

## AF Series - Submersible Sewage / Wastewater Pumps

50Hz ◆ Discharge 50~100mm

| Item          |              | Description                                                                                          |
|---------------|--------------|------------------------------------------------------------------------------------------------------|
| Limits of Use | Liquid Temp. | 0~40° C (32~104° F)                                                                                  |
|               | Applications | Wastewater · Sewage · Industrial Wastewater                                                          |
| Type          | Frequency    | 50Hz                                                                                                 |
|               | Motor        | 2P (3000rpm) /4P(1500rpm) · Dry Motor                                                                |
|               | Insulation   | Class B (0.5~1HP) ·<br>Class F (2~5HP) · Class H (7.5~15HP)                                          |
|               | Protection   | IP68                                                                                                 |
|               | Protector    | Auto-cut(0.5~10HP) · MTS & MS(15HP)                                                                  |
|               | Bearing      | Ball type                                                                                            |
|               | M.seal       | Double M.seals                                                                                       |
|               | Impeller     | Vortex (U) · Open (P) · Channel (E)                                                                  |
| Material      | Upper Cover  | FC200                                                                                                |
|               | Motor Frame  | FC200                                                                                                |
|               | Shaft        | SUS410 (2P : 0.5~1HP)<br>SUS403 (2P : 2~10HP · 4P : 0.5~5HP)<br>SUS420J2 (2P : 15HP · 4P : 7.5~10HP) |
|               | M.seal       | CA/CE & SiC/SiC                                                                                      |
|               | Casing       | FC200                                                                                                |

| Item     |          | Description                                                                                    |
|----------|----------|------------------------------------------------------------------------------------------------|
|          | Impeller | FC200                                                                                          |
|          | Cable    | VCT/H07RN-F/SJOW/SOW                                                                           |
| Optional |          | Pumps can be customized to fit specifications<br>Floating Switch (2P : 0.5~3HP · 4P : 0.5~2HP) |

**50Hz** ◆ Discharge 150~400mm

| Item          |              | Description                                 |
|---------------|--------------|---------------------------------------------|
| Limits of Use | Liquid Temp. | 0~40° C (32~104° F)                         |
|               | Applications | Wastewater · Sewage · Industrial Wastewater |
| Type          | Frequency    | 50Hz                                        |
|               | Motor        | 4P (1500rpm) /6P (1000rpm) · Dry Motor      |
|               | Insulation   | Class H                                     |
|               | Protection   | IP68                                        |
|               | Protector    | MTS & MS                                    |
|               | Bearing      | Ball type                                   |
|               | M.seal       | Double M.seals                              |
|               | Impeller     | Channel (E)                                 |
|               | Upper Cover  | FC200                                       |
|               | Motor Frame  | FC200                                       |

| Item     |          | Description                                   |
|----------|----------|-----------------------------------------------|
| Material | Shaft    | SUS420J2                                      |
|          | M.seal   | CA/CE & SiC/SiC · SiC/SiC & SiC/SiC           |
|          | Casing   | FC200                                         |
|          | Impeller | FC200                                         |
|          | Cable    | VCT/PNCT/H07RN-F                              |
| Optional |          | Pumps can be customized to fit specifications |

**60Hz** ◆ Discharge 50~100mm

| Item          |              | Description                                                 |
|---------------|--------------|-------------------------------------------------------------|
| Limits of Use | Liquid Temp. | 0~40° C (32~104° F)                                         |
|               | Applications | Wastewater · Sewage · Industrial Wastewater                 |
| Type          | Frequency    | 60Hz                                                        |
|               | Motor        | 2P (3600rpm) /4P(1800rpm) · Dry Motor                       |
|               | Insulation   | Class B (0.5~1HP) ·<br>Class F (2~5HP) · Class H (7.5~15HP) |
|               | Protection   | IP68                                                        |
|               | Protector    | Auto-cut / MTS / MTS & MS                                   |
|               | Bearing      | Ball type                                                   |
|               | M.seal       | Double M.seals                                              |
|               | Impeller     | Vortex (U) · Open (P) · Channel (E)                         |

| Item     |             | Description                                                                                          |
|----------|-------------|------------------------------------------------------------------------------------------------------|
| Material | Upper Cover | FC200                                                                                                |
|          | Motor Frame | FC200                                                                                                |
|          | Shaft       | SUS410 (2P : 0.5~1HP)<br>SUS403 (2P : 2~10HP · 4P : 0.5~5HP)<br>SUS420J2 (2P : 15HP · 4P : 7.5~10HP) |
|          | M.seal      | CA/CE & SiC/SiC                                                                                      |
|          | Casing      | FC200                                                                                                |
|          | Impeller    | FC200                                                                                                |
|          | Cable       | VCT/H07RN-F/SJOW/SOW                                                                                 |
| Optional |             | Pumps can be customized to fit specifications<br>Floating Switch(2P : 0.5~3HP · 4P : 0.5~2HP)        |

**60Hz** ◆ Discharge 150~400mm

| Item          |              | Description                                    |
|---------------|--------------|------------------------------------------------|
| Limits of Use | Liquid Temp. | 0~40° C (32~104° F)                            |
|               | Applications | Wastewater · Sewage · Industrial Wastewater    |
|               | Frequency    | 60Hz                                           |
|               | Motor        | 4P(1800rpm)/6P(1200rpm)/8P(900rpm) · Dry Motor |
|               | Insulation   | Class H                                        |

| Item     |                | Description                                   |
|----------|----------------|-----------------------------------------------|
| Type     | Protection     | IP68                                          |
|          | Protector      | MTS & MS                                      |
|          | Bearing        | Ball type                                     |
|          | M.seal         | Double M.seals                                |
|          | Impeller       | Channel (E)                                   |
| Material | Upper Cover    | FC200                                         |
|          | Motor<br>Frame | FC200                                         |
|          | Shaft          | SUS420J2                                      |
|          | M.seal         | CA/CE & SiC/SiC · SiC/SiC & SiC/SiC           |
|          | Casing         | FC200                                         |
|          | Impeller       | FC200                                         |
|          | Cable          | VCT/PNCT/H07RN-F                              |
| Optional |                | Pumps can be customized to fit specifications |