



DATA SHEET

JEMCO



الکتروموتور 7.5 کیلووات 1000 دور ماشینهای الکتریکی جوین (جمکو)

Subject: Low voltage squirrel cage induction motors

Customer			Manufacturer Jemco		
Motor Type YD1161-6AO			Average sound pressure level	No load	load
Frame Size 160M	Number of poles 6				
Mounting design IM B3	Type of encloser IP-55		Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
EX-Protective system safe			Bearing DE/NDE 6309-c3/6309-c3		
Duty type S1	Starting		Lubrication Li Base Grease		
Ambient Temperature 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 7.5 KW			Location of Terminal Box top		
rated voltage 380V			Number of terminals 6		
connection DELTA			space heater optional		
Ferquency 50 HZ.	speed 960 rpm		Net weight approx. 127 Kg		
Rated current 18 A			painting RAL 7032		
Starting Current (I_A/I_N) 4.8			Termal Protection optional		
Power Factor	4/4	3/4	1/2	Additional Sensor optional	
	0.74			Frame Material cast iron	
Efficiency	4/4	3/4	1/2		
	85.8				
Rated torque (T_N) 74.6 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					
Break-down torque $(T_{max}/T_N)=$ 2.5					
Rotor class/material squirrel cage		Aluminium			
Rotor voltage	Rotor current				
Moment of inertia 0.050 Kgm2					
cooling method IC411					
altitude of instalation 1000m					
	Date	Name	Tolerances acc. To		NO.
Designed					
checked					