



## Material of construction

| Item No. | Part name            | Material          | Item No. | Part name            | Material  |
|----------|----------------------|-------------------|----------|----------------------|---|
| 01       | Discharge connection | Ductile iron      | 16       | Inlet plate          | Ductile iron                                    |
| 03       | Terminal box         | Cast iron         | 24       | Neck ring            | High chrome alloy                               |
| 05       | Upper cover          | Cast iron         | 25       | Strainer             | Shaft: AISI420SS                                |
| 07       | Bearing house        | Cast iron         | 27       | Stator               |   |
| 10a      | Seal bracket         | Cast iron         | 28       | Rotor                |   |
| 10b      | Seal bracket         | Cast iron         | 31a      | Bearing              | Ball bearing                                    |
| 11       | Motor body           | Cast iron         | 31b      | Bearing              | Angular contact bearing                         |
| 12       | Outer casing         | Steel             | 34       | Mechanical seal      | Sic-Sic/Sic-Sic(11kW)<br>Tc-Sic/Sic-Sic(> 22kW) |
| 14a      | Impeller             | High chrome alloy | 35       | Oil seal             |   |
| 14b      | Impeller             | High chrome alloy | 41a      | Cable fixing plate   | Cast iron                                       |
| 15a      | Diffuser & Casing    | Ductile iron      | 41b      | Bearing fixing plate | Cast iron                                       |
| 15b      | Diffuser & Casing    | Ductile iron      | 47       | Cable                |   |
| 15c      | Diffuser & Casing    | Ductile iron      |          |                      |   |

## Dimensions & weights

| Model<br>(50/60Hz) | A  | B   | C   | n-Ød    | D   | H    | H1  | W1  | N.W | G.W | Packing dimension<br>mm |
|--------------------|----|-----|-----|---------|-----|------|-----|-----|-----|-----|-------------------------|
|                    | mm | mm  | mm  | mm      | mm  | mm   | mm  | mm  | Kg  | Kg  |                         |
| SH23.0W            | 50 | 125 | 165 | 4-Ø17.5 | 185 | 685  | 570 | 146 | 52  | 57  | 740x220x295             |
| SH25.5W            | 50 | 125 | 165 | 4-Ø17.5 | 242 | 788  | 616 | 170 | 100 | 107 | 840x280x385             |
| SH311W             | 80 | 160 | 200 | 8-Ø17.5 | 275 | 1036 | 824 | 210 | 160 | 172 | 1085x310x415            |