DATA SHEET
JEMCO

الکتروموتور ۴۵۰ کیلووات ۳۰۰۰ دور ماشینهای الکتریکی جوین (جمکو)

Subject: Low voltage squirrel cage induction motors

Customer				Manufacturer	Jemco
Motor Type	YU1403-2AO			Average sound pressure level	No load / load
Frame Size	400L	Number of poles	2		
Mounting design	IM B3	Type of encloser	IP-55	Direction of rotation	both ☐ CW CCW ☐
EX-Protective system	safe			Bearing DE/NDE	Nu217ECMC3/Nu217ECMC3
Duty type	S1	Starting		Lubrication	Li Base Grease
Ambient Temperture		40 C		Type of lubrication	K3N Din 51825
Thermal classification	F	Tempertur rise	B	typical Test	IEC60034-1
Term motor protection		optional		outline dimention drawing No.	available
Retad output		450 KW		Location of Terminal Box	top
rated voltage			380V	Number of terminals	6
connection	DELTA			space heater	optional
Ferquency	50 HZ.	speed	2980 rpm	Net weight approx.	2470Kg
Rated current		767	A	painting	RAL 7032
Starting Current	(I_s/I_N)	7		Termal Protection	optional
Power Factor	4/4	3/4	1/2	Additional Sensor	optional
	0.89			Frame Material	cast iron
Efficiency	4/4	3/4	1/2		
	95.5%				
Rated torque	(T_N)	1442	Nm		
starting torque	$(T_s/T_N)=$	1.2			
Break-down torque	$(T_{max}/T_N)=$	1.8		Additional data and remarks:	
Rotor class/material	squirrel cage	Aluminium		1- permisslbie percentage Voltage imbalance not greater than1%	
Rotor voltage	Rotor current			2-Cold Starting per Hour(3)	
Rotor inertia	8.25 Kgm2			3- Hot Starting per Hour(2)	
cooling method	IC411			4- Maximum Hot starting Time not more than 60 second	
altitude of instalation	1000m			5- Maximum cold Time not more than 80 second	

	Date	Name	Tolerances acc. To	NO.
Designed				
checked				