



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

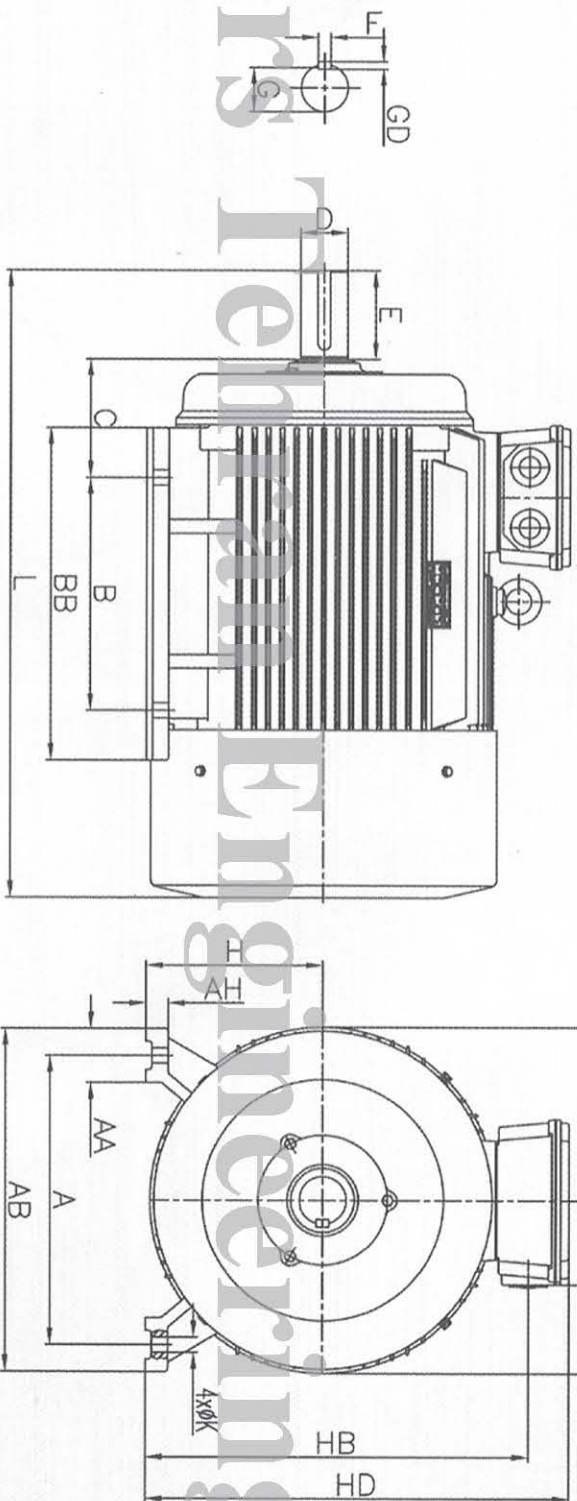
Customer			Manufacturer Jemco				
Motor Type		YD1282-2A0		Average sound pressure level	No load	load	
Frame Size	280M	Number of poles	2				
Mounting design	B3	Type of encloser	IP-55	Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>			
EX-Protective 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		90 KW		Location of Terminal Box			
rated voltage		380V		Number of terminals			
connection		DELTA		Cable entry thread			
Ferquency	50 HZ.	speed	2981 rpm	Net weight approx. 600 Kg			
Rated current		159 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
		0.91					
Efficiency		4/4	3/4				1/2
		92%					
Rated torque		(M _N)		289 Nm			
starting torque		(M _A /M _N)=					
Break-down torque		(M _k /M _N)=		2%			
Rotor class							
Rotor voltage		Rotor current					
Moment of inertia		0.956 Kgm ²					
Torque characteristic							
Attachments							
	Date	Name	Tolerances acc. To			NO.	
Designed							
checked							

YD1282-2A0

90KW-3000RPM
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	YD1282-2A0	2	280	457	419	190	65	140	18	69	11	24	85	542	581	547	133	35	669	1047	605

