



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

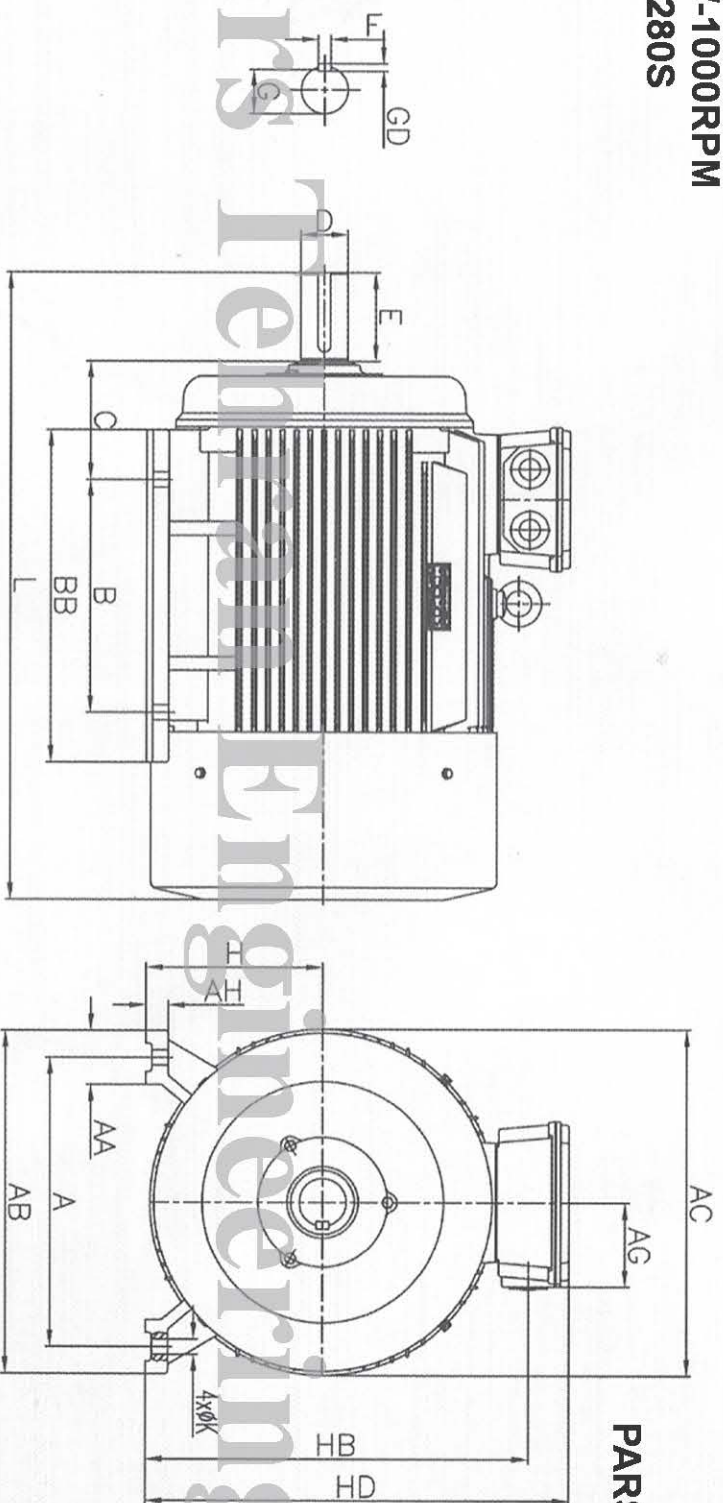
Customer			Manufacturer Jemco			
Motor Type		YD1281-6A0		Average sound pressure level	No load	load
Frame Size	280S	Number of poles	6			
Mounting design	B3	Type of encloser	IP-55	Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
EX-Protective 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 dimention drawing No.			
Retad output		45 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. 535 Kg		
Rated current		87 A		Test		
Starting Current		(I _A /I _N)		Additional data and remarks:		
Power Factor	4/4	3/4	1/2	1- Bearing Brand European :SKF,FAG		
	0.87					
Efficiency	4/4	3/4	1/2			
	92%					
Rated torque		(M _N)		484 Nm		
starting torque		(M _A /M _N)=				
Break-down torque		(M _K /M _N)=		2%		
Rotor class						
Rotor voltage		Rotor current				
Moment of inertia		1.35 Kgm ²				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To			NO.
Designed						
checked						

YD1281-6A0

45KW-1000RPM
280S



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
280S	YD1281-6A0	6	280	457	368	190	75	140	20	79.5	12	24	85	542	525	547	133	35	669	991	605

