



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

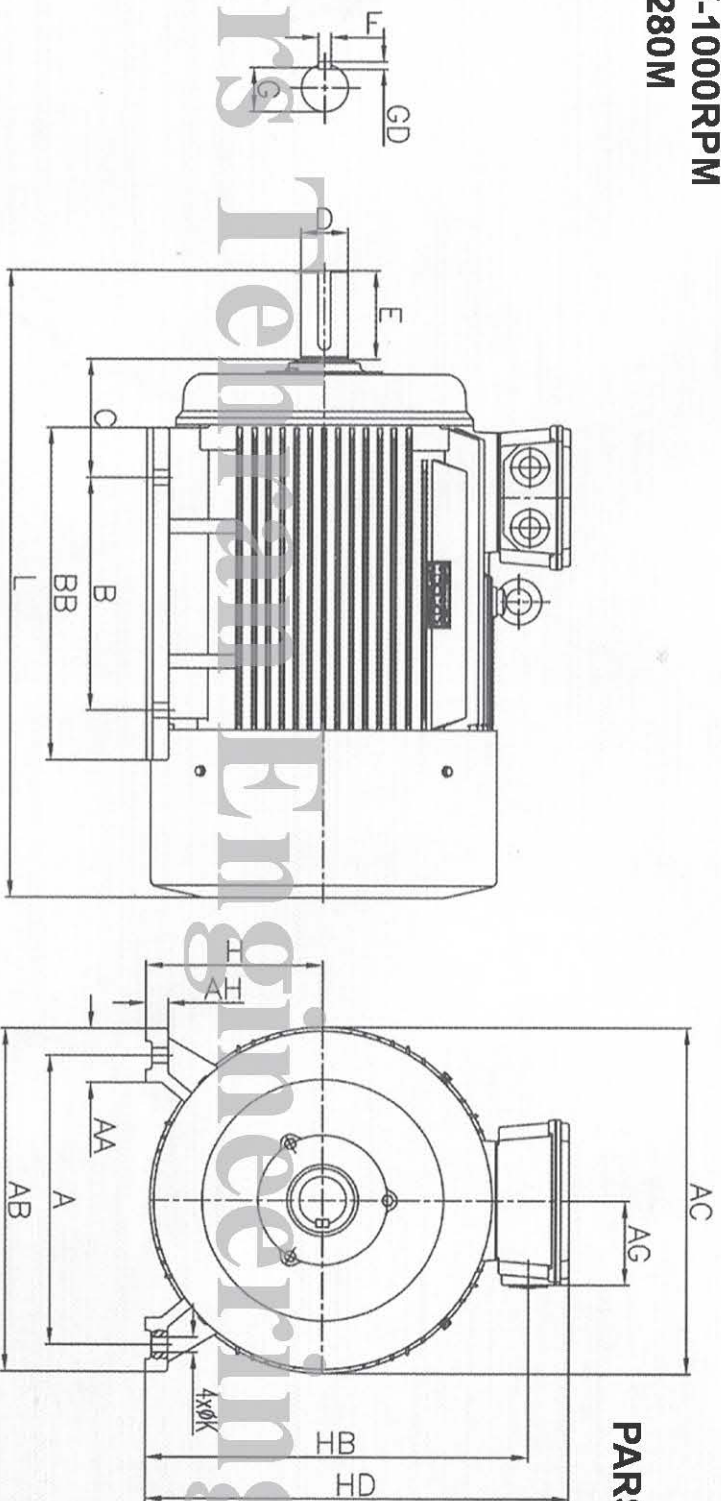
Customer			Manufacturer Jemco			
Motor Type		YD1282-6A0		Average sound pressure level	No load	load
Frame Size	280M	Number of poles	6			
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
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	987 rpm	Net weight approx. 590 Kg		
Rated current		102 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			
	0.88					
Efficiency	4/4	3/4	1/2			
	92%					
Rated torque		(M _N)		581 Nm		
starting torque		(M _A /M _N)=				
Break-down torque		(M _K /M _N)=		2%		
Rotor class						
Rotor voltage			Rotor current			
Moment of inertia		1.558 Kgm ²				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To		NO.	
Designed						
checked						

YD1282-6A0

55KW-1000RPM
280M



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
280M	YD1282-6A0	6	280	457	419	190	75	140	20	79.5	12	24	85	542	581	547	133	35	669	1047	605

