



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	16000
0.55	0.75	M2BAX71MB2	18000
0.75	1.00	M2BAX80MA2	19500
1.10	1.50	M2BAX80MB2	22000
1.50	2.00	M2BAX90SA2	27000
2.20	3.00	M2BAX90LA2	32000
3.70	5.00	M2BAX100LC2	42000
5.50	7.50	M2BAX132SA2	67000
7.50	10.00	M2BAX132SB2	70000
9.30	12.50	M2BAX160MLJ2	127000
11.00	15.00	M2BAX160MLA2	134500
15.00	20.00	M2BAX160MLB2	152000
18.50	25.00	M2BAX160MLC2	181500
22.00	30.00	M2BAX180MLA2	205000
30.00	40.00	M2BAX200MLA2	290000
37.00	50.00	M2BAX200MLB2	338000
45.00	60.00	M2BAX225SMA2	444000
55.00	75.00	M2BAX250SMA2	610000
75.00	100.00	M2BAX280SA2	863500
90.00	120.00	M2BAX280SMB2	975000
110.00	150.00	M2BAX315SMA2	1180500
125.00	170.00	M2BAX315SB2	1425000
132.00	180.00	M2BAX315SMB2	1441000
160.00	215.00	M2BAX315SMC2	1579000
180.00	240.00	M2BAX315MA2	1663000
200.00	270.00	M2BAX315MLA2	1831500
225.00	300.00	M2BAX355SA2	2000000
250.00	335.00	M2BAX355SMA2	2149500
315.00	425.00	M2BAX355SMB2	2375000
355.00	475.00	M2BAX355SMC2	2671000
375.00	500.00	E2BA355MLD2	3000000



FRSM - 64 Effective from 28.05.2021
(Superseding FRSM - 63 Effective from 15.01.2021)

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	17500
0.55	0.75	M2BAX80MA4	21000
0.75	1.00	M2BAX80MB4	22500
1.10	1.50	M2BAX90SA4	27000
1.50	2.00	M2BAX90LA4	31000
2.20	3.00	M2BAX100LA4	37000
3.70	5.00	M2BAX112MA4	48000
5.50	7.50	M2BAX132SA4	65000
7.50	10.00	M2BAX132MA4	74500
9.30	12.50	M2BAX160MLJ4	120000
11.00	15.00	M2BAX160MLA4	127000
15.00	20.00	M2BAX160MLB4	147000
18.50	25.00	M2BAX180MLA4	196000
22.00	30.00	M2BAX180MLB4	210000
30.00	40.00	M2BAX200MLA4	290000
37.00	50.00	M2BAX225SMA4	339000
45.00	60.00	M2BAX225SMB4	407500
55.00	75.00	M2BAX250SMA4	560000
75.00	100.00	M2BAX280SA4	794500
90.00	120.00	M2BAX280SMB4	890000
110.00	150.00	M2BAX315SMA4	1063500
125.00	170.00	M2BAX315SB4	1227500
132.00	180.00	M2BAX315SMB4	1237500
160.00	215.00	M2BAX315SMC4	1426500
180.00	240.00	M2BAX315MA4	1522000
200.00	270.00	M2BAX315MLA4	1715500
225.00	300.00	M2BAX355SA4	1960000
250.00	335.00	M2BAX355SMA4	2076000
315.00	425.00	M2BAX355SMB4	2403000
355.00	475.00	M2BAX355SMC4	2920000
400.00	540.00	E2BA355MLB4h	3189000



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			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	M2BAX80MA6	21500
0.55	0.75	M2BAX80MB6	22500
0.75	1.00	M2BAX90SA6	28500
1.10	1.50	M2BAX90LA6	31000
1.50	2.00	M2BAX100LA6	39000
2.20	3.00	M2BAX112MA6	45500
3.70	5.00	M2BAX132SB6	70000
5.50	7.50	M2BAX132MB6	82500
7.50	10.00	M2BAX160MLA6	130000
9.30	12.50	M2BAX160MLJ6	154000
11.00	15.00	M2BAX160MLB6	165000
15.00	20.00	M2BAX180MLA6	210000
18.50	25.00	M2BAX200MLA6	264500
22.00	30.00	M2BAX200MLB6	285500
30.00	40.00	M2BAX225SMA6	407500
37.00	50.00	M2BAX250SMA6	545000
45.00	60.00	M2BAX280SA6	753000
55.00	75.00	M2BAX280SB6	856500
75.00	100.00	M2BAX315SMA6	992500
90.00	120.00	M2BAX315SMB6	1231500
110.00	150.00	M2BAX315SMC6	1373500
125.00	170.00	M2BAX315MA6	1607000
132.00	180.00	M2BAX315MLA6	1615000
160.00	215.00	M2BAX355SMA6	1737500
200.00	270.00	M2BAX355SMB6	2086000
250.00	335.00	M2BAX355SMC6	2190000
275.00	370.00	E2BA355MLB6k	2666500
315.00	425.00	E2BA355MLB6	3235000
355*	475.00	E2BA355MLB6h	3283500

* 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 confirming to IEC:60034-1 & IS 12615:2018.

