



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			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MA2	17900
0.55	0.75	M2BAX71MB2	19600
0.75	1.00	M2BAX80MA2	21500
1.10	1.50	M2BAX80MB2	24200
1.50	2.00	M2BAX90SA2	29700
2.20	3.00	M2BAX90LA2	35200
3.70	5.00	M2BAX100LC2	46200
5.50	7.50	M2BAX132SA2	73700
7.50	10.00	M2BAX132SB2	77000
9.30	12.50	M2BAX160MLJ2	139700
11.00	15.00	M2BAX160MLA2	146600
15.00	20.00	M2BAX160MLB2	165700
18.50	25.00	M2BAX160MLC2	197800
22.00	30.00	M2BAX180MLA2	225500
30.00	40.00	M2BAX200MLA2	313200
37.00	50.00	M2BAX200MLB2	354900
45.00	60.00	M2BAX225SMA2	461800
55.00	75.00	M2BAX250SMA2	628300
75.00	100.00	M2BAX280SA2	941200
90.00	120.00	M2BAX280SMB2	1053000
110.00	150.00	M2BAX315SMA2	1298600
125.00	170.00	M2BAX315SB2	1510500
132.00	180.00	M2BAX315SMB2	1527500
160.00	215.00	M2BAX315SMC2	1689500
180.00	240.00	M2BAX315MA2	1829300
200.00	270.00	M2BAX315MLA2	1941400
225.00	300.00	M2BAX355SA2	2200000
250.00	335.00	M2BAX355SMA2	2364500
315.00	425.00	M2BAX355SMB2	2612500
355.00	475.00	M2BAX355SMC2	2938100
375.00	500.00	E2BA355MLD2	3360000



FRSM - 65 Effective from 01.05.2022
(Superseding FRSM - 64 dated 28.05.2021)

PRICE LIST

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.

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MB4	19300
0.55	0.75	M2BAX80MA4	23500
0.75	1.00	M2BAX80MB4	24800
1.10	1.50	M2BAX90SA4	30200
1.50	2.00	M2BAX90LA4	34700
2.20	3.00	M2BAX100LA4	41100
3.70	5.00	M2BAX112MA4	52800
5.50	7.50	M2BAX132SA4	71500
7.50	10.00	M2BAX132MA4	83400
9.30	12.50	M2BAX160MLJ4	134400
11.00	15.00	M2BAX160MLA4	138400
15.00	20.00	M2BAX160MLB4	161700
18.50	25.00	M2BAX180MLA4	215600
22.00	30.00	M2BAX180MLB4	231000
30.00	40.00	M2BAX200MLA4	319000
37.00	50.00	M2BAX225SMA4	372900
45.00	60.00	M2BAX225SMB4	448300
55.00	75.00	M2BAX250SMA4	576800
75.00	100.00	M2BAX280SA4	858100
90.00	120.00	M2BAX280SMB4	979000
110.00	150.00	M2BAX315SMA4	1169900
125.00	170.00	M2BAX315SB4	1374800
132.00	180.00	M2BAX315SMB4	1386000
160.00	215.00	M2BAX315SMC4	1569200
180.00	240.00	M2BAX315MA4	1704600
200.00	270.00	M2BAX315MLA4	1852700
225.00	300.00	M2BAX355SA4	2195200
250.00	335.00	M2BAX355SMA4	2283600
315.00	425.00	M2BAX355SMB4	2643300
355.00	475.00	M2BAX355SMC4	3270400
400.00	540.00	E2BA355MLB4h	3571700



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.

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX80MA6	23700
0.55	0.75	M2BAX80MB6	24800
0.75	1.00	M2BAX90SA6	31400
1.10	1.50	M2BAX90LA6	34700
1.50	2.00	M2BAX100LA6	42900
2.20	3.00	M2BAX112MA6	51000
3.70	5.00	M2BAX132SB6	78400
5.50	7.50	M2BAX132MB6	92400
7.50	10.00	M2BAX160MLA6	143000
9.30	12.50	M2BAX160MLJ6	172500
11.00	15.00	M2BAX160MLB6	181500
15.00	20.00	M2BAX180MLA6	231000
18.50	25.00	M2BAX200MLA6	285700
22.00	30.00	M2BAX200MLB6	308300
30.00	40.00	M2BAX225SMA6	436000
37.00	50.00	M2BAX250SMA6	572300
45.00	60.00	M2BAX280SA6	805700
55.00	75.00	M2BAX280SB6	942200
75.00	100.00	M2BAX315SMA6	1091800
90.00	120.00	M2BAX315SMB6	1317700
110.00	150.00	M2BAX315SMC6	1469600
125.00	170.00	M2BAX315MA6	1719500
132.00	180.00	M2BAX315MLA6	1728100
160.00	215.00	M2BAX355SMA6	1946000
200.00	270.00	M2BAX355SMB6	2294600
250.00	335.00	M2BAX355SMC6	2409000
275.00	370.00	E2BA355MLB6k	2986500
315.00	425.00	E2BA355MLB6	3623200
355*	475.00	E2BA355MLB6h	3677500

* The rating is suitable for Class F temperature rise 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			
KW	H.P	Frame size	Price (Rs)
0.09	0.12	M2BAX71MA8	20200
0.12	0.16	M2BAX71MB8	21300
0.18	0.25	M2BAX80MA8	24600
0.25	0.34	M2BAX80MB8	25200
0.37	0.50	M2BAX90SA8	32500
0.55	0.75	M2BAX90LA8	34700
0.75	1.00	M2BAX100LA8	43100
1.10	1.50	M2BAX100LB8	47600
1.50	2.00	M2BAX112MA8	54900
2.20	3.00	M2BAX132SA8	87900
3.70	5.00	M2BAX160MLA8	121500
5.50	7.50	M2BAX160MLB8	154000
7.50	10.00	M2BAX160MLC8	184800
9.30	12.50	M2BAX180MLA8	235800
11.00	15.00	M2BAX180MLB8	255400
15.00	20.00	M2BAX200MLA8	327000
18.50	25.00	M2BAX225SMA8	412500
22.00	30.00	M2BAX225SMB8	484000
30.00	40.00	M2BAX250SMA8	605000
37.00	50.00	M2BAX280SA8	866800
45.00	60.00	M2BAX280SB8	968000
55.00	75.00	M2BAX315SMA8	1224900
75.00	100.00	M2BAX315SMB8	1435500
90.00	120.00	M2BAX315SMC8	1562000
110.00	150.00	M2BAX315MLA8	1728100
132.00	180.00	M2BAX355SMA8	2095500
150.00	200.00	M2BAX355SB8	2230800
160.00	215.00	M2BAX355SMB8	2348000
180.00	240.00	M2BAX355SC8	2578400
200.00	270.00	M2BAX355SMC8	2716200
225.00	300.00	E2BA355MLB8h	3355000
250*	335.00	E2BA355MLB8k	3850000

