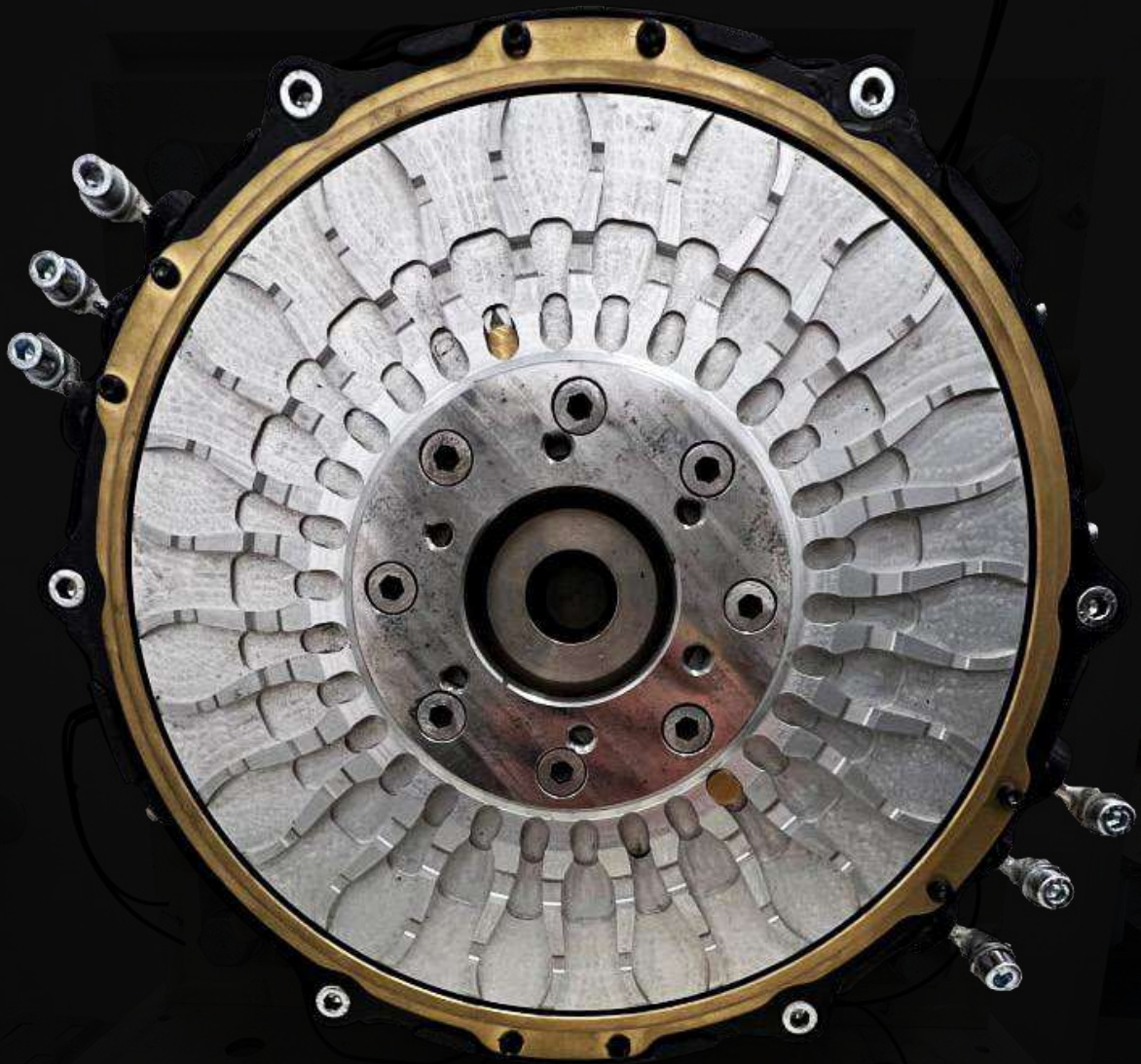


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