



DATA SHEET

JEMCO



الکتروموتور ۲۲ کیلووات ۱۵۰۰ دور ماشینهای الکتریکی جوین (جمکو)

Subject: Low voltage squirrel cage induction motors

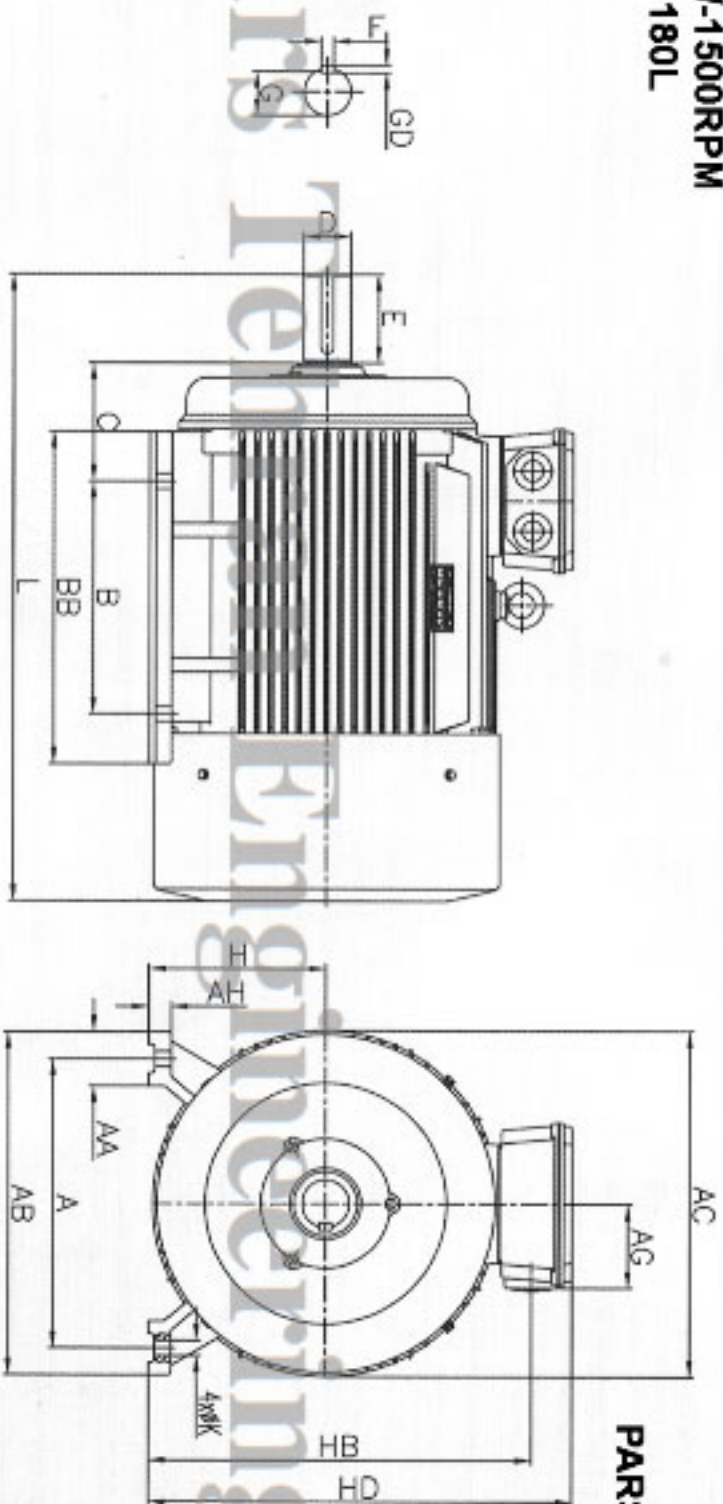
Customer			Manufacturer Jemco		
Motor Type YD1182-4AO			Average sound pressure level	No load	load
Frame Size 180L	Number of poles 4				
Mounting design IM B3	Type of encloser IP55		Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
EX-Protective system safe			Bearing DE/NDE 6311-c3/6311-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 22KW			Location of Terminal Box top		
rated voltage 380V			Number of terminals 6		
connection DELTA			space heater optional		
Ferquency 50 HZ.	speed 1470 rpm		Net weight approx. 182 Kg		
Rated current 42 A			painting RAL 7032		
Starting Current (I_A/I_N) 7			Ternal Protection optional		
Power Factor	4/4	3/4	1/2	Additional Sensor optional	
	0.86			Frame Material cast iron	
Efficiency	4/4	3/4	1/2		
	91.5				
Rated torque (T_N) 143 Nm			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		
starting torque $(T_s/T_N)=$ 2.2					
Break-down torque $(T_{max}/T_N)=$ 2.8					
Rotor class/material squirrel cage		Aluminium			
Rotor voltage	Rotor current				
Moment of inertia 0.138 Kgm2					
cooling method IC411					
altitude of instalation 1000m					
	Date	Name	Tolerances acc. To		NO.
Designed					
checked					

YD1182-4A0

22KW-1500RPM
180L



PARS TEHRAN ENG. CO.



For motor

Dimension symbols to

Frame size	Type NO.	poles	H	A	B	C	D	E	F	G	GD	K	AA	AB	BB	AC	AG	HA	HD	L	HB
180L	YD1182-4A0	4	180	279	279	121	48	110	14	51.5	9	14.5	70	349	349	352	95	22	454	700.5	404

