

Type	Power kW	Speed r/min	Efficiency%		Power factor COSφ	Current A (380V)		Torque			Sound dB(A)	Moment of inertia kg·m ²	Weight kg
			100% load	75% load		Rated current	L.C/R.C	R.T	L.T	M.T/R.T			
Syn. speed 3000r/min													
YFB4-63M1-2	0.18	2800	70.8	70.8	0.80	0.48	5.5	0.61	2.3	2.2	61	0.001	14
YFB4-63M2-2	0.25	2800	74.3	74.3	0.81	0.63	5.5	0.85	2.3	2.2	61	0.002	15
YFB4-71M1-2	0.37	2800	78.1	78.1	0.81	0.89	6.1	1.26	2.3	2.2	64	0.003	19.5
YFB4-71M2-2	0.55	2800	81.5	81.5	0.82	1.25	6.1	1.88	2.3	2.3	64	0.004	20.5
YFB4-80M1-2	0.75	2825	83.5	85.0	0.83	1.64	10	2.5	2.3	2.3	67	0.005	47.3
YFB4-80M2-2	1.1	2825	85.2	86.8	0.83	2.36	9.0	3.7	2.3	2.3	67	0.007	50.6
YFB4-90S-2	1.5	2840	86.5	87.6	0.84	3.14	9.0	5.0	2.3	2.3	72	0.009	57.2
YFB4-90L-2	2.2	2840	88.0	89.2	0.85	4.47	9.5	7.4	2.3	2.3	72	0.017	60.5
YFB4-100L-2	3	2880	89.1	89.7	0.87	5.88	9.5	9.9	2.3	2.3	76	0.030	78.1
YFB4-112M-2	4	2890	90.0	90.3	0.88	7.67	9.5	13.2	2.4	2.3	77	0.063	118.6
YFB4-132S1-2	5.5	2900	90.9	91.5	0.88	10.45	9.5	18.1	2.2	2.3	80	0.073	120
YFB4-132S2-2	7.5	2900	91.7	92.1	0.89	13.96	9.5	24.7	2.2	2.3	80	0.21	140
YFB4-160M1-2	11	2930	92.6	93.0	0.89	20.28	9.5	35.9	2.2	2.3	84	0.25	152
YFB4-160M2-2	15	2930	93.3	93.4	0.89	27.45	9.5	48.9	2.2	2.3	84	0.31	168
YFB4-160L-2	18.5	2930	93.7	93.8	0.89	33.71	9.5	60.3	2.2	2.3	84	0.37	230
YFB4-180M-2	22	2940	94.0	94.4	0.89	39.96	9.5	71.5	2.2	2.3	85	0.63	290
YFB4-200L1-2	30	2950	94.5	94.5	0.89	54.20	9	97.1	2.2	2.3	87	0.73	305

YFB4-200L2-2	37	2950	94.8	94.8	0.89	66.63	9	119.8	2.2	2.3	87	1.28	400
YFB4-225M-2	45	2970	95.0	95.1	0.89	80.87	9	144.7	2.2	2.3	89	1.55	420
YFB4-250M-2	55	2970	95.3	95.4	0.89	98.53	9	176.9	2.2	2.3	89	1.89	625
YFB4-280S-2	75	2970	95.6	95.6	0.89	133.93	8.5	241.2	2.0	2.3	91	2.02	900
YFB4-280M-2	90	2970	95.8	95.8	0.89	160.38	8.5	289.4	2.0	2.3	91	2.26	1100
YFB4-315S-2	110	2980	96.0	96.0	0.89	195.61	8.5	352.5	1.9	2.2	95	2.42	1160
YFB4-315M-2	132	2980	96.2	96.0	0.89	234.25	8.5	423	1.9	2.2	95	2.726	1350
YFB4-315L1-2	160	2980	96.3	96.2	0.9	280.49	8.5	512.8	1.9	2.2	95	3.22	1500
YFB4-315L-2	185	2980	96.5	96.3	0.9	323.65	8.5	592.9	1.9	2.2	95	3.41	1600
YFB4-315L2-2	200	2980	96.5	96.3	0.9	349.89	8.5	640.9	1.9	2.2	95	3.86	1690
YFB4-355S1-2	185	2980	96.5	96.3	0.9	323.65	8.5	592.9	1.9	2.2	95	4.82	1690
YFB4-355S2-2	200	2980	96.5	96.3	0.9	349.89	8.5	640.9	1.9	2.2	95	5.46	1840
YFB4-355M1-2	220	2980	96.5	96.3	0.9	384.88	8.5	705	1.8	2.2	103	6.22	2100
YFB4-355M2-2	250	2980	96.5	96.4	0.9	437.36	8.5	801.2	1.8	2.2	103	6.54	2260
YFB4-355L1-2	280	2980	96.5	96.4	0.87	506.73	8.5	897.3	1.8	2.2	103	6.95	2320
YFB4-355L2-2	315	2980	96.5	96.5	0.87	570.08	8.5	1009.5	1.8	2.2	103	7.06	2480
Syn. speed1500r/min													
YFB4-63M1-4	0.12	1380	69.8	69.8	0.72	0.36	4.4	0.83	2.3	2.2	52	0.002	14
YFB4-63M2-4	0.18	1380	74.7	74.7	0.73	0.5	4.4	1.25	2.3	2.2	52	0.003	15
YFB4-71M1-4	0.25	1380	77.9	77.9	0.74	0.66	5.2	1.73	2.3	2.2	55	0.005	19.5
YFB4-71M2-4	0.37	1380	81.1	81.1	0.75	0.92	5.2	2.56	2.3	2.2	55	0.006	20.5
YFB4-80M1-4	0.55	1390	84	84	0.75	1.33	10	3.8	2.3	2.3	58	0.007	43

