



DATA SHEET JEMCO



الکتروموتور ۷.۵ کیلووات ۱۵۰۰ دور ماشینهای الکتریکی جوبن (جمکو)

Subject: Low voltage squirrel cage induction motors

Customer				Manufacturer Jemco			
Motor Type YD1132-4AO				Average sound pressure level		No load	
Frame Size 132M		load					
Number of poles 4		Direction of rotation both ☐ CW ☐ CCW ☐					
Mounting design IM B3		Type of encloser IP55		Bearing DE/NDE 6314-c3/6314-c3			
EX-Protective system safe		Duty type S1		Lubrication Li Base Grease			
Starting		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 7.5KW				Location of Terminal Box top			
rated voltage 380V				Number of terminals 6			
connection DELTA				space heater optional			
Ferquency 50 HZ.		speed 1451 rpm		Net weight approx. 76 Kg			
Rated current 15.6 A				painting RAL 7032			
Starting Current (I_A/I_N) 6.9				Termal Protection optional			
Power Factor		4/4		3/4		Additional Sensor optional	
		0.83		1/2		Frame Material cast iron	
Efficiency		4/4		3/4			
		87.8		1/2			
Rated torque (T_N) 49 Nm				Additional data and remarks: 1- permisslbie percentage Voltage imbalance not greater than 1% 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			
starting torque $(T_s/T_N)=$ 2.6							
Break-down torque $(T_{max}/T_N)=$ 2.6							
Rotor class/material squirrel cage		Aluminium					
Rotor voltage		Rotor current					
Moment of inertia 0.025 Kgm2							
cooling method IC411							
altitude of instalation 1000m							
Date		Name		Tolerances acc. To		NO.	
Designed							
checked							