BAX-BMX-SMX

IE3 - 50 Hz

Series	Motor type	Power		RPM	In (A) 400 V 50 Hz	Cn (Nm)	Ca / Cn	Ia / In	100%		75%		50%	
		Hp	kW						Eff.	cos φ	Eff.	cos φ	Eff.	cos φ
2 pole - 3000 RPM														
BAHX-BMX-SMX	80 A2	1.0	0.75	2845	1.55	2.52	4.3	7.5	80.7	0.81	81.0	0.75	79.0	0.62
BAHX-BMX-SMX	80 B2	1.5	1.10	2870	2.40	3.66	4.3	7.5	82.7	0.81	83.0	0.73	80.9	0.58
BAHX-BMX-SMX	90 SA2	2.0	1.50	2890	3.15	4.96	4.2	9.5	84.6	0.81	85.1	0.73	82.8	0.58
BAHX-BMX-SMX	90 LA2	3.0	2.20	2870	4.50	7.32	4.2	9.7	85.9	0.83	86.4	0.75	84.1	0.60
BAHX-BMX-SMX	100 LB2	4.0	3.00	2900	6.00	9.88	4.5	10.9	87.1	0.83	87.1	0.75	85.3	0.60
BAHX-BMX-SMX	112 MC2	5.5	4.00	2945	7.80	13.00	4.6	10.9	88.1	0.84	88.1	0.76	86.3	0.61
BAHX-BMX-SMX	132 SA2	7.5	5.50	2940	10.80	17.90	4.5	10.9	89.2	0.82	89.6	0.74	87.4	0.59
BAHX-BMX-SMX	132 SB2	10.0	7.50	2940	14.25	24.40	4.5	10.9	91.0	0.82	91.3	0.76	89.6	0.64
BAHX-BMX-SMX	160 MA2	15.0	11.0	2945	20.40	35.70	4.5	11.6	91.7	0.85	91.9	0.80	90.0	0.78
BAHX-BMX-SMX	160 MB2	20.0	15.0	2950	26.90	48.60	4.6	11.8	91.9	0.89	92.0	0.85	90.7	0.80
BAHX-BMX-SMX	160 LA2	25.0	18.5	2955	33.70	59.80	4.6	10.7	92.6	0.86	92.6	0.81	91.6	0.71
BAHX-BMX-SMX	180 LA2	30.0	22.0	2955	38.10	71.10	4.6	11.0	92.7	0.90	92.7	0.87	91.7	0.81
BAHX-BMX-SMX	200 LA2	40.0	30.0	2955	51.65	97.00	4.7	11.2	93.4	0.90	93.5	0.87	92.3	0.81
BAHX-BMX-SMX	200 LB2	50.0	37.0	2955	62.70	119.60	4.7	11.2	93.9	0.91	94.0	0.85	92.1	0.80
4 pole - 1500 RPM														
BAX-BMX-SMX	80 B4	1.0	0.75	1415	2.00	5.06	3.3	5.8	82.5	0.67	82.8	0.60	81.2	0.47
BAX-BMX-SMX	90 SA4	1.5	1.10	1425	2.50	7.37	3.3	6.1	84.1	0.76	84.6	0.67	82.6	0.53
BAX-BMX-SMX	90 LA4	2.0	1.50	1430	3.30	10.00	3.5	6.3	85.3	0.78	85.8	0.69	83.8	0.55
BAX-BMX-SMX	100 LA4	3.0	2.20	1445	4.60	14.50	3.3	7.0	87.0	0.80	87.5	0.71	85.5	0.57
BAX-BMX-SMX	112 MB4	4.0	3.00	1455	6.60	19.70	3.4	7.0	87.7	0.75	87.8	0.66	85.8	0.52
BAX-BMX-SMX	112 MC4	5.5	4.00	1455	8.40	26.30	3.3	8.0	88.6	0.78	88.7	0.69	86.7	0.55
BAX-BMX-SMX	132 SB4	7.5	5.50	1457	11.10	36.00	3.1	7.8	89.6	0.80	90.0	0.71	89.3	0.57
BAX-BMX-SMX	132 MA4	10.0	7.50	1457	14.90	49.20	3.1	7.8	90.4	0.81	90.7	0.73	90.2	0.61
BAX-BMX-SMX	160 MB4	15.0	11.0	1470	21.20	71.50	3.8	9.1	91.4	0.78	91.6	0.71	91.0	0.59
