



DATA SHEET JEMCO



الکتروموتور ۱۰۰۰ کیلووات ۱۵۰۰ دور ماشینهای الکتریکی جوبین (جمکو)

Subject: Medium voltage squirrel cage induction motors

Customer				Manufacturer Jemco					
Motor Type YK1501-4AO				Average sound pressure level		No load	load		
Frame Size 500	Number of poles 4								
Mounting design IM B3	Type of encloser IP55			Direction of rotation both ☐ CW ☐ CCW ☐					
EX-Protective syster safe				Bearing DE/NDE NU328-c3/6328-c3					
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 1000KW				Location of Terminal Box optional					
rated voltage 6000V+-5%				Additional Sensor optional					
connection DELTA				space heater optional					
Ferquency 50 HZ.	speed 1489 rpm			Net weight approx. 4790 Kg+-10%					
Rated current 111 A				painting RAL 7032					
Starting Current (I_A/I_N) 6.5				Termal Protection optional					
Power Factor		4/4	3/4	1/2	Additional Sensor optional				
		0.87			Frame Material Structural Steel				
Efficiency		4/4	3/4	1/2	Additional data and remarks: 1- permisslbie percentage Voltage imbalance not greater than1% 2-Cold Starting per Hour(3) 3- Hot Starting per Hour(2) 4- Maximum Hot starting Time not more than 60 second 5- Maximum cold Time not more than 80 second				
		95.3							
Rated torque (T_N) 6413									
starting torque $(T_s/T_N)=$ 0.7									
Break-down torque $(T_{max}/T_N)=$ 1.8									
Rotor class/material squirrel cage copper									
Rotor voltage		Rotor current							
Rotor inertia		23.75 Kgm2							
cooling method		IC611							
altitude of instalation		1000m							
	Date	Name	Tolerances acc. To		NC.				
Designed									
checked									

