

| PID-132S2-2                                            | PER-IND Cast-Iron Motors                        |      |      |
|--------------------------------------------------------|-------------------------------------------------|------|------|
| DETAIL DISPLAY                                         |                                                 |      |      |
| Frame                                                  | 132                                             |      |      |
| Poles                                                  | 2                                               |      |      |
| kW                                                     | 7.5                                             |      |      |
| Voltage (V)                                            | 415                                             |      |      |
| Frequency (Hz)                                         | 50                                              |      |      |
| Rated Speed (rpm)                                      | 2935                                            |      |      |
| Full Load Current,I <sub>R</sub> (A)                   | 13.2                                            |      |      |
| Locked Rotor Current (I <sub>L</sub> /I <sub>R</sub> ) | 8.5                                             |      |      |
| Full Load Torque,T <sub>R</sub> (N.m)                  | 24.4                                            |      |      |
| Locked Rotor Torque (T <sub>L</sub> /T <sub>R</sub> )  | 2.0                                             |      |      |
| Breakdown Torque (T <sub>B</sub> /T <sub>R</sub> )     | 2.3                                             |      |      |
| Efficiency Class (Full Load)                           | IE3                                             |      |      |
| % Of Full Load                                         | 50                                              | 75   | 100  |
| Efficiency (%)                                         | 89.2                                            | 90.2 | 90.1 |
| Power Factor (cosφ)                                    | 0.75                                            | 0.85 | 0.88 |
| Sound Power level of No Load (dB(A))                   | 79                                              |      |      |
| Motor Weight (kg)                                      | 66                                              |      |      |
| Rotor Inertia (kg.m <sup>2</sup> )                     | 0.0150                                          |      |      |
| Temp. Rise (K)                                         | 68                                              |      |      |
| Drive End Bearing                                      | 6208                                            |      |      |
| Non Drive End Bearing                                  | 6208                                            |      |      |
| Thermistor PTC 150                                     | 1 PTC,Its terminals are inside the terminal box |      |      |
| Painting                                               | RAL 5005,Matte                                  |      |      |
| Enclosure                                              | IP 56                                           |      |      |
| Ins. Class                                             | F                                               |      |      |
| Service Duty                                           | S1                                              |      |      |
| Ambient                                                | -15 to 40 °C                                    |      |      |
| Altitude                                               | Up to 1000 m                                    |      |      |
| VSD Compatibility                                      | Suitable                                        |      |      |
| Compliance                                             | IEC 60034, AS/NZS 1359                          |      |      |
| Warranty                                               | 36 Months                                       |      |      |