.00	S2BAX90LA4 IE2	42600
2.20	3.00	S2BAX100LA4 IE2	54400
3.70	5.00	S2BAX112MA4 IE2	68600
5.50	7.50	S2BAX132SA4 IE2	89900
7.50	10.00	S2BAX132MA4 IE2	104100
9.30	12.50	S2BAX160MLJ4 IE2	169700
11.00	15.00	S2BAX160MLA4 IE2	175000
15.00	20.00	S2BAX160MLB4 IE2	206900
18.50	25.00	S2BAX180MLA4 IE2	277900
22.00	30.00	S2BAX180MLB4 IE2	297500
30.00	40.00	S2BAX200MLA4 IE2	424000
37.00	50.00	S2BAX225SMA4 IE2	519100
45.00	60.00	S2BAX225SMB4 IE2	613700
55.00	75.00	S2BAX250SMA4 IE2	840200

SIX POLE		1000 RPM	
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX80MA6 IE2	31400
0.55	0.75	S2BAX80MB6 IE2	32600
0.75	1.00	S2BAX90SA6 IE2	39000
1.10	1.50	S2BAX90LA6 IE2	43800
1.50	2.00	S2BAX100LA6 IE2	54400
2.20	3.00	S2BAX112MA6 IE2	65000
3.70	5.00	S2BAX132SB6 IE2	98100
5.50	7.50	S2BAX132MB6 IE2	110600
7.50	10.00	S2BAX160MLA6 IE2	172600
9.30	12.50	S2BAX160MLJ6 IE2	201000
11.00	15.00	S2BAX160MLB6 IE2	214000
15.00	20.00	S2BAX180MLA6 IE2	286200
18.50	25.00	S2BAX200MLA6 IE2	390200
22.00	30.00	S2BAX200MLB6 IE2	412200
30.00	40.00	S2BAX225SMA6 IE2	613200
37.00	50.00	S2BAX250SMA6 IE2	841400

Type	Three phase squirrel cage induction motor
Enclosure	Totally enclosed fan cooled
Voltage +/- variation	415+/- 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	Can be provided as 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)

*Terminal Box Charges

71 - 132 Frame	Rs. 500/- net
160 - 200 Frame	Rs. 1000/- net
225 - 250 Frame	Rs. 1500/- net

ABB INDIA LIMITED
CORPORATE OFFICE
21st Floor, World Trade Center, Brigade Gateway,
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Bengaluru-560055



FRSM - 66 Effective from 21.05.2024
(Superseding FRSM - 65 dated 01.05.2022)

PRICE LIST

IE3

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE3)
(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature continuous and **250 Deg.C for 2 Hrs.**, Altitude less than 1000M above MSL.
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	27800
0.55	0.75	S3BAX71MB2 IE3	30700
0.75	1.00	S3BAX80MC2 IE3	33100
1.10	1.50	S3BAX80MD2 IE3	41400
1.50	2.00	S3BAX90SB2 IE3	42000
2.20	3.00	S3BAX90SLA2 IE3	52700
3.70	5.00	S3BAX100LKB2 IE3	80400
5.50	7.50	S3BAX132SMA2 IE3	106400
7.50	10.00	S3BAX132SMB2 IE3	115300
9.30	12.50	S3BAX160MLJ2 IE3	190400
11.00	15.00	S3BAX160MLA2 IE3	201000
15.00	20.00	S3BAX160MLB2 IE3	231200
18.50	25.00	S3BAX160MLC2 IE3	289700
22.00	30.00	S3BAX180MLA2 IE3	312200
30.00	40.00	S3BAX200MLA2 IE3	461200
37.00	50.00	S3BAX200MLB2 IE3	562900
45.00	60.00	S3BAX225SMA2 IE3	724900
55.00	75.00	S3BAX250SMA2 IE3	977900

FOUR POLE			1500 RPM
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC4 IE3	29000
0.55	0.75	S3BAX80MC4 IE3	34300
0.75	1.00	S3BAX80MLA4 IE3	34900
1.10	1.50	S3BAX90SB4 IE3	40900
1.50	2.00	S3BAX90SLA4 IE3	46800
2.20	3.00	S3BAX100LB4 IE3	57400
3.70	5.00	S3BAX112MLA4 IE3	75700
5.50	7.50	S3BAX132SMA4 IE3	100500
7.50	10.00	S3BAX132MLA4 IE3	115300
9.30	12.50	S3BAX160MLJ4 IE3	202900
11.00	15.00	S3BAX160MLA4 IE3	205200
15.00	20.00	S3BAX160MLB4 IE3	241200
18.50	25.00	S3BAX180MLA4 IE3	314500
22.00	30.00	S3BAX180MLB4 IE3	328200
30.00	40.00	S3BAX200MLA4 IE3	443400
37.00	50.00	S3BAX225SMA4 IE3	574700
45.00	60.00	S3BAX225SMB4 IE3	678800
55.00	75.00	S3BAX250SMA4 IE3	912900

