



# DATA SHEET

## JEMCO



الکتروموتور ۷.۵ کیلووات ۳۰۰۰ دور ماشینهای الکتریکی جوبین (جمکو)

**Subject: Low voltage squirrel cage induction motors**

Customer			Manufacturer <b>Jemco</b>			
Motor Type		YD1132-2AO		Average sound pressure level	No load	load
Frame Size	132S	Number of poles	2			
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	2930 rpm	Net weight approx. 71 Kg		
Rated current	14.6 A		painting RAL 7032			
Starting Current	(I <sub>A</sub> /I <sub>N</sub> ) 7		Ternal Protection optional			
Power Factor	4/4	3/4	1/2	Additional Sensor optional		
	0.9	Frame Material cast iron				
Efficiency	4/4	3/4	1/2	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		
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Rated torque	(T <sub>N</sub> )	24 Nm				
starting torque	(T <sub>s</sub> /T <sub>N</sub> )=	2.2				
Break-down torque	(T <sub>max</sub> /T <sub>N</sub> )=	2.7				
Rotor class/material	squirrel cage		Aluminium			
Rotor voltage	Rotor current					
Moment of inertia	0.020 Kgm2					
cooling method	IC411					
altitude of instalation	1000m					
	Date	Name	Tolerances acc. To		NO.	
Designed						
checked						