



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

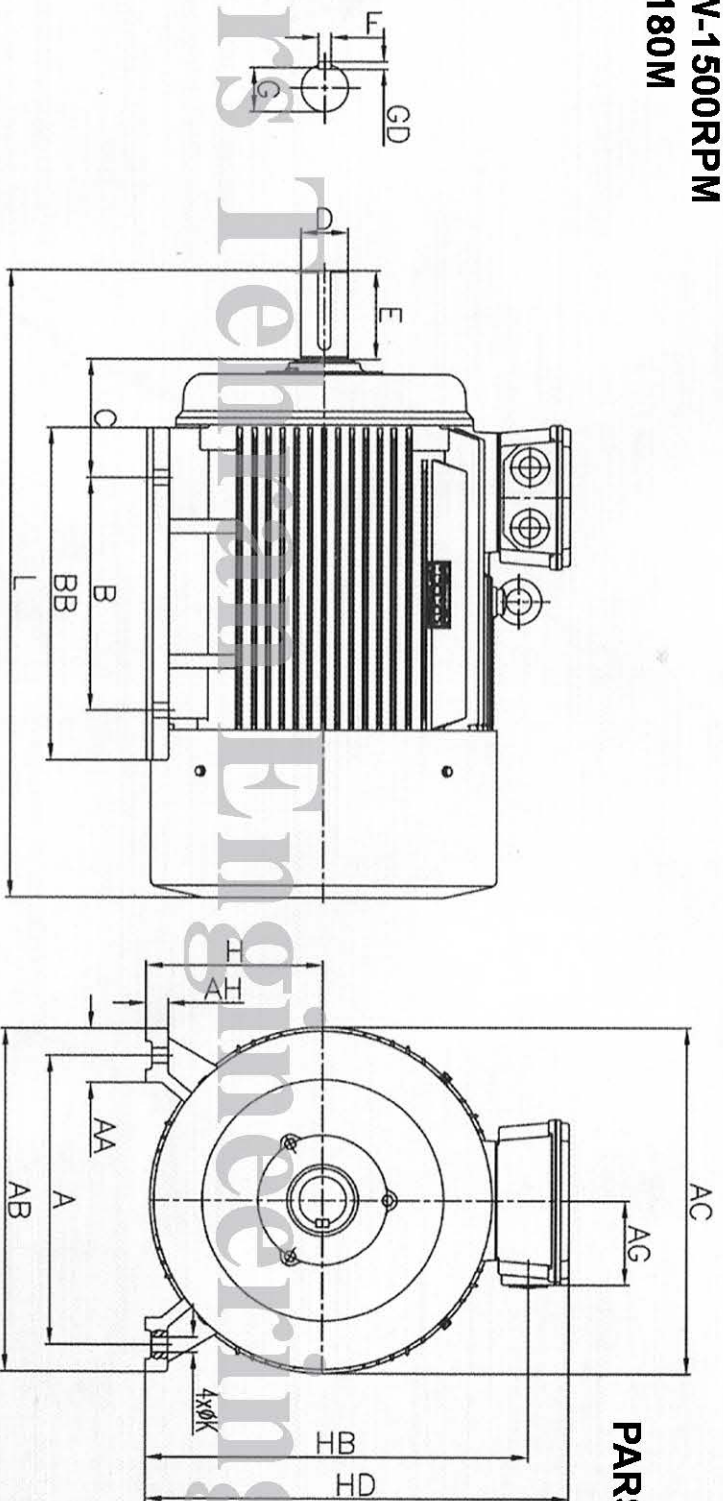
Customer			Manufacturer Jemco						
Motor Type YD1181-4A0		Average sound pressure level		No load	load				
Frame Size 180M	Number of poles 4								
Mounting design B3	Type of encloser IP-55	Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>							
EX-Protective system			Bearing DE/NDE 6208-2z/6208-2z						
Duty type S1	Starting	Lubrication							
Ambient Temperture	55 C		Type of lubrication						
Thermal classification F	Tempertur rise B	Relubrication							
Term motor protection	outline dimation drawing No.								
Retad output 18.5 KW	Location of Terminal Box								
rated voltage 380V	Number of terminals								
connection DELTA	Cable entry thread								
Ferquency 50 HZ.	speed 1473 rpm	Net weight approx. 180 Kg							
Rated current 35 A	Test								
Starting Current (IA/IN) 7	Additional data and remarks: 1- Bearing Brand European :SKF,FAG								
Power Factor						4/4	3/4	1/2	
						0.89			
Efficiency						4/4	3/4	1/2	
	91%								
Rated torque (MN) 120 Nm									
starting torque (MA/MN)=									
Break-down torque (Mk/MN)= 2%									
Rotor class									
Rotor voltage		Rotor current							
Moment of inertia 0.135 Kgm2									
Torque characteristic									
Attachments									
	Date	Name	Tolerances acc. To		NO.				
Designed									
checked									

YD1181-4A0

18.5KW-1500RPM
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	YD1181-4A0	4	180	279	241	121	48	110	14	51.5	9	14.5	70	349	311	352	95	22	454	662.5	404

