

|                       |                           |
|-----------------------|---------------------------|
| Pump type:            | Dry installed Slurry pump |
| Application:          | Abrasive Media            |
| Solids passage        | 80 mm                     |
| Discharge diameter    | 100 mm                    |
| Suction diameter      | 100 mm                    |
| Impeller type:        | Vortex                    |
| Impeller diameter     | 230/ 190 mm               |
| Recommended min. flow | 6 l/sec (21 m3/h)         |
| Weight (HX version)   | 110 kg                    |

**Materials**

|                         |                                   |
|-------------------------|-----------------------------------|
| Pump casing/ wear plate | Nihard 4 (G-X300CrNiSi 9-5)       |
| Impeller                | Nihard 4 (G-X300CrNiSi 9-5)       |
| 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 |
| Horizontal (short coupled) | HS |                        |    |
| Vertical (short coupled)   | VS |                        |    |
| V-belt driven              | KM |                        |    |

**Available motors (IP55)**

| Size     | kW   | rpm  |
|----------|------|------|
| IEC 132S | 3.0  | 960  |
|          | 5.5  | 1450 |
| IEC 132M | 4.0  | 960  |
|          | 5.5  | 960  |
|          | 7.5  | 1450 |
| IEC 160M | 11.0 | 1450 |
| IEC 160L | 15.0 | 1450 |

**Optional**

- Seal flushing

