

# DIRECT DRIVE

# AIR COMPRESSOR



- **Intelligent Microcomputer Control System:**  
Provides advanced automation and precise control for efficient compressor operation.
- **Large, Low-Speed Air-End:** Ensures optimized performance with enhanced durability and efficiency.
- **Low Vibration and Noise:** Operates quietly with minimal vibration, eliminating the need for a foundation and allowing easy mobility.
- **User-Friendly Operation:** Designed for automatic operation, requiring minimal supervision or manual intervention.



MODEL: HD200

| ITEM                      | TECHNICAL PARAMETERS         |         |         |
|---------------------------|------------------------------|---------|---------|
|                           | HD200                        | HD200   | HD200   |
| MODEL                     | HD200                        | HD200   | HD200   |
| POWER                     | 160 KW (200HP)               |         |         |
| F.A.D                     | 904 CFM                      | 798 CFM | 724 CFM |
| MEDIUM                    | AIR                          |         |         |
| RATED PRESSURE            | 116 PSI                      | 145 PSI | 181 PSI |
| COOLING METHOD            | AIR-COOLED                   |         |         |
| TRANSMISSION METHOD       | DIRECT DRIVE                 |         |         |
| AIR DISCHARGE TEMPERATURE | AMBIENT TEMPERATURE +59°F    |         |         |
| CONTROL MODE              | MICROCOMPUTER CONTROL SYSTEM |         |         |
| START MODE                | Y-△ START                    |         |         |
| AIR INLET TEMPERATURE     | ~114°F                       |         |         |
| AMBIENT TEMPERATURE       | 23-113°F                     |         |         |
| AIR INLET PRESSURE        | 14.7 PSI                     |         |         |
| MOTOR ROTATION SPEED      | 3570 R/MIN                   |         |         |
| MOTOR PROTECTION LEVEL    | IP55                         |         |         |
| MOTOR INSULATION LEVEL    | F LEVEL                      |         |         |
| MOTOR SERVICE FACTOR      | 1.2                          |         |         |
| POWER SUPPLY              | 230/460v-60Hz-3PH            |         |         |
| MAXIMUM RELATIVE HUMIDITY | 0.95                         |         |         |
| AIR OUTLET CONNECTION     | 2.5"                         |         |         |
| DIMENSION                 | 99x63x75                     |         |         |
| NET WEIGHT                | 5071 LBS                     |         |         |
| NOISE LEVEL               | 85±2dB (A)                   |         |         |