BAX-BMX-SMX	160 LA4	20.0	15.0	1470	30.20	97.40	3.5	9.1	92.1	0.78	92.3	0.71	91.8	0.59
BAX-BMX-SMX	180 LA4	25.0	18.5	1475	37.10	119.80	3.5	9.1	92.6	0.78	92.6	0.72	91.6	0.59
BAX-BMX-SMX	180 LB4	30.0	22.0	1475	41.70	142.40	3.5	9.1	93.0	0.82	93.0	0.73	92.0	0.68
BAX-BMX-SMX	200 LB4	40.0	30.0	1475	53.20	194.20	3.3	9.0	93.6	0.87	93.7	0.78	91.6	0.73
BAHX-BMX-SMX	225 S4	50.0	37.0	1480	66.20	238.70	2.7	8.5	93.9	0.86	94.4	0.77	91.9	0.72
BAHX-BMX-SMX	225 M4	60.0	45.0	1480	79.30	290.40	2.8	8.8	94.2	0.87	94.7	0.78	92.2	0.73
BAHX-BMX-SMX	250 M4	75.0	55.0	1480	96.60	354.90	3.2	9.8	94.6	0.87	95.1	0.78	92.6	0.73
BAHX-BMX-SMX	280 S4	100.0	75.0	1488	136.40	481.30	2.4	8.0	95.4	0.83	95.5	0.79	95.0	0.69
BAHX-BMX-SMX	280 M4	120.0	90.0	1488	160.70	577.60	2.6	9.6	95.2	0.85	95.5	0.76	93.2	0.71
6 pole - 1000 RPM														
BAX-BMX-SMX	90 SA6	1.0	0.75	935	2.10	7.70	2.5	5.5	79.0	0.66	79.4	0.57	77.2	0.52
BAX-BMX-SMX	90 LA6	1.5	1.10	935	3.30	11.20	2.8	5.6	81.0	0.60	81.4	0.51	79.2	0.46
BAX-BMX-SMX	100 LA6	2.0	1.50	955	4.20	15.00	3.0	5.3	82.5	0.62	82.9	0.53	80.7	0.48
BAX-BMX-SMX	112 MC6	3.0	2.20	960	5.00	21.90	2.4	6.4	84.3	0.75	84.4	0.66	82.5	0.61
BAX-BMX-SMX	132 SB6	4.0	3.00	965	6.80	29.70	3.1	8.1	85.6	0.75	85.8	0.66	83.8	0.61
BAX-BMX-SMX	132 MA6	5.5	4.00	965	9.20	39.60	2.8	7.8	87.1	0.72	87.3	0.63	85.7	0.50
BAX-BMX-SMX	132 MB6	7.5	5.50	965	12.50	54.40	2.8	7.8	88.0	0.72	88.2	0.63	86.6	0.50
BAX-BMX-SMX	160 MB6	10.0	7.50	965	15.80	74.20	2.7	9.1	89.1	0.77	89.3	0.68	87.3	0.63
BAX-BMX-SMX	160 LB6	15.0	11.0	965	22.90	108.90	2.7	9.1	90.3	0.77	90.5	0.68	88.5	0.63
BAX-BMX-SMX	180 LB6	20.0	15.0	970	31.30	147.70	2.8	9.4	91.2	0.76	91.2	0.67	90.0	0.54
BAX-BMX-SMX	200 LA6	25.0	18.5	980	37.40	180.30	3.7	8.6	91.7	0.80	91.8	0.71	89.9	0.58
BAX-BMX-SMX	200 LB6	30.0	22.0	975	43.10	215.50	3.1	7.3	92.2	0.80	92.3	0.71	90.4	0.58
BAHX-BMX-SMX	225 M6	40.0	30.0	980	55.60	292.30	3.2	7.8	92.9	0.84	93.0	0.75	91.1	0.62
BAHX-BMX-SMX	250 M6	50.0	37.0	980	68.20	360.50	3.2	7.9	93.3	0.84	93.4	0.75	91.5	0.62
BAHX-BMX-SMX	280 S6	60.0	45.0	985	81.60	436.30	3.2	7.6	93.7	0.85	93.8	0.76	91.9	0.63
BAHX-BMX-SMX	280 M6	75.0	55.0	985	99.40	533.20	3.0	7.2	94.1	0.85	94.2	0.76	92.3	0.63