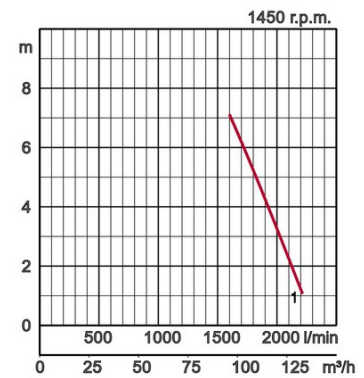


## Specifications:

| Model     | Colour code curve | Bore mm | Motor output kW | Rated current A | Head max. m | Capacity max. l/min | Dry weight kg w/o cable | Max. solid handling ø mm | Pressure resistance max. m | Cable length m |
|-----------|-------------------|---------|-----------------|-----------------|-------------|---------------------|-------------------------|--------------------------|----------------------------|----------------|
| 80UYZ46.5 | ● 1               |         |                 | 13,1            | 7,0         | 2214                | 130,1                   |                          | 20                         |                |

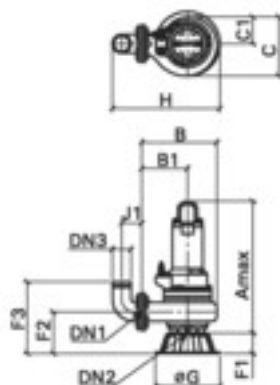
3.7 kW version available in d.o.l. or star-delta

|                      |                            |  |                                    |  |
|----------------------|----------------------------|--|------------------------------------|--|
| ø Discharge bore mm  |                            | 80mm   |                                    |  |
| Pumping Fluid        | Type of Fluid              | Municipal sewage   |                                    |  |
|                      | Temperature                | 0-40°C   |                                    |  |
| Pump                 | Components                 | Impeller   | Vortex impeller                    |  |
|                      |                            | Shaft Seal   | Double mechanical seal             |  |
|                      |                            | Bearings   | Shielded ball bearings             |  |
|                      | Material                   | Impeller   | Grey iron casting EN-GJL-250       |  |
|                      |                            | Casing   | Grey iron casting EN-GJL-250       |  |
|                      |                            | Shaft Seal   | SiC, upper in oil bath             |  |
|                      |                            | Wearing  | Bronze                             |  |
| Motor                | Motor Protector (built-in) |  | Miniature protector                |  |
|                      | Type, Poles                |  | Induction motor, 4 poles, IP68     |  |
|                      | Lubrication                |  | Turbine oil (ISO VG32)             |  |
|                      | Phase / Voltage            |  | 3-phase / 400V / 50Hz / s.d.       |  |
|                      | Insulation                 |  | Insulation class H                 |  |
|                      | Material                   | Casing   | Grey iron casting EN-GJL-250       |  |
|                      |                            | Shaft  | Stainless steel EN-X5CrNiMo17-12-2 |  |
| Cable                |                            | Rubber, 10m H07RN8-F   |                                    |  |
| Discharge Connection |                            | Flange DIN/ANSI DN80 (PN10)  |                                    |  |
| Optional Accessories |                            | Guide rail fitting "TOS" (guide support, duck foot bend, lifting chain) / Bend and stand set for free standing types |                                    |  |



## Dimensions in mm:

| Model     | A   | B   | B1  | H   |
|-----------|-----|-----|-----|-----|
| 80UYZ46.5 | 767 | 408 | 250 | 628 |



W1: lowest running water level

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