



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

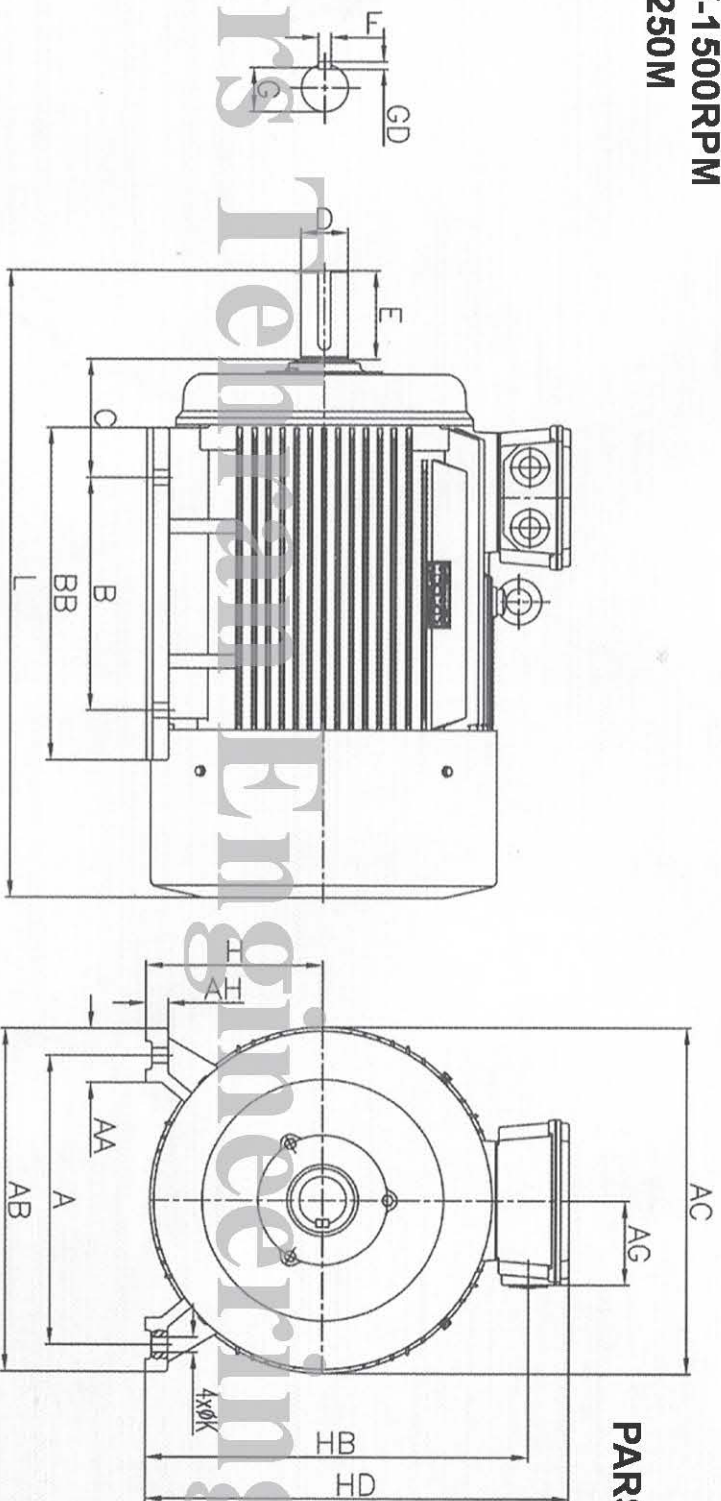
Customer			Manufacturer Jemco			
Motor Type		YD1251-4A0		Average sound pressure level	No load <input type="checkbox"/> load <input type="checkbox"/>	
Frame Size	250M	Number of poles	4			
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> both <input type="checkbox"/> 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 dimation drawing No.			
Retad output		55 KW		Location of Terminal Box		
rated voltage		380V		Number of terminals		
connection		DELTA		Cable entry thread		
Ferquency	50 HZ.	speed	1480 rpm	Net weight approx. 396 Kg		
Rated current		98 A		Test		
Starting Current		(I _A /I _N)		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
		92.6%				
Rated torque		(M _N)		355 Nm		
starting torque		(M _A /M _N)=				
Break-down torque		(M _k /M _N)= 2%				
Rotor class						
Rotor voltage		Rotor current				
Moment of inertia		0.821 Kgm ²				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To		NO.	
Designed						
checked						

YD1251-4A0

55KW-1500RPM
250M



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
250M	YD1251-4A0	4	250	406	349	168	65	140	18	69	11	24	80	484	455	485	133	30	610	916	546