YFB4-80M2-4	0.75	1390	85.7	85.6	0.75	1.77	8	5.2	2.3	2.3	58	0.012	46
YFB4-90S-4	1.1	1400	87.2	87.6	0.75	2.55	8.5	7.5	2.3	2.3	61	0.015	51
YFB4-90L-4	1.5	1400	88.2	88.1	0.75	3.45	8.5	10.2	2.3	2.3	61	0.031	55
YFB4-100L1-4	2.2	1420	89.5	89.7	0.80	4.66	9	14.8	2.3	2.3	64	0.039	71
YFB4-100L2-4	3	1420	90.4	90.5	0.81	6.23	9	20.2	2.3	2.3	64	0.059	98
YFB4-112M-4	4	1440	91.1	90.9	0.81	8.25	9	26.5	2.3	2.3	65	0.113	115
YFB4-132S-4	5.5	1440	91.9	92.1	0.81	11.2	9.5	36.5	2	2.3	71	0.167	120
YFB4-132M-4	7.5	1440	92.6	92.7	0.83	14.83	9.5	49.7	2	2.3	71	0.36	150
YFB4-160M-4	11	1460	93.3	93.7	0.85	21.01	9.5	72	2	2.3	74	0.42	168
YFB4-160L-4	15	1460	93.9	94	0.85	28.52	9.5	98.1	2	2.3	74	0.68	220
YFB4-180M-4	18.5	1470	94.2	94.3	0.86	34.66	9.5	120.2	2	2.3	77	0.72	290
YFB4-180L-4	22	1470	94.5	94.7	0.86	41.04	9.5	142.9	2	2.3	77	0.81	300
YFB4-200L-4	30	1470	94.9	95	0.87	55.15	9	194.9	2	2.3	80	1.21	400
YFB4-225S-4	37	1480	95.2	95.3	0.87	67.8	9	238.8	2	2.3	81	1.85	520
YFB4-225M-4	45	1480	95.4	95.6	0.87	82.21	9	290.4	2	2.3	81	2.32	560
YFB4-250M-4	55	1480	95.7	95.8	0.88	99.12	9	354.9	2	2.3	82	2.86	665
YFB4-280S-4	75	1480	96	96	0.88	134.89	8.5	484	2	2.3	85	3.34	780
YFB4-280M-4	90	1485	96.1	96.2	0.89	159.72	8.5	578.8	2	2.3	85	4.68	1150
YFB4-315S-4	110	1485	96.3	96.4	0.89	194.8	8.5	707.4	2	2.2	91	4.96	1200
YFB4-315M-4	132	1485	96.4	96.5	0.89	233.52	8.5	848.9	2	2.2	91	5.22	1320
YFB4-315L1-4	160	1485	96.6	96.5	0.89	283.06	8.5	1029	2	2.2	91	5.43	1420
YFB4-315L-4	185	1485	96.7	96.6	0.89	326.94	8.5	1189.7	2	2.2	91	5.62	1500

