

BALDOR • RELIANCE

Customer information packet

10-0000-1923

20HP, 1175RPM, 3PH, 60HZ, 286TC, 1056M, TEFC, F

MROSUPPLY.COM

Class - None

Division - Not Applicable

Specifications

| | |
|--------------------------------|--------------------------------|
| Enclosure | TEFC |
| Frame | 286TC |
| Frame Material | Iron |
| Frequency | 60.00 Hz |
| Haz Area Class and Group | None |
| Haz Area Division | Not Applicable |
| Motor Letter Type | Three Phase |
| Output @ Frequency | 20.000 HP @ 60 HZ |
| Phase | 3 |
| Synchronous Speed @ Frequency | 1200 RPM @ 60 HZ |
| Voltage @ Frequency | 460.0 V @ 60 HZ |
| Agency Approvals | NEMA PREMIUM UR CSA EEV |
| Ambient Temperature | 40 °C |
| Auxiliary Box | NO AUXILLARY BOX |
| Auxiliary Box Lead Termination | None |
| Base Indicator | Rigid |
| Bearing Grease Type | Polyrex EM (-20F +300F) |
| Blower | None |
| Current @ Voltage | 26.000 A @ 460.0 V |
| Design Code | B |
| Drip Cover | No Drip Cover |
| Duty Rating | CONT |
| Efficiency @ 100% Load | 91.7 % |
| Electrically Isolated Bearing | Electrically Isolated Bearings |
| Enclosure Modification | Severe Duty Features |
| Feedback Device | ENCODER |
| Heater Indicator | Heater Included, 120 V |
| High Voltage Full Load Amps | 26.0 a |
| Insulation Class | H |
| Inverter Code | Inverter Duty |

Part detail

| | |
|--------------|--------------|
| Revision | B |
| Type | AC |
| Mech. spec. | |
| Base | |
| Status | PRD/A |
| Elec. spec. | 10WGZ429 |
| Layout | 10LY-001-151 |
| Eff. date | 10-08-2025 |
| CD Diagram | CD0006 |
| Poles | 06 |
| Leads | 3#10 |
| Proprietary | False |
| Created date | 01-25-2021 |

| | |
|-----------------------------------|------------------------------|
| KVA Code | G |
| Lifting Lugs | Standard Lifting Lugs |
| Locked Bearing Indicator | Locked Bearing |
| Max Speed | 1800 rpm |
| Motor Lead Termination | Ring Terminals |
| Motor Standards | NEMA |
| Motor Type | 1056M |
| Mounting Arrangement | F3 |
| Number of Poles | 6 |
| Overall Length | 43.36 IN |
| Power Factor | 78 |
| Product Family | Chemical Processing (Not DC) |
| Pulley Face Code | C-Face |
| Rodent Screen | None |
| Service Factor | 1.00 |
| Shaft Diameter | 1.875 IN |
| Shaft Ground Indicator | Shaft Grounding |
| Shaft Rotation | Reversible |
| Speed | 1175 rpm |
| Speed Code | Single Speed |
| Starting Method | Direct on line |
| Thermal Device - Bearing | None |
| Thermal Device - Winding | Normally Closed Thermostat |
| Vibration Sensor Indicator | No Vibration Sensor |
| Winding Thermal 1 | None |
| Winding Thermal 2 | None |

Nameplate

| NP3948 | | | |
|-----------------------|--------------|-------------------|--------------------|
| CAT.NO. | TROLLY | | |
| SPEC. | 10-0000-1923 | | |
| FRAME | 286TC | H.P. | 20 TE |
| VOLTS | 460 | | |
| MAG. CUR. | 11.6 | F.L. AMPS | 26 |
| R.P.M. | 1175 | R.P.M. MAX | 1800 |
| HZ. | 60 | PH. | 3 CLASS H |
| SER.F. | 1.00 | DES. | B SL HZ 1.3 |
| NEMA NOM. EFF. | 91.7 | WK2 | 6.85 |
| V | PH | HZ | AMPS |
| RATING | 40C AMB-CONT | | |
| DE | 6311 | ODE | 6309 |
| CC | 010A | SN | |
| | 10:1 CT | | |

| NP0090 | |
|-----------------------|------------|
| FRONT | 6309 |
| PULLEY | 6311 |
| LUBRICATE WITH | |
| GREASE | POLYREX EM |