

# GRINDER PUMPS

## AGP750 Technical Data

### Physical Data:

|                |                        |
|----------------|------------------------|
| DISCHARGE SIZE | 2-1/2"                 |
| IMPELLER TYPE  | 10-Vane, Vortex- Brass |
| CABLE LENGTH   | 35'                    |

### Liquid Handling:

|                      |                                            |
|----------------------|--------------------------------------------|
| MAXIMUM LIQUID TEMP. | 140°F – Intermittent<br>104°F - Continuous |
| ACCEPTABLE PH RANGE  | 6-8                                        |

### Temperature:

|                |       |
|----------------|-------|
| MAXIMUM STATOR | 180°C |
|----------------|-------|

### Technical Data:

|                  |                                 |
|------------------|---------------------------------|
| SENSOR CORD TYPE | SOW                             |
| MOTOR HOUSING    | Cast Iron                       |
| CASING           | Cast Iron                       |
| IMPELLER         | Brass                           |
| MOTOR SHAFT      | 304SS                           |
| HARDWARE         | SS                              |
| “O” RINGS        | Viton                           |
| MECHANICAL SEALS | Dual Mechanical SiC             |
| UPPER BEARING    | 6204 Radial                     |
| LOWER BEARING    | 3207 Double Row Angular Contact |

| MODEL       | HP  | HZ | VOLTS/PH | RPM  | FULL LOAD AMPS | NEMA START CODE | CORD TYPE | CORD SIZE | CORD O.D. | POTENTIAL RELAY                                                       | START CAPACITOR   | RUN CAPACITOR     |
|-------------|-----|----|----------|------|----------------|-----------------|-----------|-----------|-----------|-----------------------------------------------------------------------|-------------------|-------------------|
| AGP750M2-35 | 7.5 | 60 | 230/1    | 3450 | 36.5           | F               | SOW       | 8AWG/4C   | .96       | CONT. COIL VOLTAGE: 500 V<br>PICK-UP MAX: 300V<br>DROP-OUT MAX: 135 V | 270-324UF-250 VAC | 30UF+/-5%-370 VAC |
| AGP750M3-35 | 7.5 | 60 | 230/3    | 3450 | 24.6           | K               | SOW       | 8AWG/4C   | .96       | N/A                                                                   | N/A               | N/A               |
| AGP750M4-35 | 7.5 | 60 | 460/3    | 3450 | 12.3           | K               | SOW       | 8AWG/4C   | .96       | N/A                                                                   | N/A               | N/A               |
| AGP750M5-35 | 7.5 | 60 | 208/1    | 3450 | 38             | F               | SOW       | 8AWG/4C   | .96       | CONT. COIL VOLTAGE: 500 V<br>PICK-UP MAX: 300V<br>DROP-OUT MAX: 135 V | 270-324UF-250 VAC | 30UF+/-5%-370 VAC |
| AGP750M6-35 | 7.5 | 60 | 208/3    | 3450 | 22             | K               | SOW       | 8AWG/4C   | .96       | N/A                                                                   | N/A               | N/A               |



P U M P

*Honest, Professional, Dependable*

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