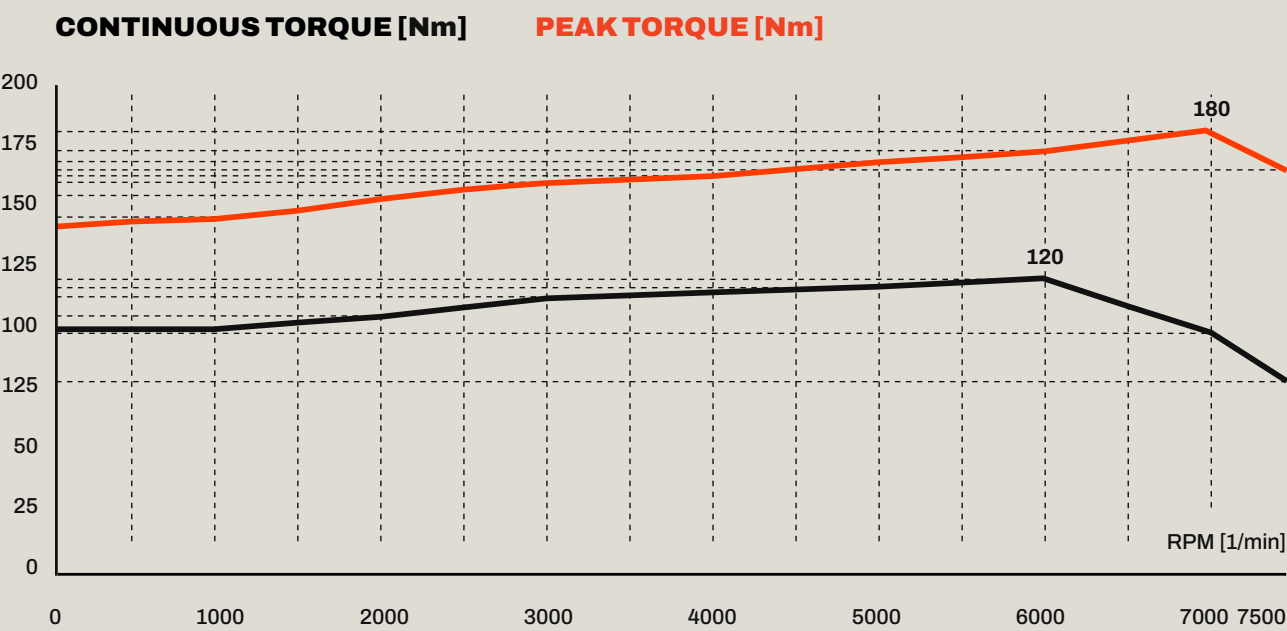
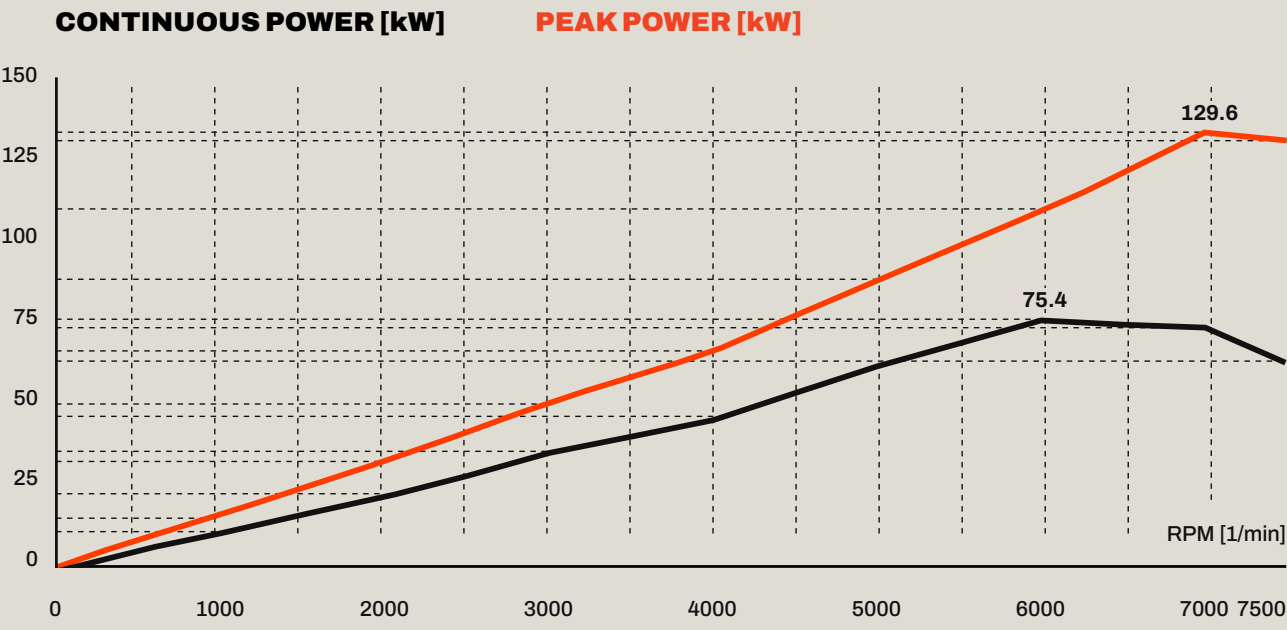