* 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			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MC2	21300
0.55	0.75	M2BAX71MB2	24100
0.75	1.00	M2BAX80MC2	25200
1.10	1.50	M2BAX80MD2	30500
1.50	2.00	M2BAX90SB2	33600
2.20	3.00	M2BAX90SLA2	40300
3.70	5.00	M2BAX100LKB2	61600
5.50	7.50	M2BAX132SMA2	91300
7.50	10.00	M2BAX132SMB2	99000
9.30	12.50	M2BAX160MLJ2	154600
11.00	15.00	M2BAX160MLA2	165000
15.00	20.00	M2BAX160MLB2	188100
18.50	25.00	M2BAX160MLC2	231000
22.00	30.00	M2BAX180MLA2	245900
30.00	40.00	M2BAX200MLA2	364000
37.00	50.00	M2BAX200MLB2	425100
45.00	60.00	M2BAX225SMA2	556600
55.00	75.00	M2BAX250SMA2	693000
75.00	100.00	M2BAX280SMB2	1045000
90.00	120.00	M2BAX280SMC2	1165800
110.00	150.00	M2BAX315SMB2	1390000
125.00	170.00	M2BAX315SC2	1687400
132.00	180.00	M2BAX315SMC2	1703900
160.00	215.00	M2BAX315SMD2	1832800
180.00	240.00	M2BAX315MA2	2089900
200.00	270.00	M2BAX315MLA2	2124100
225.00	300.00	M2BAX355SA2	2464000
250.00	335.00	M2BAX355SMA2	2651000
315.00	425.00	M2BAX355SMB2	2832500
355.00	475.00	M2BAX355SMC2	3200400
375.00	500.00	E3BA355MLD2	3663500



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.

FOUR POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX71MLA4	23000
0.55	0.75	M2BAX80MC4	27400
0.75	1.00	M2BAX80MLA4	29700
1.10	1.50	M2BAX90SB4	33000
1.50	2.00	M2BAX90SLA4	38100
2.20	3.00	M2BAX100LB4	46500
3.70	5.00	M2BAX112MLA4	62700
5.50	7.50	M2BAX132SMA4	89000
7.50	10.00	M2BAX132MLA4	96300
9.30	12.50	M2BAX160MLJ4	163500
11.00	15.00	M2BAX160MLA4	164500
15.00	20.00	M2BAX160MLB4	200800
18.50	25.00	M2BAX180MLA4	247500
22.00	30.00	M2BAX180MLB4	260700
30.00	40.00	M2BAX200MLA4	360100
37.00	50.00	M2BAX225SMA4	453600
45.00	60.00	M2BAX225SMB4	526900
55.00	75.00	M2BAX250SMA4	681300
75.00	100.00	M2BAX280SMB4	925700
90.00	120.00	M2BAX280SMC4	1073600
110.00	150.00	M2BAX315SMB4	1252900
125.00	170.00	M2BAX315SC4	1444300
132.00	180.00	M2BAX315SMC4	1461900
160.00	215.00	M2BAX315SMD4	1702100
180.00	240.00	M2BAX315MB4	1939300
200.00	270.00	M2BAX315MLB4	2038000
225.00	300.00	M2BAX355SA4	2433800
250.00	335.00	M2BAX355SMA4	2524000
315.00	425.00	M2BAX355SMB4	2895200
355.00	475.00	M2BAX355SMC4	3336100
400.00	540.00	E3BA355MLB4h	3754600



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.

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX80MC6	27400
0.55	0.75	M2BAX80MLA6	29700
0.75	1.00	M2BAX90SLA6	34700
1.10	1.50	M2BAX90LB6	42600
1.50	2.00	M2BAX100LKA6	50600
2.20	3.00	M2BAX112MLA6	57700
3.70	5.00	M2BAX132SMB6	87500
5.50	7.50	M2BAX132MLA6	111100
7.50	10.00	M2BAX160MLA6	152900
9.30	12.50	M2BAX160MLJ6	183700
11.00	15.00	M2BAX160MLB6	196400
15.00	20.00	M2BAX180MLA6	255800
18.50	25.00	M2BAX200MLA6	331700
22.00	30.00	M2BAX200MLB6	356700
30.00	40.00	M2BAX225SMA6	513500
37.00	50.00	M2BAX250SMA6	651000
45.00	60.00	M2BAX280SMB6	896400
55.00	75.00	M2BAX280SMC6	1019500
75.00	100.00	M2BAX315SMB6	1197900
90.00	120.00	M2BAX315SMC6	1466100
110.00	150.00	M2BAX315SMD6	1616800
125.00	170.00	M2BAX315MB6	1893700
132.00	180.00	M2BAX315MLB6	1911800
160.00	215.00	M2BAX355SMA6	2138400
200.00	270.00	M2BAX355SMB6	2500200
250.00	335.00	M2BAX355SMC6	2683500
275.00	370.00	E3BA355MLB6k	3603000
315.00	425.00	E3BA355MLB6	3852200
355*	475.00	E3BA355MLB6h	3990000

* The rating is suitable for Class F temperature rise only



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

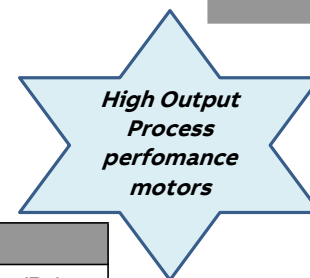
(Enclosure conforming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V+/-10%, 50Hz+/-5%, A.C. supply with class 'F' insulation for 50 Deg C ambient temperature and altitude less than 1000M above MSL and conforming to IEC:60034-1 & IS 12615:2018.

