



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

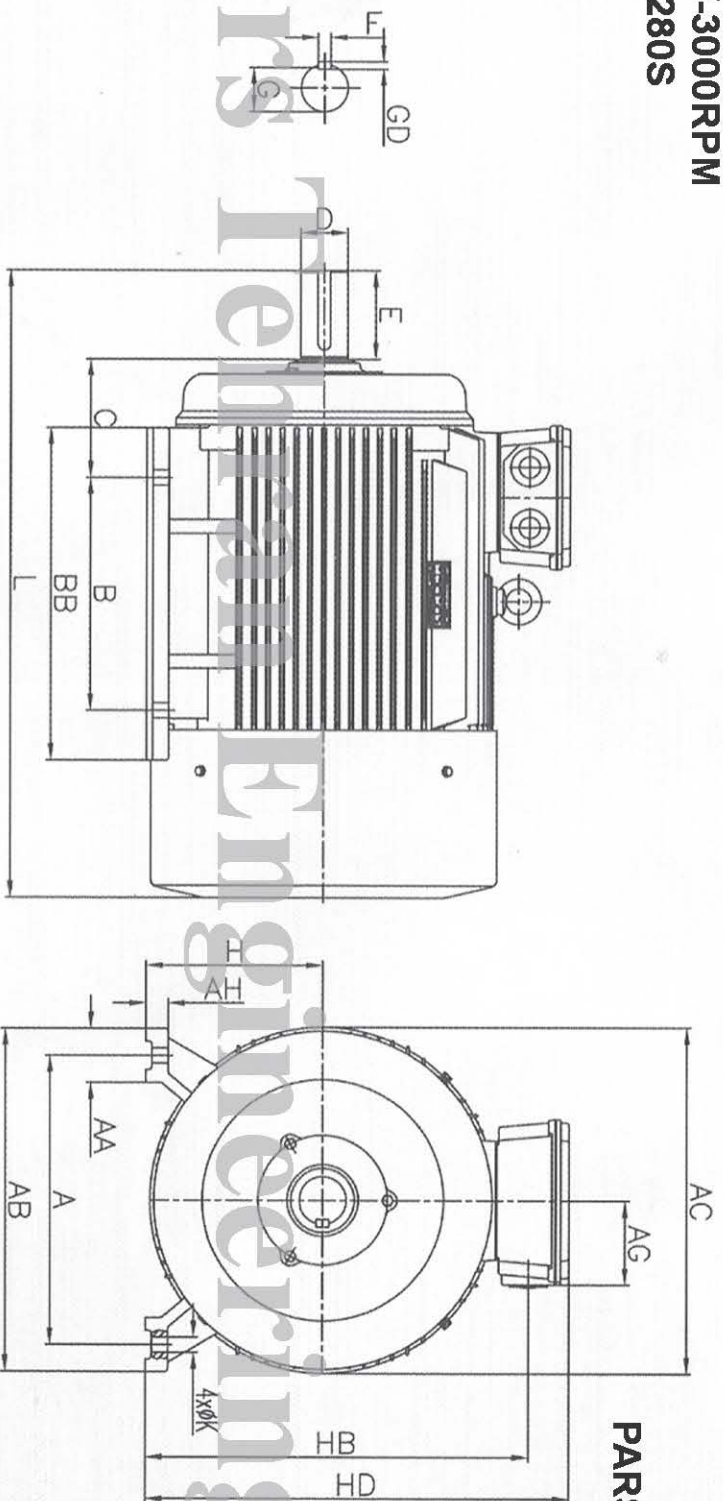
Customer			Manufacturer Jemco				
Motor Type YD1281-2A0		Average sound pressure level		No load	load		
Frame Size 280S	Number of poles 2						
Mounting design B3	Type of encloser IP-55	Direction of rotation both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>					
EX-Protective 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 75 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. 480 Kg					
Rated current 138 A		Test					
Starting Current (I_A/I_N) 7		Additional data and remarks: 1- Bearing Brand European :SKF,FAG					
Power Factor	4/4					3/4	1/2
	0.89						
Efficiency	4/4	3/4	1/2				
	91.5%						
Rated torque (M_N) 241 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 Kgm²							
Torque characteristic							
Attachments							
	Date	Name	Tolerances acc. To		NO.		
Designed							
checked							

YD1281-2A0

75KW-3000RPM
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	YD1281-2A0	2	280	457	368	190	65	140	18	69	11	24	85	542	525	547	133	35	669	991	605

