ABB QABP series frequency converter induction motor

Model : ABB QABP series

Packing : wooden box

Gross weight : attached below

Brand : ABB

Payment term : T/T at sight

Shipping : by sea

Delivery time : 30 working days

MOQ : 1 set

ABB 3-phase induction motor with frequency converter velocity moduration

Detailed

ABB has one of the widest ranges of low voltage AC motors on the market. Combined with GLC Controls' logistics network, support and expertise, most industrial AC motor needs can be met. Low voltage AC motors are available for many applications and environments:

Frequency converter Performance Motors – Best suited for applications where simplicity and off-the-shelf availability are important. With ABB quality and support, these motors have the features appreciated by volume customers and serial OEM's. Motors are of EFF2 efficiency.

2 Pole

400V 50Hz

Type designation	Product code	Output kW	Speed r/min	Efficiency		PF	Current		Torque		
				full load 100% η	3/4 75% η	cosΦ	IN A	IS/IN	TN Nm	TS/TN	TMAX/TN
QABP 71M2A	3GQA 071301-	0.37	2780	70.0	68.0	0.82	0.94	6.1	1.27	2.2	2.2
QABP 71M2B	3GQA 071302-	0.55	2785	73.0	72.4	0.82	1.33	6.1	1.89	2.2	2.2
QABP 80M2A	3GQA 081301-	0.75	2840	75.0	75.5	0.85	1.70	6.1	2.52	2.2	2.2
QABP 80M2A	3GQA 081302-	1.1	2855	78.0	77.9	0.85	2.40	7.0	3.68	2.2	2.2
QABP 90S2A	3GQA 091101-	1.5	2850	79.0	79.0	0.87	3.15	7.0	5.03	2.2	2.2
QABP 90L2A	3GQA 091501-	2.2	2850	81.5	81.8	0.86	4.53	7.0	7.37	2.2	2.2
QABP 100L2A	3GQA 101501-	3	2860	83.0	83.2	0.88	5.93	7.0	10.02	2.2	2.2
QABP 112M2A	3GQA 111301-	4	2900	85.0	84.6	0.90	7.55	7.0	13.17	2.2	2.2
QABP 132S2A	3GQA 131101-	5.5	2920	87.5	87.9	0.89	10.20	7.0	17.99	2.2	2.2

QABP 132S2B	3GQA 131102-	7.5	2920	88.5	90.1	0.90	13.60	7.0	24.53	2.2	2.2
QABP 160M2A	3GQA 161301-	11	2930	90.0	90.5	0.89	19.82	6.5	35.85	2.2	2.2
QABP 160M2B	3GQA 161302-	15	2920	90.0	90.1	0.89	27.03	6.5	49.06	2.5	3.2
QABP 160L2A	3GQA 161501-	18.5	2930	90.5	90.9	0.90	32.78	6.5	60.30	2.2	2.2
QABP 180M2A	3GQA 181301-	22	2940	90.8	91.0	0.90	38.86	6.5	71.46	2.2	2.2
QABP 200L2A	3GQA 201501-	30	2955	91.4	91.1	0.90	52.64	6.5	96.95	2.2	2.2
QABP 200L2B	3GQA 201502-	37	2955	92.2	91.8	0.90	64.36	6.5	119.60	2.3	2.7
QABP 225M2A	3GQA 201301-	45	2970	92.6	92.2	0.89	78.81	7.0	144.70	2.5	2.8
QABP 250M2A	3GQA 221301-	55	2960	93.4	91.7	0.89	95.50	7.5	177.40	2.4	3.0
QABP 280S2A	3GQA 281101-	75	2970	94.0	92.3	0.90	128.00	7.5	241.00	2.2	2.2
QABP 280M2A	3GQA 281301-	90	2970	94.3	92.4	0.90	153.00	7.5	289.20	2.2	2.2
QABP 315S2A	3GQA 311101-	110	2980	94.0	92.2	0.91	185.60	7.1	352.50	2.2	2.2
QABP 315M2A	3GQA 311101-	132	2980	94.5	93.0	0.91	221.60	7.1	423.00	1.8	2.2
QABP 315L2A	3GQA 311501-	160	2978	94.8	93.5	0.92	265.40	7.2	512.90	1.8	2.2
QABP 315L2B	3GQA 311502-	200	2978	94.8	94.0	0.92	331.00	7.2	641.40	1.8	2.2
QABP 355M2A	3GQA 351301-	250	2980	95.4	94.5	0.92	411.10	7.1	802.00	2.3	2.8
QABP 355L2A	3GQA 351501-	315	2980	96.0	95.3	0.92	515.00	6.9	1011.00	2.0	2.8

