

Електрически данни (50Hz) Ефективност IE1- 2 полюса

Electrical data (50Hz) Efficiency IE1- 2 poles

Frame size	Power (KW)	Current (A)			Current (A)			Current (A)			rpm. (r/min)	eff. (%)	Power factor (Cosφ)	Cs/ Cn	Cmax/ Cn	Cn (nm)	is/in	dB(A)	Weight
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
MS 561-2	0.09	0.66	0.38	0.22	0.62	0.36	0.21	0.60	0.35	0.20	2710	53	0.72	2.2	2.3	0,502	4	58	2.60
MS 562-2	0.12	0.73	0.42	0.24	0.69	0.40	0.23	0.67	0.39	0.22	2700	61	0.72	2.2	2.3	0,534	4	58	3.00
MS 563-2	0.18	1.00	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31	2710	63	0.75	2.2	2.4	0,642	6	61	4.00
MS 631-2	0.18	1.00	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31	2710	63	0.75	2.2	2.4	0,641	6	61	4.00
MS 632-2	0.25	1.29	0.75	0.43	1.23	0.71	0.41	1.19	0.69	0.40	2710	65	0.78	2.2	2.4	0,884	6	61	4.20
MS 633-2	0.37	1.92	1.11	0.64	1.82	1.05	0.61	1.76	1.02	0.59	2710	65	0.78	2.2	2.4	1,261	6	62	4.70
MS 711-2	0.37	1.76	1.02	0.59	1.67	0.97	0.56	1.61	0.93	0.54	2730	70	0.79	2.2	2.4	1,262	6	64	5.20
MS 712-2	0.55	2.57	1.49	0.86	2.45	1.42	0.82	2.36	1.36	0.79	2760	71	0.79	2.2	2.4	1,869	6	64	6.00
MS 713-2	0.75	3.33	1.93	1.11	3.18	1.83	1.06	3.06	1.77	1.02	2730	72	0.82	2.2	2.4	2,54	6	65	7.00
MS 801-2	0.75	3.21	1.86	1.07	3.06	1.77	1.02	2.94	1.70	0.98	2770	73	0.84	2.2	2.4	2,54	6	67	8.70
MS 802-2	1.1	4.56	2.64	1.52	4.35	2.51	1.45	4.18	2.42	1.39	2770	76.2	0.83	2.2	2.4	3,72	6	67	10.00
MS 803-2	1.5	6.04	3.50	2.01	5.87	3.32	1.92	5.54	3.20	1.85	2800	78.5	0.83	2.2	2.4	5,04	6	70	11.20
MS 90S-2	1.5	5.97	3.46	1.99	5.76	3.28	1.90	5.47	3.16	1.82	2840	78.5	0.84	2.2	2.4	5,04	6	72	12.00
MS 90L1-2	2.2	8.39	4.85	2.80	8.0	4.61	2.66	7.69	4.45	2.56	2840	81	0.85	2.2	2.4	7,4	6	72	14.50
MS 90L2-2	3	11.1	6.42	3.69	10.6	6.10	3.52	10.2	5.88	3.39	2840	82.6	0.86	2.2	2.4	10,1	6	74	15.00
MS 100L1-2	3	11.0	6.34	3.65	10.4	6.03	3.48	10.0	5.81	3.35	2840	82.6	0.87	2.2	2.3	10,1	7	76	20.00
MS 100L2-2	4	14.3	8.30	4.78	13.7	7.88	4.55	13.1	7.60	4.38	2850	84.2	0.87	2.2	2.3	13,4	7.5	77	24.00
MS 112M-2	4	14.3	8.30	4.78	13.7	7.88	4.55	13.1	7.60	4.38	2880	84.2	0.87	2.2	2.3	13,4	7.5	77	26.00
MS 112L-2	5.5	19.1	11.1	6.38	18.2	10.5	6.08	17.5	10.1	5.85	2880	85.7	0.88	2.2	2.3	18,2	7.5	78	29.30
MS 132S1-2	5.5	19.1	11.1	6.38	18.2	10.5	6.08	17.5	10.1	5.85	2900	85.7	0.88	2	2.2	18,1	7.5	80	38.40
MS 132S2-2	7.5	25.7	14.9	8.57	24.5	14.1	8.16	23.6	13.6	7.86	2920	87	0.88	2	2.2	24,7	7.5	80	41.30
MS 132M1-2	9.2	30.8	17.8	10.3	29.9	17.3	9.96	28.3	16.3	9.42	2930	88	0.89	2	2.2	29,5	7.5	81	48.20
MS 132M2-2	11	36.3	21.0	12.1	34.6	20.0	11.5	33.3	19.2	11.1	2930	88.4	0.9	2	2.2	36,0	7.5	83	52.50
MS 160M1-2	11	36.3	21.0	12.1	34.6	20.0	11.5	33.3	19.2	11.1	2940	88.4	0.9	2	2.2	36,1	7.5	86	76.00
MS 160M2-2	15	48.4	28.0	16.1	46.1	26.6	15.4	44.4	25.7	14.8	2940	89.4	0.91	2	2.2	48,9	7.5	86	77.50
MS 160L-2	18.5	59.3	34.3	19.8	56.5	32.6	18.8	54.3	31.4	18.1	2940	90	0.91	2	2.2	60,1	7.5	86	92.00
MS 180M-2	22	71.3	41.3	23.8	68.2	39.2	22.6	65.3	37.8	21.8	2950	90	0.9	2	2.2	71,2	7.5	91	121.0
MS 200L1-2	30	96.0	55.6	32.1	91.8	52.8	30.5	88.0	50.9	29.4	2950	91.2	0.9	2	2.2	97,0	7.5	94	144.0
MS 200L2-2	37	117	67.9	39.2	112	64.5	37.2	108	62.2	35.9	2940	92	0.9	2	2.2	119	7.5	94	151.0

