

# TECHNICAL DATA

IF630/4-245

Date 8/21/2014

Series IF

## MOTOR SPECIFICATIONS

|                     |                       |
|---------------------|-----------------------|
| Motor Design        | Oil Filled            |
| Applications        | Waste Water           |
| Insulation Class    | Class F               |
| Maximum Liquid Temp | 0-40 C ( 32 - 104 F ) |
| Frequency           | 60 HZ                 |
| RPM                 | 1750                  |

## PUMP & MOTOR DATA

|            |                                     |
|------------|-------------------------------------|
| Impeller   | Closed, Non-clogging, 2 Blades      |
| Solid      | 3"                                  |
| Discharge  | 6"                                  |
| Motor      | 4 Pole                              |
| KW /Hp     | 30 Hp                               |
| Phase      | 3                                   |
| Cable      | VCT or SJOW/SOW 50 Ft               |
| Protection | Moisture Sensor & Thermal Overloads |

## MATERIALS OF CONSTRUCTION

|                 |                      |
|-----------------|----------------------|
| Volute          | ASTM-A48-CL-30       |
| Impeller        | ASTM-A48-CL-30       |
| Main Shaft      | 410 SS               |
| Wear Ring       | Bronze               |
| Handle          | 304 SS               |
| Mechanical Seal | Upper Carbon-ceramic |
|                 | Lower Carbon-ceramic |

## DIMENSIONS, WEIGHT

|                     |          |
|---------------------|----------|
| Pump weight         | 705 lbs. |
| Maximum Submergence | 100 Ft   |
| Optional            |          |

|       |             |  |  |      |      |      |
|-------|-------------|--|--|------|------|------|
| Model | IF630/4-245 |  |  | 3 Ph | 3 Ph | 3 Ph |
|       |             |  |  | 230  | 460  | 575  |
| Amps  |             |  |  | 70   | 35   |      |