



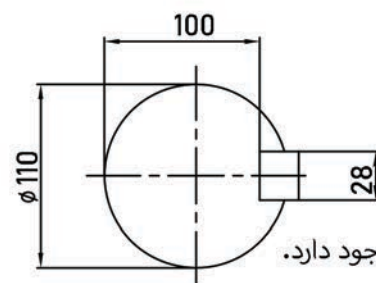
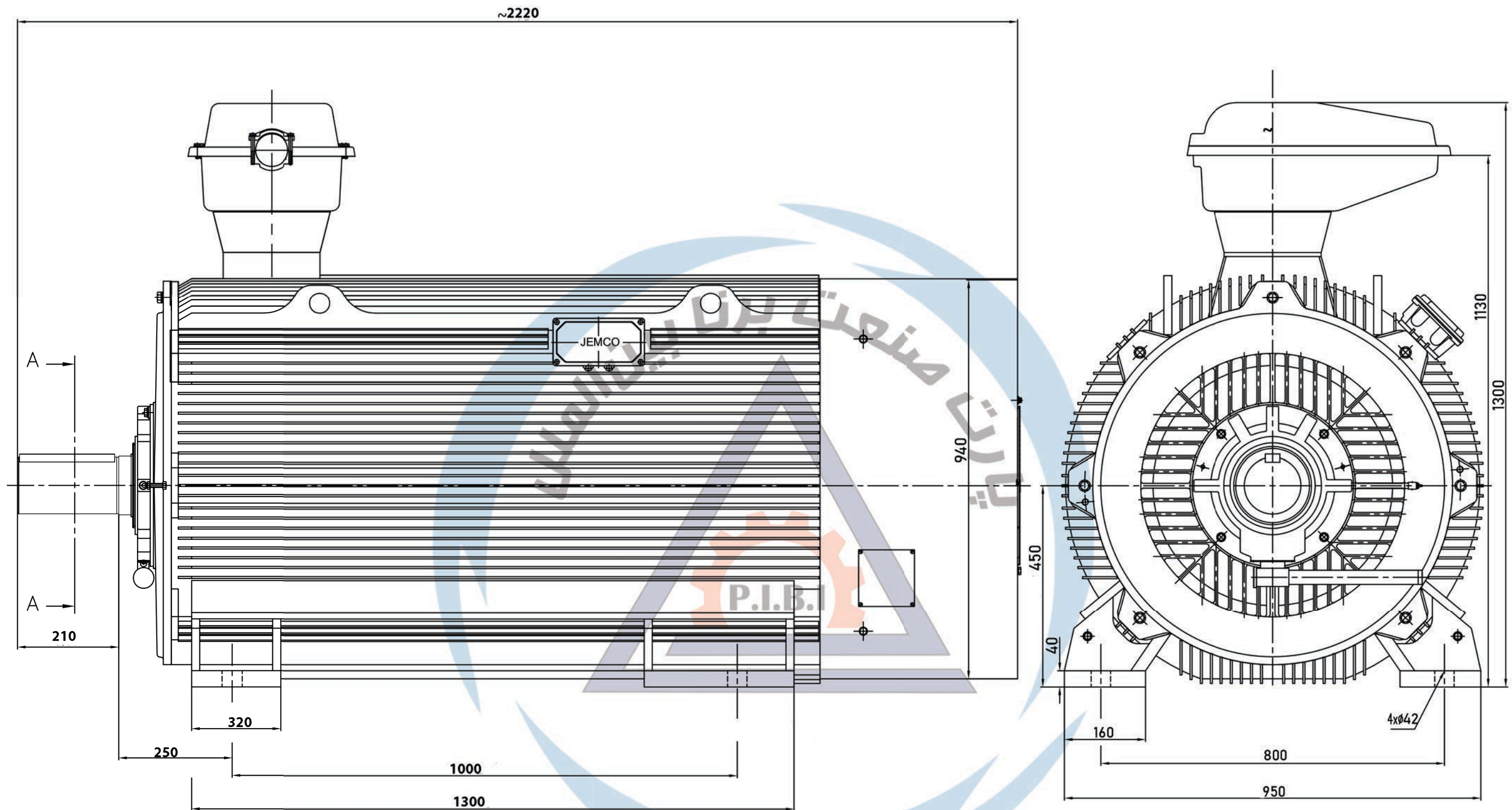
DATA SHEET JEMCO



الکتروموتور ۵۰۰ کیلووات ۱۵۰۰ دور ماشینهای الکتریکی جوبین (جمکو)

Subject: Medium voltage squirrel cage induction motors

Customer				Manufacturer Jemco						
Motor Type YJS450-4				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 syster safe				Bearing DE/NDE 6324-C3 / 6322-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. 3850 Kg+-10%						
Rated current 57.6 A				painting RAL 7032						
Starting Current (I_A/I_N) 6.38				Termal Protection optional						
Power Factor		4/4	3/4	1/2	Additional Sensor optional					
		0.89			Frame Material Structural Steel					
Efficiency		4/4	3/4	1/2	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					
		95								
Rated torque (T_N)										
starting torque $(T_s/T_N)=$ 0.80										
Break-down torque $(T_{max}/T_N)=$ 1.82										
Rotor class/material		squirrel cage		copper						
Rotor voltage		Rotor current								
Rotor inertia		140 Kgm2								
cooling method		IC411								
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-6Kv-4Pole

Type Of Construction:
IMB3

Protection:
IP55

Cooling:
IC411

Sheet: 1/1

Size: A3

Drawn		
Checked		
Approved		Engineering Dept.
	Date	Name

Jovain electrical machines Co.
(JEMCO)
Engineering Dept.



Title:

Outline drawing

Order No.:

YJS 450-4