Електрически данни (50Hz) Ефективност IE1- 4 полюса

Electrical data (50Hz) Efficiency IE1- 4 poles

Frame size	Power (KW)	Current (A)			Current (A)			Current (A)			rpm. (r/min)	eff. (%)	Power factor (Cosφ)	Cs/ Cn	Cmax/ Cn	Cn (nm)	is/in	dB(A)	Weight
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
MS 561-4	0.06	0.64	0.37	0.21	0.61	0.35	0.20	0.58	0.34	0.19	1360	50	0.56	2.3	2.4	0,478	4	50	2.90
MS 562-4	0.09	0.82	0.47	0.27	0.78	0.45	0.26	0.75	0.43	0.25	1360	52	0.59	2.3	2.4	0,64	4	50	3.20
MS 631-4	0.12	1.00	0.58	0.33	0.95	0.55	0.32	0.92	0.53	0.31	1360	52	0.64	2.2	2.4	0,93	4	52	3.70
MS 632-4	0.18	1.28	0.74	0.43	1.21	0.70	0.40	1.17	0.67	0.39	1310	57	0.65	2.2	2.4	1,28	4	52	4.20
MS 633-4	0.25	1.66	0.96	0.55	1.58	0.91	0.53	1.52	0.88	0.51	1340	60	0.66	2.2	2.2	1,77	4	54	5.00
MS 711-4	0.25	1.52	0.88	0.51	1.45	0.84	0.48	1.39	0.81	0.46	1350	60	0.72	2.2	2.4	1,78	6	55	5.00
MS 712-4	0.37	2.02	1.17	0.67	1.92	1.11	0.64	1.85	1.07	0.62	1370	65	0.74	2.2	2.4	2,62	6	55	5.80
MS 713-4	0.55	2.92	1.69	0.97	2.78	1.60	0.93	2.67	1.55	0.89	1380	66	0.75	2.2	2.4	3,86	6	57	6.50
MS 801-4	0.55	2.87	1.66	0.96	2.74	1.58	0.91	2.63	1.52	0.88	1370	67	0.75	2.2	2.4	3,87	6	58	8.10
MS 802-4	0.75	3.50	2.03	1.17	3.34	1.91	1.11	3.21	1.86	1.07	1380	72	0.78	2.2	2.4	5,27	6	58	9.10
MS 803-4	1.1	4.86	2.81	1.62	4.63	2.67	1.54	4.45	2.57	1.48	1390	76.2	0.78	2.2	2.4	7,61	6	60	11.00
MS 90S-4	1.1	4.80	2.78	1.60	4.57	2.64	1.52	4.40	2.54	1.47	1400	76.2	0.79	2.2	2.4	7,60	6	61	11.70
MS 90L1-4	1.5	6.27	3.63	2.09	5.97	3.45	1.99	5.75	3.32	1.92	1400	78.5	0.8	2.2	2.4	10,38	6	61	14.40