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX80MC6 IE3	34900
0.55	0.75	S3BAX80MLA6 IE3	35500
0.75	1.00	S3BAX90SLA6 IE3	40900
1.10	1.50	S3BAX90LB6 IE3	54400
1.50	2.00	S3BAX100LKA6 IE3	63300
2.20	3.00	S3BAX112MLA6 IE3	69800
3.70	5.00	S3BAX132SMB6 IE3	108300
5.50	7.50	S3BAX132MLA6 IE3	124200
7.50	10.00	S3BAX160MLA6 IE3	189800
9.30	12.50	S3BAX160MLJ6 IE3	241200
11.00	15.00	S3BAX160MLB6 IE3	254200
15.00	20.00	S3BAX180MLA6 IE3	302200
18.50	25.00	S3BAX200MLA6 IE3	419800
22.00	30.00	S3BAX200MLB6 IE3	435200
30.00	40.00	S3BAX225SMA6 IE3	655100
37.00	50.00	S3BAX250SMA6 IE3	921200

Type	Three phase squirrel cage induction motor
Enclosure	Totally enclosed fan cooled
Voltage +/- variation	415+/- 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	Can be provided as 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)

*Terminal Box Charges

71-132 Frame	Rs. 500/- net
160-200 Frame	Rs. 1000/- net
225 - 250 Frame	Rs. 1500/- net

ABB INDIA LIMITED
CORPORATE OFFICE
21st Floor, World Trade Center, Brigade Gateway,
No.26/1, Dr. Rajkumar Road, Malleshwaram West,
Bengaluru-560055



FRSM - 66 Effective from 21.05.2024
(Superseding FRSM - 65 dated 01.05.2022)

PRICE LIST

IE3

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE3)
(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'H' insulation for 50 Deg. C ambient temperature continuous and **300 Deg.C for 2 Hrs.**, Altitude less than 1000M above MSL.
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	29000
0.55	0.75	S3BAX71MB2 IE3	32600
0.75	1.00	S3BAX80MC2 IE3	34300
1.10	1.50	S3BAX80MD2 IE3	42600
1.50	2.00	S3BAX90SB2 IE3	43800
2.20	3.00	S3BAX90SLA2 IE3	55000
3.70	5.00	S3BAX100LKB2 IE3	84000
5.50	7.50	S3BAX132SMA2 IE3	110600
7.50	10.00	S3BAX132SMB2 IE3	120100
9.30	12.50	S3BAX160MLJ2 IE3	197500
11.00	15.00	S3BAX160MLA2 IE3	208800
15.00	20.00	S3BAX160MLB2 IE3	240700
18.50	25.00	S3BAX160MLC2 IE3	301000
22.00	30.00	S3BAX180MLA2 IE3	324700
30.00	40.00	S3BAX200MLA2 IE3	478900
37.00	50.00	S3BAX200MLB2 IE3	586000
45.00	60.00	S3BAX225SMA2 IE3	753300
55.00	75.00	S3BAX250SMA2 IE3	1017600

FOUR POLE			1500 RPM
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC4 IE3	30200
0.55	0.75	S3BAX80MC4 IE3	35500
0.75	1.00	S3BAX80MLA4 IE3	36100
1.10	1.50	S3BAX90SB4 IE3	42600
1.50	2.00	S3BAX90SLA4 IE3	48500
2.20	3.00	S3BAX100LB4 IE3	58600
3.70	5.00	S3BAX112MLA4 IE3	78700
5.50	7.50	S3BAX132SMA4 IE3	103500
7.50	10.00	S3BAX132MLA4 IE3	120100
9.30	12.50	S3BAX160MLJ4 IE3	210500
11.00	15.00	S3BAX160MLA4 IE3	212900
15.00	20.00	S3BAX160MLB4 IE3	250700
18.50	25.00	S3BAX180MLA4 IE3	327000
22.00	30.00	S3BAX180MLB4 IE3	341200
30.00	40.00	S3BAX200MLA4 IE3	460600
37.00	50.00	S3BAX225SMA4 IE3	597200
45.00	60.00	S3BAX225SMB4 IE3	706000
55.00	75.00	S3BAX250SMA4 IE3	949500

SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX80MC6 IE3	36100
0.55	0.75	S3BAX80MLA6 IE3	37300
0.75	1.00	S3BAX90SLA6 IE3	43200
1.10	1.50	S3BAX90LB6 IE3	56800
1.50	2.00	S3BAX100LKA6 IE3	65700
2.20	3.00	S3BAX112MLA6 IE3	72100
3.70	5.00	S3BAX132SMB6 IE3	112300
5.50	7.50	S3BAX132MLA6 IE3	128900
7.50	10.00	S3BAX160MLA6 IE3	197500
9.30	12.50	S3BAX160MLJ6 IE3	251300
11.00	15.00	S3BAX160MLB6 IE3	264300
15.00	20.00	S3BAX180MLA6 IE3	314000
18.50	25.00	S3BAX200MLA6 IE3	436300
22.00	30.00	S3BAX200MLB6 IE3	452400
30.00	40.00	S3BAX225SMA6 IE3	681100
37.00	50.00	S3BAX250SMA6 IE3	957800

Type	Three phase squirrel cage induction motor
Enclosure	Totally enclosed fan cooled
Voltage +/- variation	415+/- 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	Can be provided as 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)

*Terminal Box Charges

71 - 132 Frame	Rs. 500/- net
160 - 200 Frame	Rs. 1000/- net
225 - 250 Frame	Rs. 1500/- net

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Bengaluru-560055



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2 efficiency at S1 duty)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, suitable for intermittent duty(S4) for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018. Motors suitable to operate on VFD supply.

FOUR POLE				1500 RPM	
S1 duty KW		S4 duty KW(40% CDF, 150 Start stop per hour)		Frame size	Price (Rs)
KW	H.P	KW	H.P		
0.37	0.50	0.40	0.54	KM2BAX71MB4	21500
0.40	0.55	0.55	0.75	KM2BAX71MC4	22800
0.55	0.75	0.75	1.00	KM2BAX80MA4	25800
0.75	1.00	1.10	1.50	KM2BAX80MB4	28700
1.10	1.50	1.50	2.00	KM2BAX90SA4	34500
1.50	2.00	2.20	3.00	KM2BAX90LA4	38600
2.20	3.00	3.70	5.00	KM2BAX100LA4	46000
3.70	5.00	5.50	7.50	KM2BAX112MLA4	69600
5.50	7.50	7.50	10.00	KM2BAX132SA4	84600
7.50	10.00	9.30	12.50	KM2BAX132MA4	99500
9.30	12.50	11.00	15.00	KM2BAX160MLJ4	152500
11.00	15.00	15.00	20.00	KM2BAX160MLA4	161500
15.00	20.00	18.50	25.00	KM2BAX160MLB4	191200
18.50	25.00	22.00	30.00	KM2BAX180MLA4	231800
22.00	30.00	24.00	32.20	KM2BAX180MLB4	273200
30.00	40.00	33.00	44.20	KM2BAX200MLA4	372200
37.00	50.00	41.00	55.00	KM2BAX225SMA4	421000
45.00	60.00	50.00	67.00	KM2BAX225SMB4	506000
55.00	75.00	61.00	81.80	KM2BAX250SMA4	695300

SIX POLE				1000 RPM	
S1 duty KW		S4 duty KW(40% CDF, 150 Start stop per hour)		Frame size	Price (Rs)
KW	H.P	KW	H.P		
0.25	0.34	0.37	0.50	KM2BAX71MC6	22300
0.37	0.50	0.55	0.75	KM2BAX80MA6	25500
0.55	0.75	0.75	1.00	KM2BAX80MB6	28700
0.75	1.00	1.10	1.50	KM2BAX90SA6	33800
1.10	1.50	1.50	2.00	KM2BAX90LA6	39700
1.50	2.00	2.20	3.00	KM2BAX100LA6	49800
2.20	3.00	3.70	5.00	KM2BAX112MLA6	65800
3.70	5.00	4.00	5.40	KM2BAX132SB6	89400
5.50	7.50	7.50	10.00	KM2BAX132MB6	102400
7.50	10.00	9.30	12.50	KM2BAX160MLA6	173700
9.30	12.50	11.00	15.00	KM2BAX160MLJ6	191200
11.00	15.00	13.00	17.50	KM2BAX160MLB6	214700
15.00	20.00	18.50	25.00	KM2BAX180MLA6	268200
18.50	25.00	22.00	30.00	KM2BAX200MLA6	315800
22.00	30.00	24.00	32.20	KM2BAX200MLB6	381500
30.00	40.00	33.00	44.20	KM2BAX225SMA6	506000
37.00	50.00	40.00	53.60	KM2BAX250SMA6	676700



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)
(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

