



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

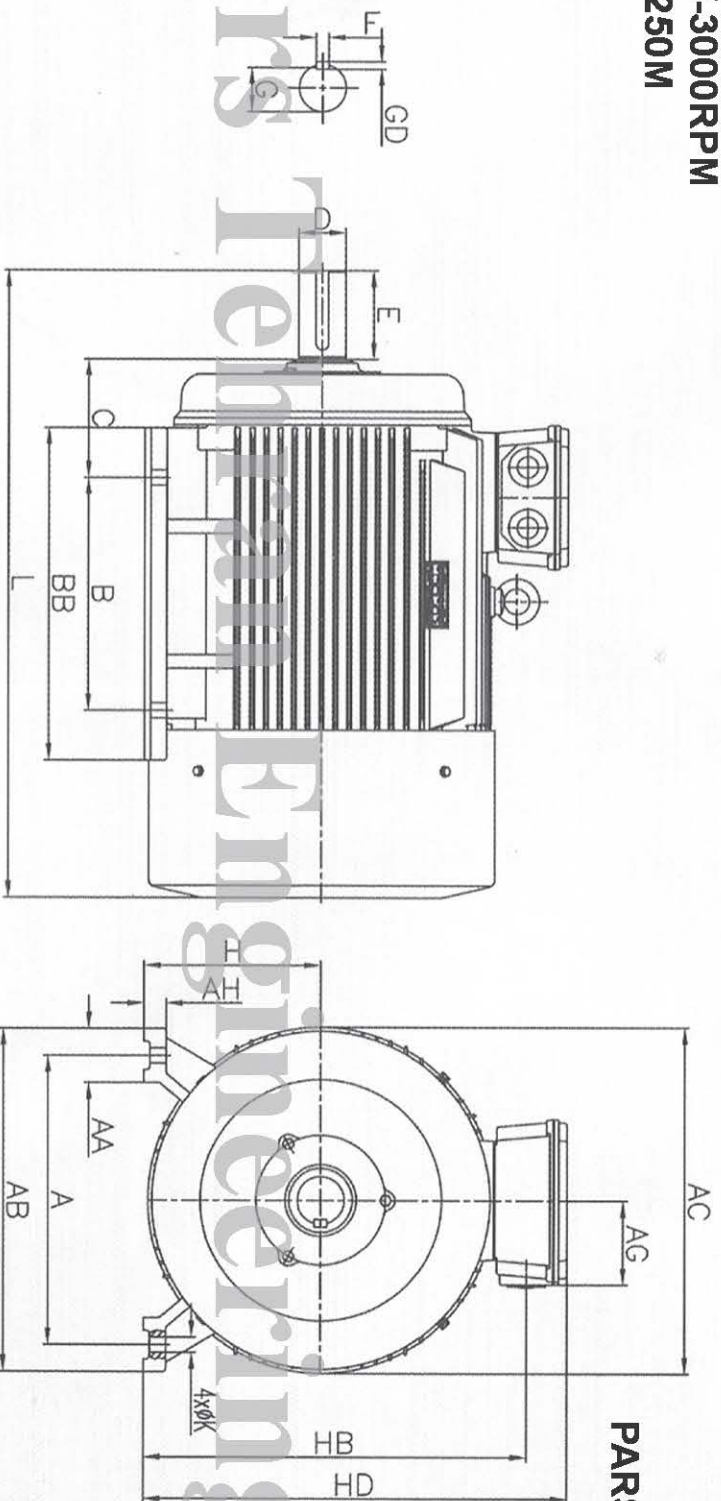
Customer			Manufacturer Jemco		
Motor Type		YD1251-2A0		Average sound pressure level	No load <input type="checkbox"/> load <input type="checkbox"/>
Frame Size	250M	Number of poles	2		
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> both <input type="checkbox"/> 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		55 KW		Location of Terminal Box	
rated voltage		380V		Number of terminals	
connection		DELTA		Cable entry thread	
Ferquency	50 HZ.	speed	2970 rpm	Net weight approx. 379 Kg	
Rated current		99 A		Test	
Starting Current		(I _A /I _N)		7	
Power Factor	4/4		3/4	1/2	
	0.9				
Efficiency	4/4		3/4	1/2	
	91.5%				
Rated torque		(M _N)		177 Nm	
starting torque		(M _A /M _N)=			
Break-down torque		(M _k /M _N)=		2%	
Rotor class					
Rotor voltage		Rotor current			
Moment of inertia		0.468 Kgm ²			
Torque characteristic					
Attachments					
	Date	Name	Tolerances acc. To		NO.
Designed					
checked					

YD1251-2A0

55KW-3000RPM
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	YD1251-2A0	2	250	406	349	168	60	140	18	64	11	24	80	484	455	485	133	30	610	916	546