MS 90L2-4	2.2	8.91	5.16	2.97	8.45	4.90	2.83	8.17	4.72	2.72	1400	81	0.8	2.2	2.4	14,90	7	63	17.60
MS 100L1-4	2.2	8.80	5.09	2.93	8.38	4.84	2.79	8.07	4.66	2.69	1420	81	0.81	2.2	2.3	14,90	7	64	19.20
MS 100L2-4	3	11.8	6.81	3.92	11.2	6.47	3.74	10.8	6.24	3.60	1420	82.6	0.81	2.2	2.3	20,32	7	64	22.50
MS 100L3-4	4	15.2	8.80	5.07	14.2	8.36	4.83	13.9	8.06	4.65	1430	84.2	0.82	2.2	2.3	26,93	7	65	27.30
MS 112M-4	4	15.0	8.70	5.01	14.3	8.26	4.77	13.8	7.96	4.59	1430	84.2	0.83	2.2	2.2	26,90	7	65	29.00
MS 112L-4	5.5	20.3	11.7	6.76	19.3	11.2	6.44	18.6	10.8	6.20	1440	85.7	0.83	2.2	2.2	36,74	7	68	35.70
MS 132S-4	5.5	20.1	11.6	6.68	19.1	11.0	6.37	18.4	10.6	6.13	1450	85.7	0.84	2.2	2.2	36,72	7	71	39.00
MS 132M-4	7.5	26.6	15.4	8.87	25.4	14.6	8.45	24.4	14.1	8.13	1450	87	0.85	2.2	2.2	50,12	7	71	48.60
MS 132L1-4	9.2	32.5	18.8	10.8	30.9	17.9	10.3	29.8	17.2	9.9	1460	87.5	0.85	2.2	2.2	60,13	7.5	74	56.50
MS 132L2-4	11	38.0	22.0	12.7	36.2	20.9	12.1	34.8	20.1	11.6	1460	88.4	0.86	2.2	2.2	71,74	7.5	74	64.00
MS 160M-4	11	37.5	21.7	12.5	35.8	20.6	11.9	34.4	19.9	11.5	1460	88.4	0.87	2.2	2.2	71,78	7	75	73.00
MS160L1-4	15	51.2	29.6	17.1	48.8	28.2	16.3	46.9	27.1	15.6	1460	88.4	0.87	2.2	2.2	97,83	7.5	75	88.50
MS 160L2-4	18.5	63.1	36.5	21.0	60.1	34.7	20.0	57.9	33.5	19.3	1460	90.5	0.85	2.2	2.2	120	7.5	78	97.50
MS 180M-4	18.5	62.4	36.1	20.8	59.7	34.3	19.8	57.2	33.1	19.1	1460	90.5	0.86	2.2	2.2	143	7.5	80	118.0
MS 180L-4	22	73.8	42.7	24.7	70.6	40.6	23.4	67.7	39.1	22.6	1460	91	0.86	2.2	2.2	143	7.5	80	128.0
MS 200L-4	30	99.5	57.6	33.2	95.1	54.7	31.6	91.2	52.7	30.4	1470	92	0.86	2.2	2.2	195	7.5	83	158.0