Eight POLE			
KW	H.P	Frame size	Price (Rs)
0.09	0.12	M2BAX71MA8	25200
0.12	0.16	M2BAX71MB8	25800
0.18	0.25	M2BAX80MA8	27400
0.25	0.34	M2BAX80MB8	29700
0.37	0.50	M2BAX90SA8	33000
0.55	0.75	M2BAX90LA8	40300
0.75	1.00	M2BAX100LKA8	49500
1.10	1.50	M2BAX100LKB8	56700
1.50	2.00	M2BAX112MLA8	63800
2.20	3.00	M2BAX132SMA8	99000
3.70	5.00	M2BAX160MLA8	141700
5.50	7.50	M2BAX160MLB8	167400
7.50	10.00	M2BAX160MLC8	205700
9.30	12.50	M2BAX180MLA8	266600
11.00	15.00	M2BAX180MLB8	282200
15.00	20.00	M2BAX200MLA8	381200
18.50	25.00	M2BAX225SMA8	482800
22.00	30.00	M2BAX225SMB8	535100
30.00	40.00	M2BAX250SMA8	668900
37.00	50.00	M2BAX280SA8	972000
45.00	60.00	M2BAX280SB8	1115600
55.00	75.00	M2BAX315SMA8	1322500
75.00	100.00	M2BAX315SMB8	1575000
90.00	120.00	M2BAX315SMC8	1785000
110.00	150.00	M2BAX315MLA8	1890000
132.00	180.00	M2BAX355SMA8	2310000
150.00	200.00	M2BAX355SB8	2640000
160.00	215.00	M2BAX355SMB8	2675000
180.00	240.00	M2BAX355SC8	2805000
200.00	270.00	M2BAX355SMC8	2889000
225.00	300.00	E3BA355MLB8h	3960000
250*	335.00	E3BA355MLB8k	4033000

* The rating is suitable for Class F temperature rise only



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					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
110.00	150.00	M3BP280SMC2	50/B	45/B	1208900
132.00	180.00	M3BP280MLA2	50/B	45/B	1485600
160.00	215.00	M3BP280MLB2	50/B	45/B	1623100
250.00	335.00	M3BP315LKA2	50/F	45/B	2220900
315.00	425.00	M3BP315LKC2	50/F	45/B	2447500
400.00	540.00	M3BP355MLA2	50/F	45/B	3391900
450.00	605.00	M3BP355MLB2	50/F	45/B	3730700
500.00	670.00	M3BP355LKA2	50/F	45/B	4103600
560.00	750.00	M3BP355LKB2	50/F	45/B	4514400
FOUR POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
110.00	150.00	M3BP280SMC4	50/B	45/B	1095600
132.00	180.00	M3BP280MLA4	50/B	45/B	1269400
160.00	215.00	M3BP280MLB4	50/B	45/B	1474000
250.00	335.00	M3BP315LKA4	50/F	45/B	2147200
280.00	375.00	M3BP315LKB4	50/F	45/B	2476700
315.00	425.00	M3BP315LKC4	50/F	45/B	2494800
400.00	540.00	M3BP355MLA4	50/F	45/B	3325300
450.00	605.00	M3BP355MLB4	50/F	45/B	3858800
500.00	670.00	M3BP355LKA4	50/B	45/B	3987500
560.00	750.00	M3BP355LKB4	50/F	45/F	4071700
SIX POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
75.00	100.00	M3BP280SMC6	50/F	45/B	1036200
90.00	120.00	M3BP280MLA6	50/B	45/B	1279300
110.00	150.00	M3BP280MLB6	50/B	45/B	1425600
160.00	215.00	M3BP315LKA6	50/B	45/B	1823800
180.00	240.00	M3BP315LKB6	50/B	45/B	2139500
200.00	270.00	M3BP315LKC6	50/B	45/B	2187900
355.00	475.00	M3BP355LKA6	50/F	45/B	3439200
400.00	540.00	M3BP355LKB6	50/F	45/B	4154700
EIGHT POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
55.00	75.00	M3BP280SMC8	50/B	45/B	1141800
75.00	100.00	M3BP280MLB8	50/B	45/B	1369500
132.00	180.00	M3BP315LKA8	50/F	45/F	1956400
150.00	200.00	M3BP315LKB8	50/F	45/F	2115300
160.00	215.00	M3BP315LKC8	50/F	45/F	2186800
315.00	425.00	M3BP355LKB8	50/F	45/F	4424200



Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Flame Proof Motors

Enclosure conforming to protection IP55 as per IEC: 60034-5:2006, 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 0 - 50 Deg.C ambient temperature in Gas Group IIA & IIB and altitude less than 1000M above MSL and conforming to IS/IEC 60079-1 (2007)



Two Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	JHX71C2	34700
0.55	0.75	JHX71D2	38500
0.75	1.00	JHX80C2	40200
1.10	1.50	JHX80D2	44000
1.50	2.00	JHX90SLC2	50600
2.20	3.00	JHX90SLD2	61600
3.70	5.00	JHX100LB2	79800
5.50	7.50	JHX132SMB2	112800
7.50	10.00	JHX132SMC2	123200
9.30	12.50	JHX132SME2	175500
11.00	15.00	JHX160MLB2	216700
15.00	20.00	JHX160MLD2	262900
18.50	25.00	JHX160MLE2	299200
22.00	30.00	JHX180MLB2	369600
30.00	40.00	JHX200MLB2	480700
37.00	50.00	JHX200MLC2	621500

