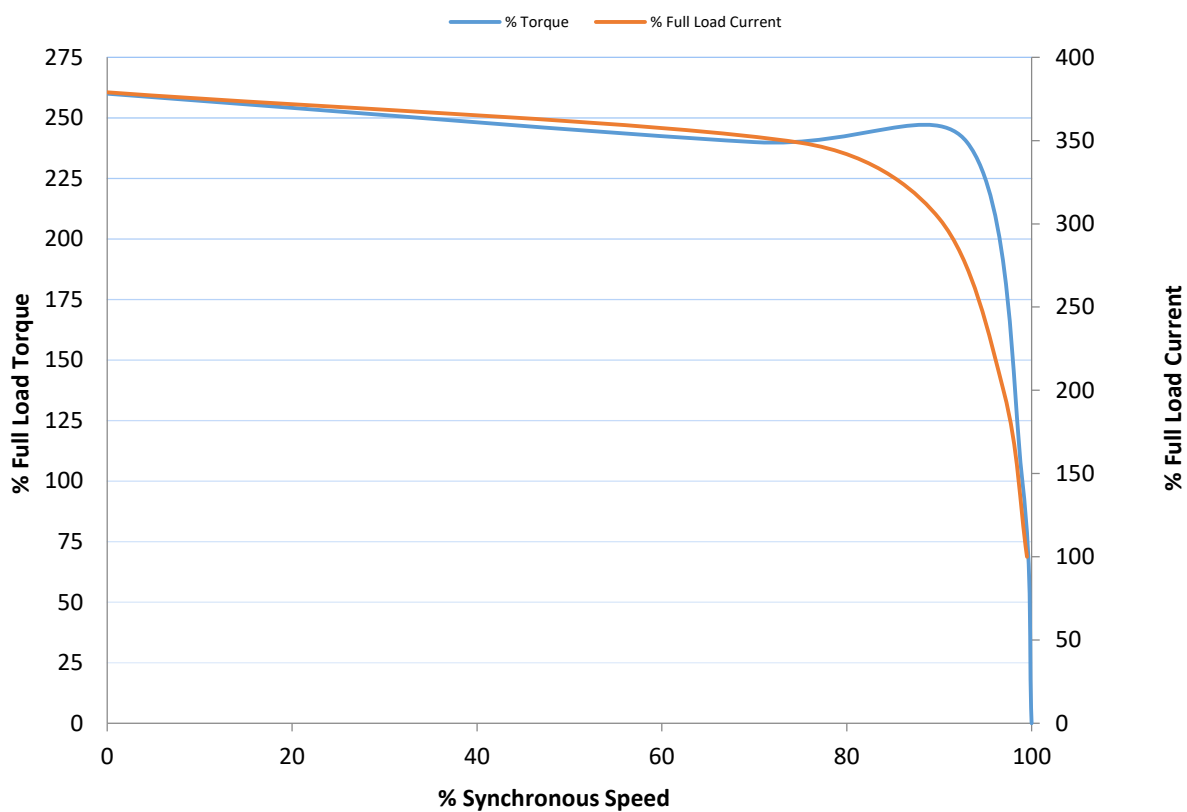


Type		:	MAXe3 Mining Series TEFC Squirrel Cage Induction Cast Iron Frame			
Input Supply		:	3 Phase , 415 V, 50 Hz			
Degree of Protection		:	IP66			
Mounting Arrangement		:	IM 1001			
Cooling Class		:	IC411			
Insulation / Temperature Rise		:	Class H / ≤ 80°C			
Ambient Condition		:	40 °C			
Altitude		:	≤ 1000 Metres above sea level			
Application		:	Direct			
Starting Method		:	DOL			
Service Factor		:	1.20 at Class B rise			
Rotation		:	Bi-Directional			
Bearing Grease Lubrication		:	Greased for life			
Bearing Type		:	DE:	6202ZZC3	NDE:	6202ZZC3
Terminal Box Type		:	Cast Iron			
kW Rating		:	0.18			
Pole		:	6			
Full Load Speed (Rpm)		:	910			
Frame Size		:	D71			
Efficiency	@ 100% Loading	:	61.0			
	@ 75% Loading	:	57.0			
	@ 50% Loading	:	50.0			
Power Factor	@ 100% Loading	:	64.0			
	@ 75% Loading	:	55.0			
	@ 50% Loading	:	44.0			
Full Load Current (A)		:	0.7			
Starting Current in %		:	379.0			
Starting Current (A)		:	2.5			
Lock Rotor Torque (% of FLT)		:	260			
Pull-up Torque (% of FLT)		:	240			
Breakdown Torque (% of FLT)		:	280			
Full Load Torque (Nm)		:	1.89			
Safe Stall Time	Hot (s)	:	18			
	Cold (s)	:	35			
Rotor Inertia in J = GD²/4 (kg.m²)		:	0.0018			
Max. Load Inertia in J = GD²/4 (kg.m²)		:	0.1750			
Approx. Weight (kG)		:	12			

Torque Speed Current Curve



Efficiency & Power Factor Load Curve