Eight POLE			
KW	H.P	Frame size	Price (Rs)
0.09	0.12	M2BAX71MA8	18000
0.12	0.16	M2BAX71MB8	19000
0.18	0.25	M2BAX80MA8	22000
0.25	0.34	M2BAX80MB8	22500
0.37	0.50	M2BAX90SA8	29000
0.55	0.75	M2BAX90LA8	31000
0.75	1.00	M2BAX100LA8	38500
1.10	1.50	M2BAX100LB8	42500
1.50	2.00	M2BAX112MA8	49000
2.20	3.00	M2BAX132SA8	78500
3.70	5.00	M2BAX160MLA8	108500
5.50	7.50	M2BAX160MLB8	137500
7.50	10.00	M2BAX160MLC8	165000
9.30	12.50	M2BAX180MLA8	210500
11.00	15.00	M2BAX180MLB8	228000
15.00	20.00	M2BAX200MLA8	292000
18.50	25.00	M2BAX225SMA8	375000
22.00	30.00	M2BAX225SMB8	440000
30.00	40.00	M2BAX250SMA8	550000
37.00	50.00	M2BAX280SA8	788000
45.00	60.00	M2BAX280SB8	880000
55.00	75.00	M2BAX315SMA8	1113500
75.00	100.00	M2BAX315SMB8	1305000
90.00	120.00	M2BAX315SMC8	1420000
110.00	150.00	M2BAX315MLA8	1571000
132.00	180.00	M2BAX355SMA8	1905000
150.00	200.00	M2BAX355SB8	2028000
160.00	215.00	M2BAX355SMB8	2134500
180.00	240.00	M2BAX355SC8	2344000
200.00	270.00	M2BAX355SMC8	2515000
225.00	300.00	E2BA355MLB8h	3050000
250*	335.00	E2BA355MLB8k	3500000

* The rating is suitable for Class F temperature rise only



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

(Enclosure confirming to protection IP55) Horizontal Foot Mounted Induction Motors, continuously rated suitable for operation on 415V $\pm$ 10%, 50Hz $\pm$ 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	M2BAX71MC2	19000
0.55	0.75	M2BAX71MB2	21500
0.75	1.00	M2BAX80MC2	22500
1.10	1.50	M2BAX80MD2	28000
1.50	2.00	M2BAX90SB2	30000
2.20	3.00	M2BAX90SLA2	36000
3.70	5.00	M2BAX100LKB2	55000
5.50	7.50	M2BAX132SMA2	83000
7.50	10.00	M2BAX132SMB2	90000
9.30	12.50	M2BAX160MLJ2	138000
11.00	15.00	M2BAX160MLA2	150000
15.00	20.00	M2BAX160MLB2	171000
18.50	25.00	M2BAX160MLC2	210000
22.00	30.00	M2BAX180MLA2	223500
30.00	40.00	M2BAX200MLA2	337000
37.00	50.00	M2BAX200MLB2	401000
45.00	60.00	M2BAX225SMA2	506000
55.00	75.00	M2BAX250SMA2	660000
75.00	100.00	M2BAX280SMB2	950000
90.00	120.00	M2BAX280SMC2	1069500
110.00	150.00	M2BAX315SMB2	1287000
125.00	170.00	M2BAX315SC2	1534000
132.00	180.00	M2BAX315SMC2	1549000
160.00	215.00	M2BAX315SMD2	1697000
180.00	240.00	M2BAX315MA2	1866000
200.00	270.00	M2BAX315MLA2	1931000
225.00	300.00	M2BAX355SA2	2200000
250.00	335.00	M2BAX355SMA2	2410000
315.00	425.00	M2BAX355SMB2	2575000
355.00	475.00	M2BAX355SMC2	2857500
375.00	500.00	E3BA355MLD2	3271000