Four Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.25	0.33	JHX71B4	33600
0.37	0.50	JHX71C4	34100
0.55	0.75	JHX80D4	37400
0.75	1.00	JHX80E4	39100
1.10	1.50	JHX90SLD4	45700
1.50	2.00	JHX90SLE4	48400
2.20	3.00	JHX100LB4	63300
3.70	5.00	JHX112MB4	78700
5.50	7.50	JHX132SMC4	106700
7.50	10.00	JHX132SME4	121600
9.30	12.50	JHX160MLB4	185900
11.00	15.00	JHX160MLD4	196400
15.00	20.00	JHX160MLE4	239300
18.50	25.00	JHX180MLB4	282200
22.00	30.00	JHX180MLC4	324500
30.00	40.00	JHX200MLC4	436700

Six Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.25	0.33	JHX80D6	39100
0.37	0.50	JHX80D6	39100
0.55	0.75	JHX80E6	40200
0.75	1.00	JHX90SLD6	46800
1.10	1.50	JHX90SLE6	50100
1.50	2.00	JHX100LB6	70400
2.20	3.00	JHX112MB6	81400
3.70	5.00	JHX132SMC6	107800
5.50	7.50	JHX132SME6	130400
7.50	10.00	JHX160MLC6	201900
9.30	12.50	JHX160MLD6	234900
11.00	15.00	JHX160MLE6	247000
15.00	20.00	JHX180MLC6	338800
18.50	25.00	JHX200MLB6	415300
22.00	30.00	JHX200MLC6	450500

Eight Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	JHX90SLA8	46800
0.55	0.75	JHX90SLD8	51200
0.75	1.00	JHX100LA8	61600
1.10	1.50	JHX100LB8	71500
1.50	2.00	JHX112MA8	84200
2.20	3.00	JHX132SMB8	111100
3.70	5.00	JHX160MLB8	179900
5.50	7.50	JHX160MLD8	206800
7.50	10.00	JHX160MLE8	251900
9.30	12.50	JHX180MLA8	324000
11.00	15.00	JHX180MLB8	341000
15.00	20.00	JHX200MLC8	462000

ABB reserves the right to change the price, design, technical specification and dimensions without prior notice

Additional charges for specific requirements

Frame 71-200 of TEFC

SI no	Description for extra features	Extra charge
1.0	Mounting Standard flange or face mounting (B14, B5, V1, V18 & V19) or foot cum flange/ face mounting(B35, B34, V14, V36)	
1.1	Upto frame 160	3% of LP
1.2	Frame 180 and above	5% of LP

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.



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			
kW	H.P	Frame size	Price (Rs)
0.75	1.00	M2JAP80MB2	54200
1.10	1.50	M2JAP80MC2	60400
1.50	2.00	M2JAP90SLB2	64900
2.20	3.00	M2JAP90SLC2	80600
3.70	5.00	M2JAP100LC2	107300
5.50	7.50	M2JAP132SMB2	152000
7.50	10.00	M2JAP132SMC2	167900
9.30	12.50	M2JAP160MLJ2	272900
11.00	15.00	M2JAP160MLA2	303300
15.00	20.00	M2JAP160MLB2	334500
18.50	25.00	M2JAP160MLC2	379800
22.00	30.00	M2JAP180MLA2	450700
30.00	40.00	M2JAP200MLA2	606700
37.00	50.00	M2JAP200MLC2	785600
45.00	60.00	M2JAP225SMB2	997300
55.00	75.00	M2JAP250SMA2	1320700

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.55	0.75	M2JAP80MA4	51200
0.75	1.00	M2JAP80MD4	53100
1.10	1.50	M2JAP90SLB4	63500
1.50	2.00	M2JAP90SLD4	65600
2.20	3.00	M2JAP100LC4	83300
3.70	5.00	M2JAP112MB4	105500
5.50	7.50	M2JAP132SMB4	145100
7.50	10.00	M2JAP132SMC4	165300
9.30	12.50	M2JAP160MLJ4	235500
11.00	15.00	M2JAP160MLC4	261600
15.00	20.00	M2JAP160MLE4	318100
18.50	25.00	M2JAP180MLA4	361100
22.00	30.00	M2JAP180MLB4	429300
30.00	40.00	M2JAP200MLB4	576100
37.00	50.00	M2JAP225SMB4	717600
45.00	60.00	M2JAP225SMC4	907400
55.00	75.00	M2JAP250SMA4	1202300



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			
KW	H.P	Frame size	Price (Rs)
0.25	0.34	M2JAP80MJ6	51200
0.37	0.50	M2JAP80MA6	53800
0.55	0.75	M2JAP80MB6	55000
0.75	1.00	M2JAP90SLC6	64000
1.10	1.50	M2JAP90SLE6	69300
1.50	2.00	M2JAP100L6	95400
2.20	3.00	M2JAP112MC6	116500
3.70	5.00	M2JAP132SMJ6	146900
5.50	7.50	M2JAP132SMF6	177900
7.50	10.00	M2JAP160MLA6	281700
9.30	12.50	M2JAP160MLJ6	317000
11.00	15.00	M2JAP160MLB6	330100
15.00	20.00	M2JAP180MLB6	441300
18.50	25.00	M2JAP200MLA6	548900
22.00	30.00	M2JAP200MLB6	595400
30.00	40.00	M2JAP225SMB6	933700
37.00	50.00	M2JAP250SMA6	1240000

Eight POLE			
KW	H.P	Frame size	Price (Rs)
0.18	0.25	M2JAP80MA8	58300
0.25	0.34	M2JAP80MB8	61400
0.37	0.50	M2JAP90SLB8	64600
0.55	0.75	M2JAP90SLC8	66400
0.75	1.00	M2JAP100LA8	80400
1.10	1.50	M2JAP100LB8	93500
1.50	2.00	M2JAP112MC8	112100
2.20	3.00	M2JAP132SMA8	148200
3.70	5.00	M2JAP160MLJ8	252000
5.50	7.50	M2JAP160MLB8	281700
7.50	10.00	M2JAP160MLC8	343500
9.30	12.50	M2JAP180MLJ8	436700
11.00	15.00	M2JAP180MLB8	460000
15.00	20.00	M2JAP200MLA8	621800
18.50	25.00	M2JAP225SMA8	772000
22.00	30.00	M2JAP225SMB8	1016000
30.00	40.00	M2JAP250SMA8	1290700



