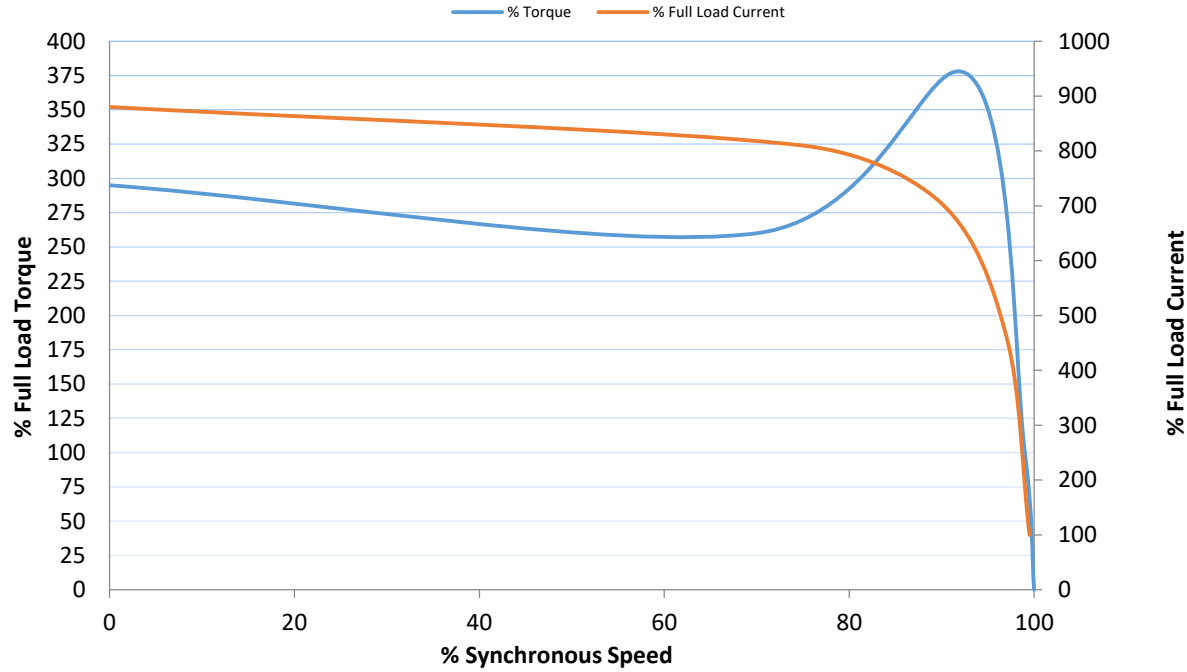


Type		:	MAXe3 Mining Series TEFC Squirrel Cage Induction Cast Iron Frame			
Input Supply		:	3 Phase , 415 V, 50 Hz			
Degree of Protection		:	IP66			
Mounting Arrangement		:	IM 1001			
Cooling Class		:	IC411			
Insulation / Temperature Rise		:	Class H / ≤ 80°C			
Ambient Condition		:	40 °C			
Altitude		:	≤ 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:	6204ZZC3	NDE:	6204ZZC3
Terminal Box Type		:	Cast Iron			
kW Rating		:	0.75			
Pole		:	4			
Full Load Speed (Rpm)		:	1440			
Frame Size		:	D80			
Efficiency	@ 100% Loading	:	82.5			
	@ 75% Loading	:	82.0			
	@ 50% Loading	:	79.0			
Power Factor	@ 100% Loading	:	77.6			
	@ 75% Loading	:	67.7			
	@ 50% Loading	:	52.6			
Full Load Current (A)		:	1.7			
Starting Current in %		:	880.2			
Starting Current (A)		:	15			
Lock Rotor Torque (% of FLT)		:	295			
Pull-up Torque (% of FLT)		:	260			
Breakdown Torque (% of FLT)		:	375			
Full Load Torque (Nm)		:	4.97			
Safe Stall Time	Hot (s)	:	14			
	Cold (s)	:	27			
Rotor Inertia in J = GD²/4 (kg.m²)		:	0.0033			
Max. Load Inertia in J = GD²/4 (kg.m²)		:	0.0883			
Noise Pressure Level @ 1 Metre No Load (dBA)		:	47.00			
Approx. Weight (kG)		:	19			

Torque Speed Current Curve



Efficiency & Power Factor Load Curve

