



# DATA SHEET JEMCO



## Subject: Low voltage squirrel cage induction motors

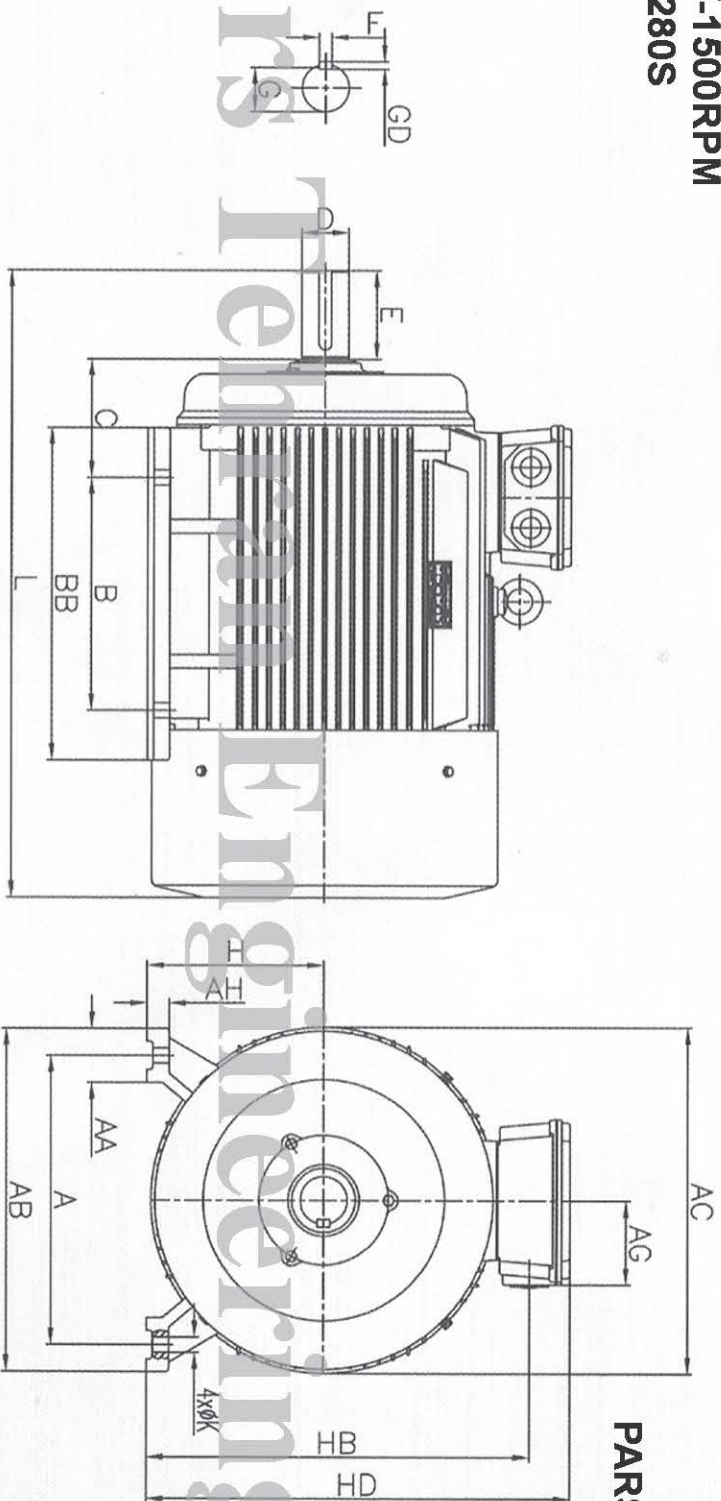
Customer			Manufacturer <span style="float: right;">Jemco</span>			
Motor Type		YD1281-4A0		Average sound pressure level	No load	load
Frame Size	280S	Number of poles	4			
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/>		
EX-Protective system			Bearing DE/NDE <span style="float: right;">6208-2z/6208-2z</span>			
Duty type	S1	Starting		Lubrication		
Ambient Temperture		40 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	1486 rpm	Net weight approx. <span style="float: right;">580 Kg</span>		
Rated current		133 A		Test		
Starting Current		(I <sub>A</sub> /I <sub>N</sub> )		Additional data and remarks:		
Power Factor	4/4	3/4	1/2	1- Bearing Brand European :SKF,FAG		
	0.91					
Efficiency	4/4	3/4	1/2			
	92.7%					
Rated torque		(M <sub>N</sub> )		484 Nm		
starting torque		(M <sub>A</sub> /M <sub>N</sub> )=				
Break-down torque		(M <sub>K</sub> /M <sub>N</sub> )=		2%		
Rotor class						
Rotor voltage		Rotor current				
Moment of inertia		1.454 Kgm <sup>2</sup>				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To			NO.
Designed						
checked						

# YD1281-4A0

75KW-1500RPM  
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	YD1281-4A0	4	280	457	368	190	75	140	20	79.5	12	24	85	542	525	547	133	35	669	991	605