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			
kW	H.P	Frame size	Price (Rs)
0.75	1.00	M2JAP80MD2	58000
1.10	1.50	M2JAP80MG2	64600
1.50	2.00	M2JAP90SLB2	69400
2.20	3.00	M2JAP90LC2	86200
3.70	5.00	M2JAP100LKB2	109600
5.50	7.50	M2JAP132SMF2	170800
7.50	10.00	M2JAP132SMG2	179400
9.30	12.50	M2JAP160MLJ2	286400
11.00	15.00	M2JAP160MLA2	318200
15.00	20.00	M2JAP160MLB2	357500
18.50	25.00	M2JAP160MLC2	406000
22.00	30.00	M2JAP180MLA2	481600
30.00	40.00	M2JAP200MLA2	677800
37.00	50.00	M2JAP200MLB2	839700
45.00	60.00	M2JAP225SMA2	1065900
55.00	75.00	M2JAP250SMA2	1411400

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.55	0.75	M2JAP80MLD4	54700
0.75	1.00	M2JAP80MLG4	56800
1.10	1.50	M2JAP90SLC4	65800
1.50	2.00	M2JAP90LD4	84900
2.20	3.00	M2JAP100LKA4	94300
3.70	5.00	M2JAP112MF4	112900
5.50	7.50	M2JAP132SMF4	155200
7.50	10.00	M2JAP132SMG4	176800
9.30	12.50	M2JAP160MLJ4	267400
11.00	15.00	M2JAP160MLA4	279600
15.00	20.00	M2JAP160MLB4	340000
18.50	25.00	M2JAP180MLA4	386100
22.00	30.00	M2JAP180MLB4	458900
30.00	40.00	M2JAP200MLA4	615700
37.00	50.00	M2JAP225SMA4	801900
45.00	60.00	M2JAP225SMB4	1014000
55.00	75.00	M2JAP250SMA4	1285100



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			
KW	H.P	Frame size	Price (Rs)
0.25	0.34	M2JAP80MA6	54600
0.37	0.50	M2JAP80MD6	57400
0.55	0.75	M2JAP80MLG6	59100
0.75	1.00	M2JAP90SLD6	71900
1.10	1.50	M2JAP90LF6	74000
1.50	2.00	M2JAP100LE6	102000
2.20	3.00	M2JAP112MJ6	118500
3.70	5.00	M2JAP132SMJ6	165000
5.50	7.50	M2JAP132SMH6	190100
7.50	10.00	M2JAP160MLA6	288100
9.30	12.50	M2JAP160MLJ6	337000
11.00	15.00	M2JAP160MLB6	352800
15.00	20.00	M2JAP180MLA6	451200
18.50	25.00	M2JAP200MLA6	561100
22.00	30.00	M2JAP200MLB6	608700
30.00	40.00	M2JAP225SMA6	997900
37.00	50.00	M2JAP250SMA6	1325400



FRSM - 65 Effective from 01.05.2022
(Superseding FRSM - 64 dated 28.05.2021)

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			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MA2 IE2	22600
0.55	0.75	S2BAX71MB2 IE2	25300
0.75	1.00	S2BAX80MA2 IE2	25900
1.10	1.50	S2BAX80MB2 IE2	28600
1.50	2.00	S2BAX90SA2 IE2	35200
2.20	3.00	S2BAX90LA2 IE2	42900
3.70	5.00	S2BAX100LC2 IE2	58300
5.50	7.50	S2BAX132SA2 IE2	85300
7.50	10.00	S2BAX132SB2 IE2	89100
9.30	12.50	S2BAX160MLJ2 IE2	147400
11.00	15.00	S2BAX160MLA2 IE2	162800
15.00	20.00	S2BAX160MLB2 IE2	187000
18.50	25.00	S2BAX160MLC2 IE2	232700
22.00	30.00	S2BAX180MLA2 IE2	252500
30.00	40.00	S2BAX200MLA2 IE2	391100
37.00	50.00	S2BAX200MLB2 IE2	455400
45.00	60.00	S2BAX225SMA2 IE2	586300
55.00	75.00	S2BAX250SMA2 IE2	808500

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MB4 IE2	23700
0.55	0.75	S2BAX80MA4 IE2	26400
0.75	1.00	S2BAX80MB4 IE2	28600
1.10	1.50	S2BAX90SA4 IE2	33000
1.50	2.00	S2BAX90LA4 IE2	38000
2.20	3.00	S2BAX100LA4 IE2	49000
3.70	5.00	S2BAX112MA4 IE2	61100
5.50	7.50	S2BAX132SA4 IE2	80300
7.50	10.00	S2BAX132MA4 IE2	92400
9.30	12.50	S2BAX160MLJ4 IE2	151800
11.00	15.00	S2BAX160MLA4 IE2	156200
15.00	20.00	S2BAX160MLB4 IE2	185400
18.50	25.00	S2BAX180MLA4 IE2	248600
22.00	30.00	S2BAX180MLB4 IE2	266200
30.00	40.00	S2BAX200MLA4 IE2	379000
37.00	50.00	S2BAX225SMA4 IE2	464200
45.00	60.00	S2BAX225SMB4 IE2	548900
55.00	75.00	S2BAX250SMA4 IE2	751900

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX80MA6 IE2	28100
0.55	0.75	S2BAX80MB6 IE2	28600
0.75	1.00	S2BAX90SA6 IE2	35200
1.10	1.50	S2BAX90LA6 IE2	39100
1.50	2.00	S2BAX100LA6 IE2	48400
2.20	3.00	S2BAX112MA6 IE2	58300
3.70	5.00	S2BAX132SB6 IE2	87500
5.50	7.50	S2BAX132MB6 IE2	99000
7.50	10.00	S2BAX160MLA6 IE2	154600
9.30	12.50	S2BAX160MLJ6 IE2	179900
11.00	15.00	S2BAX160MLB6 IE2	191400
15.00	20.00	S2BAX180MLA6 IE2	256300
18.50	25.00	S2BAX200MLA6 IE2	349300
22.00	30.00	S2BAX200MLB6 IE2	368500
30.00	40.00	S2BAX225SMA6 IE2	548900
37.00	50.00	S2BAX250SMA6 IE2	752400

