



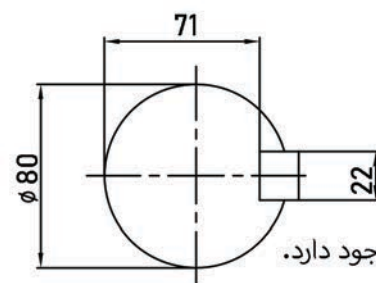
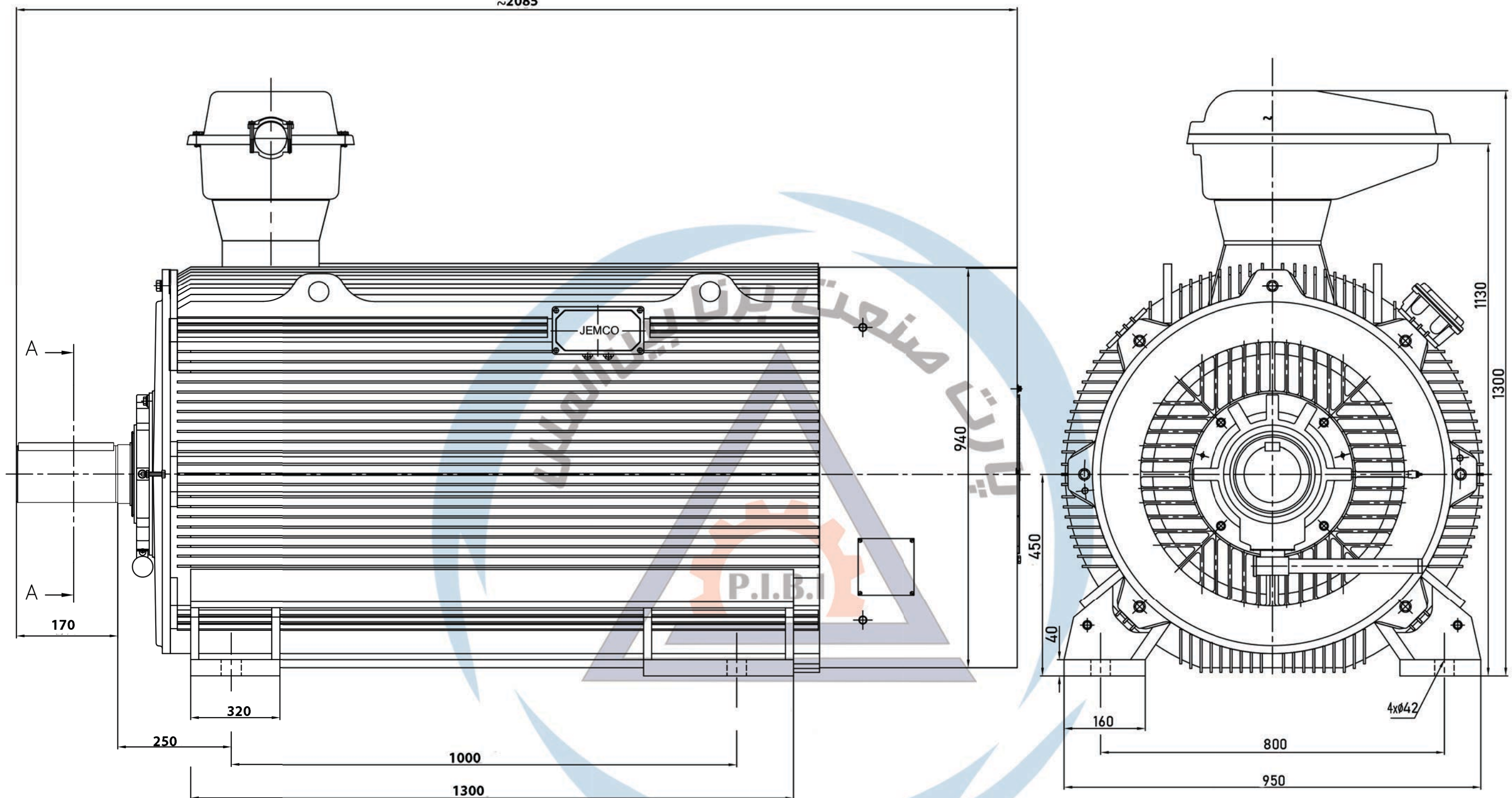
DATA SHEET JEMCO



الکتروموتور ۴۵۰ کیلووات ۳۰۰۰ دور ماشینهای الکتریکی جوبین (جمکو)

Subject: Medium voltage squirrel cage induction motors

Customer				Manufacturer Jemco						
Motor Type YJS450-2				Average sound pressure level		No load	load			
Frame Size 450	Number of poles 2									
Mounting design IM B3	Type of encloser IP55			Direction of rotation both ☐ CW ☐ CCW ☐						
EX-Protective syster safe				Bearing DE/NDE 6317M-C3 / 6317M-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 450KW				Location of Terminal Box optional						
rated voltage 6000V+-5%				Additional Sensor optional						
connection DELTA				space heater optional						
Ferquency 50 HZ.	speed 2979 rpm			Net weight approx. 3500 Kg+-10%						
Rated current 52.5 A				painting RAL 7032						
Starting Current (I_A/I_N) 6.85				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					
		94.5								
Rated torque (T_N)										
starting torque $(T_s/T_N)=$ 0.64										
Break-down torque $(T_{max}/T_N)=$ 1.8										
Rotor class/material squirrel cage copper										
Rotor voltage		Rotor current								
Rotor inertia 49 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 450Kw-6Kv-2Pole

Type Of Construction:
IMB3

Protection:
IP55

Cooling:
IC411

Sheet: 1/1

Size: A3

Drawn

Checked

Approved

Date

Jovain electrical machines Co.

(JEMCO)

Engineering Dept.

Title:

Outline drawing

Order No.:

YJS 450-2