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

(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 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	M2BAX71MLA4	20500
0.55	0.75	M2BAX80MC4	24500
0.75	1.00	M2BAX80MLA4	26500
1.10	1.50	M2BAX90SB4	29500
1.50	2.00	M2BAX90SLA4	34000
2.20	3.00	M2BAX100LB4	41500
3.70	5.00	M2BAX112MLA4	56000
5.50	7.50	M2BAX132SMA4	79500
7.50	10.00	M2BAX132MLA4	86000
9.30	12.50	M2BAX160MLJ4	146000
11.00	15.00	M2BAX160MLA4	149500
15.00	20.00	M2BAX160MLB4	182500
18.50	25.00	M2BAX180MLA4	225000
22.00	30.00	M2BAX180MLB4	237000
30.00	40.00	M2BAX200MLA4	321500
37.00	50.00	M2BAX225SMA4	405000
45.00	60.00	M2BAX225SMB4	479000
55.00	75.00	M2BAX250SMA4	625000
75.00	100.00	M2BAX280SMB4	841500
90.00	120.00	M2BAX280SMC4	976000
110.00	150.00	M2BAX315SMB4	1139000
125.00	170.00	M2BAX315SC4	1313000
132.00	180.00	M2BAX315SMC4	1329000
160.00	215.00	M2BAX315SMD4	1576000
180.00	240.00	M2BAX315MB4	1731500
200.00	270.00	M2BAX315MLB4	1887000
225.00	300.00	M2BAX355SA4	2212500
250.00	335.00	M2BAX355SMA4	2294500
315.00	425.00	M2BAX355SMB4	2632000
355.00	475.00	M2BAX355SMC4	3089000
400.00	540.00	E3BA355MLB4h	3476500



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	24500
0.55	0.75	M2BAX80MLA6	26500
0.75	1.00	M2BAX90SLA6	31000
1.10	1.50	M2BAX90LB6	38000
1.50	2.00	M2BAX100LKA6	46000
2.20	3.00	M2BAX112MLA6	51500
3.70	5.00	M2BAX132SMB6	79500
5.50	7.50	M2BAX132MLA6	101000
7.50	10.00	M2BAX160MLA6	139000
9.30	12.50	M2BAX160MLJ6	164000
11.00	15.00	M2BAX160MLB6	178500
15.00	20.00	M2BAX180MLA6	232500
18.50	25.00	M2BAX200MLA6	301500
22.00	30.00	M2BAX200MLB6	318500
30.00	40.00	M2BAX225SMA6	475500
37.00	50.00	M2BAX250SMA6	620000
45.00	60.00	M2BAX280SMB6	830000
55.00	75.00	M2BAX280SMC6	944000
75.00	100.00	M2BAX315SMB6	1089000
90.00	120.00	M2BAX315SMC6	1357500
110.00	150.00	M2BAX315SMD6	1497000
125.00	170.00	M2BAX315MB6	1721500
132.00	180.00	M2BAX315MLB6	1738000
160.00	215.00	M2BAX355SMA6	1980000
200.00	270.00	M2BAX355SMB6	2315000
250.00	335.00	M2BAX355SMC6	2439500
275.00	370.00	E3BA355MLB6k	3217000
315.00	425.00	E3BA355MLB6	3502000
355*	475.00	E3BA355MLB6h	3562500

* 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 $\pm$ 10%, 50Hz $\pm$ 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	22500
0.12	0.16	M2BAX71MB8	23000
0.18	0.25	M2BAX80MA8	24500
0.25	0.34	M2BAX80MB8	26500
0.37	0.50	M2BAX90SA8	29500
0.55	0.75	M2BAX90LA8	36000
0.75	1.00	M2BAX100LKA8	45000
1.10	1.50	M2BAX100LKB8	51500
1.50	2.00	M2BAX112MLA8	57000
2.20	3.00	M2BAX132SMA8	90000
3.70	5.00	M2BAX160MLA8	126500
5.50	7.50	M2BAX160MLB8	149500
7.50	10.00	M2BAX160MLC8	187000
9.30	12.50	M2BAX180MLA8	238000
11.00	15.00	M2BAX180MLB8	256500
15.00	20.00	M2BAX200MLA8	353000
18.50	25.00	M2BAX225SMA8	447000
22.00	30.00	M2BAX225SMB8	495500
30.00	40.00	M2BAX250SMA8	637000
37.00	50.00	M2BAX280SA8	900000
45.00	60.00	M2BAX280SB8	1033000
55.00	75.00	M2BAX315SMA8	1259500
75.00	100.00	M2BAX315SMB8	1500000
90.00	120.00	M2BAX315SMC8	1700000
110.00	150.00	M2BAX315MLA8	1800000
132.00	180.00	M2BAX355SMA8	2200000
150.00	200.00	M2BAX355SB8	2400000
160.00	215.00	M2BAX355SMB8	2500000
180.00	240.00	M2BAX355SC8	2550000
200.00	270.00	M2BAX355SMC8	2700000
225.00	300.00	E3BA355MLB8h	3600000
250*	335.00	E3BA355MLB8k	3700000

* 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.