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 - 65 Effective from 01.05.2022
(Superseding FRSM - 64 dated 28.05.2021)

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			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MA2 IE2	23700
0.55	0.75	S2BAX71MB2 IE2	25900
0.75	1.00	S2BAX80MA2 IE2	26400
1.10	1.50	S2BAX80MB2 IE2	29200
1.50	2.00	S2BAX90SA2 IE2	35800
2.20	3.00	S2BAX90LA2 IE2	44600
3.70	5.00	S2BAX100LC2 IE2	58900
5.50	7.50	S2BAX132SA2 IE2	88600
7.50	10.00	S2BAX132SB2 IE2	92400
9.30	12.50	S2BAX160MLJ2 IE2	159500
11.00	15.00	S2BAX160MLA2 IE2	169400
15.00	20.00	S2BAX160MLB2 IE2	195300
18.50	25.00	S2BAX160MLC2 IE2	242000
22.00	30.00	S2BAX180MLA2 IE2	262400
30.00	40.00	S2BAX200MLA2 IE2	407000
37.00	50.00	S2BAX200MLB2 IE2	473000
45.00	60.00	S2BAX225SMA2 IE2	609400
55.00	75.00	S2BAX250SMA2 IE2	840400

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MB4 IE2	24800
0.55	0.75	S2BAX80MA4 IE2	27500
0.75	1.00	S2BAX80MB4 IE2	29700
1.10	1.50	S2BAX90SA4 IE2	34100
1.50	2.00	S2BAX90LA4 IE2	39600
2.20	3.00	S2BAX100LA4 IE2	50600
3.70	5.00	S2BAX112MA4 IE2	63800
5.50	7.50	S2BAX132SA4 IE2	83600
7.50	10.00	S2BAX132MA4 IE2	96800
9.30	12.50	S2BAX160MLJ4 IE2	157900
11.00	15.00	S2BAX160MLA4 IE2	162800
15.00	20.00	S2BAX160MLB4 IE2	192500
18.50	25.00	S2BAX180MLA4 IE2	258500
22.00	30.00	S2BAX180MLB4 IE2	276700
30.00	40.00	S2BAX200MLA4 IE2	394400
37.00	50.00	S2BAX225SMA4 IE2	482900
45.00	60.00	S2BAX225SMB4 IE2	570900
55.00	75.00	S2BAX250SMA4 IE2	781600

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX80MA6 IE2	29200
0.55	0.75	S2BAX80MB6 IE2	30300
0.75	1.00	S2BAX90SA6 IE2	36300
1.10	1.50	S2BAX90LA6 IE2	40700
1.50	2.00	S2BAX100LA6 IE2	50600
2.20	3.00	S2BAX112MA6 IE2	60500
3.70	5.00	S2BAX132SB6 IE2	91300
5.50	7.50	S2BAX132MB6 IE2	102900
7.50	10.00	S2BAX160MLA6 IE2	160600
9.30	12.50	S2BAX160MLJ6 IE2	187000
11.00	15.00	S2BAX160MLB6 IE2	199100
15.00	20.00	S2BAX180MLA6 IE2	266200
18.50	25.00	S2BAX200MLA6 IE2	363000
22.00	30.00	S2BAX200MLB6 IE2	383400
30.00	40.00	S2BAX225SMA6 IE2	570400
37.00	50.00	S2BAX250SMA6 IE2	782700

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 - 65 Effective from 01.05.2022
(Superseding FRSM - 64 dated 28.05.2021)

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			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC2 IE3	25900
0.55	0.75	S3BAX71MB2 IE3	28600
0.75	1.00	S3BAX80MC2 IE3	30800
1.10	1.50	S3BAX80MD2 IE3	38500
1.50	2.00	S3BAX90SB2 IE3	39100
2.20	3.00	S3BAX90SLA2 IE3	49000
3.70	5.00	S3BAX100LKB2 IE3	74800
5.50	7.50	S3BAX132SMA2 IE3	99000
7.50	10.00	S3BAX132SMB2 IE3	107300
9.30	12.50	S3BAX160 MLJ2 IE3	177100
11.00	15.00	S3BAX160 MLA2 IE3	187000
15.00	20.00	S3BAX160 MLB2 IE3	215100
18.50	25.00	S3BAX160 MLC2 IE3	269500
22.00	30.00	S3BAX180 MLA2 IE3	290400
30.00	40.00	S3BAX200 MLA2 IE3	429000
37.00	50.00	S3BAX200 MLB2 IE3	523600
45.00	60.00	S3BAX225 SMA2 IE3	674300
55.00	75.00	S3BAX250 SMA2 IE3	909700

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC4 IE3	27000
0.55	0.75	S3BAX80MC4 IE3	31900
0.75	1.00	S3BAX80MLA4 IE3	32500
1.10	1.50	S3BAX90SB4 IE3	38000
1.50	2.00	S3BAX90SLA4 IE3	43500
2.20	3.00	S3BAX100LB4 IE3	53400
3.70	5.00	S3BAX112MLA4 IE3	70400
5.50	7.50	S3BAX132SMA4 IE3	93500
7.50	10.00	S3BAX132MLA4 IE3	107300
9.30	12.50	S3BAX160 MLJ4 IE3	188700
11.00	15.00	S3BAX160 MLA4 IE3	190900
15.00	20.00	S3BAX160 MLB4 IE3	224400
18.50	25.00	S3BAX180 MLA4 IE3	292600
22.00	30.00	S3BAX180 MLB4 IE3	305300
30.00	40.00	S3BAX200 MLA4 IE3	412500
37.00	50.00	S3BAX225 SMA4 IE3	534600
45.00	60.00	S3BAX225 SMB4 IE3	631400
55.00	75.00	S3BAX250 SMA4 IE3	849200

