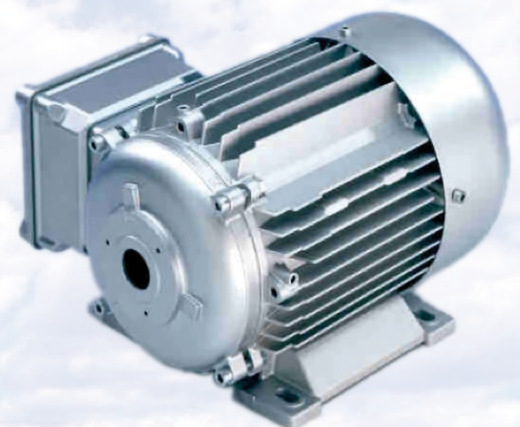


T	W/kg at 50 Hz	VA/kg at 50 Hz	A/m at 50 Hz	W/kg at 100 Hz	W/kg at 200 Hz	W/kg at 400 Hz	W/kg at 1000 Hz	W/kg at 2500 Hz
0,1	0.02	0.07	30,2	0.05	0.12	0.33	1.43	5.95
0,2	0.08	0.18	39,0	0.20	0.48	1.27	5.40	21.7
0,3	0.17	0.32	44,9	0.41	1.02	2.69	11.0	45.1
0,4	0.28	0.48	50,2	0.67	1.68	4.49	18.3	76.2
0,5	0.40	0.66	55,5	0.97	2.47	6.66	27.2	116
0,6	0.53	0.87	61,2	1.30	3.37	9.19	38.1	167
0,7	0.68	1.11	67,8	1.68	4.39	12.11	51.1	230
0,8	0.84	1.39	76,0	2.10	5.54	15.44	66.4	308
0,9	1.02	1.72	86,5	2.56	6.82	19.22	84.5	403
1,0	1.22	2.12	101	3.07	8.25	23.54	106	517
1,1	1.44	2.63	123	3.64	9.86	28.48	130	654
1,2	1.69	3.35	160	4.29	11.6	34.12	159	803
1,3	2.00	4.56	238	5.07	13.7	40.62	193	
1,4	2.40	7.40	466	6.06	16.3	48.24	233	
1,5	2.94	17.0	1293	7.40	19.6	57.86	279	
1,6	3.67	46.2	3344	8.86	23.2	70.24	335	
1,7	4.32	110	6672					
1,8	4.73	220	11361					

	Guaranteed Values	Typical Values
Loss at 1.5 T , 50 Hz, W/kg	3,30	2,94
Loss at 1.0 T , 50 Hz, W/kg	1,30*	1,22
Anisotropy of loss, %		10
Magnetic polarization at 50 Hz		
H = 2500 A/m, T	1,54	1,56
H = 5000 A/m, T	1,63	1,65
H = 10000 A/m, T	1,75	1,77
Coercivity (DC), A/m		40
Relative permeability at 1.5 T		880
Resistivity, $\mu\Omega\text{cm}$		42
Yield strength, N/mm ²		315
Tensile strength, N/mm ²		455
Young's modulus, RD, N/mm ²		200 000
Young's modulus, TD, N/mm ²		210 000
Hardness HV5 (VPN)		155



RD represents the rolling direction
 TD represents the transverse direction
 Values for yield strength (0.2 % proof strength)
 and tensile strength are given for the rolling direction
 Values for the transverse direction are approximately 5% higher
 *indicative

T	W/kg at 50 Hz	VA/kg at 50 Hz	A/m at 50 Hz	A/m at 100 Hz	A/m at 200 Hz	A/m at 400 Hz	A/m at 1000 Hz	A/m at 2500 Hz
0,1	0.02	0.07	30,2	29,6	29,2	31,0	44,1	62,6
0,2	0.08	0.18	39,0	39,8	42,0	47,9	71,6	107
0,3	0.17	0.32	44,9	47,2	51,5	61,2	93,7	144
0,4	0.28	0.48	50,2	53,5	59,8	73,0	113	181
0,5	0.40	0.66	55,5	59,5	67,5	83,8	133	221
0,6	0.53	0.87	61,2	65,4	75,0	94,7	154	267
0,7	0.68	1.11	67,8	72,0	82,5	106	177	320
0,8	0.84	1.39	76,0	79,7	90,7	118	203	379
0,9	1.02	1.72	86,5	89,7	100	131	232	448
1,0	1.22	2.12	101	104	112	146	264	527
1,1	1.44	2.63	123	126	130	161	300	615
1,2	1.69	3.35	160	163	165	179		
1,3	2.00	4.56	238	244	241	242		
1,4	2.40	7.40	466	480	468	462		
1,5	2.94	17.0	1293	1301	1277	1265		
1,6	3.67	46.2	3344					
1,7	4.32	110	6672					
1,8	4.73	220	11361					

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Young's modulus, TD, N/mm ²	210 000
Hardness HV5 (VPN)	155



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