TECHNICAL DATA & INFORMATION

AXM2 - OVERVIEW

Motor	AXM2		
Winding type	HIGH Voltage (850Vdc)	MEDIUM Voltage (550Vdc)	LOW Voltage (300Vdc)
Peak power	130 kW		
Continuous power	75 kW		
Peak torque	180 Nm		
Continuous torque	120 Nm		
Maximum motor speed	7500 RPM		
Continuous motor speed	6000 RPM		
Peak current	190 Arms	380 Arms	725 Arms
Continuous current	130 Arms	260 Arms	500 Arms
Weight	14,5kg		
Rotor inertia	0,0228 kgm ²		
Kv at no load	8.8	17.6	33.6
Kv at continuous torque	7	14	26.7
Kv at peak torque	6.2	12.3	23.5
Torque constant	0,95 Nm/Arms	0,48Nm/Arms	0,25Nm/Arms
Motor type	3-phase AC PM	3-phase AC PM	3-phase AC PM

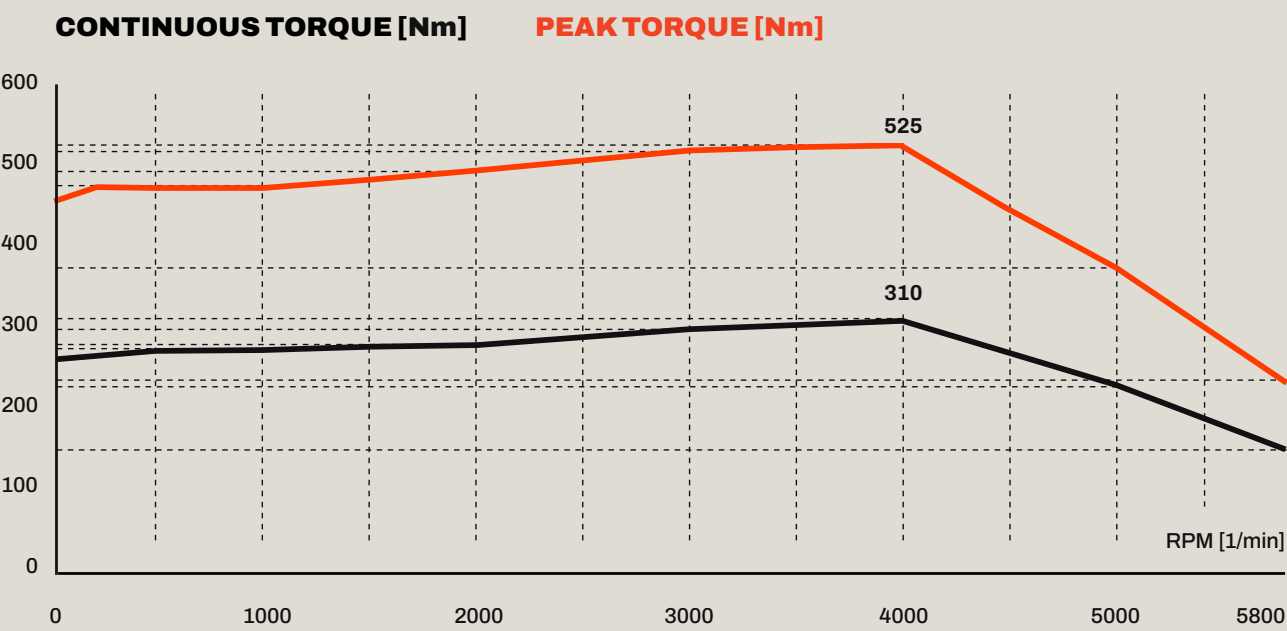
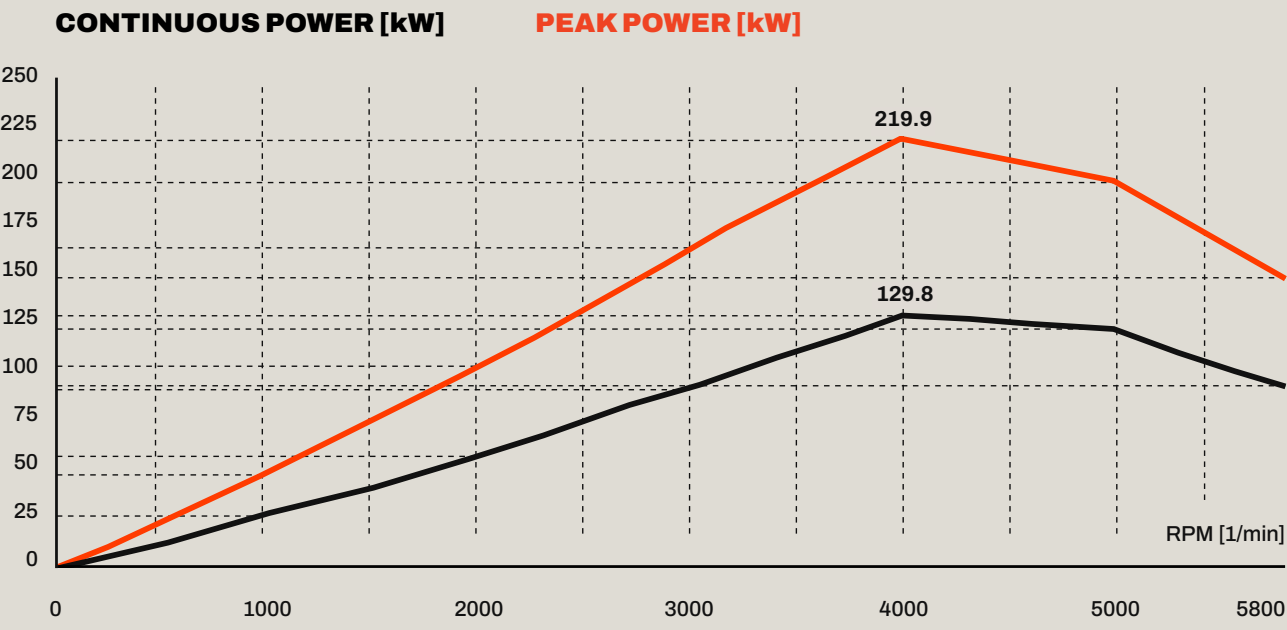
AXM2 - CHARTS