*High Output
Process
performance
motors*

TWO POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
110.00	150.00	M3BP280SMC2	50/B	45/B	1099000
132.00	180.00	M3BP280MLA2	50/B	45/B	1350500
160.00	215.00	M3BP280MLB2	50/B	45/B	1475500
250.00	335.00	M3BP315LKA2	50/F	45/B	2019000
315.00	425.00	M3BP315LKC2	50/F	45/B	2225000
400.00	540.00	M3BP355MLA2	50/F	45/B	3083500
450.00	605.00	M3BP355MLB2	50/F	45/B	3391500
500.00	670.00	M3BP355LKA2	50/F	45/B	3730500
560.00	750.00	M3BP355LKB2	50/F	45/B	4104000
FOUR POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
110.00	150.00	M3BP280SMC4	50/B	45/B	996000
132.00	180.00	M3BP280MLA4	50/B	45/B	1154000
160.00	215.00	M3BP280MLB4	50/B	45/B	1340000
250.00	335.00	M3BP315LKA4	50/F	45/B	1952000
280.00	375.00	M3BP315LKB4	50/F	45/B	2251500
315.00	425.00	M3BP315LKC4	50/F	45/B	2268000
400.00	540.00	M3BP355MLA4	50/F	45/B	3023000
450.00	605.00	M3BP355MLB4	50/F	45/B	3508000
500.00	670.00	M3BP355LKA4	50/B	45/B	3625000
560.00	750.00	M3BP355LKB4	50/F	45/F	3701500
SIX POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
75.00	100.00	M3BP280SMC6	50/F	45/B	942000
90.00	120.00	M3BP280MLA6	50/B	45/B	1163000
110.00	150.00	M3BP280MLB6	50/B	45/B	1296000
160.00	215.00	M3BP315LKA6	50/B	45/B	1658000
180.00	240.00	M3BP315LKB6	50/B	45/B	1945000
200.00	270.00	M3BP315LKC6	50/B	45/B	1989000
355.00	475.00	M3BP355LKA6	50/F	45/B	3126500
400.00	540.00	M3BP355LKB6	50/F	45/B	3777000
EIGHT POLE					
kW	H.P	Frame size	Amb/Temp. rise		Price (Rs)
55.00	75.00	M3BP280SMC8	50/B	45/B	1038000
75.00	100.00	M3BP280MLB8	50/B	45/B	1245000
132.00	180.00	M3BP315LKA8	50/F	45/F	1778500
150.00	200.00	M3BP315LKB8	50/F	45/F	1923000
160.00	215.00	M3BP315LKC8	50/F	45/F	1988000
315.00	425.00	M3BP355LKB8	50/F	45/F	4022000



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)

Ex d

Two Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	JHX71C2	31500
0.55	0.75	JHX71D2	35000
0.75	1.00	JHX80C2	36500
1.10	1.50	JHX80D2	40000
1.50	2.00	JHX90SLC2	46000
2.20	3.00	JHX90SLD2	56000
3.70	5.00	JHX100LB2	72500
5.50	7.50	JHX132SMB2	102500
7.50	10.00	JHX132SMC2	112000
9.30	12.50	JHX132SME2	159500
11.00	15.00	JHX160MLB2	197000
15.00	20.00	JHX160MLD2	239000
18.50	25.00	JHX160MLE2	272000
22.00	30.00	JHX180MLB2	336000
30.00	40.00	JHX200MLB2	437000
37.00	50.00	JHX200MLC2	565000

Four Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.25	0.33	JHX71B4	30500
0.37	0.50	JHX71C4	31000
0.55	0.75	JHX80D4	34000
0.75	1.00	JHX80E4	35500
1.10	1.50	JHX90SLD4	41500
1.50	2.00	JHX90SLE4	44000
2.20	3.00	JHX100LB4	57500
3.70	5.00	JHX112MB4	71500
5.50	7.50	JHX132SMC4	97000
7.50	10.00	JHX132SME4	110500
9.30	12.50	JHX160MLB4	169000
11.00	15.00	JHX160MLD4	178500
15.00	20.00	JHX160MLE4	217500
18.50	25.00	JHX180MLB4	256500
22.00	30.00	JHX180MLC4	295000
30.00	40.00	JHX200MLC4	397000