4 Pole

400V 50Hz

Type designation	Product code	Output kW	Speed r/min	Efficiency		PF	Current		Torque		
				full load	3/4	cosΦ	IN		TN		
				100% η	75% η		A	IS/IN	Nm	TS/TN	TMAX/TN
QABP 71M4A	3GQA 072301-	0.25	1395	65.5	63.3	0.72	0.77	5.2	1.71	2.1	2.0
QABP 71M4B	3GQA 072302-	0.37	1395	68.5	69.4	0.75	1.04	5.2	2.53	2.1	2.0
QABP 80M4A	3GQA 082301-	0.55	1410	73.5	71.4	0.72	1.50	5.2	3.73	2.4	2.0
QABP 80M4B	3GQA 082302-	0.75	1415	74.5	75.2	0.76	1.92	6.0	5.06	2.4	2.2
QABP 90S4A	3GQA 092101-	1.1	1400	77.5	77.8	0.78	2.64	6.0	7.50	2.3	2.2
QABP 90L4A	3GQA 092501-	1.5	1390	78.5	79.2	0.79	3.50	6.0	10.31	2.3	2.2
QABP 100L4A	3GQA 102501-	2.2	1430	81.5	82.3	0.81	4.85	6.0	14.69	2.3	2.2
QABP 100L4B	3GQA 102502-	3	1420	82.8	82.5	0.83	6.30	6.5	20.18	2.3	2.2
QABP 112M4A	3GQA 112301-	4	1430	85.0	84.6	0.82	8.29	6.5	26.71	2.3	2.2
QABP 132S4A	3GQA 132101-	5.5	1430	86.0	87.1	0.85	10.90	6.5	36.73	2.3	2.2
QABP 132M4A	3GQA 132301-	7.5	1440	88.5	88.3	0.85	14.40	6.5	49.74	2.3	2.2
QABP 160M4A	3GQA 162301-	11	1460	89.5	90.0	0.85	20.87	6.5	71.95	2.4	2.8
QABP 160L4A	3GQA 162501-	15	1460	90.0	90.4	0.86	27.97	6.5	98.12	2.3	2.4
QABP 180M4A	3GQA 182301-	18.5	1470	91.0	90.9	0.86	34.12	6.5	120.20	2.3	3.0
QABP 180L4A	3GQA 182501-	22	1470	91.0	90.9	0.86	34.12	6.5	120.20	2.3	3.0
QABP 200L4A	3GQA 202501-	30	1470	92.2	91.8	0.88	53.37	6.5	194.90	2.2	2.8
QABP 225S4A	3GQA 222101-	37	1480	92.6	91.2	0.85	67.85	7.0	238.80	2.2	2.8
QABP 225M4A	3GQA 222301-	45	1480	92.8	91.7	0.87	80.45	7.0	290.40	2.2	2.8
QABP 250M4A	3GQA 252301-	55	1480	93.4	91.3	0.87	97.70	7.0	354.90	2.4	3.0
QABP 280S4A	3GQA 282101-	75	1480	94.0	93.9	0.87	132.40	6.5	484.00	2.4	2.6
QABP 280M4A	3GQA 282301-	90	1480	94.3	94.6	0.87	158.30	7.2	580.70	2.3	2.8
QABP 315S4A	3GQA 312101-	110	1485	94.5	93.5	0.88	191.00	6.9	706.90	2.1	2.2
QABP 315M4A	3GQA 312301-	132	1485	94.8	94.0	0.88	229.00	6.9	848.30	2.1	2.2
QABP 315L4B	3GQA 312501-	160	1485	94.9	94.5	0.89	273.00	6.9	1029.00	2.1	2.2
QABP 315L4B	3GQA 312502-	200	1485	95.0	94.2	0.89	341.00	6.9	1286.00	2.1	2.2
QABP 355M4A	3GQA 352301-	250	1490	95.3	94.5	0.90	420.70	6.9	1594.00	2.1	2.6
QABP 355L4A	3GQA 352501-	315	1490	95.6	94.83	0.9	528.4	7	2008	2.1	2.3

