



|              |                                     |
|--------------|-------------------------------------|
| Model Number | GR3-RS-OP-143T-2-B-D-1.5-230 460-60 |
| MFG PN       | TXD143T1.5U2B                       |
| List Price   | --                                  |

All data shown at HIGH voltage setting

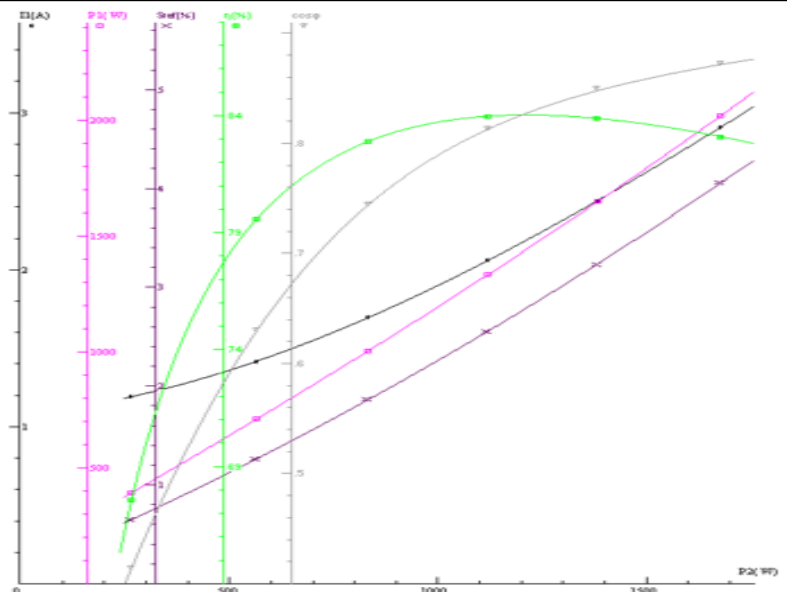
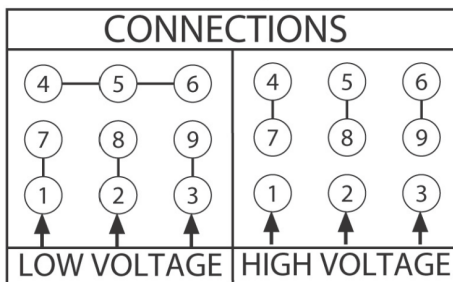
Format STD 3 Phase

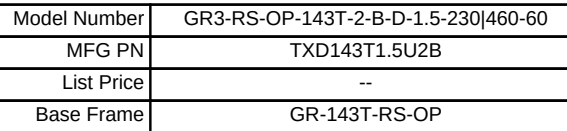
| Electrical Data               |                       |         |              | General Data       |                      |
|-------------------------------|-----------------------|---------|--------------|--------------------|----------------------|
| Rated Motor Output Power      | 1.5 HP                |         |              | Frame Size         | 143                  |
| Rated Motor Speed             | 3500 r/min            |         |              | Enclosure          | ODP                  |
| Rated Motor Voltage (3 Phase) | 230 460-60 Volts - HZ |         |              | Approximate Weight | --                   |
| Rated Motor Current           | 4.08/2.04 Amps        |         |              | NEMA Design        | B                    |
| Service Factor                | 1.25                  |         |              | IP Rating          | 56                   |
| KVA Code                      | L                     |         |              | Insulation Class   | H                    |
| Nominal Efficiency            | 84 %                  |         |              | Tropicalization    | YES                  |
| Nominal Power Factor          | 0.82 cos $\theta$     |         |              | Duty               | Cont. / S1           |
| Full Load Torque Ft-Lb        | 2.26 Ft-Lb            |         |              | Cable Entry        | 1-NPT 3/4"           |
| Temp Rise @ Full Load °C      | 45                    |         |              | Feet Removable     | YES                  |
| Efficiency Level              | IE3 - NEMA Premium    |         |              | Double Drilled     | NO                   |
| Load Data                     | RPM                   | Trq %FL | Current Amps | Rated Ambient (°C) | 40                   |
| Locked Rotor                  | -                     | 277     | 17.18        | Rated Altitude (M) | 1000                 |
| Breakdown                     | -                     | 347     | -            | Coating            | 7024 - Graphite Grey |
| Pull Up                       | -                     | 240     | -            | Shaft Grounding    | NO                   |
| 125% of FL                    | 3482                  | -       | 2.42         | Brake Voltage (DC) | --                   |
| 75% of FL                     | 3534                  | -       | 1.64         | Brake Torque (N-M) | --                   |
| 50% of FL                     | 3556                  | -       | 1.35         | Mechanical Data    |                      |
| No Load                       | --                    | -       | 1.05         | Bearing DE Side    | 6306ZZ               |
| Hazardous Location            | --                    |         |              | Bearing NDE Side   | 6306ZZ               |
|                               |                       |         |              | Moment of Inertia  | -- kg.m2             |
|                               |                       |         |              | Noise Level        | Per NEMA dB (A)      |

| CT VFD Range |  | -- | Loaded Torque Curves                                                                                |  | -- |
|--------------|--|----|-----------------------------------------------------------------------------------------------------|--|----|
|              |  |    | P1 = INPUT POWER (KW), S = Slip (% of Sync RPM), $\eta$ = Efficiency (%), cos $\phi$ = Power Factor |  |    |

| Certifications | UL                      | CSA    | DOE  |
|----------------|-------------------------|--------|------|
| File Numbers   | 323353                  | 224693 | 096A |
| Wiring Diagram | 3PH 9 Lead Dual Voltage |        |      |

**3 Phase - YY/Y - 9 Lead**  
 4,1 Blue / 5,2 White / 6,3 Org / 7 Yl / 8 Blk / 9 RD  
 Cast Iron- 1,2,3 Top - 4,5,6,7,8,9 Bottom  
 Aluminum - 4,5,6,8,9 Top - 1,2,3,7 Bottom





Technical drawing of the 1000 Series 1/2 HP Floodlight, showing front, side, and detail views with dimensions.

**Front View Dimensions:**

- Overall Width: 13.3
- Overall Height: 6.46
- Mounting Bracket Width: 5.85
- Mounting Bracket Height: 4
- Mounting Bracket Thickness: 0.35
- Base Width: 5.9
- Base Height: 2.25
- Base Thickness: 2.25
- Base Mounting Hole Spacing: 1.41

**Side View Dimensions:**

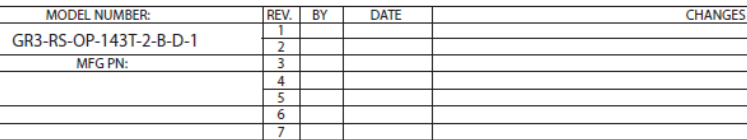
- Overall Width: 8.5
- Overall Height: 6.75
- Mounting Bracket Width: 5.2
- Mounting Bracket Height: 4.1
- Base Width: 6.55
- Base Height: 3.5
- Base Mounting Hole Spacing: 2.75
- Base Thickness: 0.5

**Detail View Dimensions:**

- Mounting Hole Diameter:  $\varnothing 0.875$
- Mounting Hole Spacing:  $0.1875 \times 0.1875$
- Mounting Hole Depth: 0.771

**Other Features:**

- Mounting Bracket: 3/4 - 14NPT
- Base: 1/2 - 14NPT



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