EIGHT POLE				750 RPM	
S1 duty KW		S4 duty KW(40% CDF, 150 Start stop per hour)		Frame size	Price (Rs)
kW	H.P	kW	H.P		
0.12	0.16	0.12	0.16	KM2BAX71MB8	23200
0.18	0.25	0.18	0.25	KM2BAX80MA8	26900
0.25	0.34	0.25	0.34	KM2BAX80MB8	28700
0.37	0.50	0.46	0.62	KM2BAX90SA8	37400
0.55	0.75	0.70	0.94	KM2BAX90LA8	39200
0.75	1.00	1.10	1.50	KM2BAX100LA8	45600
1.10	1.50	1.50	2.00	KM2BAX100LB8	54300
1.50	2.00	1.60	2.20	KM2BAX112MLA8	63700
2.20	3.00	2.50	3.40	KM2BAX132SA8	97400
3.70	5.00	5.00	6.70	KM2BAX160MLA8	145000
5.50	7.50	7.50	10.00	KM2BAX160MLB8	170700
7.50	10.00	8.50	11.40	KM2BAX160MLC8	210700
9.30	12.50	10.60	14.10	KM2BAX180MLA8	261300
11.00	15.00	11.80	15.90	KM2BAX180MLB8	296600
15.00	20.00	16.00	21.50	KM2BAX200MLA8	379800
18.50	25.00	20.50	27.30	KM2BAX225SMA8	472200
22.00	30.00	24.00	32.20	KM2BAX225SMB8	572300
30.00	40.00	32.00	42.90	KM2BAX250SMA8	682900

*For higher KW, please refer nearest sales office.



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2 efficiency at S1 duty)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, suitable for intermittent duty(S4)

for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018. Motors suitable to operate on DOL supply.

FOUR POLE				1500 RPM	
S1 duty KW		S4 duty KW(40% CDF, 150 Start stop per hour)		Frame size	Price (Rs)
kW	H.P	kW	H.P		
0.37	0.50	0.37	0.50	KM2BAX71MB4	21000
0.40	0.55	0.55	0.75	KM2BAX71MC4	22100
0.55	0.75	0.75	1.00	KM2BAX80MA4	25000
0.75	1.00	1.10	1.50	KM2BAX80MB4	28000
1.10	1.50	1.50	2.00	KM2BAX90SA4	33500
1.50	2.00	2.20	3.00	KM2BAX90LA4	38600
2.20	3.00	3.70	5.00	KM2BAX100LB4	51600
3.70	5.00	5.50	7.50	KM2BAX112MLA4	69600
5.50	7.50	7.50	10.00	KM2BAX132MA4	97000
7.50	10.00	9.30	12.50	KM2BAX132SME4	103700
11.00	15.00	12.50	16.70	KM2BAX160MLA4	165200
15.00	20.00	16.50	22.00	KM2BAX160MLB4	182500
16.00	21.30	18.50	25.00	KM2BAX160MLC4	191200
18.50	25.00	22.00	30.00	KM2BAX180MLA4	243400
30.00	40.00	30.00	40.00	KM2BAX200MLA4	360100

SIX POLE				1000 RPM	
S1 duty KW		S4 duty KW(40% CDF, 150 Start stop per hour)		Frame size	Price (Rs)
kW	H.P	kW	H.P		
0.12	0.16	0.18	0.25	KM2BAX71MA6	17500
0.18	0.25	0.25	0.34	KM2BAX71MB6	19400
0.25	0.34	0.37	0.50	KM2BAX71MC6	21600
0.37	0.50	0.55	0.75	KM2BAX80MC6	24000
0.55	0.75	0.75	1.00	KM2BAX80MB6	28000
0.75	1.00	1.10	1.50	KM2BAX90LA6	38600
1.10	1.50	1.50	2.00	KM2BAX90LB6	44900
1.50	2.00	2.20	3.00	KM2BAX100LA6	48500
2.20	3.00	3.70	5.00	KM2BAX112MLA6	64000
3.70	5.00	5.50	7.50	KM2BAX132SB6	87000
5.50	7.50	7.50	10.00	KM2BAX132MLA6	131400
7.50	10.00	9.30	12.50	KM2BAX160MLA6	169100
9.30	12.50	11.50	15.30	KM2BAX160MLJ6	203600
11.00	15.00	13.50	18.00	KM2BAX160MLB6	221600
15.00	20.00	18.50	25.00	KM2BAX180MLA6	260800
22.00	30.00	23.50	31.30	KM2BAX200MLB6	371400



Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2 efficiency at S1 duty)

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, suitable for intermittent duty(S4) for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018. Motors suitable to operate on DOL supply.