AXM3 - OVERVIEW

Motor	AXM3			
Winding type	EXTRA HIGH Voltage (850Vdc)	HIGH Voltage (800Vdc)	MEDIUM Voltage (550Vdc)	LOW Voltage (400Vdc)
Peak power	135 kW (at 2500RPMs)	220 kW		
Continuous power	80 kW (at 2500 RPMs)	130 kW		
Peak torque	525 Nm			
Continuous torque	310 Nm			
Maximum motor speed	3200 RPM	5800 RPM		
Continuous motor speed	2500 RPM	4000 RPM		
Peak current	200 Arms	400 Arms	580 Arms	790 Arms
Continuous current	115 Arms	235 Arms	340 Arms	460 Arms
Weight	27 kg			
Rotor inertia	0,0845kgm^2			
Kv at no load	4.1	8.3	12	16.3
Kv at continuous torque	3.2	6.5	9.5	12.9
Kv at peak torque	2.85	5.8	8.4	11.45
Torque constant	2,5 Nm/Arms	1,22 Nm/Arms	0,84 Nm/Arms	0,62 Nm/Arms
Motor type	3-phase AC PM	3-phase AC PM	3-phase AC PM	3-phase AC PM

AXM3 - CHARTS



AXM4 - OVERVIEW

Motor	AXM4		
Winding type	HIGH Voltage (850Vdc)	MEDIUM Voltage (750Vdc)	LOW Voltage (550Vdc)
Peak power	300 kW (at 3000 RPMs)	430 kW	
Continuous power	230 kW	230 kW	
Peak torque	950 Nm		
Continuous torque	600 Nm		
Maximum motor speed	4500 RPM		
Continuous motor speed	3600 RPM		
Peak current	440 Arms	630 Arms	850 Arms
Continuous current	280 Arms	400 Arms	525 Arms
Weight	48 kg		
Rotor inertia	0,308kgm^2		
Kv at no load	5.6	8	10.5
Kv at continuous torque	4.35	6.15	8.25
Kv at peak torque	3.85	5.55	7.3
Torque constant	2,07 Nm/Arms	1,45 Nm/Arms	1,1 Nm/Arms
Motor type	3-phase AC PM	3-phase AC PM	3-phase AC PM

AXM4 - CHARTS