Електрически данни (50Hz) Ефективност IE1- 6 полюса

Electrical data (50Hz) Efficiency IE1- 6 poles

Frame size	Power (KW)	Current (A)			Current (A)			Current (A)			rpm. (r/min)	eff. (%)	Power factor (Cosφ)	Cs/ Cn	Cmax/ Cn	Cn (nm)	is/in	dB(A)	Weight
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
MS 631-6	0.09	0.92	0.53	0.31	0.88	0.51	0.29	0.85	0.49	0.28	840	42	0.61	2	2	0,98	3.5	50	4.20
MS 632-6	0.12	1.13	0.65	0.38	1.08	0.62	0.36	1.03	0.60	0.34	850	45	0.62	2	2	1,18	3.5	50	4.50
MS 711-6	0.18	1.28	0.74	0.43	1.22	0.70	0.41	1.17	0.68	0.39	880	56	0.66	1.6	1.7	1,93	4	52	5.60
MS 712-6	0.25	1.59	0.92	0.53	1.51	0.87	0.50	1.46	0.84	0.49	900	59	0.7	2.1	2.2	2,36	4	52	6.00
MS 713-6	0.37	2.31	1.34	0.77	2.2	1.27	0.73	2.11	1.22	0.70	890	61	0.69	2	2.1	3,93	4	54	6.80
MS 801-6	0.37	2.24	1.30	0.75	2.13	1.23	0.71	2.05	1.19	0.68	900	62	0.7	1.9	1.9	3,90	4	56	8.10
MS 802-6	0.55	2.99	1.73	1.00	2.85	1.65	0.95	2.74	1.59	0.91	900	67	0.72	2	2.3	5,84	4	56	9.60
MS 803-6	0.75	4.02	2.33	1.34	3.83	2.21	1.28	3.69	2.13	1.23	900	68	0.72	2	2.3	7,88	4	58	10.00
MS 90S-6	0.75	3.96	2.29	1.32	3.77	2.18	1.26	3.63	2.10	1.21	920	69	0.72	2.2	2.2	7,83	5.5	59	11.30
MS 90L1-6	1.1	5.49	3.18	1.83	5.23	3.02	1.74	5.03	2.91	1.68	925	72	0.73	2.2	2.2	11,54	5.5	59	14.40
MS 90L2-6	1.5	7.09	4.11	2.36	6.76	3.90	2.25	6.50	3.76	2.17	925	74	0.75	2.2	2.2	15,64	5.5	60	15.50
MS 100L1-6	1.5	7.00	4.05	2.33	6.67	3.85	2.22	6.42	3.71	2.14	945	74	0.76	2.2	2.2	15,62	6	61	18.80
MS 100L2-6	2.2	9.87	5.71	3.29	9.40	5.43	3.13	9.04	5.23	3.01	950	77	0.76	2.2	2.2	22,31	6	63	19.80
MS 112M-6	2.2	9.7	5.64	3.25	9.28	5.36	3.09	8.93	5.16	2.98	955	78	0.76	2.2	2.2	22,34	6	64	25.00
MS 112L-6	3	12.9	7.49	4.31	12.3	7.12	4.11	11.9	6.86	3.95	950	79	0.77	2.2	2.2	30,21	6	64	30.00
MS 132S-6	3	13.1	7.59	4.37	12.5	7.21	4.16	12.0	6.95	4.01	960	79	0.76	2	2	30,18	6.5	64	35.00
MS 132M1-6	4	17.2	9.93	5.72	16.4	9.44	5.45	15.7	9.10	5.24	960	80.5	0.76	2	2	40,21	6.5	68	47.60
MS 132M2-6	5.5	22.6	13.1	7.53	21.5	12.4	7.17	20.7	12.0	6.9	960	83	0.77	2	2	55,32	6.5	68	50.70
MS 132L-6	7.5	30.1	17.4	10.0	28.7	16.5	9.55	27.6	15.9	9.2	960	85	0.77	2	2	74,60	6.5	68	47.60
MS 160M-6	7.5	28.6	16.6	9.5	27.3	15.7	9.08	26.2	15.2	8.7	960	86	0.8	2	2.2	74,58	6.5	68	70.0
MS 160L-6	11	41.8	24.2	13.9	39.8	23.0	13.3	38.3	22.1	12.8	960	87.5	0.79	2	2.2	109,43	6.5	73	87.0
MS 180L-6	15	54.6	31.6	18.2	52.2	30.0	17.3	50.1	28.9	16.7	970	89	0.81	2	2.2	147,73	6.5	79	122.0
MS 200L1-6	18.5	66.6	38.6	22.2	63.7	36.6	21.1	61.0	35.3	20.3	975	90	0.81	2	2.2	181,23	6.5	82	136.0
MS 200L2-6	22	77.3	44.7	25.8	73.9	42.5	24.5	70.8	41.0	23.6	975	90	0.83	2	2.2	215,21	6.5	82	152.0

