



# DATA SHEET JEMCO



## Subject: Low voltage squirrel cage induction motors

Customer			Manufacturer <span style="float: right;">Jemco</span>			
Motor Type		YD1161-4A0		Average sound pressure level	No load	load
Frame Size	160L	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		55 C		Type of lubrication		
Thermal classification	F	Tempertur rise	B	Relubrication		
Term motor protection			outline dimation drawing No.			
Retad output		15 KW		Location of Terminal Box		
rated voltage		380V		Number of terminals		
connection		DELTA		Cable entry thread		
Ferquency	50 HZ.	speed	1454 rpm	Net weight approx. <span style="float: right;">135 Kg</span>		
Rated current		30 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		
	0.85					
Efficiency	4/4	3/4	1/2			
	89.5%					
Rated torque		(M <sub>N</sub> )		98 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		0.052 Kgm <sup>2</sup>				
Torque characteristic						
Attachments						
	Date	Name	Tolerances acc. To			NO.
Designed						
checked						

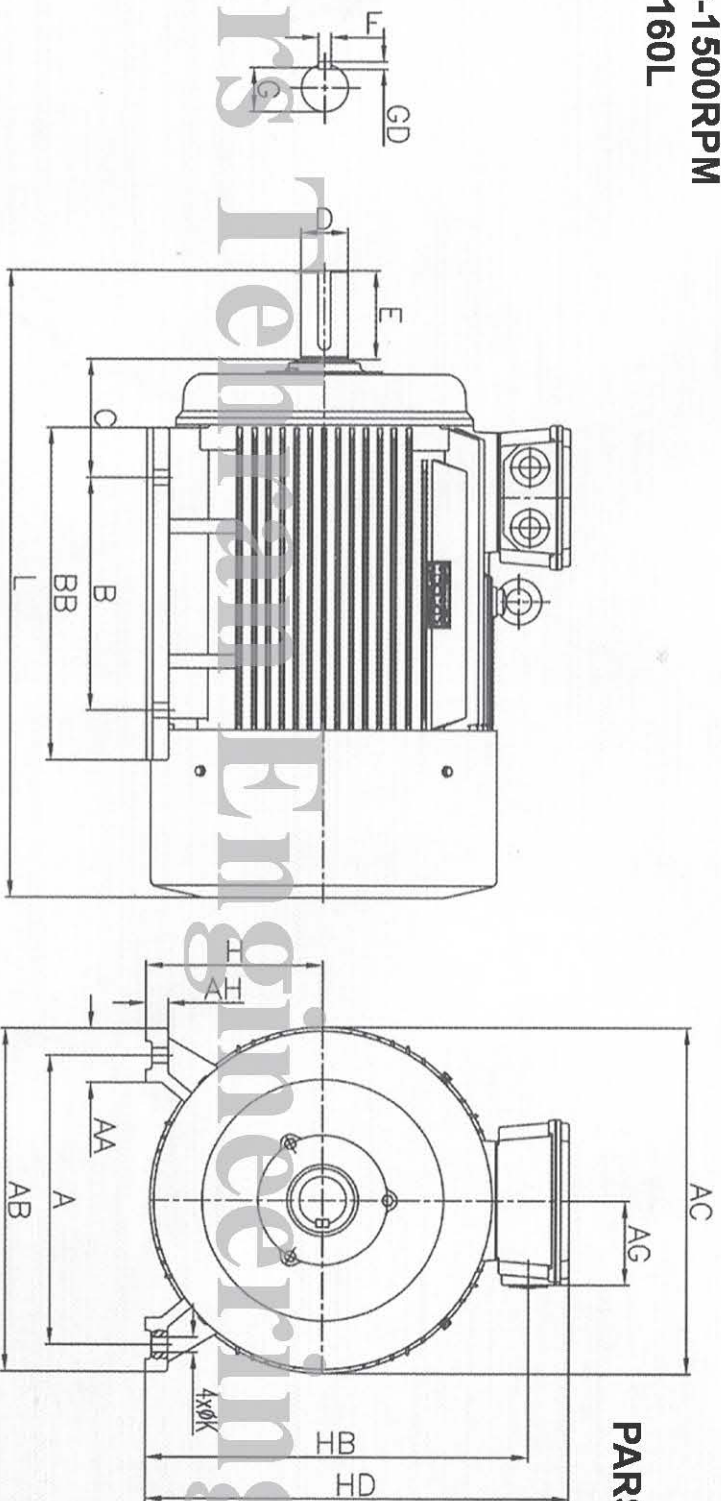
# YD1161-4A0

15KW-1500RPM

160L



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
160L	YD1161-4A0	4	160	254	210	108	42	110	12	45	8	15	68	317	262	317	95	21	419	652	369