Six Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.25	0.33	JHX80D6	35500
0.37	0.50	JHX80D6	35500
0.55	0.75	JHX80E6	36500
0.75	1.00	JHX90SLD6	42500
1.10	1.50	JHX90SLE6	45500
1.50	2.00	JHX100LB6	64000
2.20	3.00	JHX112MB6	74000
3.70	5.00	JHX132SMC6	98000
5.50	7.50	JHX132SME6	118500
7.50	10.00	JHX160MLC6	183500
9.30	12.50	JHX160MLD6	213500
11.00	15.00	JHX160MLE6	224500
15.00	20.00	JHX180MLC6	308000
18.50	25.00	JHX200MLB6	377500
22.00	30.00	JHX200MLC6	409500

Eight Pole

Output			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	JHX90SLA8	42500
0.55	0.75	JHX90SLD8	46500
0.75	1.00	JHX100LA8	56000
1.10	1.50	JHX100LB8	65000
1.50	2.00	JHX112MA8	76500
2.20	3.00	JHX132SMB8	101000
3.70	5.00	JHX160MLB8	163500
5.50	7.50	JHX160MLD8	188000
7.50	10.00	JHX160MLE8	229000
9.30	12.50	JHX180MLA8	294500
11.00	15.00	JHX180MLB8	310000
15.00	20.00	JHX200MLC8	420000

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

Sl 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.



FRSM - 64 Effective from 28.05.2021
(Superseding FRSM - 63 Effective from 15.01.2021)

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	20500
0.55	0.75	S2BAX71MB2 IE2	23000
0.75	1.00	S2BAX80MA2 IE2	23500
1.10	1.50	S2BAX80MB2 IE2	26000
1.50	2.00	S2BAX90SA2 IE2	32000
2.20	3.00	S2BAX90LA2 IE2	39000
3.70	5.00	S2BAX100LC2 IE2	53000
5.50	7.50	S2BAX132SA2 IE2	77500
7.50	10.00	S2BAX132SB2 IE2	81000
9.30	12.50	S2BAX160MLJ2 IE2	134000
11.00	15.00	S2BAX160MLA2 IE2	148000
15.00	20.00	S2BAX160MLB2 IE2	170000
18.50	25.00	S2BAX160MLC2 IE2	211500
22.00	30.00	S2BAX180MLA2 IE2	229500
30.00	40.00	S2BAX200MLA2 IE2	355500
37.00	50.00	S2BAX200MLB2 IE2	414000
45.00	60.00	S2BAX225SMA2 IE2	533000
55.00	75.00	S2BAX250SMA2 IE2	735000

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MB4 IE2	21500
0.55	0.75	S2BAX80MA4 IE2	24000
0.75	1.00	S2BAX80MB4 IE2	26000
1.10	1.50	S2BAX90SA4 IE2	30000
1.50	2.00	S2BAX90LA4 IE2	34500
2.20	3.00	S2BAX100LA4 IE2	44500
3.70	5.00	S2BAX112MA4 IE2	55500
5.50	7.50	S2BAX132SA4 IE2	73000
7.50	10.00	S2BAX132MA4 IE2	84000
9.30	12.50	S2BAX160MLJ4 IE2	138000
11.00	15.00	S2BAX160MLA4 IE2	142000
15.00	20.00	S2BAX160MLB4 IE2	168500
18.50	25.00	S2BAX180MLA4 IE2	226000
22.00	30.00	S2BAX180MLB4 IE2	242000
30.00	40.00	S2BAX200MLA4 IE2	344500
37.00	50.00	S2BAX225SMA4 IE2	422000
45.00	60.00	S2BAX225SMB4 IE2	499000
55.00	75.00	S2BAX250SMA4 IE2	683500

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX80MA6 IE2	25500
0.55	0.75	S2BAX80MB6 IE2	26000
0.75	1.00	S2BAX90SA6 IE2	32000
1.10	1.50	S2BAX90LA6 IE2	35500
1.50	2.00	S2BAX100LA6 IE2	44000
2.20	3.00	S2BAX112MA6 IE2	53000
3.70	5.00	S2BAX132SB6 IE2	79500
5.50	7.50	S2BAX132MB6 IE2	90000
7.50	10.00	S2BAX160MLA6 IE2	140500
9.30	12.50	S2BAX160MLJ6 IE2	163500
11.00	15.00	S2BAX160MLB6 IE2	174000
15.00	20.00	S2BAX180MLA6 IE2	233000
18.50	25.00	S2BAX200MLA6 IE2	317500
22.00	30.00	S2BAX200MLB6 IE2	335000
30.00	40.00	S2BAX225SMA6 IE2	499000
37.00	50.00	S2BAX250SMA6 IE2	684000

