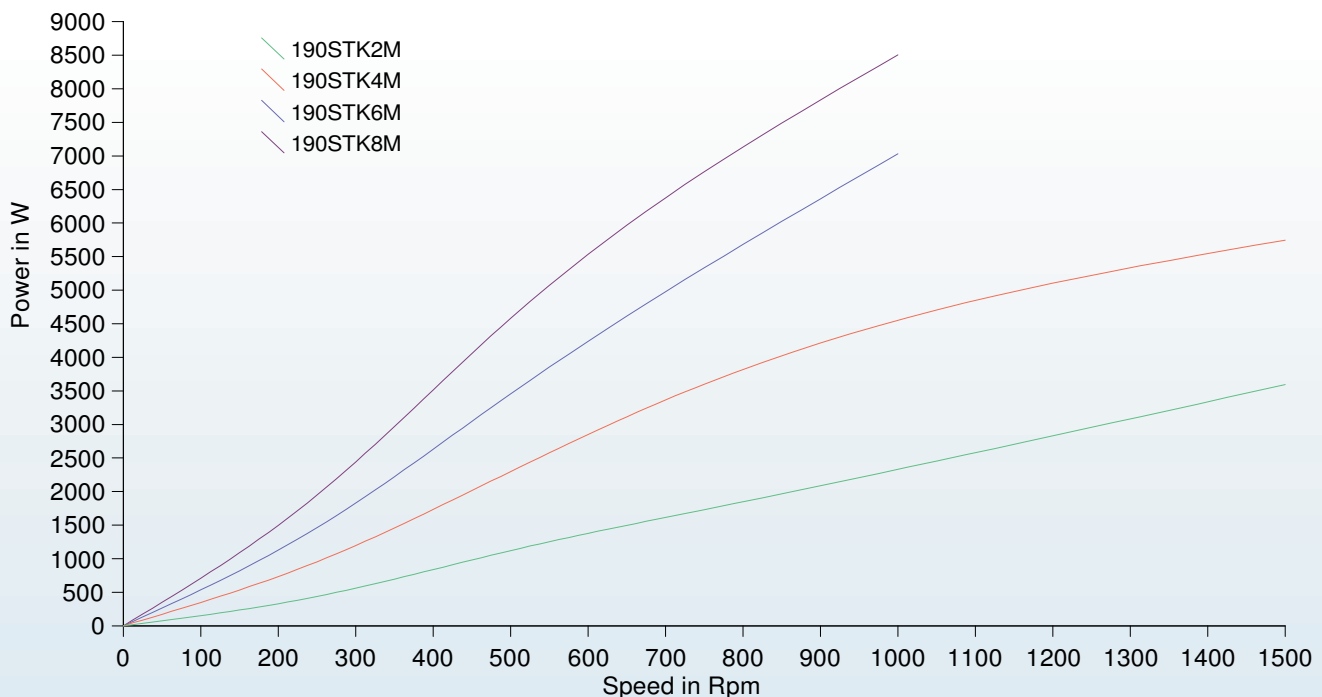


TECHNICAL CHARACTERISTICS

190 STK ALTERNATORS

		190STK2M		190STK4M		190STK6M		190STK8M	
Rated speed	Rpm	500	1500	500	1500	500	1000	500	1000
Rated power (1)(2)	W	1120	3593	2298	5747	3456	7031	4580	8506
Current at rated speed (1)	Amps	2.8	9.0	5.8	14.4	8.7	17.6	11.5	21.3
Voltage at rated power (1)(2)(3)	V	133	133	133	133	133	133	133	133
Power at half speed (1)(2)	W	436	1730	954	3600	1461	3456	1947	4580
Phase resistance at 20°C	Ohm	8.39	0.82	2.98	0.25	1.75	0.42	1.25	0.26
Phase inductance	mH	84.83	8.42	40.61	3.54	27.11	6.61	20.67	4.39
Phase emf at 20°C (4)	V	205.9	192.6	200.8	176.2	200.2	196.8	201.5	185.2
Rotor inertia	10 ⁻³ Kg.m ²	4.12	4.12	7.5	7.5	10.88	10.88	14.26	14.26
Weight	Kg	13	13	22	22	31	31	40	40
Power cable square section	mm ²	4x1.5	4x1.5	4x1.5	4x1.5	4x1.5	4x2.5	4x1.5	4x2.5

190 STK Generators Power - Speed



- (1) Ambient temperature 40°C
 Wind speed 10 m/s
 Winding temperature rise < 100°C
 Stator housing in contact with the ambient air or integral on all its peripheral area with a metallic armature in contact with the ambient air
 Stator housing secured on a metallic frame getting an area equal to twice the cross section of the housing
- (2) Operation with unitary power factor
- (3) Single voltage, voltage is 230Vac phase to phase. Voltage level may be adapted according to the application
- (4) Alternator at no load and rated speed
- (5) For current at rated power