Електрически данни (50Hz) Ефективност IE1- 8 полюса

Electrical data (50Hz) Efficiency IE1- 8 poles

Frame size	Power (KW)	Current (A)			Current (A)			Current (A)			rpm. (r/min)	eff. (%)	Power factor (Cosφ)	Cs/ Cn	Cmax/ Cn	Cn (nm)	is/in	dB(A)	Weight
		220V	380V	660V	230V	400V	690V	240V	415V	720V									
MS 711-8	0.09	0.88	0.51	0.29	0.84	0.48	0.28	0.81	0.47	0.27	680	48	0.56	1.5	1.7	1,05	3	50	5.60
MS 712-8	0.12	1.05	0.61	0.35	1.00	0.58	0.33	0.96	0.55	0.32	690	51	0.59	1.6	1.7	1,63	2.7	50	6.00
MS 801-8	0.18	1.52	0.88	0.51	1.45	0.84	0.48	1.39	0.80	0.46	680	51	0.61	1.5	1.7	2,60	2.8	52	9.40
MS 802-8	0.25	1.92	1.11	0.64	1.83	1.06	0.61	1.76	1.02	0.59	680	56	0.61	1.6	2	3,60	2.7	52	10.10
MS 90S-8	0.37	2.45	1.42	0.82	2.33	1.35	0.78	2.24	1.30	0.75	680	63	0.63	1.6	1.8	5,22	2.8	56	12.50
MS 90L-8	0.55	3.36	1.95	1.12	3.21	1.85	1.07	3.08	1.78	1.03	680	66	0.65	1.6	1.8	7,63	3	56	15.30
MS 100L1-8	0.75	4.45	2.58	1.48	4.24	2.45	1.41	4.08	2.36	1.36	710	66	0.67	1.7	2.1	10,42	3.5	59	17.20
MS 100L2-8	1.1	5.81	3.36	1.94	5.54	3.20	1.85	5.33	3.08	1.78	710	72	0.69	1.7	2.1	15,18	3.5	59	19.50
MS 112M-8	1.5	7.82	4.53	2.61	7.45	4.30	2.48	7.17	4.15	2.39	710	74	0.68	1.8	2.1	20,63	4.2	61	25.50
MS 132S-8	2.2	10.8	6.28	3.61	10.3	5.96	3.44	9.94	5.75	3.31	720	75	0.71	2	2	29,82	5.5	64	34.20
MS 132M-8	3	14.0	8.11	4.67	13.3	7.70	4.45	12.8	7.43	4.28	720	77	0.73	2	2	42,35	5.5	64	40.00
MS 160M1-8	4	18.0	10.4	5.99	17.1	9.89	5.71	16.5	9.53	5.49	730	80	0.73	1.9	2.1	53,81	6	68	59.00
MS 160M2-8	5.5	23.4	13.5	7.79	22.3	12.9	7.42	21.4	12.4	7.14	720	83.5	0.74	2	2.2	73,27	6	68	69.00
MS 160L-8	7.5	30.9	17.9	10.3	29.4	17.0	9.8	28.3	16.4	9.43	720	85	0.75	1.9	2.2	100,6€	6	68	87.00
MS 180L-8	11	45.2	26.2	15.1	43.6	25.1	14.5	41.5	24.0	13.8	715	87.4	0.73	1.9	2.2	144,2	6	78	125.0
MS 200L-8	15	58.9	34.1	19.6	56.3	32.4	18.7	54.0	31.2	18.0	725	88.0	0.76	1.9	2.2	194,6€	6	80	151.0

