**HCP SS/SF Series Stainless Steel Submersible Pumps Technical Data and Specifications**

**Specifications**

|  |  |  |
| --- | --- | --- |
| **Discharge (in):** | 2 – 3” | **MATERIALS:** |
| **Liquid Temp Limits:** | 32˚ - 104˚ F | **Upper Cover:** | SCS14 |
| **Submersion Depth:** | 100 ft | **Motor Frame:** | SUS316 |
| **Frequency:** | 60 Hz | **Main Shaft:** | SUS316 |
| **Motor:** | 3600 RPM – (2P)Dry Motor | **Mechanical Seal:** | UPPER: Carbon/CeramicLOWER: Silicon/Silicon |
| **Insulation:** | Class B (5 hp Class F) | **O-Ring:** | Viton |
| **Protection:** | IP68 | **Casing:** | SCS13 (0.5 hp), SCS14 |
| **Protector:** | Auto-cut | **Impeller:** | SCS14 |
| **Bearing:** | Ball type | **Cable:** | VCT or H07RN-F or SJOW/SOW |
| **Mechanical Seal:** | Double |  |  |
| **Impeller:** | Semi-open |  |  |

**Performance**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model****Series:** | **Power**(Hp) | **Discharge**(in) | **Phase** | MAX | **Solids** **Passage** (in) |
| **Head**(ft) | **Flow**(GPM) |
| **SS-05A** | 0.5 | 2 | 1/3 | 37 | 60 | 0.5 |
| **SS-21A** | 1 | 2 | 1/3 | 50 | 88 | 0.5 |
| **SF-05AU** | 0.5 | 2 | 1/3 | 32 | 70 | 1.5 |
| **SF-21AU** | 1 | 2 | 3 | 45 | 95 | 1.5 |
| **80SFU21.5** | 2 | 3 | 3 | 26 | 105 | 2 |
| **80SFU22.2** | 3 | 3 | 3 | 41 | 105 | 2 |
| **80SFU23.7** | 5 | 3 | 3 | 58 | 132 | 2 |
| **80SFU25.5** | 7.5 | 3 | 3 | 101 | 332 | 2 |
| **80SFU27.5** | 10 | 3 | 3 | 122 | 360 | 2 |
| **80SFP21.5** | 2 | 3 | 3 | 26 | 160 | 1.5 |
| **80SFP22.2** | 3 | 3 | 3 | 41 | 160 | 1.5 |
| **80SFP23.7** | 5 | 3 | 3 | 68 | 150 | 1.5 |
| **80SFP25.5** | 7.5 | 3 | 3 | 120 | 398 | 1.5 |
| **80SFP27.5** | 10 | 3 | 3 | 145 | 452 | 1.5 |
| **100SFP25.5** | 7.5 | 4 | 3 | 119 | 460 | 2 |
| **100SFP27.5** | 10 | 4 | 3 | 145 | 540 | 2 |



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