EIGHT POLE				750 RPM	
S1 duty KW		S4 duty KW(40% CDF, 150 Start stop per hour)		Frame size	Price (Rs)
kW	H.P	kW	H.P		
0.09	0.12	0.09	0.12	KM2BAX71MA8	21300
0.12	0.16	0.12	0.16	KM2BAX71MB8	22500
0.18	0.25	0.18	0.25	KM2BAX80MA8	26000
0.25	0.34	0.25	0.34	KM2BAX80MB8	28000
0.37	0.50	0.37	0.50	KM2BAX90SA8	36100
0.37	0.50	0.55	0.75	KM2BAX90SB8	36700
0.55	0.75	0.75	1.00	KM2BAX90LA8	38600
0.75	1.00	1.10	1.50	KM2BAX100LB8	52800
1.10	1.50	1.50	2.00	KM2BAX100LKA8	53200
1.50	2.00	2.20	3.00	KM2BAX112MLA8	67400
2.20	3.00	3.70	5.00	KM2BAX132SMA8	111800
3.70	5.00	6.00	8.00	KM2BAX160MLA8	141100
5.50	7.50	7.50	10.00	KM2BAX160MLB8	178900
7.50	10.00	9.30	12.50	KM2BAX160MLC8	204900
9.30	12.50	12.00	16.00	KM2BAX180MLA8	261300
15.00	20.00	15.00	20.00	KM2BAX200MLA8	362600

Aluminum
Series**Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE2)**

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

TWO POLE			3000 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2AAX71MA2	19200
0.55	0.75	M2AAX71MB2	21100
0.75	1.00	M2AAX80MA2	23100
1.10	1.50	M2AAX80MB2	26000
1.50	2.00	M2AAX90SA2	31900
2.20	3.00	M2AAX90LA2	37800
FOUR POLE			1500 RPM
KW	H.P	Frame size	Price (Rs)
0.25	0.33	M2AAX71MA4	18200
0.37	0.50	M2AAX71MB4	20700
0.55	0.75	M2AAX80MA4	25300
0.75	1.00	M2AAX80MB4	26700
1.10	1.50	M2AAX90SA4	32500
1.50	2.00	M2AAX90LA4	37300
SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.18	0.25	M2AAX71MA6	20400
0.25	0.33	M2AAX71MB6	22550
0.37	0.50	M2AAX80MA6	25500
0.55	0.75	M2AAX80MB6	26700
0.75	1.00	M2AAX90SA6	33800
1.10	1.50	M2AAX90LA6	37300

Aluminum
Series**Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Induction Motors (IE3)**

(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and confirming to IEC:60034-1 & IS 12615:2018.

TWO POLE			3000 RPM
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2AAX71MC2	22900
0.55	0.75	M2AAX71MB2	25900
0.75	1.00	M2AAX80MC2	27100
1.10	1.50	M2AAX80MD2	32800
1.50	2.00	M2AAX90SB2	36100
2.20	3.00	M2AAX90LB2	43300
FOUR POLE			1500 RPM
KW	H.P	Frame size	Price (Rs)
0.25	0.33	M2AAX71MD4	22000
0.37	0.50	M2AAX71MC4	24700
0.55	0.75	M2AAX80MC4	29500
0.75	1.00	M2AAX80MD4	31900
1.10	1.50	M2AAX90SB4	35500
1.50	2.00	M2AAX90LB4	41000
SIX POLE			1000 RPM
KW	H.P	Frame size	Price (Rs)
0.18	0.25	M2AAX71MC6	23650
0.25	0.33	M2AAX71MD6	26300
0.37	0.50	M2AAX80MC6	29500
0.55	0.75	M2AAX80MD6	31900
0.75	1.00	M2AAX90SB6	37300
1.10	1.50	M2AAX90LB6	45800