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 - 64 Effective from 28.05.2021
(Superseding FRSM - 63 Effective from 15.01.2021)

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	21500
0.55	0.75	S2BAX71MB2 IE2	23500
0.75	1.00	S2BAX80MA2 IE2	24000
1.10	1.50	S2BAX80MB2 IE2	26500
1.50	2.00	S2BAX90SA2 IE2	32500
2.20	3.00	S2BAX90LA2 IE2	40500
3.70	5.00	S2BAX100LC2 IE2	53500
5.50	7.50	S2BAX132SA2 IE2	80500
7.50	10.00	S2BAX132SB2 IE2	84000
9.30	12.50	S2BAX160MLJ2 IE2	145000
11.00	15.00	S2BAX160MLA2 IE2	154000
15.00	20.00	S2BAX160MLB2 IE2	177500
18.50	25.00	S2BAX160MLC2 IE2	220000
22.00	30.00	S2BAX180MLA2 IE2	238500
30.00	40.00	S2BAX200MLA2 IE2	370000
37.00	50.00	S2BAX200MLB2 IE2	430000
45.00	60.00	S2BAX225SMA2 IE2	554000
55.00	75.00	S2BAX250SMA2 IE2	764000

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX71MB4 IE2	22500
0.55	0.75	S2BAX80MA4 IE2	25000
0.75	1.00	S2BAX80MB4 IE2	27000
1.10	1.50	S2BAX90SA4 IE2	31000
1.50	2.00	S2BAX90LA4 IE2	36000
2.20	3.00	S2BAX100LA4 IE2	46000
3.70	5.00	S2BAX112MA4 IE2	58000
5.50	7.50	S2BAX132SA4 IE2	76000
7.50	10.00	S2BAX132MA4 IE2	88000
9.30	12.50	S2BAX160MLJ4 IE2	143500
11.00	15.00	S2BAX160MLA4 IE2	148000
15.00	20.00	S2BAX160MLB4 IE2	175000
18.50	25.00	S2BAX180MLA4 IE2	235000
22.00	30.00	S2BAX180MLB4 IE2	251500
30.00	40.00	S2BAX200MLA4 IE2	358500
37.00	50.00	S2BAX225SMA4 IE2	439000
45.00	60.00	S2BAX225SMB4 IE2	519000
55.00	75.00	S2BAX250SMA4 IE2	710500

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S2BAX80MA6 IE2	26500
0.55	0.75	S2BAX80MB6 IE2	27500
0.75	1.00	S2BAX90SA6 IE2	33000
1.10	1.50	S2BAX90LA6 IE2	37000
1.50	2.00	S2BAX100LA6 IE2	46000
2.20	3.00	S2BAX112MA6 IE2	55000
3.70	5.00	S2BAX132SB6 IE2	83000
5.50	7.50	S2BAX132MB6 IE2	93500
7.50	10.00	S2BAX160MLA6 IE2	146000
9.30	12.50	S2BAX160MLJ6 IE2	170000
11.00	15.00	S2BAX160MLB6 IE2	181000
15.00	20.00	S2BAX180MLA6 IE2	242000
18.50	25.00	S2BAX200MLA6 IE2	330000
22.00	30.00	S2BAX200MLB6 IE2	348500
30.00	40.00	S2BAX225SMA6 IE2	518500
37.00	50.00	S2BAX250SMA6 IE2	711500

Type

Enclosure

Voltage +/- variation

Frequency +/- variation

Combined +/- variation

Mounting Reference

Altitude

Relative Humidity

Degree of Protection

Class of Insulation

Ambient Temp./ Temp. Rise

Duty

Terminal Box

Connection / No. of leads

Direction of Rotation

Grease Type

Greasing arrangement

Cooling

Paint

Three phase squirrel cage induction motor

Totally enclosed fan cooled

415+/- 10%

50Hz +/- 5%

10% (Absolute Sum)

As per IEC 60072-1

Upto 1000 M

Upto 100%

IP55 as per IEC 60034-5

Class H

50 Deg C/ 70 Deg C

S1 / Continuous

Can be provided as optional*

Upto 2HP- 1no. 3 Core Flying lead of 1 meter length /
Above 2HP - 1no. 6 Core Flying lead of 1 meter length

