



# DATA SHEET JEMCO



## Subject: Low voltage squirrel cage induction motors

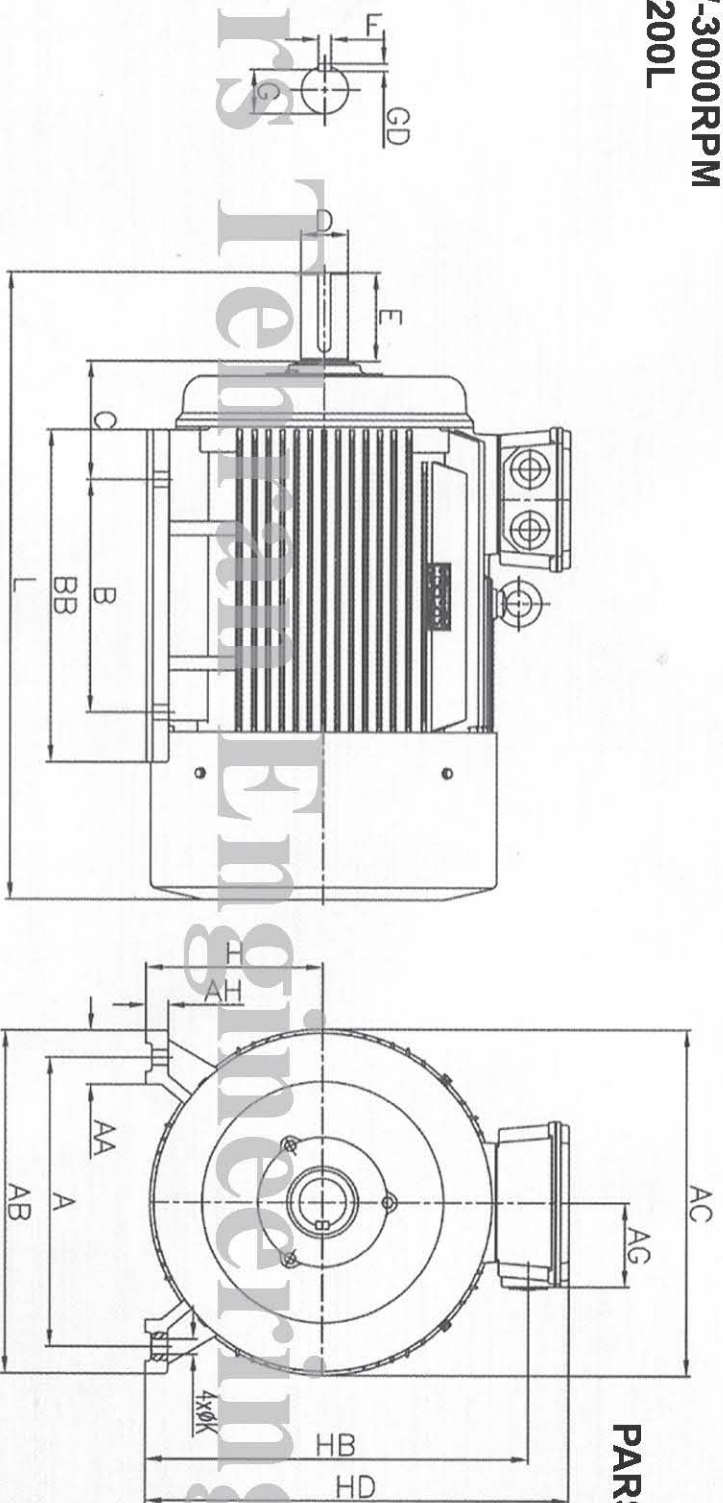
Customer			Manufacturer <span style="float: right;">Jemco</span>				
Motor Type <span style="float: right;">YD1202-2A0</span>		Average sound pressure level		No load	load		
Frame Size <span style="float: right;">200L</span>	Number of poles <span style="float: right;">2</span>						
Mounting design <span style="float: right;">B3</span>	Type of encloser <span style="float: right;">IP-55</span>	Direction of rotation <span style="float: right;">both <input type="checkbox"/> CW <input type="checkbox"/> CCW <input type="checkbox"/></span>					
EX-Protective system			Bearing DE/NDE <span style="float: right;">6208-2z/6208-2z</span>				
Duty type <span style="float: right;">S1</span>	Starting		Lubrication				
Ambient Temperture <span style="float: right;">55 C</span>		Type of lubrication					
Thermal classification <span style="float: right;">F</span>	Tempertur rise <span style="float: right;">B</span>		Relubrication				
Term motor protection		outline dimention drawing No.					
Retad output <span style="float: right;">37 KW</span>			Location of Terminal Box				
rated voltage <span style="float: right;">380V</span>		Number of terminals					
connection <span style="float: right;">DELTA</span>		Cable entry thread					
Ferquency <span style="float: right;">50 HZ.</span>	speed <span style="float: right;">2955 rpm</span>	Net weight approx. <span style="float: right;">223 Kg</span>					
Rated current <span style="float: right;">67 A</span>		Test					
Starting Current <span style="float: right;">(I<sub>A</sub>/I<sub>N</sub>) 7</span>		Additional data and remarks: 1- Bearing Brand European :SKF,FAG					
Power Factor	4/4					3/4	1/2
	0.9						
Efficiency	4/4					3/4	1/2
	90.5%						
Rated torque <span style="float: right;">(M<sub>N</sub>) 120 Nm</span>							
starting torque <span style="float: right;">(M<sub>A</sub>/M<sub>N</sub>)=</span>							
Break-down torque <span style="float: right;">(M<sub>k</sub>/M<sub>N</sub>)= 2%</span>							
Rotor class							
Rotor voltage		Rotor current					
Moment of inertia <span style="float: right;">0.166 Kgm<sup>2</sup></span>							
Torque characteristic							
Attachments							
	Date	Name	Tolerances acc. To		NO.		
Designed							
checked							

# YD1202-2A0

37KW-3000RPM  
200L



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
200L	YD1202-2A0	2	200	318	305	133	55	110	16	59	10	18.5	70	388	368	397	116	25	504	762	449