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX80MC6 IE3	32500
0.55	0.75	S3BAX80MLA6 IE3	33000
0.75	1.00	S3BAX90SLA6 IE3	38000
1.10	1.50	S3BAX90LB6 IE3	50600
1.50	2.00	S3BAX100LKA6 IE3	58900
2.20	3.00	S3BAX112MLA6 IE3	64900
3.70	5.00	S3BAX132SMB6 IE3	100700
5.50	7.50	S3BAX132MLA6 IE3	115500
7.50	10.00	S3BAX160 MLA6 IE3	176600
9.30	12.50	S3BAX160 MLJ6 IE3	224400
11.00	15.00	S3BAX160 MLB6 IE3	236500
15.00	20.00	S3BAX180 MLA6 IE3	281100
18.50	25.00	S3BAX200 MLA6 IE3	390500
22.00	30.00	S3BAX200 MLB6 IE3	404800
30.00	40.00	S3BAX225 SMA6 IE3	609400
37.00	50.00	S3BAX250 SMA6 IE3	856900

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 - 65 Effective from 01.05.2022
(Superseding FRSM - 64 dated 28.05.2021)

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			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC2 IE3	27000
0.55	0.75	S3BAX71MB2 IE3	30300
0.75	1.00	S3BAX80MC2 IE3	31900
1.10	1.50	S3BAX80MD2 IE3	39600
1.50	2.00	S3BAX90SB2 IE3	40700
2.20	3.00	S3BAX90SLA2 IE3	51200
3.70	5.00	S3BAX100LKB2 IE3	78100
5.50	7.50	S3BAX132SMA2 IE3	102900
7.50	10.00	S3BAX132SMB2 IE3	111700
9.30	12.50	S3BAX160 MLJ2 IE3	183700
11.00	15.00	S3BAX160 MLA2 IE3	194200
15.00	20.00	S3BAX160 MLB2 IE3	223900
18.50	25.00	S3BAX160 MLC2 IE3	280000
22.00	30.00	S3BAX180 MLA2 IE3	302000
30.00	40.00	S3BAX200 MLA2 IE3	445500
37.00	50.00	S3BAX200 MLB2 IE3	545100
45.00	60.00	S3BAX225 SMA2 IE3	700700
55.00	75.00	S3BAX250 SMA2 IE3	946600

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC4 IE3	28100
0.55	0.75	S3BAX80MC4 IE3	33000
0.75	1.00	S3BAX80MLA4 IE3	33600
1.10	1.50	S3BAX90SB4 IE3	39600
1.50	2.00	S3BAX90SLA4 IE3	45100
2.20	3.00	S3BAX100LB4 IE3	54500
3.70	5.00	S3BAX112MLA4 IE3	73200
5.50	7.50	S3BAX132SMA4 IE3	96300
7.50	10.00	S3BAX132MLA4 IE3	111700
9.30	12.50	S3BAX160 MLJ4 IE3	195800
11.00	15.00	S3BAX160 MLA4 IE3	198000
15.00	20.00	S3BAX160 MLB4 IE3	233200
18.50	25.00	S3BAX180 MLA4 IE3	304200
22.00	30.00	S3BAX180 MLB4 IE3	317400
30.00	40.00	S3BAX200 MLA4 IE3	428500
37.00	50.00	S3BAX225 SMA4 IE3	555500
45.00	60.00	S3BAX225 SMB4 IE3	656700
55.00	75.00	S3BAX250 SMA4 IE3	883300

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX80MC6 IE3	33600
0.55	0.75	S3BAX80MLA6 IE3	34700
0.75	1.00	S3BAX90SLA6 IE3	40200
1.10	1.50	S3BAX90LB6 IE3	52800
1.50	2.00	S3BAX100LKA6 IE3	61100
2.20	3.00	S3BAX112MLA6 IE3	67100
3.70	5.00	S3BAX132SMB6 IE3	104500
5.50	7.50	S3BAX132MLA6 IE3	119900
7.50	10.00	S3BAX160 MLA6 IE3	183700
9.30	12.50	S3BAX160 MLJ6 IE3	233800
11.00	15.00	S3BAX160 MLB6 IE3	245900
15.00	20.00	S3BAX180 MLA6 IE3	292100
18.50	25.00	S3BAX200 MLA6 IE3	405900
22.00	30.00	S3BAX200 MLB6 IE3	420800
30.00	40.00	S3BAX225 SMA6 IE3	633600
37.00	50.00	S3BAX250 SMA6 IE3	891000

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
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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

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	20000
0.40	0.55	0.55	0.75	KM2BAX71MC4	21200
0.55	0.75	0.75	1.00	KM2BAX80MA4	24000
0.75	1.00	1.10	1.50	KM2BAX80MB4	26700
1.10	1.50	1.50	2.00	KM2BAX90SA4	32100
1.50	2.00	2.20	3.00	KM2BAX90LA4	35900
2.20	3.00	3.70	5.00	KM2BAX100LA4	42800
3.70	5.00	5.50	7.50	KM2BAX112MLA4	64700
5.50	7.50	7.50	10.00	KM2BAX132SA4	78700
7.50	10.00	9.30	12.50	KM2BAX132MA4	92600
9.30	12.50	11.00	15.00	KM2BAX 160MLJ4	141900
11.00	15.00	15.00	20.00	KM2BAX160MLA4	150200
15.00	20.00	18.50	25.00	KM2BAX160MLB4	177900
18.50	25.00	22.00	30.00	KM2BAX180MLA4	215600
22.00	30.00	26.00	34.70	KM2BAX180MLB4	254100
30.00	40.00	36.00	48.00	KM2BAX200MLA4	346200
37.00	50.00	43.00	57.30	KM2BAX225SMA4	391600
45.00	60.00	53.00	70.70	KM2BAX225SMB4	470700
55.00	75.00	64.00	85.30	KM2BAX250SMA4	646800