Bi-directional

Lithium complex grease

Greased for Life, Sealed Bearings

IC411 (TEFC)

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 - 64 Effective from 28.05.2021
(Superseding FRSM - 63 Effective from 15.01.2021)

PRICE LIST

IE3

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE3)

(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 '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	23500
0.55	0.75	S3BAX71MB2 IE3	26000
0.75	1.00	S3BAX80MC2 IE3	28000
1.10	1.50	S3BAX80MD2 IE3	35000
1.50	2.00	S3BAX90SB2 IE3	35500
2.20	3.00	S3BAX90SLA2 IE3	44500
3.70	5.00	S3BAX100LKB2 IE3	68000
5.50	7.50	S3BAX132SMA2 IE3	90000
7.50	10.00	S3BAX132SMB2 IE3	97500
9.30	12.50	S3BAX160 MLJ2 IE3	161000
11.00	15.00	S3BAX160 MLA2 IE3	170000
15.00	20.00	S3BAX160 MLB2 IE3	195500
18.50	25.00	S3BAX160 MLC2 IE3	245000
22.00	30.00	S3BAX180 MLA2 IE3	264000
30.00	40.00	S3BAX200 MLA2 IE3	390000
37.00	50.00	S3BAX200 MLB2 IE3	476000
45.00	60.00	S3BAX225 SMA2 IE3	613000
55.00	75.00	S3BAX250 SMA2 IE3	827000

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC4 IE3	24500
0.55	0.75	S3BAX80MC4 IE3	29000
0.75	1.00	S3BAX80MLA4 IE3	29500
1.10	1.50	S3BAX90SB4 IE3	34500
1.50	2.00	S3BAX90SLA4 IE3	39500
2.20	3.00	S3BAX100LB4 IE3	48500
3.70	5.00	S3BAX112MLA4 IE3	64000
5.50	7.50	S3BAX132SMA4 IE3	85000
7.50	10.00	S3BAX132MLA4 IE3	97500
9.30	12.50	S3BAX160 MLJ4 IE3	171500
11.00	15.00	S3BAX160 MLA4 IE3	173500
15.00	20.00	S3BAX160 MLB4 IE3	204000
18.50	25.00	S3BAX180 MLA4 IE3	266000
22.00	30.00	S3BAX180 MLB4 IE3	277500
30.00	40.00	S3BAX200 MLA4 IE3	375000
37.00	50.00	S3BAX225 SMA4 IE3	486000
45.00	60.00	S3BAX225 SMB4 IE3	574000
55.00	75.00	S3BAX250 SMA4 IE3	772000

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX80MC6 IE3	29500
0.55	0.75	S3BAX80MLA6 IE3	30000
0.75	1.00	S3BAX90SLA6 IE3	34500
1.10	1.50	S3BAX90LB6 IE3	46000
1.50	2.00	S3BAX100LKA6 IE3	53500
2.20	3.00	S3BAX112MLA6 IE3	59000
3.70	5.00	S3BAX132SMB6 IE3	91500
5.50	7.50	S3BAX132MLA6 IE3	105000
7.50	10.00	S3BAX160 MLA6 IE3	160500
9.30	12.50	S3BAX160 MLJ6 IE3	204000
11.00	15.00	S3BAX160 MLB6 IE3	215000
15.00	20.00	S3BAX180 MLA6 IE3	255500
18.50	25.00	S3BAX200 MLA6 IE3	355000
22.00	30.00	S3BAX200 MLB6 IE3	368000
30.00	40.00	S3BAX225 SMA6 IE3	554000
37.00	50.00	S3BAX250 SMA6 IE3	779000

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, Mallechwaram West,
Bengaluru-560055



FRSM - 64 Effective from 28.05.2021
(Superseding FRSM - 63 Effective from 15.01.2021)