Електрически данни (50Hz) Ефективност IE2- 2 полюса

Electrical data (50Hz) Efficiency IE2- 2 poles

Frame size	Power (KW)	eff. (%)	Current in(A) 400V	Power factor (Cosφ)	rpm (rpm/min)	Cn (nm)	Cs/Cn	is/in
MS2 801-2	0,75	77.4	1.75	0.80	2840	2,49	2.9	5.8
MS2 802-2	1.1	80	2.42	0.82	2850	3,53	3.5	6.8
MS2 90S-2	1.5	81.4	3.20	0.83	2850	5,09	3.5	6.9
MS2 90L-2	2.2	83.2	4.54	0.84	2860	7,32	4.1	7.9
MS2 100L-2	3	84.6	5.88	0.87	2880	9,96	3.4	7.8
MS2 112M-2	4	86	7.54	0.89	2890	13,16	2.7	7.5
MS2 132S1-2	5.5	87.2	10.2	0.89	2900	18,25	2.4	7.7
MS2 132S2-2	7.5	88.1	13.8	0.89	2910	24,47	2.6	8.4
MS2 160M1-2	11	89.4	19.9	0.89	2930	20,23	2.4	7.6
MS2 160M2-2	15	90.3	26.9	0.89	2930	27,68	2.6	8
MS2 160L-2	18.5	90.9	32.6	0.90	2940	33,42	3	9
MS2 180M-2	22	91.3	38.6	0.90	2950	39,11	2.6	8.5
MS2 200L1-2	30	92	52.3	0.90	2950	51,93	2.4	8
MS2 200L2-2	37	92.5	64.1	0.90	2950	63,48	2.5	8.5

Електрически данни (50Hz) Ефективност IE2- 4 полюса

Electrical data (50Hz) Efficiency IE2- 4 poles

Frame size	Power (KW)	eff. (%)	Current in(A) 400V	Power factor (Cosφ)	rpm (rpm/min)	Cn (nm)	Cs/Cn	is/in
MS2 802-4	0.75	79.6	1.79	0.76	1410	5,27	2.8	5.3
MS2 90S-4	1.1	81.4	2.50	0.78	1420	7,61	3.8	6.7
MS2 90L-4	1.5	82.8	3.31	0.79	1420	10,39	4	7.2
MS2 100L1-4	2.2	84.3	4.83	0.78	1440	14,76	3.6	7.4
MS2 100L2-4	3	85.5	6.33	0.80	1440	20,13	3.8	7.8
MS2 112M-4	4	86.6	8.23	0.81	1440	26,89	3.1	7.1
MS2 132S-4	5.5	87.9	10.9	0.83	1450	36,25	2.6	7.4
MS2 132M-4	7.5	88.7	14.5	0.84	1450	49,21	2.8	7.7
MS2 160M-4	11	89.8	21.6	0.82	1450	71,86	2.7	7.7
MS2 160L-4	15	90.6	28.4	0.84	1450	97,90	2.4	7.3
MS2 180M-4	18.5	91.4	34.4	0.85	1460	121,32	2.2	7.4
MS2 180L-4	22	91.7	40.3	0.86	1460	143,26	2.3	7.5
MS2 200L-4	30	92.3	55.2	0.86	1470	195,54	2.8	7.6

Електрически данни (50Hz) Ефективност IE2- 6 полюса

Electrical data (50Hz) Efficiency IE2- 6 poles

Frame size	Power (KW)	eff. (%)	Current in(A) 400V	Power factor (Cosφ)	rpm (rpm/min)	Cn (nm)	Cs/Cn	is/in
MS2 90S-6	0.75	76.0	2.01	0.71	925	7,75	3.1	4.7
MS2 90L-6	1.1	78.1	2.82	0.72	930	11,43	3.2	5
MS2 100L-6	1.5	80.0	3.71	0.73	940	15,09	3.1	5.9
MS2 112M-6	2.2	81.8	5.17	0.75	945	22,13	2.6	5.5
MS2 132S-6	3	83.3	6.84	0.76	960	30,32	2.2	5.7
MS2 132M1-6	4	84.6	8.86	0.77	960	41,25	2.4	6.2
MS2 132M2-6	5.5	86	12.0	0.77	960	54,86	2.6	6.7
MS2 160M-6	7.5	87.5	16.1	0.77	970	74,69	2	5.6
MS2 160L-6	11	89.0	22.9	0.78	970	108,92	2	5.8
MS2 180L-6	15	90.1	28.9	0.83	975	147,77	1.9	7.5
MS2 200L1-6	18.5	90.4	35.6	0.83	975	180,32	2.2	6.3
MS2 200L2-6	22	90.9	41.6	0.84	975	214,53	2.3	7.9