SIX POLE

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	20700
0.37	0.50	0.55	0.75	KM2BAX80MA6	23700
0.55	0.75	0.75	1.00	KM2BAX80MB6	26700
0.75	1.00	1.10	1.50	KM2BAX90SA6	31400
1.10	1.50	1.50	2.00	KM2BAX90LA6	36900
1.50	2.00	2.20	3.00	KM2BAX100LA6	46300
2.20	3.00	3.70	5.00	KM2BAX112MLA6	61200
3.70	5.00	5.50	7.50	KM2BAX132SB6	83200
5.50	7.50	7.50	10.00	KM2BAX132MB6	95300
7.50	10.00	9.30	12.50	KM2BAX160MLA6	161600
9.30	12.50	11.00	15.00	KM2BAX160MLJ6	177900
11.00	15.00	13.50	18.00	KM2BAX160MLB6	199700
15.00	20.00	18.50	25.00	KM2BAX180MLA6	249500
18.50	25.00	22.00	30.00	KM2BAX200MLA6	293800
22.00	30.00	26.00	34.70	KM2BAX200MLB6	354900
30.00	40.00	39.00	52.00	KM2BAX225SMA6	470700
37.00	50.00	46.00	61.30	KM2BAX250SMA6	629500

**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					
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	21600
0.18	0.25	0.18	0.25	KM2BAX80MA8	25000
0.25	0.34	0.25	0.34	KM2BAX80MB8	26700
0.37	0.50	0.55	0.75	KM2BAX90SA8	34800
0.55	0.75	0.75	1.00	KM2BAX90LA8	36500
0.75	1.00	1.10	1.50	KM2BAX100LA8	42400
1.10	1.50	1.50	2.00	KM2BAX100LB8	50500
1.50	2.00	2.20	3.00	KM2BAX112MA8	59300
2.20	3.00	3.00	4.00	KM2BAX132SA8	90600
3.70	5.00	6.00	8.00	KM2BAX160MLA8	134900
5.50	7.50	7.50	10.00	KM2BAX160MLB8	158800
7.50	10.00	9.30	12.50	KM2BAX160MLC8	196000
9.30	12.50	10.60	14.10	KM2BAX180MLA8	243100
11.00	15.00	12.50	16.70	KM2BAX180MLB8	275900
15.00	20.00	17.00	22.70	KM2BAX200MLA8	353300
18.50	25.00	20.50	27.30	KM2BAX225SMA8	439300
22.00	30.00	24.50	32.70	KM2BAX225SMB8	532400
30.00	40.00	34.00	45.30	KM2BAX250SMA8	635300

*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					
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	19500
0.40	0.55	0.55	0.75	KM2BAX71MC4	20600
0.55	0.75	0.75	1.00	KM2BAX80MA4	23300
0.75	1.00	1.10	1.50	KM2BAX80MB4	26000
1.10	1.50	1.50	2.00	KM2BAX90SA4	31200
1.50	2.00	2.20	3.00	KM2BAX90LA4	35900
2.20	3.00	3.70	5.00	KM2BAX100LB4	48000
3.70	5.00	5.50	7.50	KM2BAX112MLA4	64700
5.50	7.50	7.50	10.00	KM2BAX132MA4	90200
7.50	10.00	9.30	12.50	KM2BAX132SME4	96500
11.00	15.00	12.50	16.70	KM2BAX160MLA4	153700
15.00	20.00	16.50	22.00	KM2BAX160MLB4	169800
16.00	21.30	18.50	25.00	KM2BAX160MLC4	177900
18.50	25.00	22.00	30.00	KM2BAX180MLA4	226400
30.00	40.00	30.00	40.00	KM2BAX200MLA4	335000

SIX POLE					
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	16300
0.18	0.25	0.25	0.34	KM2BAX71MB6	18000
0.25	0.34	0.37	0.50	KM2BAX71MC6	20100
0.37	0.50	0.55	0.75	KM2BAX80MC6	22300
0.55	0.75	0.75	1.00	KM2BAX80MB6	26000
0.75	1.00	1.10	1.50	KM2BAX90LA6	35900
1.10	1.50	1.50	2.00	KM2BAX90LB6	41800
1.50	2.00	2.20	3.00	KM2BAX100LA6	45100
2.20	3.00	3.70	5.00	KM2BAX112MLA6	59500
3.70	5.00	5.50	7.50	KM2BAX132SB6	80900
5.50	7.50	7.50	10.00	KM2BAX132MLA6	122200
7.50	10.00	9.30	12.50	KM2BAX160MLA6	157300
9.30	12.50	11.50	15.30	KM2BAX160MLJ6	189400
11.00	15.00	13.50	18.00	KM2BAX160MLB6	206100
15.00	20.00	18.50	25.00	KM2BAX180MLA6	242600
22.00	30.00	23.50	31.30	KM2BAX200MLB6	345500

**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					
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	19800
0.12	0.16	0.12	0.16	KM2BAX71MB8	20900
0.18	0.25	0.18	0.25	KM2BAX80MA8	24200
0.25	0.34	0.25	0.34	KM2BAX80MB8	26000
0.37	0.50	0.37	0.50	KM2BAX90SA8	33600
0.37	0.50	0.55	0.75	KM2BAX90SB8	34100
0.55	0.75	0.75	1.00	KM2BAX90LA8	35900
0.75	1.00	1.10	1.50	KM2BAX100LB8	49100
1.10	1.50	1.50	2.00	KM2BAX100LKA8	49500
1.50	2.00	2.20	3.00	KM2BAX112MLA8	62700
2.20	3.00	3.70	5.00	KM2BAX132SMA8	104000
3.70	5.00	6.00	8.00	KM2BAX160MLA8	131300
5.50	7.50	7.50	10.00	KM2BAX160MLB8	166400
7.50	10.00	9.30	12.50	KM2BAX160MLC8	190600
9.30	12.50	12.00	16.00	KM2BAX180MLA8	243100
15.00	20.00	15.00	20.00	KM2BAX200MLA8	337300



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 conformity will be issued.



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

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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.