



DATA SHEET JEMCO



الکتروموتور ۵۶۰ کیلووات ۱۵۰۰ دور ۶۰۰۰ ولت اسلیرینگ ماشینهای الکتریکی جوبن (جمکو)

Subject: Medium Voltage (6000V) Wound Rotor Motors

Customer				Manufacturer				Jemco				
Motor Type				YR1451-4AO				Average sound pressure level		No load	load	
Frame Size		450		Number of poles		4						
Mounting design		IM B3		Type of encloser		IP55		Direction of rotation				both ☐ CW ☐ CCW ☐
EX-Protective system				safe				Bearing DE/NDE				NU326ECM-C3/6326-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				560KW				Location of Terminal Box				optional
rated voltage				6000V+-5%				Additional Sensor				optional
connection				Y				space heater				optional
Ferquency		50 HZ.		speed		1481 rpm		Net weight approx.				4020 Kg+-10%
Rated current				64 A				painting				RAL 7032
Rating Current of Roto (I _A /I _N)				630				Termal Protection				optional
Power Factor		4/4		3/4		1/2		Additional Sensor				optional
		0.85						Frame Material				Structural Steel
Efficiency		4/4		3/4		1/2		*In these motor series, production of electromotors are possible in the range of 3000~10000 Volt.				
		94.2										
Voltage of Rotor				545				* Motor up 10MW can be manufactuerd according to customer order				
Rated torque (T _N)				3611								
Break-down torque (T _{max} /T _N)=				1.8				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				
Rotor class/material				squirrel cage copper								
Rotor voltage		Rotor current										
Starting Method		Oil Starter										
cooling method		IC611										
altitude of instalation		1000m										
	Date	Name		Tolerances acc. To				NO.				
Designed												
checked												

