



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

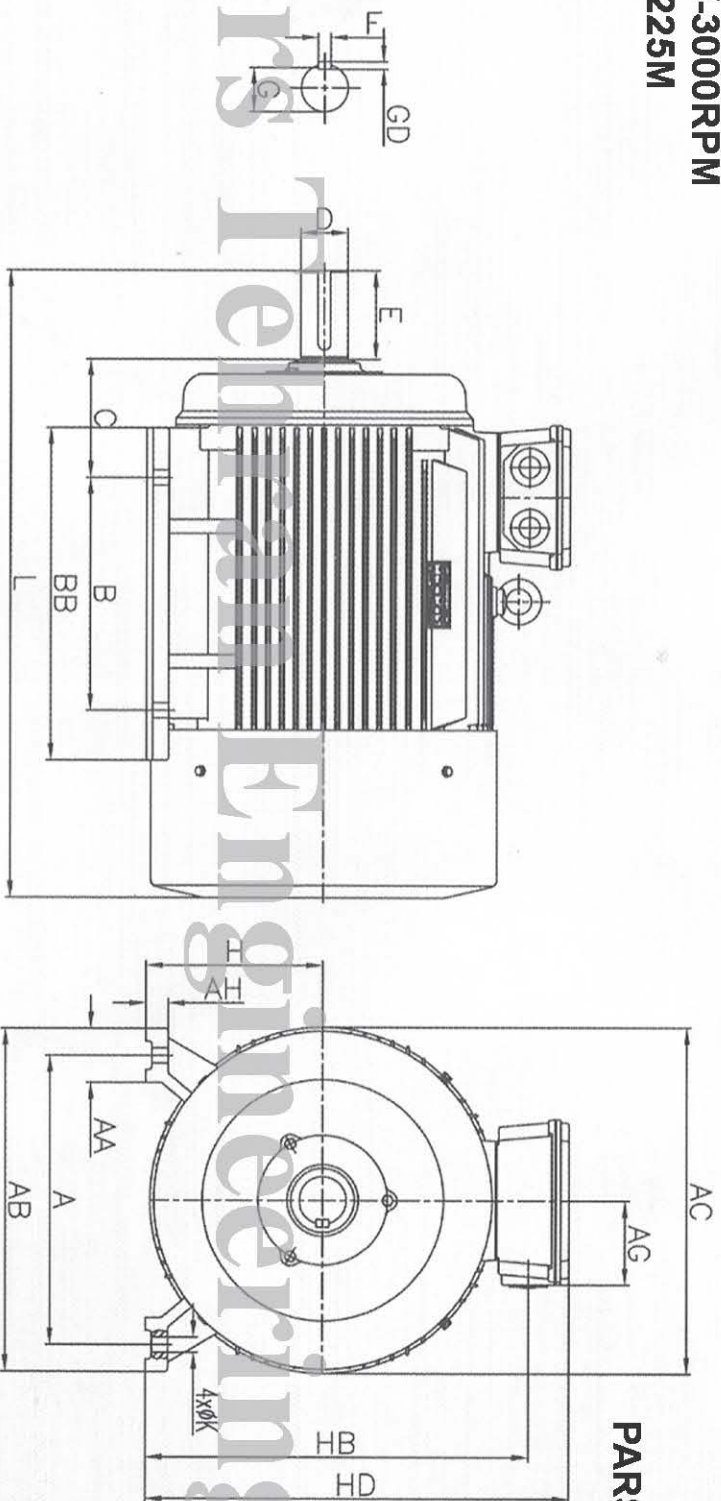
Customer			Manufacturer Jemco			
Motor Type		YD1221-2A0		Average sound pressure level	No load	load
Frame Size	225M	Number of poles	2			
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
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 dimention drawing No.			
Retad output		45 KW		Location of Terminal Box		
rated voltage		380V		Number of terminals		
connection		DELTA		Cable entry thread		
Ferquency	50 HZ.	speed	2969	rpm	Net weight approx. 284 Kg	
Rated current		80		A		Test
Starting Current		(I _A /I _N)		7		Additional data and remarks: 1- Bearing Brand European :SKF,FAG
Power Factor		4/4	3/4	1/2		
		0.91				
Efficiency		4/4	3/4	1/2		
		91.5%				
Rated torque		(M _N)		145 Nm		
starting torque		(M _A /M _N)=				
Break-down torque		(M _k /M _N)= 2%				
Rotor class						
Rotor voltage			Rotor current			
Moment of inertia		0.249 Kgm ²				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To			NO.
Designed						
checked						

YD1221-2A0

45KW-3000RPM
225M



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
225M	YD1221-2A0	2	225	356	311	149	55	110	16	59	10	18.5	75	431	393	446	116	28	552	807	497