YFB4-315L2-4	200	1485	96.7	96.6	0.89	353.45	8.5	1286.2	2	2.2	91	6.45	1700
YFB4-355S1-4	185	1488	96.7	96.6	0.89	326.94	8.5	1187.3	2	2.2	91	6.56	1800
YFB4-355S2-4	200	1488	96.7	96.6	0.89	353.45	8.5	1283.6	2	2.2	91	6.88	1830
YFB4-355M1-4	220	1488	96.7	96.6	0.89	388.8	8.5	1412	2	2.2	101	7.22	1940
YFB4-355M2-4	250	1488	96.7	96.7	0.89	441.36	8.5	1604.5	2	2.2	101	7.46	2080
YFB4-355I1-4	280	1488	96.7	96.7	0.89	494.32	8.5	1797	2	2.2	101	7.68	2260
YFB4-355L2-4	315	1488	96.7	96.8	0.89	555.54	8.5	2021.7	2	2.2	101	7.8	2280
Syn. speed1000r/min													
YFB4-71M1-6	0.18	910	70.1	70.1	0.66	0.59	4	1.89	1.9	2	52	0.005	19.5
YFB4-71M2-6	0.25	910	74.1	74.1	0.68	0.75	4	2.62	1.9	2	52	0.006	20.5
YFB4-80M1-6	0.37	910	78.1	78.1	0.70	1.03	10	3.9	1.9	2	54	0.007	46
YFB4-80M2-6	0.55	910	80.9	80.9	0.72	1.43	9	5.8	1.9	2.1	54	0.012	50.2
YFB4-90S-6	0.75	910	83.3	83.3	0.72	1.9	8.5	7.9	2.1	2.1	57	0.015	56.2
YFB4-90L-6	1.1	910	84.5	84.1	0.73	2.72	7.8	11.5	2.1	2.1	57	0.031	60.5
YFB4-100L-6	1.5	940	85.9	86.2	0.74	3.57	8	15.2	2.1	2.1	61	0.043	78.1
YFB4-112M-6	2.2	940	87.4	87.2	0.74	5.19	8	22.4	2.1	2.1	65	0.42	118.6
YFB4-132S-6	3	960	88.6	88.7	0.74	6.94	7.5	29.8	2	2.1	69	0.68	120
YFB4-132M1-6	4	960	89.5	89.7	0.74	9.16	8	39.8	2	2.1	69	0.072	130
YFB4-132M2-6	5.5	960	90.5	89.5	0.75	12.45	8	54.7	2	2.1	69	0.81	154
YFB4-160M-6	7.5	970	91.3	90.3	0.78	16.2	8	73.8	2.1	2.1	70	1.21	176
YFB4-160L-6	11	970	92.3	91.5	0.78	23.42	8.5	108.3	2.1	2.1	70	1.32	225
YFB4-180L-6	15	970	92.9	92.5	0.81	30.42	8.5	147.7	2	2.1	70	1.62	290

YFB4-200L1-6	18.5	970	93.4	93.2	0.81	37.27	8.5	182.1	2.1	2.1	O	1.84	315
YFB4-200L2-6	22	970	93.7	93.9	0.81	43.41	8.5	216.6	2.1	2.1	76	2.43	410
YFB4-225M-6	30	980	94.2	94.3	0.81	59.68	8.5	292.3	2	2.1	76	2.68	450
YFB4-250M-6	37	980	94.5	94.7	0.84	70.75	8.5	360.6	2.1	2.1	78	3.46	635
YFB4-280S-6	45	980	94.8	94.9	0.86	83.78	8.5	438.5	2.1	2	80	3.97	730
YFB4-280M-6	55	980	95.1	95.2	0.86	102.07	8.5	536	2	2	80	4.57	1080
YFB4-315S-6	75	985	95.4	95.5	0.85	140.53	8	727.2	2	2	85	4.83	1140
YFB4-315M-6	90	985	95.6	95.6	0.85	170.28	8	872.6	2	2	85	5.32	1310
YFB4-315L1-6	110	985	95.8	95.6	0.85	205.68	8	1066.5	2	2	85	5.95	1400
YFB4-315L2-6	132	985	96	95.8	0.86	243.43	8	1279.8	2	2	85	7.32	1650
YFB4-355S-6	160	985	96.2	96.1	0.86	294.45	8	1551.3	1.9	2	91	7.89	1760
YFB4-355M1-6	185	985	96.3	96.1	0.86	340.11	8	1793.7	1.9	2	91	8.17	1970
YFB4-355M2-6	200	985	96.3	96.1	0.86	367.69	8	1939.1	1.9	2	91	8.25	2140
YFB4-355L1-6	220	985	96.5	96.1	0.86	404.45	8	2133	1.9	2	91	8.36	2250
YFB4-355L2-6	250	985	96.5	96.1	0.86	459.61	8	2423.9	1.9	2	91	8.38	2280
YFB4-80M1-8	0.18	710	67.2	67.2	0.61	0.67	7.5	2.4	1.8	1.9	52	0.007	46.0
YFB4-80M2-8	0.25	710	70.8	70.8	0.61	0.88	7.9	3.4	1.8	1.9	52	0.012	50.2
YFB4-90S-8	0.37	710	74.3	74.3	0.62	1.24	8.3	5.0	1.8	1.9	56	0.015	56.2
YFB4-90L-8	0.55	710	77.0	77.0	0.63	1.78	7.4	7.4	1.8	2.0	56	0.031	60.5
YFB4-100L1-8	0.75	710	78.4	78.4	0.67	2.17	7.4	10.1	1.8	2.0	59	0.043	78.1
YFB4-100L2-8	1.1	710	80.8	80.8	0.68	3.04	7.1	14.8	1.8	2.0	59	0.045	118.6
YFB4-112M-8	1.5	710	82.6	82.6	0.70	3.94	7.2	20.2	1.8	2.0	61	0.28	110

