



DATA SHEET JEMCO



Subject: Low voltage squirrel cage induction motors

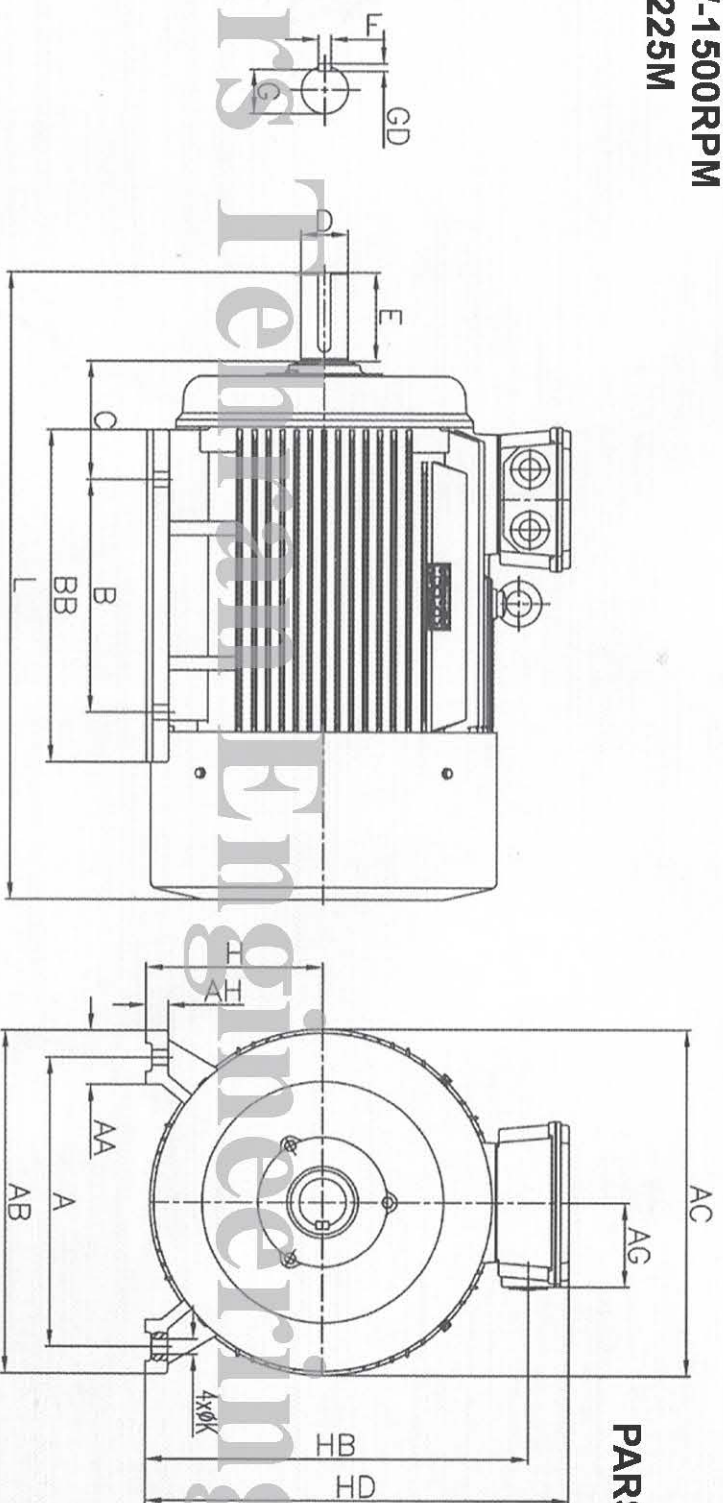
| | | | | | |
|------------------------|--------|--|---|---|--|
| Customer | | | Manufacturer Jemco | | |
| Motor Type | | YD1222-4A0 | | Average sound pressure level | No load <input type="checkbox"/> load <input type="checkbox"/> |
| Frame Size | 225M | Number of poles | 4 | | |
| Mounting design | 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 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 | | 45 KW | | Location of Terminal Box | |
| rated voltage | | 380V | | Number of terminals | |
| connection | | DELTA | | Cable entry thread | |
| Ferquency | 50 HZ. | speed | 1481 rpm | Net weight approx. 340 Kg | |
| Rated current | | 80 A | | Test | |
| Starting Current | | (I _A /I _N) | | 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 | | |
| | 92.3% | | | | |
| Rated torque | | (M _N) | | 290 Nm | |
| starting torque | | (M _A /M _N)= | | | |
| Break-down torque | | (M _K /M _N)= 2% | | | |
| Rotor class | | | | | |
| Rotor voltage | | Rotor current | | | |
| Moment of inertia | | 0.54 Kgm ² | | | |
| Torque characteristic | | | | | |
| Attachments | | | | | |
| | Date | Name | Tolerances acc. To | | NO. |
| Designed | | | | | |
| checked | | | | | |

YD1222-4A0

45KW-1500RPM
225M



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 |
|------------|------------|-------|-----|-----|-----|-----|----|-----|----|----|----|------|----|-----|-----|-----|-----|----|-----|-----|-----|
| 225M | YD1222-4A0 | 4 | 225 | 356 | 311 | 149 | 60 | 140 | 18 | 64 | 11 | 18.5 | 75 | 431 | 393 | 446 | 116 | 28 | 552 | 837 | 497 |

