

|                       |                           |
|-----------------------|---------------------------|
| Pump type:            | Dry installed vortex pump |
| Application:          | Waste water, Sewage       |
| Solids passage        | 80 mm                     |
| Discharge diameter    | 100 mm                    |
| Suction diameter      | 100 mm                    |
| Impeller type:        | Vortex                    |
| Impeller diameter     | 250 – 160 mm              |
| Recommended min. flow | 6 l/sec (21 m3/h)         |
| Weight (HX version)   | 115 kg                    |

**Materials**

|                  |                                   |
|------------------|-----------------------------------|
| Pump parts       | Cast iron GG 25 ( EN-GJL-250)     |
| Impeller         | S.g. iron GGG 40 (EN-GJS-400-15)  |
| Pump shaft       | AISI 431 (X20 CrNi 17 2)          |
|                  | Alt: AISI 316 (X5 CrNiMo 17 12 2) |
| Pump support     | Fe 360                            |
| Bolts            | AISI 316 (X5 CrNiMo 17 12 2)      |
| Seal lubrication | Oil                               |
| Seal pump side   | Silicon carbide – silicon carbide |
| Seal motor side  | Carbon - ceramic                  |
| Coating          | Two component polyurethane        |

**Installation options**

|                       |    |                        |    |
|-----------------------|----|------------------------|----|
| Horizontal bare shaft | HX | with motor and support | HM |
| Vertical bare shaft   | VX | with motor and stand   | VM |
| V-belt driven         | KM |                        |    |

**Available motors (IP55)**

| Size     | kW   | rpm  |
|----------|------|------|
| IEC 160M | 11.0 | 2900 |
|          | 15.0 | 2900 |
| IEC 180M | 22.0 | 2900 |
|          |      |      |
| IEC 200L | 30.0 | 2900 |
|          | 37.0 | 2900 |
| IEC 225M | 45.0 | 2900 |
|          |      |      |
| IEC 250M | 55.0 | 2900 |

**Optional**

- Seal flushing