Additional charges for specific requirements
Frame 71-355 of TEFC

SI no	Description for extra features	Add-ons
1.0	Shaft	
1.1	Non standard single/ double shaft extension, diameter of shaft being same or less as standard. kindly refer nearest sales office for following: a) Dia more than standard b) Length more than twice of the standard	7.5 % of LP
1.2	Shaft material - EN24	10% of LP
1.3	Brake Arrangement with EN24 Shaft	20% of LP
1.4	Encoder Mounting Arrangement	7.5% of LP
1.5	Vibration Sensor Mounting Arrangement for 280 frame and above	7.5% of LP
1.6	Shaft material - SS316	20% of LP
1.7	SPM Nipples	3% subject to max of Rs. 7500/- Net
2.0	Mounting Standard flange or face mounting (B14, B5, V1, V18 & V19) or foot cum flange/ face mounting(B35, B34, V14, V36) (Face mounting/C-type flange available only up to 132-frame)	
2.1	Upto frame 160	3% of LP
2.2	Frame 180 and above	5% of LP
3.0	Non standard paint shade as per IS 5	
3.1	Epoxy	
3.11	Epoxy 631/632	3% of LP
3.12	Paint shade other than munshell blue and 631/632 shade	5% of LP
3.2	Non-Epoxy	
3.21	Paint shade other than munshell blue	5% subject to max of RS 9000/- Net
3.3	Paint Thickness Rust Coat Primer + PU paint is 70 microns For Additional Thickness upto 150 micros For thickness > 150 upto 215microns	7% of LP 10% of LP
4.0	Epoxy gel coat on winding overhang	3% of LP
5.0	Insulation class "H"	12.5% on LP
6.0	Vaccum pressure impregnation	5% on LP
7.0	Stainless steel hardware Frame 71-200 Frame 225-250 Frame 280-355 SS Name Plate	Rs 1000/-Net Rs 2000/-Net Rs 4000/-Net Rs 300/-Net
8.0	Non standard nominal voltage 220-690V (DOL) or 220-480V (VFD) with frequency 50 HZ and 60 HZ Kindly refer nearest sales office for following: 500-690V (VFD) *For 60Hz motors(71-250 frame), please refer nearest sales office	5% of LP
9.0	Multi speed motors Dual speed motor upto 8 pole (to be taken on higher frame) Tapped winding is indicated by speed ratio 1:2(e.g 4/8, 2/4) Two winding e.g. 4/6, 6/8	12.5% on LP for Tapped wdg 20% on LP for Two wdg.



10.0	Crane duty motor (SCR)	10% on LP (For 280 frame and above)
11.0	Flying leads (Up to 1.5meter & 6 Leads), W/O Terminal box.	7.5% on LP
12.0	Enclosure/ Types	
12.1	Lint Free Fan Cover	5% on LP
12.2	Non sparking Type Ex'ec' motors	10% on LP
12.3	IP56	5% on LP
12.4	IP65	7.5% on LP
12.5	IP66	10% on LP
	(Certification charges extra for 280 frame and above, pls refer nearest sales office for the same)	
13.0	Space Heaters	
13.1	Frame 71 - 132	Rs 1000/-Net
13.2	Frame 160 - 250	Rs 3000/-Net
13.3	Frame 280-355	Rs 3500/-Net
14.0	PTC Thermistors (without relays)	
14.1	3 no's	Rs.2500/-Net
14.2	6 no's	Rs 4800/-Net
15.0	RTD (Frame 160-355)	
15.1	3 no's simplex	Rs 6500/-Net
15.2	6 no's simplex	Rs 10500/-Net
15.3	3 no's duplex	Rs 8000/-Net
15.4	6 no's duplex	Rs 14000/-Net
16.0	BTD (Frame 225-355)	
16.1	2 no's simplex	Rs 8500/-Net
16.2	2 no's duplex	Rs 10500/-Net
17.0	Cast Iron Fan	
17.1	Frame 100-132	Rs 800/-Net
17.2	Frame 160-225	Rs 1200/-Net
17.3	Frame 250-280	Rs 2250/-Net
17.4	Frame 315-355	Rs 5000/-Net
18.0	Double Compression cable gland	
18.1	Frame 71-132	Rs 800/-Net
18.2	Frame 160-250	Rs 2000/-Net
18.3	Frame 280-355	Rs 3500/-Net
19.0	Forced cooling arrangement	
19.1	Frame 132 -180	Rs 15000/-Net
19.2	Frame 200- 225	Rs 20000/-Net
19.3	Frame 250-280	Rs 25000/-Net
19.4	Frame 315	Rs 31000/-Net
19.5	Frame 355	Rs 35000/-Net
20.0	Roller Bearing	
20.1	Frame 100- 132	Rs 1500/-Net
20.2	Frame 160- 200	Rs 3000/-Net
20.3	Frame 225- 250	Rs 4500/-Net
20.4	Frame 280-315	Rs 8000/-Net
20.5	Frame 355	Rs 10500/-Net



