**HCP GF Series Submersible Grinder Pumps Technical Data and Specifications**

**Specifications**

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| --- | --- | --- |
| **Discharge (in):** | 1.25 - 3” | **MATERIALS:** |
| **Liquid Temp Limits:** | 32˚ - 104˚ F | **Upper Cover:** | ASTM-48, Class 30 |
| **Submersion Depth:** | 100 ft | **Motor Frame:** | ASTM-48, Class 30 |
| **Frequency:** | 60 Hz | **Main Shaft:** | SUS403 |
| **Motor:** | 3600 RPM – (2P)Dry Motor | **Mechanical Seal:** | UPPER: Carbon/CeramicLOWER: Silicon/Silicon |
| **Insulation:** | Class B (5 hp Class F) | **Casing:** | ASTM-48, Class 30 |
| **Protection:** | IP68 | **Impeller:** | ASTM-48, Class 30 |
| **Protector:** | Auto-cut | **Radial Cutter:** | SUS440C |
| **Bearing:** | Ball type | **Cutter Ring:** | SUS440C |
| **Mechanical Seal:** | Double | **Cable:** | VCT or H07RN-F or SJOW/SOW |
| **Impeller:** | Vortex |  |  |

**Performance**

*Product Nomenclature*

|  |  |  |  |
| --- | --- | --- | --- |
| **32** | **GF** | **2** | **1.5** |
| **Discharge (mm)** | **Type** | **Pole** | **kW** |

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| --- | --- | --- | --- | --- |
| **Model****Series:** | **Power**(Hp) | **Discharge**(in) | **Phase** | MAX |
| **Head**(ft) | **Flow**(GPM) |
| **32GF0.75** | 1/.75 | 1.25 | 1/3 | 63 | 35 |
| **32GF21.0** | 1.3/1 | 1.25 | 1/3 | 68 | 33 |
| **32GF21.0-2A** | 1.3/1 | 1.25 | 1/3 | 72 | 66 |
| **32GF21.5** | 2/1.5 | 1.25 | 1/3 | 85 | 38 |
| **32GF21.5-2A** | 2/1.5 | 1.25 | 1/3 | 78 | 66 |
| **32GF22.2** | 3/2.2 | 1.25 | 1/3 | 108 | 44 |
| **32GF22.2H** | 3/2.2 | 1.25 | 1/3 | 132 | 36 |
| **32GF22.2-2M** | 3/2.2 | 1.25 | 3 | 60 | 98 |
| **32GF23.0-2M** | 4/3.0 | 1.25 | 3 | 85 | 110 |
| **32GF23.0-2H** | 4/3.0 | 1.25 | 3 | 98 | 90 |
| **50GF22.2** | 3/2.2 | 2 | 3 | 82 | 85 |
| **50GF23.7** | 5/3.7 | 2 | 3 | 120 | 88 |
| **50GF24.02M** | 5.3/4.0 | 2 | 3 | 98 | 145 |
| **50GF24.0-2H** | 5.3/4.0 | 2 | 3 | 138 | 70 |
| **50GF25.5** | 7.5/5.5 | 2 | 3 | 145 | 91 |
| **50GF27.5** | 10/7.5 | 2 | 3 | 177 | 87 |
| **80GF25.5-2M** | 7.5/7.5 | 3 | 3 | 82 | 286 |
| **80GF25.5-2H** | 7.5/7.5 | 3 | 3 | 110 | 145 |
| **80GF27.5-2M** | 10/7.5 | 3 | 3 | 105 | 286 |
| **80GF27.5-2H** | 10/7.5 | 3 | 3 | 140 | 160 |



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