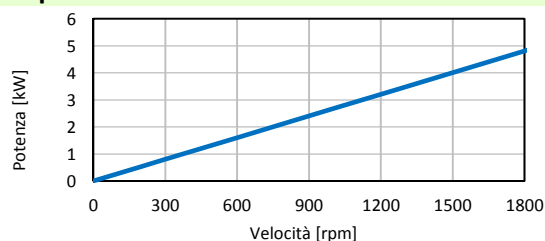
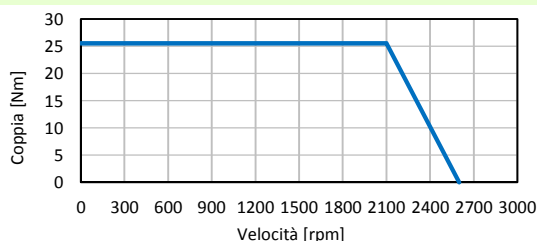


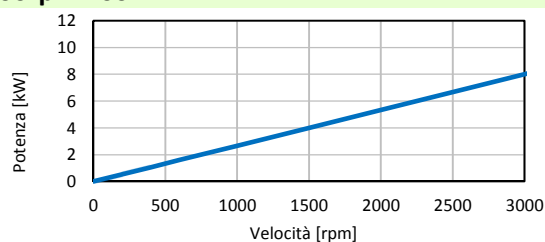
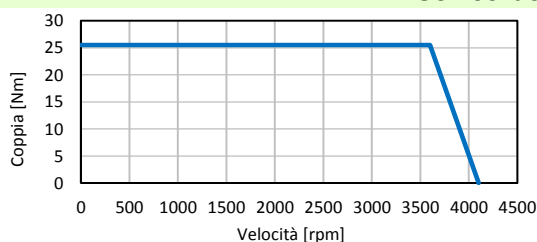
EOS100La6 0400/0800 150/300 B3 400 IC411

MOTOR IC411 (self-ventilated)			Inverter Input Voltage 400V				
			4kW	8kW	--kW	--kW	--kW
			RATED SPEED (n _n)				
Description	Symbol	Unit of measure	1500rpm	3000rpm	----rpm	----rpm	----rpm
Frequency (N° of poles)	f	[Hz]	75 (6)	150 (6)			
Maximum Speed	n _{MAX}	[rpm]	2600	4100			
Voltage constant (Connection)±5%	Ke	[Vrms/krpm]	177 (Y)	102 (Δ)			
Torque constant	Kt	[Nm/Arms]	2,93	1,7			
Rated torque	Tn	[Nm]	25,7	25,7			
Rated current	In	[Arms]	9,7**	16,6**			
Efficiency	η	[%]	90,9	92,2			
Maximum torque	Ts	[Nm]	51	51			
Maximum torque current	Is	[Arms]	17,6**	30,2**			
Phase-phase resistance @20°C	Rff	[Ω]	1,5	0,5			
Phase-phase inductance	Lff	[mH]	7,66	2,55			
Rotor inertia	J	[kgm ²]			0,0069		
Motor weight		[kg]			22		
Ambient temperature	θa	[°C]			-15 ÷ +40		
Protection class	IP				65		
Insulation class					F		
Overtemperature class			F/B	F/F			
Duty type					S1		
Standard thermal protection					PTC – 150°C		
Bearings DE/NDE					6206-ZZ-C3 (lubricated for life)		
Construction form					IM B3		
Position of the terminal box					On Top		
Terminal block screw thread					M5		
Vibration Class					A		
Painting					RAL9006 + RAL9005		
Cable entry					N°1 Cable gland M25x1,5 + N°1 Plug M25x1,5		
Housing, flange and shield materials					Aluminium		

EOS 100La6 4kW 1500rpm 400V



EOS 100La6 8kW 3000rpm 400V



** Declared values with current id=0A.