

|                   |        |                 |             |                     |                          |          |
|-------------------|--------|-----------------|-------------|---------------------|--------------------------|----------|
| Discharge bore mm | Phases | Motor output kW | Head max. m | Capacity max. l/min | Max. solid handling ø mm | PH value |
| 80                | 3      | 7,5             | 34,8        | 2000                | 30                       | 4.0-11.0 |



## GENERAL

|                      |                              |
|----------------------|------------------------------|
| ø Discharge bore mm  | 80mm                         |
| Discharge Connection | Inside thread, JIS10K flange |

## PUMP

## COMPONENTS

|            |                        |
|------------|------------------------|
| Impeller   | Open type impeller     |
| Shaft Seal | Double mechanical seal |
| Bearings   | Shielded ball bearings |

## MATERIAL

|               |  |
|---------------|--|
| Impeller      | Stainless steel casting DIN GX5CrNiMo19-11-2 |
| Casing        | Stainless steel casting DIN GX5CrNiMo19-11-2 |
| Suction Plate | Stainless steel casting DIN GX5CrNiMo19-11-2 |
| Shaft Seal    | Silicon carbide in oil bath                  |

## PUMPING FLUID

|               |                   |
|---------------|-------------------|
| Temperature   | 0-40°C            |
| Type of Fluid | Aggressive sewage |

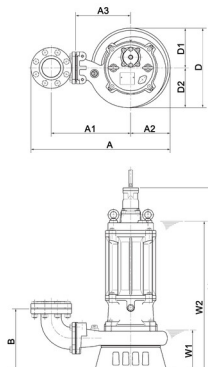
## MOTOR

|                            |                                |
|----------------------------|--------------------------------|
| Lubrication                | Turbine oil (ISO VG32)         |
| Motor Protector (built-in) | Circle thermal cut-out         |
| Type, Poles                | Induction motor, 2 poles, IP68 |
| Insulation                 | Insulation class F             |
| Phase / Voltage            | 3-phase / 400V / 50Hz / d.o.l. |

## MATERIAL

|        |  |
|--------|--|
| Casing | Stainless steel casting DIN GX5CrNiMo19-11-2 |
| Shaft  | Stainless steel EN-X5CrNiMo17-12-2           |
| Cable  | Rubber, NSSHÖU                               |

80SFQ27.5



| Model     | A   | A1  | A2  | A3  | B   | D   | D1  | D2  | H   | W1  | W2  |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 80SFQ27.5 | 635 | 362 | 180 | 250 | 287 | 360 | 180 | 180 | 844 | 190 | 690 |

Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately