



Model Number XR3-AL-OP-324T-4-BR-D-40-190|380-50

MFG PN TDA324T40U4B

List Price --

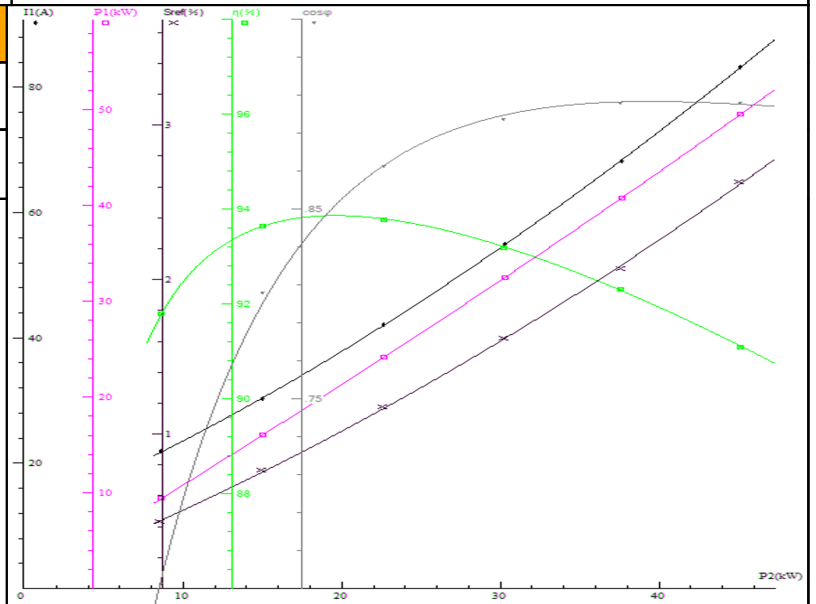
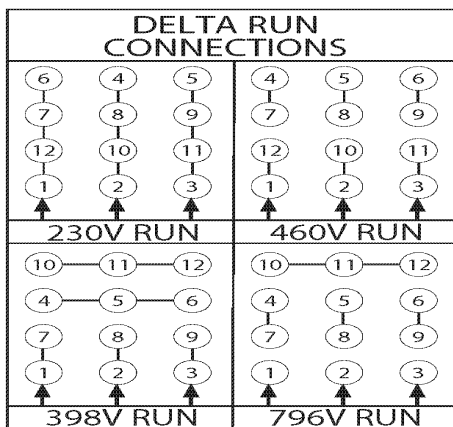
All data shown at HIGH voltage setting

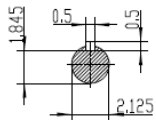
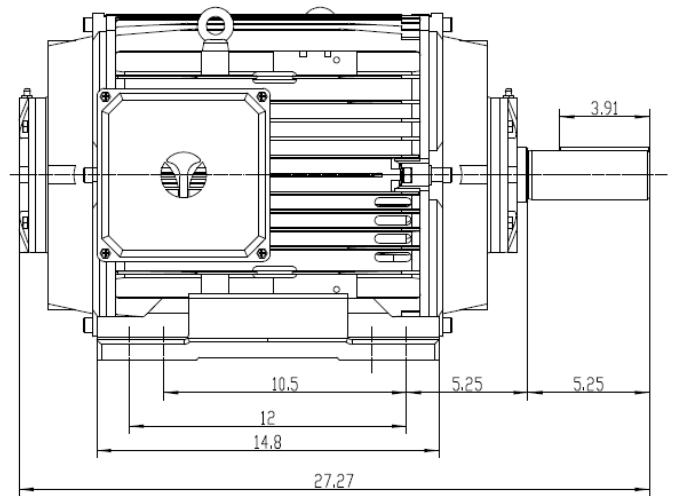
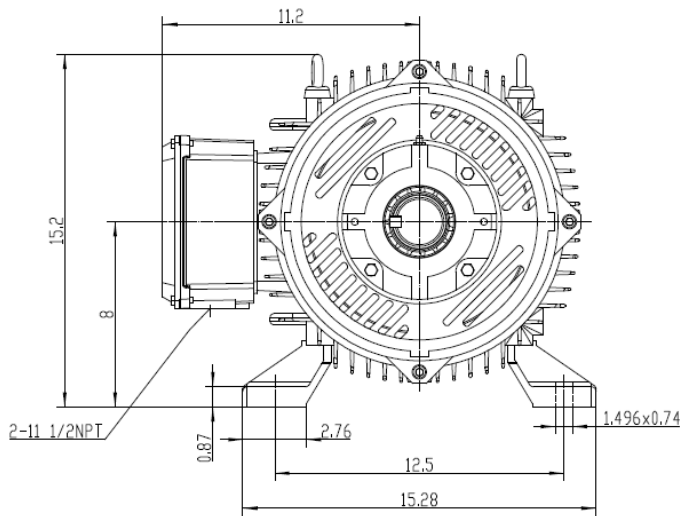
Format STD 3 Phase

| Electrical Data               |                       |         |              | General Data       |                      |
|-------------------------------|-----------------------|---------|--------------|--------------------|----------------------|
| Rated Motor Output Power      | 40 HP                 |         |              | Frame Size         | 324                  |
| Rated Motor Speed             | 1470 r/min            |         |              | Enclosure          | ODP                  |
| Rated Motor Voltage (3 Phase) | 190 380-50 Volts - HZ |         |              | Approximate Weight | 386                  |
| Rated Motor Current           | 113.58/56.79 Amps     |         |              | NEMA Design        | BE                   |
| Service Factor                | 1                     |         |              | IP Rating          | 55                   |
| KVA Code                      | J                     |         |              | Insulation Class   | H                    |
| Nominal Efficiency            | 93.6 %                |         |              | Tropicalization    | YES                  |
| Nominal Power Factor          | 0.853 cosθ            |         |              | Duty               | Cont.                |
| Full Load Torque Ft-Lb        | 142.3568 Ft-Lb        |         |              | Cable Entry        | 1.25                 |
| Temp Rise @ Full Load °C      | 51.7                  |         |              | Feet Removable     | YES                  |
| Efficiency Level              | IE3 - NEMA Premium    |         |              | Double Drilled     | NO                   |
| Load Data                     | RPM                   | Trq %FL | Current Amps | Rated Ambient (°C) | 40                   |
| Locked Rotor                  | -                     | 289     | 474          | Rated Altitude (M) | 1000                 |
| Breakdown                     | -                     | 298     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up                       | -                     | 211     | -            | Shaft Grounding    | YES                  |
| 125% of FL                    | 1476                  | -       | 71           | Brake Voltage (DC) | 0                    |
| 75% of FL                     | 1487                  | -       | 46           | Brake Torque (N-M) | 0                    |
| 50% of FL                     | 1492                  | -       | 36           | Mechanical Data    |                      |
| No Load                       | 1497                  | -       | 25           | Bearing DE Side    | 6312 C3              |
| Hazardous Location            |                       |         |              | Bearing NDE Side   | 6312 C3              |
|                               |                       |         |              | Moment of Inertia  | 0 kg.m2              |
|                               |                       |         |              | Noise Level        | Per NEMA dB (A)      |

| CT VFD Range |  | -- | Loaded Torque Curves                                                                     |  |
|--------------|--|----|------------------------------------------------------------------------------------------|--|
|              |  |    | P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), η = Efficiency (%), cosφ = Power Factor |  |

| Certifications | UL                       | CSA    | DOE  |
|----------------|--------------------------|--------|------|
| File Numbers   | 323353                   | 224693 | 096A |
| Wiring Diagram | 3PH 12 Lead Dual Voltage |        |      |





UNITS:INCH


ShangHai HIMAK Electrical  
Machinery CO., LTD

TDA 324-326T F1

|          |          |
|----------|----------|
| Design   | Standard |
| Checker  | Allow    |
| Auditing | Date     |

|           |               |      |                 |
|-----------|---------------|------|-----------------|
| NO:       | CY283.A16.002 |      |                 |
| STEP MARK | 1:4           | SORT | Cast iron Motor |