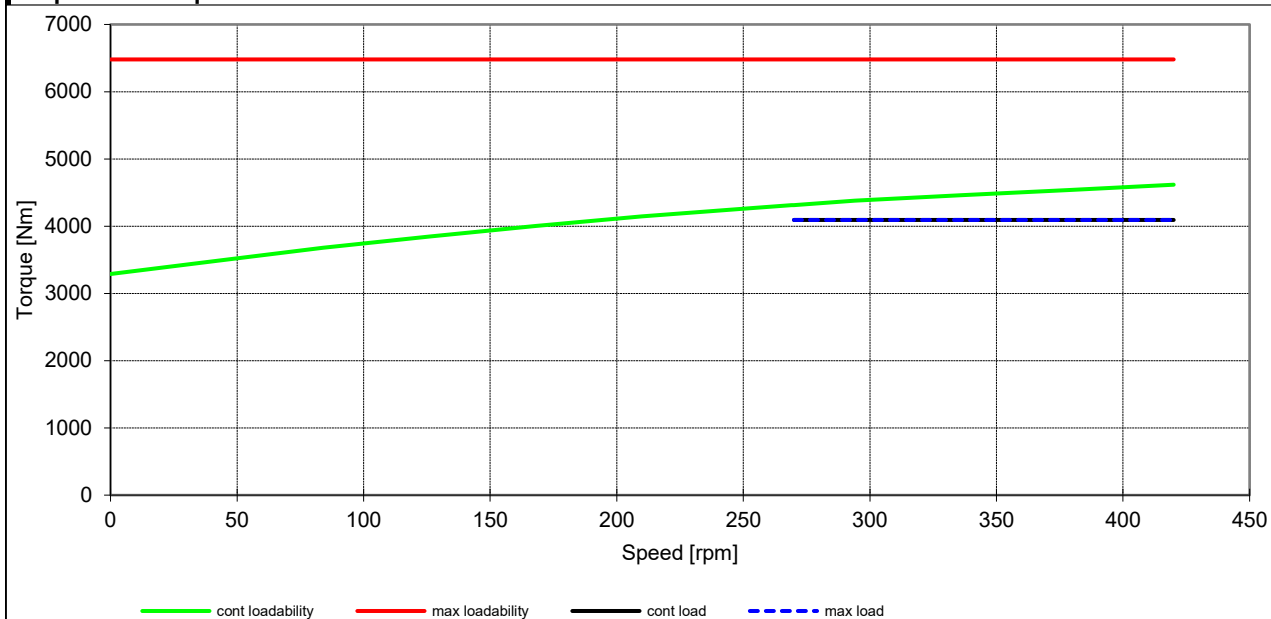




Motor Technical Data Sheet				M3BP 400LB 12			
Item No. 1.1.1							
Specifications			Catalogue data				
Name	[undefined]		Product code		3GBP406520-ADG		
No.of motors	1		Voltage [V]		400		
Motor type	IEC 34 motor		Frequency [Hz]		50		
MEPS	EU - MEPS		Power [kW]		200		
FrameMaterial	Not specified		Poles		12		
Family	Not specified		Speed [rpm]		495		
Polenumber	12		Max mech.speed [rpm]		1800		
Term. box location	Top		Current [A]		385		
Efficiency	Not specified		Torque [Nm]		3857		
Winding	Standard and restamp		Tmax/Tn		2,4		
Design	BASIC		Power factor		0,79		
Connection	Not specified		Efficiency [%]		94,6		
IP class	IP55		MEPS		NOT DEFINED		
IC class	IC411 self ventilated		Winding		standard		
IM class	IM1001, B3(foot)		Temperature rise class		B		
Max. speed rule	Not Specified		Insulation class		F		
Insulation	Standard		Temperature rise [K]		65		
Temp. rise	F (<105 K)		Inertia [kgm2]		24		
Temp reserve	Utilize		Calc ID		LKH86840		
Tmax margin	43 %						
Load type		Const. torque/power	Calculations	Required	Result	Margin	
Overload Type	Simple		Torque [Nm]				
n min [rpm]	270		n min	4093	4329	6 %	
n base [rpm]	420		n base	4093	4627	13 %	
n max [rpm]	420		n max	4093	4627	13 %	
Pbase [kW]	180		Power [kW]				
Olbase [%]	100		n min	116	122	6 %	
Olmax [%]	100		n base	180	203	13 %	
Temperature [°C]	40		n max	180	203	13 %	
Altitude [m]	1000		Overload [Nm]				
Ol definition:	RMS 10min		n min	4093	6480	58 %	
270-420 rpm / 100 %	590s		n base	4093	6480	58 %	
270-420 rpm / 100 %	10s		n max	4093	6480	58 %	

Graph: load torques



VSD Rating	
	Min Speed
Voltage	218,2 V
Frequency	27,3 Hz
Output power	116 kW
Speed	270 rpm
Current	405,1 A
Load torque	4093 Nm
	Base Speed
Voltage	339,4 V
Frequency	42,4 Hz
Output power	180 kW
Speed	420 rpm
Current	405,1 A
Load torque	4093 Nm
	Max Speed
Voltage	339,4 V
Frequency	42,4 Hz
Output power	180 kW
Speed	420 rpm
Current	405,1 A
Load torque	4093 Nm