Електрически данни (50Hz) Двойна намотка - 2/4 полюса

Electrical data (50Hz) Double Winding - 2/4 poles

Frame size	Power (KW)		rpm (rpm/min)		eff. (%)		Power factor (Cosφ)		Current in(A) 400V		Cn (nm)		Cs/Cn		is/in		Cmax/Cn	
	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P	2P	4P
MSD 711-2/4	0.3	0.22	2750	1350	60	55	0.8	0.73	0.90	0.79	1.04	1.56	1.7	1.7	3.5	3.5	1.9	1.9
MSD 712-2/4	0.45	0.3	2790	1380	63	58	0.8	0.73	1.29	1.02	1.54	2.08	2	2	4	4	2	2
MSD 801-2/4	0.55	0.45	2800	1380	65	64	0.84	0.75	1.45	1.35	1.88	3.11	2	2	4.5	4.5	2.1	2.1
MSD 802-2/4	0.75	0.6	2800	1400	67	68	0.86	0.77	1.88	1.65	2.56	4.09	1.8	1.8	4.5	4.5	2	2
MSD 90S-2/4	1.25	0.95	2820	1400	72	68	0.86	0.82	2.91	2.46	4.23	6.48	2	2	5	5	2	2
MSD 90L-2/4	1.7	1.32	2830	1400	73	70	0.86	0.83	3.91	3.28	5.74	9.00	2	2	5	5	2	2
MSD 100L1-2/4	2.4	1.84	2830	1410	73	76	0.86	0.83	5.52	4.21	8.10	12.46	2	2	5.5	5	2	2
MSD 100L2-2/4	3.3	2.6	2840	1420	74	78	0.86	0.85	7.48	5.66	11.10	17.19	2	1.9	5.5	5	2	1.9
MSD 112M-2/4	4.5	4	2860	1430	77	79	0.85	0.86	9.92	8.50	15.03	26.71	2	1.8	5.5	5	2.2	2
MSD 132S-2/4	6	5	2860	1440	79	82	0.84	0.86	13.05	10.23	20.03	33.16	2	1.5	5.5	5.5	2.2	1.9
MSD 132M-2/4	8	6.6	2870	1440	82	84	0.84	0.86	16.76	13.09	26.62	43.77	2	2	6	6	2.2	2.2
MSD 160M-2/4	11	9	2920	1450	84	84	0.85	0.82	22.23	18.86	35.98	59.28	1.8	1.8	7	6	2	2
MSD 160L-2/4	15	12	2920	1450	86	84	0.87	0.83	28.94	24.84	49.06	79.03	2	2	7	7	2.2	2.2