6 Pole

400V 50Hz

Type designation	Product code	Output kW	Speed r/min	Efficiency		PF	Current		Torque		
				full load	3/4	cosΦ	IN		TN		
				100% η	75% η		A	IS/IN	Nm	TS/TN	TMAX/TN

QABP 71M6A	3GQA 073301-	0.18	910	55.0	50.06	0.65	0.73	4.0	1.89	1.8	1.8
QABP 71M6B	3GQA 073302-	0.25	890	60.0	58.32	0.65	0.93	4.0	2.68	1.8	1.8
QABP 80M6A	3GQA 083301-	0.37	930	63.0	63.22	0.66	1.29	5.0	3.80	1.9	1.8
QABP 80M6B	3GQA 083302-	0.55	925	65.0	65.08	0.68	1.80	5.0	5.68	1.9	1.8
QABP 90S6A	3GQA 093101-	0.75	920	71.0	70.22	0.72	2.12	5.0	7.79	2.0	2.2
QABP 90L6A	3GQA 093501-	1.1	920	73.0	73.06	0.74	2.94	5.0	11.42	2.0	2.2
QABP 100L6	3GQA 103501-	1.5	940	76.0	75.28	0.77	3.72	5.5	15.24	2.0	2.2
QABP 112M6	3GQA 113301-	2.2	940	80.0	81.16	0.76	5.23	5.5	22.35	2.0	2.2
QABP 132S6A	3GQA 133101-	3	960	82.5	83.55	0.78	6.73	6.5	29.84	2.0	2.2
QABP 132M6A	3GQA 133301-	4	960	84.0	84.18	0.77	8.93	6.5	39.79	2.0	2.2
QABP 132M6B	3GQA 133302-	5.5	960	86.0	85.63	0.79	11.68	6.5	54.71	2.0	2.2
QABP 160M6A	3GQA 163301-	7.5	970	88.0	85.28	0.78	15.77	6.0	73.84	2.0	2.3
QABP 160L6A	3GQA 163501-	11	970	88.5	88.56	0.78	23.00	6.0	108.30	2.2	2.3
QABP 180L6A	3GQA 183501-	15	980	89.0	89.12	0.82	29.67	6.0	146.20	2.3	2.8
QABP 200L6A	3GQA 203501-	18.5	980	90.3	90.22	0.82	36.06	6.0	180.30	2.2	2.8
QABP 200L6B	3GQA 203502-	22	980	90.4	90.32	0.83	42.32	6.0	214.40	2.1	2.8
QABP 225M6A	3GQA 223301-	30	980	91.5	89.20	0.78	60.67	6.6	292.30	2.2	2.8
QABP 250M6A	3GQA 253301-	37	980	92.2	92.40	0.88	65.80	6.8	360.60	2.3	2.8
QABP 280S6A	3GQA 283101-	45	980	92.6	91.30	0.86	81.56	6.5	437.60	2.3	2.4
QABP 280M6A	3GQA 283301-	55	980	93.0	91.20	0.87	98.10	7.0	534.90	2.3	2.5
QABP 315S6A	3GQA 313101-	75	990	93.5	93.21	0.86	135.00	7.4	723.50	2.0	2.0
QABP 315M6A	3GQA 313301-	90	990	93.8	91.86	0.86	162.00	7.4	868.20	2.0	2.0
QABP 315L6A	3GQA 313501-	110	990	94.3	93.52	0.87	194.00	6.8	1061.10	2.0	2.0
QABP 315L6B	3GQA 313502-	132	990	94.2	93.82	0.87	232.50	6.8	1273.30	2.0	2.0
QABP 355M6A	3GQA 353301-	*160	990	94.7	93.85	0.89	274.00	6.8	1530.00	2.1	2.4
QABP 355M6B	3GQA 353302-	*200	990	94.7	93.95	0.89	342.5	6.7	1913	2.0	2.3
QABP 355L6A	3GQA 353501-	*250	990	94.9	94.15	0.88	432.1	6.7	2391	2.0	2.3