YFB4-132S-8	2.2	710	84.5	84.5	0.70	5.65	7.4	29.6	1.8	2.0	64	0.3	120
YFB4-132M-8	3	710	85.9	85.9	0.73	7.27	7.8	40.4	1.8	2.0	64	0.32	132
YFB4-160M1-8	4	720	87.1	87.1	0.73	9.56	7.9	53.1	1.9	2.0	68	0.46	144
YFB4-160M2-8	5.5	720	88.3	88.3	0.74	12.79	8.1	73	1.9	2.0	68	0.61	175
YFB4-160L-8	7.5	720	89.3	89.3	0.74	17.24	7.8	99.5	1.9	2.0	68	1.06	225
YFB4-180L-8	11	730	90.4	90.4	0.74	24.98	7.9	143.9	2.0	2.0	70	1.6	300
YFB4-200L-8	15	730	91.2	91.2	0.75	33.32	8.0	196.2	2.0	2.0	73	2.28	375
YFB4-225S-8	18.5	730	91.7	91.7	0.75	40.87	8.0	242	1.9	2.0	73	2.74	430
YFB4-225M-8	22	730	92.1	92.1	0.76	47.75	8.3	287.8	1.9	2.0	73	3.67	450
YFB4-250M-8	30	730	92.7	92.7	0.77	63.86	7.8	392.5	1.9	2.0	75	5.16	605
YFB4-280S-8	37	740	93.1	93.1	0.78	77.42	7.9	477.5	1.9	2.0	76	5.82	700
YFB4-280M-8	45	740	93.4	93.4	0.78	93.85	7.9	580.7	1.9	2.0	76	6.74	920
YFB4-315S-8	55	740	93.7	93.7	0.80	111.48	8.1	709.8	1.8	2.0	82	7.35	1100
YFB4-315M-8	75	740	94.2	94.2	0.80	151.21	7.6	967.9	1.8	2.0	82	8.79	1120
YFB4-315L1-8	90	740	94.4	94.4	0.81	178.84	7.7	1161.5	1.8	2.0	82	9.18	1300
YFB4-315L2-8	110	740	94.7	94.7	0.81	217.88	7.7	1419.6	1.8	2.0	82	10.19	1640
YFB4-355S-8	132	740	94.9	94.9	0.81	260.91	7.7	1703.5	1.8	2.0	89	11.24	1820
YFB4-355M-8	160	740	95.1	95.1	0.82	311.74	7.8	2064.9	1.8	2.0	89	12.48	2100
YFB4-355L1-8	185	740	95.2	95.2	0.82	360.07	7.8	2387.5	1.8	2.0	89	13.56	2200
YFB4-355L2-8	200	740	95.4	95.4	0.82	388.45	7.8	2581.1	1.8	2.0	89	13.72	2300

When the voltage U is not 380V, the current $I=I_N*380/U$, and the other parameters remain unchanged.

Note:

The attached table shows the noise parameter values at 50Hz. For motors with a rated frequency of 60Hz, the no-load noise value of 2-pole motors with frame sizes of 200~355 is the corresponding value in the table plus 6dB(A), and the no-load noise value of motors with other pole numbers is the corresponding value in the table plus 5dB(A).

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