Електрически данни (50Hz) Двойна намотка - 4/8 полюса

Electrical data (50Hz) Double Winding - 4/8 poles

Frame size	Power (KW)		rpm (rpm/min)		eff. (%)		Power factor (Cosφ)		Current in(A) 400V		Cn (nm)		Cs/Cn		is/in		Cmax/Cn	
	4P	8P	4P	8P	4P	8P	4P	8P	4P	8P	4P	8P	4P	8P	4P	8P	4P	8P
MSD 801-4/8	0.25	0.15	1380	680	58	40	0.77	0.60	0.81	0.90	1.73	2.11	2	2	4.5	3	2	2
MSD 802-4/8	0.45	0.25	1390	685	68	48	0.80	0.60	1.19	1.25	3.09	3.49	1.8	2	4.5	3	2	2
MSD 90S-4/8	0.55	0.3	1400	690	68	50	0.83	0.61	1.41	1.42	3.75	4.15	1.8	2	4.5	3.5	2	2
MSD 90L-4/8	0.8	0.45	1400	690	68	53	0.83	0.63	2.05	1.95	5.46	6.23	1.8	1.6	4	3	1.9	1.8
MSD 100L1-4/8	1.25	0.6	1400	700	69	54	0.82	0.56	3.19	2.86	8.53	8.16	1.8	2	5	3.5	2	2
MSD 100L2-4/8	1.76	0.88	1400	700	71	58	0.84	0.56	4.26	3.91	12.00	12.00	1.8	2	5.5	4	2	2
MSD 112M-4/8	2.2	1.5	1420	700	75	64	0.82	0.61	5.16	5.54	14.80	20.46	2	2	6	4	2	2
MSD 132S-4/8	3.3	2.2	1430	705	78	70	0.84	0.64	7.27	7.09	22.04	29.8	2	2	6	5	2	2
MSD 132M-4/8	4.5	3	1430	705	82	77	0.85	0.65	9.32	8.65	30.05	40.64	2	2	6	5	2	2
MSD 160M1-4/8	5.5	4	1440	710	82	77	0.81	0.69	11.95	10.87	36.48	53.80	2.1	1.7	7.6	4.6	2.3	2.2
MSD 160M2-4/8	7.5	5	1440	710	82	79	0.89	0.78	14.83	11.71	49.74	67.25	1.7	1.6	6.6	4.5	2.3	2.1
MSD 160L-4/8	10	7	1450	715	84	82	0.90	0.78	19.09	15.80	65.86	93.50	1.8	1.9	5.5	5	2.3	2.1

Електрически данни (50Hz) Двойна намотка - 4/6 полюса

Electrical data (50Hz) Double Winding - 4/6 poles

Frame size	Power (KW)		rpm (rpm/min)		eff. (%)		Power factor (Cosφ)		Current in(A) 400V		Cn (nm)		Cs/Cn		is/in		Cmax/Cn	
	4P	6P	4P	6P	4P	6P	4P	6P	4P	6P	4P	6P	4P	6P	4P	6P	4P	6P
MSD 801-4/6	0.3	0.22	1400	910	60	55	0.74	0.69	0.98	0.84	2.05	2.31	2	1.8	4.5	4	2	2
MSD 802-4/6	0.45	0.3	1410	920	63	58	0.75	0.7	1.37	1.07	3.05	3.11	2	1.8	4.5	4	2	2
MSD 90S-4/6	0.66	0.45	1410	920	66	61	0.76	0.65	1.9	1.64	4.47	4.67	1.7	1.7	5	4.5	2	2
MSD 90L-4/6	0.88	0.6	1420	930	70	64	0.77	0.67	2.36	2.02	5.92	6.16	1.7	1.7	5	4.5	2	2
MSD 100L1-4/6	1.32	0.88	1420	940	72	67	0.85	0.75	3.11	2.3	8.88	8.94	1.8	1.8	6	5	2	2
MSD 100L2-4/6	1.76	1.2	1430	950	74	70	0.85	0.75	4.04	3.3	11.75	12.06	1.8	1.8	6	5	2	2
MSD 112M-4/6	2.2	1.5	1430	950	76	70	0.8	0.70	5.22	4.42	14.69	15	2	1.8	6	5	2.2	2.2
MSD 132S-4/6	3.3	2.2	1440	960	82	78	0.81	0.72	7.17	5.65	21.9	21.9	2	2	7	6	2.2	2.2
MSD 132M-4/6	4.5	3	1450	970	83	80	0.82	0.74	9.54	7.31	29.6	29.5	2	2	7	6	2.3	2.3
MSD 160M-4/6	6.6	4.5	1460	970	84	81	0.84	0.78	13.5	10.3	43.2	44.3	1.8	1.8	7	6	2.3	2.3
MSD 160L-4/6	8.8	6	1460	970	84	81	0.85	0.79	17.8	13.5	57.6	59.1	1.8	1.8	7	6	2.3	2.3