



DATA SHEET

JEMCO



الکتروموتور ۲۲ کیلووات ۳۰۰۰ دور ماشینهای الکتریکی جوین (جمکو)

Subject: Low voltage squirrel cage induction motors

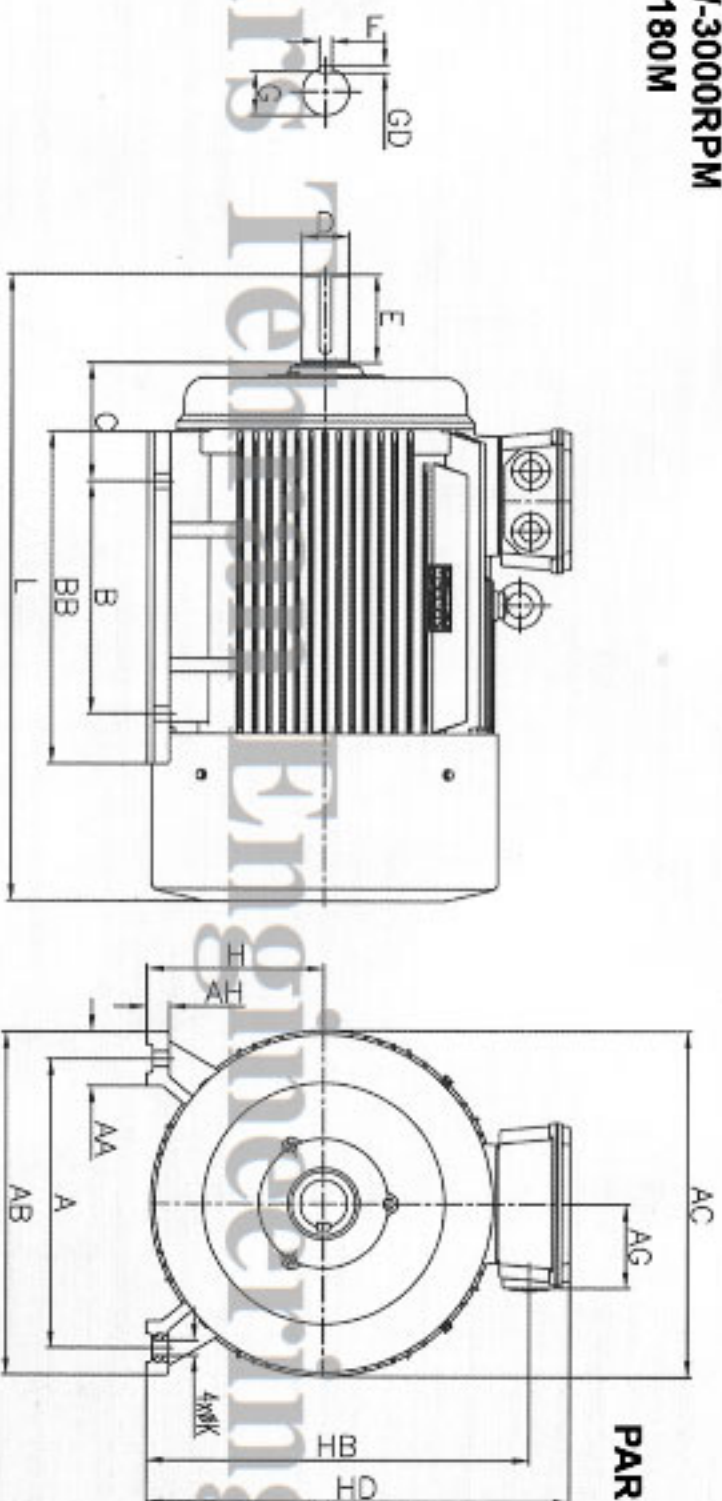
Customer			Manufacturer Jemco			
Motor Type		YD1181-2AO		Average sound pressure level	No load	load
Frame Size	180M	Number of poles	2			
Mounting design	IM B3	Type of encloser	IP-55	Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
EX-Protective system	safe	Bearing DE/NDE		6311-c3/6311-c3		
Duty type	S1	Starting	Lubrication Li Base Grease			
Ambient 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	22 KW		Location of Terminal Box top			
rated voltage	380V		Number of terminals 6			
connection	DELTA		space heater optional			
Ferquency	50 HZ.	speed	2940 rpm	Net weight approx. 171 Kg		
Rated current	43 A		painting RAL 7032			
Starting Current	(I_A/I_N) 7		Termal Protection optional			
Power Factor	4/4	3/4	1/2	Additional Sensor optional		
	0.89			Frame Material cast iron		
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		
	89					
Rated torque	(T_N) 71 Nm					
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	0.070Kgm2					
cooling method	IC411					
altitude of instalation	1000m					
	Date	Name	Tolerances acc. To		NO.	
Designed						
checked						

YD1181-2A0

22KW-3000RPM
180M



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
180M	YD1181-2A0	2	180	279	241	121	48	110	14	51.5	9	14.5	70	349	311	352	95	22	454	662.5	404