21.0	Insulated/Hybrid Bearing at N-end Frame 160- 200 (Hybrid) Frame 225-250 (Hybrid) Frame 280-315 (Insulated) Frame 355 (insulated)	Rs 21000/-Net Rs 27000/-Net Rs 31000/-Net Rs 38000/-Net
22.0	Regreasing Facility (Frame 100-250)	5% of LP
23.0	Cast Iron terminal box (Frame 71 - 355)	5% of LP
24.0	One size higher terminal box (Frame 160 - 355)	5% of LP
25.0	NTPC type terminal box (Frame 100 - 355)	5% of LP
26.0	Testing	
26.1	Routine Test per motor Frame 71-132 Frame 160-225 Frame 250-355 Frame 400-450	Rs 2000/-Net Rs 3500/-Net Rs 6000/-Net Rs 10000/-Net
26.2	Type test per rating on one motor Frame 71-132 Frame 160-225 Frame 250-280 Frame 315-355 Frame 400-450	Rs 6000/-Net Rs 8000/-Net Rs 10000/-Net Rs 17000/-Net Rs 30000/-Net
26.3	Combined type testing with VFD(Safe area and in ABB premises) per rating on one motor # Frame 160-225 Frame 250-280 Frame 315-355 Frame 400-450	Rs 25000/-Net Rs 50000/-Net Rs 90000/-Net Rs 125000/-Net
26.4	Combined type testing with VFD(Ex'ec' motors in ABB premises) per rating on one motor, with ERTL/KLPL and PESO certification ## Frame 71-250 Frame 280-355	Rs 220000/-Net Rs 240000/-Net

Terms & Conditions

1. Taxes & Duties: The list price is exclusive of GST and Duties.

2. Delivery: Prices are Ex works/Ex- Godown basis

3. Conditions of Sale: The price list is subject to our Standard 'General Terms and Conditions' of Tender and sale and the prices are subject to revision without prior notice.

4. General:

a) Due to improvement being made from time to time, Frame sizes indicated above are provisional and subject to change without notice.

b) For more details, please contact us.

For combined testing below will be applicable :

1. VFD, Power analyzer and trained operator to be arranged by customer at ABB respective factory.

2. Only ABB declaration of confirmity will be issued.



FRSM - 66 Effective from 21.05.2024
(Superseding FRSM - 65 dated 01.05.2022)

Additional charges for specific requirements

Frame 80-250 of TEFC, Ex db IIB T4 Gb, Insulation class F, temperature rise class B, Amb. 45 deg,

SI no	Description for extra features	Add-ons
1.0	Shaft	
1.1	Non standard single/ double shaft extension, diameter of shaft being same or less as standard. kindly refer nearest sales office for following: a) Dia more than standard b) Length more than twice of the standard	7.5 % of LP Not applicable for FLP Refer nearest sales office
1.2	Shaft material - EN24	10% of LP
1.3	Brake Arrangement with EN24 Shaft	Not applicable for FLP
1.4	Encoder Mounting Arrangement	Not applicable for FLP
1.5	Vibration Sensor Mounting Arrangement for 280 frame and above	Not applicable for FLP
1.6	Shaft material - SS316	20% of LP
1.7	SPM Nipples	3% subject to max of Rs. 7500/- Net
2.0	Mounting Standard flange or face mounting (B14, B5, V1, V18 & V19) or foot cum flange/ face mounting(B35, B34, V14, V36) (Face mounting/C-type flange available only up to 132-frame)	
2.1	Upto frame 160	3% of LP
2.2	Frame 180 and above	5% of LP
3.0	Non standard paint shade as per IS 5	
3.1	Epoxy	
3.11	Epoxy 631/632	3% of LP
3.12	Paint shade other than munshell blue and 631/632 shade	5% of LP
3.2	Non-Epoxy	
3.21	Paint shade other than munshell blue	5% subject to max of RS 6500/- Net
3.3	Paint Thickness Rust Coat Primer + PU paint is 70 microns For Additional Thickness upto 150 micros For thickness > 150 upto 215microns	7% of LP 10% of LP
3.4	Painting as per C4 Scheme	10% of LP
3.5	Painting as per C5 Scheme	Refer nearest sales office
4.0	Epoxy gel coat on winding overhang	3% of LP
5.0	Insulation class "H"	12.5% on LP
6.0	Vaccum pressure impregnation	5% on LP
7.0	Stainless steel hardware Frame 80-200 Frame 225-250 SS Name Plate	Rs 1000/-Net Rs 2000/-Net By default
8.0	Non standard nominal voltage 190V-690V (DOL) or 190-480V (VFD) with frequency 50 HZ and 60 HZ Kindly refer nearest sales office for following: *500-690V (VFD) *For 60Hz motors(80-250 frame).	5% of LP
9.0	Multi speed motors Dual speed motor upto 8 pole (to be taken on higher frame) Tapped winding is indicated by speed ratio 1:2(e.g 4/8, 2/4) Two winding e.g. 4/6, 6/8	Not applicable for FLP Not applicable for FLP