8 Pole

400V 50Hz

Type designation	Product code	Output kW	Speed r/min	Efficiency		PF	Current		Torque		
				full load	3/4	cosΦ	IN		TN		
				100% η	75% η		A	IS/IN	Nm	TS/TN	TMAX/TN
QABP 80M8A	3GQA 084301-	0.18	700	51.0	50.12	0.600	0.85	3.3	2.46	1.8	1.9
QABP 80M8B	3GQA 084302-	0.25	700	54.5	53.28	0.600	1.10	3.6	3.41	1.8	1.9
QABP 90S8A	3GQA 094101-	0.37	700	62.5	62.07	0.605	1.41	4.4	5.05	1.8	1.9
QABP 90L8A	3GQA 094501-	0.55	700	63.5	63.34	0.605	2.07	4.7	7.50	1.8	2.0
QABP 100L8A	3GQA 104501-	0.75	700	70.0	70.08	0.640	2.42	5.0	10.23	1.8	2.0
QABP 100L8B	3GQA 104502-	1.1	700	71.5	70.28	0.645	3.45	5.0	15.01	1.8	2.0
QABP 112M8A	3GQA 114301-	1.5	700	75.0	75.39	0.675	4.28	5.0	20.46	1.8	2.0
QABP132S8A	3GQA 134101-	2.2	710	81.0	81.78	0.700	5.60	5.5	29.59	1.8	2.0
QABP 132M8A	3GQA 134102-	3	710	81.0	81.38	0.750	7.13	5.5	40.35	1.8	2.0
QABP 160M8A	3GQA 164301-	4	720	84.0	83.98	0.730	9.42	5.5	53.06	2.1	2.5
QABP 160M8B	3GQA 164302-	5.5	720	85.5	95.62	0.740	12.55	5.5	72.95	2.1	2.5
QABP 160L8A	3GQA 164501-	7.5	720	86.5	85.82	0.740	16.91	5.5	99.50	2.1	2.5
QABP 180L8A	3GQA 184501	11	730	87.7	86.96	0.770	23.51	5.4	143.90	2.0	2.8
QABP 200L8A	3GQA 204501-	15	730	89.0	89.38	0.760	32.01	5.5	196.20	2.3	2.8
QABP 225S8A	3GQA 224101-	18.5	740	90.0	89.12	0.750	39.56	5.5	238.80	2.1	2.8
QABP 225M8A	3GQA 224301-	22	740	90.5	89.60	0.750	46.78	6.0	283.90	2.2	2.8
QABP 250M8A	3GQA 254301-	30	740	91.3	90.10	0.790	60.00	6.5	387.20	2.3	2.6
QABP 280S8A	3GQA 284101-	37	740	91.8	91.70	0.790	73.60	6.0	477.50	2.1	2.6
QABP 280M8A	3GQA 284301-	45	740	92.4	91.10	0.790	88.98	6.0	580.70	2.1	2.7
QABP 315S8A	3GQA 314101-	55	740	92.8	91.52	0.820	104.30	6.9	709.80	1.8	2.0
QABP 315M8A	3GQA 314301-	75	740	93.0	91.93	0.820	142.00	7.0	967.90	1.8	2.0
QABP 315L8A	3GQA 314501-	90	740	93.8	93.22	0.820	168.90	7.1	1161.5	1.8	2.0
QABP 315L8B	3GQA 314502-	110	740	94.0	92.38	0.820	206.00	6.4	1419.6	1.8	2.0

A	B	D	E	F	H
380V Y 50Hz	380V △50Hz	380~420V △50Hz 660~690V Y50Hz 440~480V △60Hz	500V△50Hz 575V△60Hz	500V△50Hz 575V△60Hz	415V△50Hz

S T	U	X	480V not stamped
220~240V △50Hz 660V △50Hz 380~420V Y50Hz 440~480V △60Hz	690V △50Hz	Other rated voltage connection or frequency max,690V	on sizes 160-355

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Череповец (8202)49-02-64
Чита (3022)38-34-83
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Ярославль (4852)69-52-93

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