



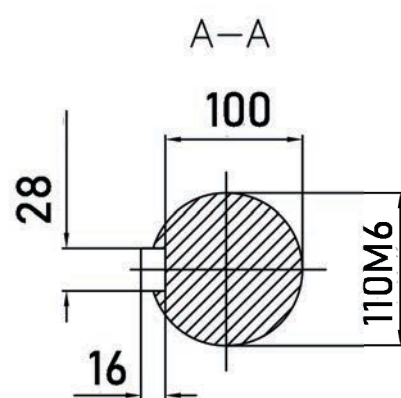
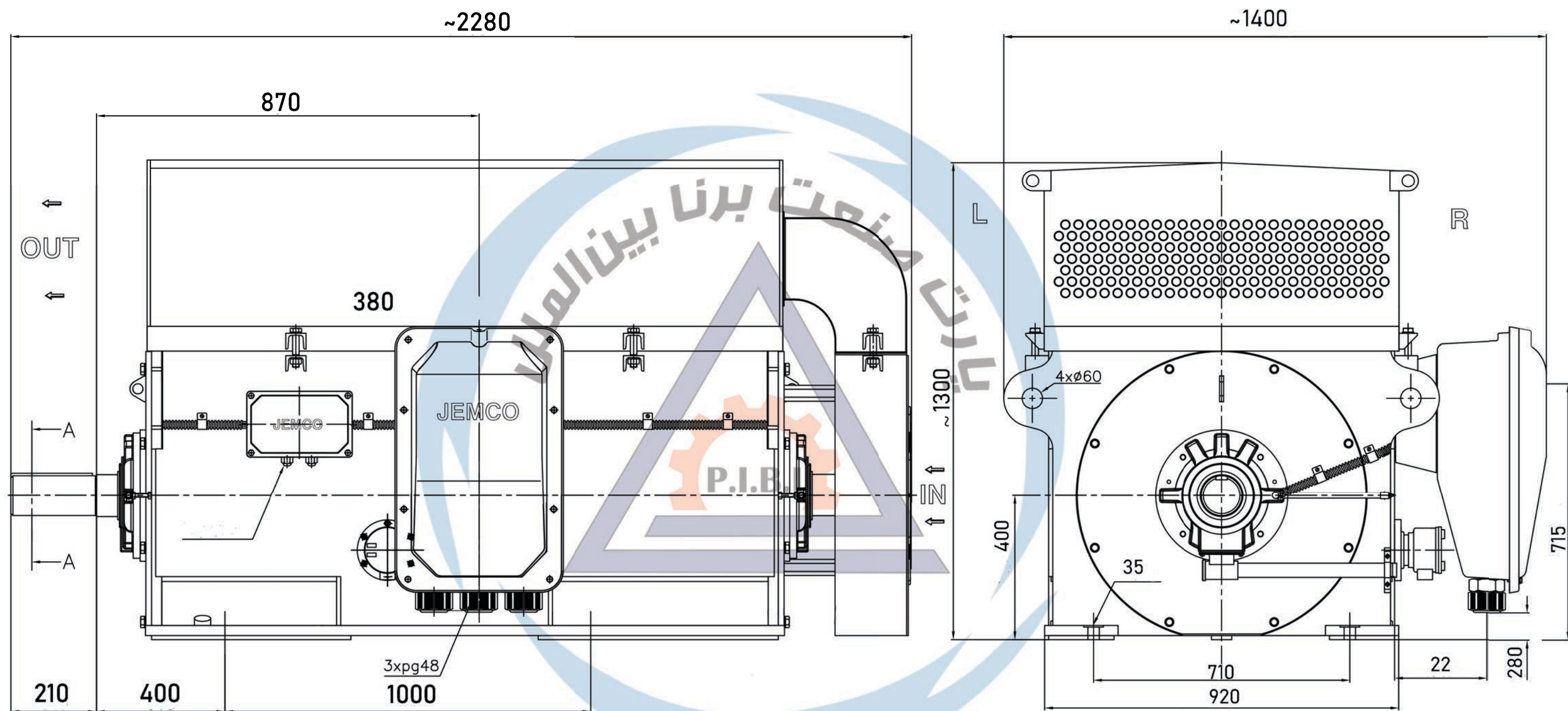
DATA SHEET JEMCO



الکتروموتور ۵۰۰ کیلووات ۱۵۰۰ دور ماشینهای الکتریکی جوبین (جمکو)

Subject: Medium voltage squirrel cage induction motors

Customer				Manufacturer Jemco					
Motor Type YK1404-4AO				Average sound pressure level		No load	load		
Frame Size 400	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 NU324-c3/6324-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 500KW				Location of Terminal Box optional					
rated voltage 6000V+-5%				Additional Sensor optional					
connection DELTA				space heater optional					
Ferquency 50 HZ.	speed 1485 rpm			Net weight approx. 3250 Kg+-10%					
Rated current 56 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 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				
		94.3							
Rated torque (T_N) 3215									
starting torque $(T_s/T_N)=$ 0.8									
Break-down torque $(T_{max}/T_N)=$ 1.8									
Rotor class/material squirrel cage copper									
Rotor voltage		Rotor current							
Rotor inertia		12.00 Kgm2							
cooling method		IC611							
altitude of instalation		1000m							
	Date	Name	Tolerances acc. To		NC.				
Designed									
checked									



کلیه ابعاد بر حسب میلی متر است
امکان تولید الکتروموتور بر طبق ابعاد مورد نظر مشتری وجود دارد.
سایر ولتاژها نیز قابل طراحی و تولید می باشد.

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Additional Information: Electromotor 500 Kw-6000Vlt-1500RPM				
Type Of Construction:	IMB3	Drawn		Title: Outline drawing
Protection:	IP55	Checked		
Ref.Dwg.No.		Approved		
Project No.	1	Date		Order No.: YK1404-4A0
Sheet: 1/1	Size: A3	Name		
Jovain electrical machines Co. (JEMCO) Engineering Dept.				