PRICE LIST

IE3

1. Smoke Venting Energy Efficient Totally Enclosed Fan Cooled (TEFC) Squirrel Cage Motors (IE3)

(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 '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	24500
0.55	0.75	S3BAX71MB2 IE3	27500
0.75	1.00	S3BAX80MC2 IE3	29000
1.10	1.50	S3BAX80MD2 IE3	36000
1.50	2.00	S3BAX90SB2 IE3	37000
2.20	3.00	S3BAX90SLA2 IE3	46500
3.70	5.00	S3BAX100LKB2 IE3	71000
5.50	7.50	S3BAX132SMA2 IE3	93500
7.50	10.00	S3BAX132SMB2 IE3	101500
9.30	12.50	S3BAX160 MLJ2 IE3	167000
11.00	15.00	S3BAX160 MLA2 IE3	176500
15.00	20.00	S3BAX160 MLB2 IE3	203500
18.50	25.00	S3BAX160 MLC2 IE3	254500
22.00	30.00	S3BAX180 MLA2 IE3	274500
30.00	40.00	S3BAX200 MLA2 IE3	405000
37.00	50.00	S3BAX200 MLB2 IE3	495500
45.00	60.00	S3BAX225 SMA2 IE3	637000
55.00	75.00	S3BAX250 SMA2 IE3	860500

FOUR POLE			
kW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX71MC4 IE3	25500
0.55	0.75	S3BAX80MC4 IE3	30000
0.75	1.00	S3BAX80MLA4 IE3	30500
1.10	1.50	S3BAX90SB4 IE3	36000
1.50	2.00	S3BAX90SLA4 IE3	41000
2.20	3.00	S3BAX100LB4 IE3	49500
3.70	5.00	S3BAX112MLA4 IE3	66500
5.50	7.50	S3BAX132SMA4 IE3	87500
7.50	10.00	S3BAX132MLA4 IE3	101500
9.30	12.50	S3BAX160 MLJ4 IE3	178000
11.00	15.00	S3BAX160 MLA4 IE3	180000
15.00	20.00	S3BAX160 MLB4 IE3	212000
18.50	25.00	S3BAX180 MLA4 IE3	276500
22.00	30.00	S3BAX180 MLB4 IE3	288500
30.00	40.00	S3BAX200 MLA4 IE3	389500
37.00	50.00	S3BAX225 SMA4 IE3	505000
45.00	60.00	S3BAX225 SMB4 IE3	597000
55.00	75.00	S3BAX250 SMA4 IE3	803000

SIX POLE			
KW	H.P	Frame size	Price (Rs)
0.37	0.50	S3BAX80MC6 IE3	30500
0.55	0.75	S3BAX80MLA6 IE3	31500
0.75	1.00	S3BAX90SLA6 IE3	36500
1.10	1.50	S3BAX90LB6 IE3	48000
1.50	2.00	S3BAX100LKA6 IE3	55500
2.20	3.00	S3BAX112MLA6 IE3	61000
3.70	5.00	S3BAX132SMB6 IE3	95000
5.50	7.50	S3BAX132MLA6 IE3	109000
7.50	10.00	S3BAX160 MLA6 IE3	167000
9.30	12.50	S3BAX160 MLJ6 IE3	212500
11.00	15.00	S3BAX160 MLB6 IE3	223500
15.00	20.00	S3BAX180 MLA6 IE3	265500
18.50	25.00	S3BAX200 MLA6 IE3	369000
22.00	30.00	S3BAX200 MLB6 IE3	382500
30.00	40.00	S3BAX225 SMA6 IE3	576000
37.00	50.00	S3BAX250 SMA6 IE3	810000

Type

Enclosure

Voltage +/- variation

Frequency +/- variation

Combined +/- variation

Mounting Reference

Altitude

Relative Humidity

Degree of Protection

Class of Insulation

Ambient Temp / Temp. Rise

Duty

Terminal Box

Connection / No. of leads

Direction of Rotation

Grease Type

Greasing arrangement

Cooling

Paint

Three phase squirrel cage induction motor

Totally enclosed fan cooled

415+/- 10%

50Hz +/- 5%

10% (Absolute Sum)

As per IEC 60072-1

Upto 1000 M

Upto 100%

IP55 as per IEC 60034-5

Class H

50 Deg C/ 70 Deg C

S1 / Continuous

Can be provided as optional*

Upto 2HP- 1no. 3 Core Flying lead of 1 meter length /

Above 2HP - 1no. 6 Core Flying lead of 1 meter length

Bi-directional

Lithium complex grease

Greased for Life, Sealed Bearings

IC411 (TEFC)

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, Mallechwaram West,
Bengaluru-560055



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. 5000/- 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
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 (frame wise)
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	RTD (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 17000/-Net Rs 22000/-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 8000/-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(Non sparking motors in ABB premises) per rating on one motor, with ERTL/KLPL and PESO certification ## Frame 71-250 Frame 280-355	Rs 180000/-Net Rs 210000/-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. ## For combined testing (Non sparking motors) 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 prescence of approved test house authority. 3. KLPL/ERTL and PESO certification will be implied.		