

Power losses															
0; 25	f; I	%	3.1	2.2	1.2	1.1	1.4	1.2	1.0	0.7	0.5	0.7	0.7	0.6	0.5
0; 50	f; I	%	3.1	2.3	1.3	1.3	1.5	1.3	1.1	0.8	0.7	0.9	0.8	0.7	0.7
0; 100	f; I	%	3.3	2.6	1.6	1.6	1.9	1.7	1.6	1.2	1.0	1.4	1.3	1.2	1.2
50; 25	f; I	%	3.1	2.2	1.3	1.2	1.4	1.2	1.0	0.7	0.6	0.7	0.7	0.6	0.6
50; 50	f; I	%	3.2	2.4	1.4	1.3	1.6	1.4	1.2	0.9	0.7	0.9	0.9	0.8	0.8
50; 100	f; I	%	3.5	2.8	1.8	1.8	2.0	1.9	1.7	1.4	1.2	1.5	1.5	1.3	1.4
90; 50	f; I	%	3.3	2.5	1.5	1.5	1.6	1.5	1.2	0.9	0.8	1.0	1.0	0.9	0.9
90; 100	f; I	%	3.7	2.9	2.1	2.1	2.1	2.0	1.9	1.7	1.5	1.8	1.9	1.6	1.6
Standby losses		%	0.6	0.4	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Efficiency level			IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2	IE2
Manufacturer			Enertronica Santerno S.p.A. · Via della Concia, 7 · Castel Guelfo (BO) · ITALY												
Commercial registration number			R.E.A.: BO-536234, VAT number: 05151831210												
Product's model identifier			Sinus S 0001 4T	Sinus S 0002 4T	Sinus S 0003 4T	Sinus S 0005 4T	Sinus S 0006 4T	Sinus S 0007 4T	Sinus S 0011 4T	Sinus S 0014 4T	Sinus S 0017 4T	Sinus S 0020 4T	Sinus S 0025 4T	Sinus S 0030 4T	Sinus S 0034 4T
Apparent output power		kVA	0.9	1.6	2.6	3.8	4.9	6.4	8.7	11	16	22	27	32	41
Indicative motor rated power output		kW	0.37	0.75	1.5	2.2	3	4	5.5	7.5	11	15	18.5	22	30
Rated output current		A	1.3	2.4	3.9	5.6	7.3	9.5	13	16.5	23.5	32	40	47	61
Maximum operating temperature		°C	45												
Rated supply frequency		Hz	50												
Rated supply voltage		V	400												
Switching frequency		kHz	4												
Rated apparent output power		kVA	0.977	1.71	3.3	4.44	5.85	7.38	9.95	14.4	19.5	23.9	28.3	38.2	47

Operating point (f; I)
Power losses

f = relative motor stator frequency; I = relative torque-producing current
Power losses at operating points (f; I) and in standby mode relate to the rated apparent output power.

For power losses for options (e.g. for diagnostics) and for accessories (e.g. mains chokes) please refer to further product documentation on the product web page.

