



# DATA SHEET JEMCO



## Subject: Low voltage squirrel cage induction motors

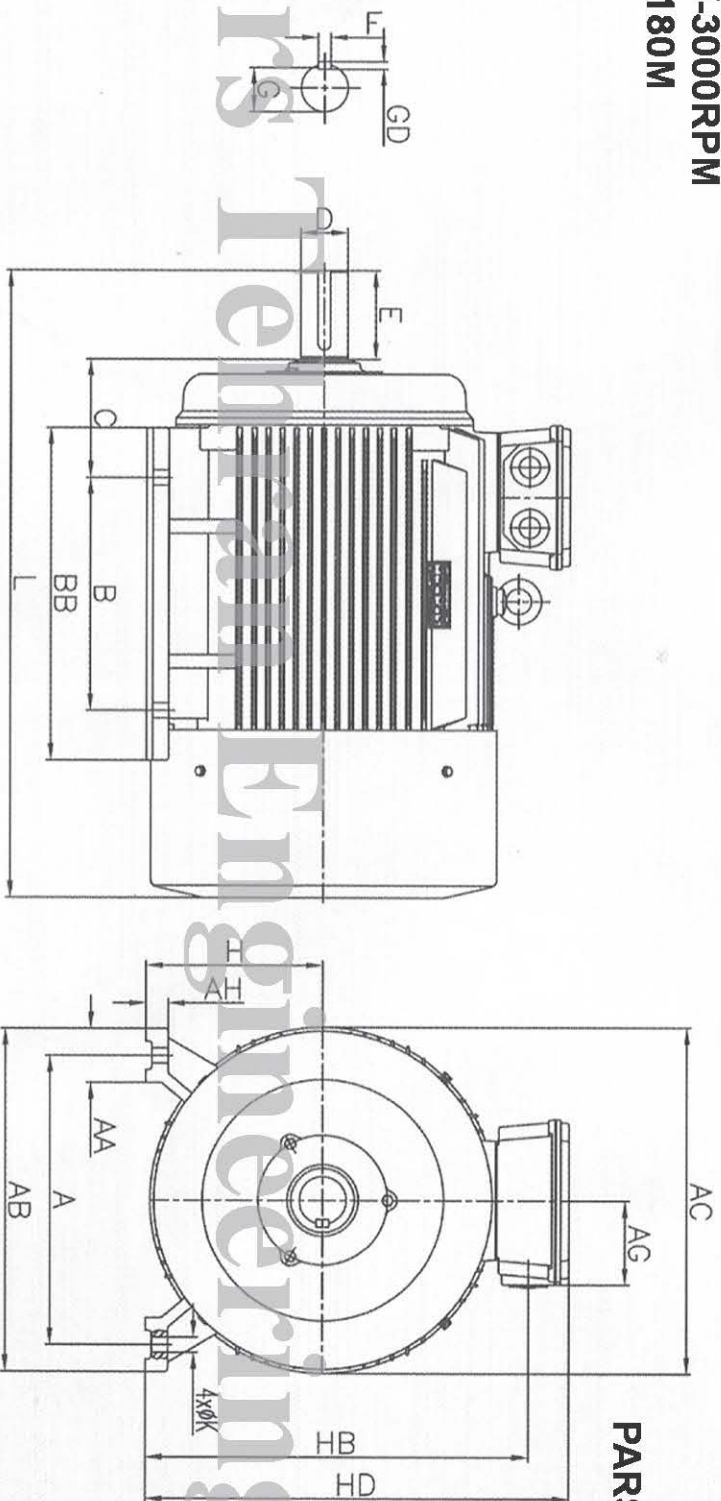
Customer			Manufacturer <span style="float: right;">Jemco</span>		
Motor Type		YD1181-2A0		Average sound pressure level	No load <input type="checkbox"/> load <input type="checkbox"/>
Frame Size	180M	Number of poles	2		
Mounting design	B3	Type of encloser	IP-55	Direction of rotation <input type="checkbox"/> 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		55 C		Type of lubrication	
Thermal classification		F	Tempertur rise	B	Relubrication
Term motor protection			outline dimention drawing No.		
Retad output		22 KW		Location of Terminal Box	
rated voltage		380V		Number of terminals	
connection		DELTA		Cable entry thread	
Ferquency	50 HZ.	speed	2940 rpm	Net weight approx. <span style="float: right;">171 Kg</span>	
Rated current		42 A		Test	
Starting Current		(I <sub>A</sub> /I <sub>N</sub> )		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		
	89%				
Rated torque		(M <sub>N</sub> )		71 Nm	
starting torque		(M <sub>A</sub> /M <sub>N</sub> )=			
Break-down torque		(M <sub>k</sub> /M <sub>N</sub> )= <span style="float: right;">2%</span>			
Rotor class					
Rotor voltage		Rotor current			
Moment of inertia		0.08 Kgm <sup>2</sup>			
Torque characteristic					
Attachments					
	Date	Name	Tolerances acc. To		NO.
Designed					
checked					

# YD1181-2A0

22KW-3000RPM  
180M



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
180M	YD1181-2A0	2	180	279	241	121	48	110	14	51.5	9	14.5	70	349	311	352	95	22	454	662.5	404

