



DF C8I 7H`GD97= =75H=CB

**O KNGT` 'NGCO CP**

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|                                 |           |           |
|---------------------------------|-----------|-----------|
| 8F5K B                          | @`6fUbbUb | - #%( #&& |
| 7<97?98                         |           |           |
| 9B; `5DDF"                      |           |           |
| A?H`5DDF"                       |           |           |
| G\YYh`%cZ`% FYZ A&&& \$!`8!AC8- |           | FYZ`!!    |

**GMGH9A`F9E I =F9A9BHG`#`GD97G.**  
 9`YWf]WU: (\*`\$J57#`D\UgY#`\$<n#%)5`  
 5]f`Gi dd`m`&7: A`4` , \$!`%\$`DG=.....  
 :`ck`FUB[Y.`r`'\$`\$;`DA  
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H-H@9.  
 5i hca Uh]WH fvc!8lgW  
 : ]hYf`G`\_XGmghYa  
 6%5HB` fl Ł \*!%`\$A`!D` \$\$!5!J`&!A`C8-

### Pump Performance Datasheet

|                       |                                       |
|-----------------------|---------------------------------------|
| Customer :            | Quote number :                        |
| Customer reference :  | Size : B3ZPM                          |
| Item number : Default | Stages : 1                            |
| Service :             | Based on curve number : 5021-CCMD     |
| Quantity : 1          | Basic model number : B3ZM             |
|                       | Date last saved : 22 Aug 2022 9:07 AM |

| Operating Conditions                            |                     | Liquid                          |                    |
|---|---------------------|---------------------------------|--------------------|
| Flow, rated                                     | : 300.0 USgpm       | Liquid type                     | : --Water          |
| Differential head / pressure, rated (requested) | : 61.92 ft          | Additional liquid description   | :                  |
| Differential head / pressure, rated (actual)    | : 61.92 ft          | Solids diameter, max            | : 0.00 in          |
| Suction pressure, rated / max                   | : 0.00 / 0.00 psi.g | Solids concentration, by volume | : 0.00 %           |
| NPSH available, rated                           | : Ample             | Temperature, max                | : 68.00 deg F      |
| Site Supply Frequency                           | : 60 Hz             | Fluid density, rated / max      | : 1.000 / 1.000 SG |
|   |                     | Viscosity, rated                | : 1.00 cP          |
|   |                     | Vapor pressure, rated           | : 0.00 psi.a       |

| Performance                              |                             | Material                           |                     |
|--|-----------------------------|------------------------------------|---------------------|
| Speed criteria                           | : Synchronous               | Material selected                  | : Not specified     |
| Speed, rated                             | : 1750 rpm                  |                                    |                     |
| Impeller diameter, rated                 | : 7.88 in                   | Pressure Data                      |                     |
| Impeller diameter, maximum               | : 9.00 in                   | Maximum working pressure           | : 28.12 psi.g       |
| Impeller diameter, minimum               | : 6.06 in                   | Maximum allowable working pressure | : 215.0 psi.g       |
| Efficiency                               | : 74.96 %                   | Maximum allowable suction pressure | : N/A               |
| PEI (CL)                                 | : 0.98                      | Hydrostatic test pressure          | : N/A               |
| NPSH required / margin required          | : 14.04 / 0.00 ft           | Driver & Power Data (@Max density) |                     |
| Ns (imp. eye flow) / Nss (imp. eye flow) | : 1,575 / 4,609 US Units    | Driver sizing specification        | : Rated power       |
| MCSF                                     | : 159.3 USgpm               | Margin over specification          | : 0.00 %            |
| Head, maximum, rated diameter            | : 64.96 ft                  | Service factor                     | : 1.00              |
| Head rise to shutoff                     | : -0.94 %                   | Power, hydraulic                   | : 4.69 hp           |
| Flow, best eff. point                    | : 433.6 USgpm               | Power, rated                       | : 6.26 hp           |
| Flow ratio, rated / BEP                  | : 69.18 %                   | Power, maximum, rated diameter     | : 8.59 hp           |
| Diameter ratio (rated / max)             | : 87.50 %                   | Minimum recommended motor rating   | : 7.50 hp / 5.59 kW |
| Head ratio (rated dia / max dia)         | : 72.71 %                   |                                    |                     |
| Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]         | : 1.00 / 1.00 / 1.00 / 1.00 |                                    |                     |
| Selection status                         | : Acceptable                |                                    |                     |

