



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

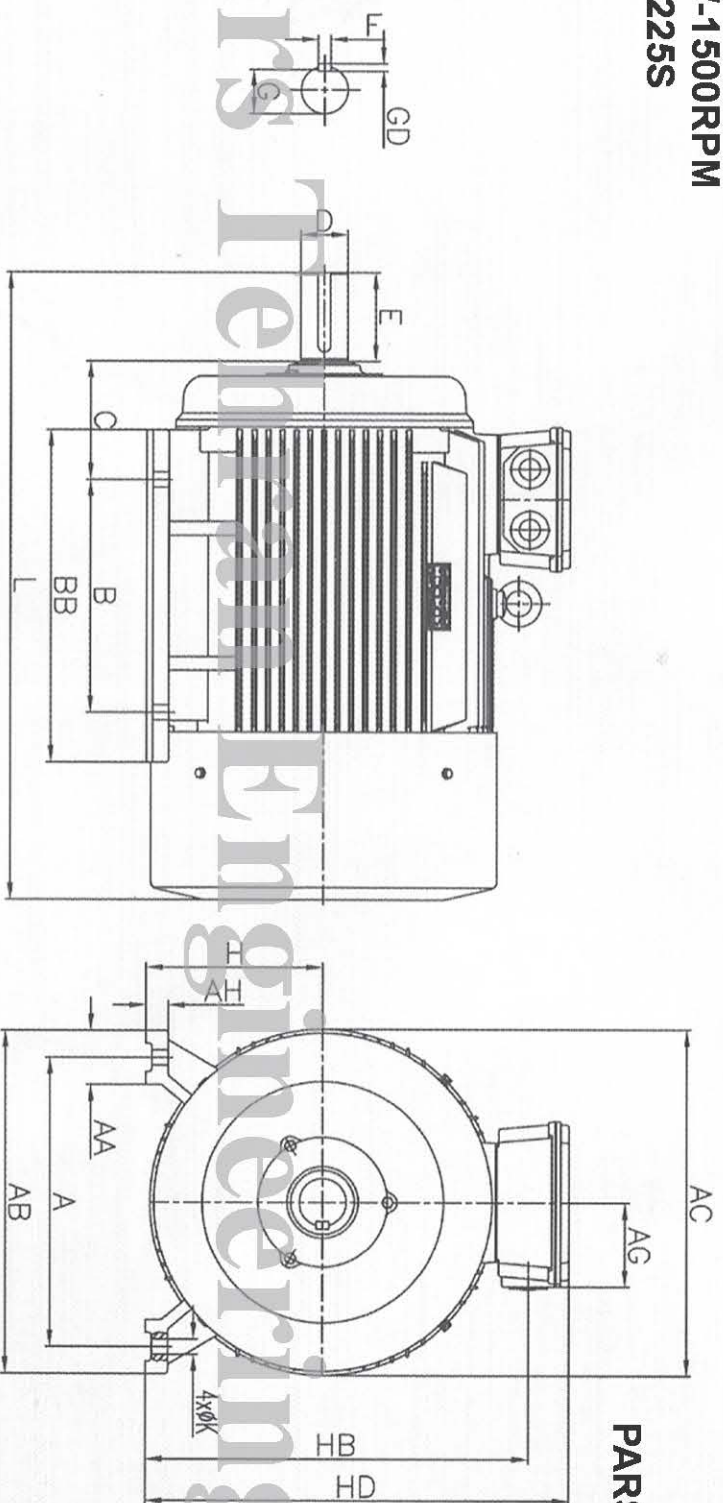
Customer			Manufacturer Jemco			
Motor Type		YD1221-4A0		Average sound pressure level	No load	load
Frame Size	225S	Number of poles	4			
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
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		37 KW		Location of Terminal Box		
rated voltage		380V		Number of terminals		
connection		DELTA		Cable entry thread		
Ferquency	50 HZ.	speed	1483	rpm	Net weight approx. 315 Kg	
Rated current		67		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		
		0.9				
Efficiency		4/4	3/4	1/2		
		91.8%				
Rated torque		(M _N)		239 Nm		
starting torque		(M _A /M _N)=				
Break-down torque		(M _k /M _N)=		2%		
Rotor class						
Rotor voltage		Rotor current				
Moment of inertia		0.457 Kgm ²				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To			NO.
Designed						
checked						

YD1221-4A0

37KW-1500RPM
225S



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
225S	YD1221-4A0	4	225	356	286	149	60	140	18	64	11	18.5	75	431	368	446	116	28	552	812	497