10.0	Crane duty motor (SCR)	Not applicable for FLP
11.0	Flying leads (Up to 1.5meter & 6 Leads), W/O Terminal box.	Not applicable for FLP
12.0	Enclosure/ Types	
12.1	Roof canopy for vertically mounted motors	5% on LP
12.2	For Gas Goup IIC motors	Refer nearest sales office
12.3	IP56 (Name plate marking will be IP66)	5% on LP
12.4	IP65 (Name plate marking will be IP66)	7.5% on LP
12.5	IP66	10% on LP
	(For individual frame specific third party IP certification, pls refer nearest sales office.)	
13.0	Space Heaters* (In main terminal box)	
13.1	Frame 80 - 132	Rs 10000/-Net
13.2	Frame 160 - 250	Rs 12000/-Net
14.0	PTC Thermistors (without relays)* (In main terminal box)	
14.1	3 no's	Rs.7000/-Net
14.2	6 no's	Rs 10500/-Net
15.0	RTD*	
15.1	Pt100 2-wire in stator winding, 1 per phase (Frame 80-250) (In main terminal box)	Rs 9500/-Net
15.2	Pt100 2-wire in stator winding, 2 per phase (Frame 160-250) (In separate terminal box)	Rs 15500/-Net
15.3	Pt100 3-wire in stator winding, 1 per phase (Frame 160-250)(In separate terminal box)	Rs 13500/-Net
15.4	Pt100 3-wire in stator winding, 2 per phase (Frame 160-250) (In separate terminal box)	Rs 17500/-Net
16.0	BTD* (In main terminal box)	
16.1	Pt100 2-wire in bearings: 132-250	Refer nearest sales office
16.2	Pt100 3-wire in bearings: 132-250	Refer nearest sales office
17.0	Cast Iron Fan	
17.1	Frame 80-132	Rs 800/-Net
17.2	Frame 160-225	Rs 1200/-Net
17.3	Frame 250	Rs 2250/-Net
18.0	Double Compression cable gland	
18.1	Frame 80-90 (M25)	Rs 3000/-Net per piece
18.2	Frame 100-132 (M32)	Rs 4000/-Net per piece
18.3	Frame 160-180 (M40)	Rs 5500/-Net per piece
18.4	Frame 200-250 (M50)	Rs 9000/-Net per piece
19.0	Forced cooling arrangement	
19.1	Frame 132 -180	Not applicable for FLP
19.2	Frame 200- 225	Not applicable for FLP
19.3	Frame 250	Not applicable for FLP
20.0	Roller Bearing	
20.1	Frame 80- 132	Cannot be offered
20.2	Frame 160- 200	Rs 5000/-Net
20.3	Frame 225- 250	Rs 7000/-Net



21.0	Insulated/Hybrid Bearing at N-end Frame 160- 200 (Hybrid) Frame 225-250 (Hybrid)	Refer nearest sales office Refer nearest sales office
22.0	Regreasing Facility (Frame 132-250)	5% of LP
23.0	Cast Iron terminal box (Frame 80 - 250)	By default
24.0	One size higher terminal box	Cannot be offered
25.0	Side terminal box (160-180) RHS or LHS	Refer nearest sales office
26.0	Separate terminal box for accessories (132 - 250)	Rs. 5500/- Net
27.0	NTPC type terminal box	Cannot be offered
28.0	Testing	
28.1	Routine Test per motor Frame 80-132 Frame 160-200 Frame 225-250	Rs 3000/-Net per motor Rs 4500/-Net per motor Rs 7000/-Net per motor
28.2	Type test per rating on one motor Frame 80-132 Frame 160-200 Frame 225-250	Rs 6000/-Net per motor Rs 8000/-Net per motor Rs 12000/-Net per motor
28.3	Combined type testing with VFD (In ABB premises) per rating on one motor, with ERTL/KLPL and PESO certification ## Frame 80-250	Rs 220,000/- per motor

Terms & Conditions

1. Taxes & Duties: The list price is exclusive of GST and Duties.

2. Delivery: Prices are Ex works/Ex- Godown basis

3. Conditions of Sale: The price list is subject to our Standard 'General Terms and Conditions' of Tender and sale and the prices are subject to revision without prior notice.

4. General:

a) Due to improvement being made from time to time, Frame sizes indicated above are provisional and subject to change without notice.

b) For more details, please contact us.

* For combination of two or more accessories, please refer nearest sales office.

For combined testing below will be applicable :

1. VFD, Power analyzer and trained operator to be arranged by customer at ABB respective factory.

2. Motor with VFD will be tested in presence of approved test house authority.

3. KLPL/ERTL and PESO certification will be implied.