

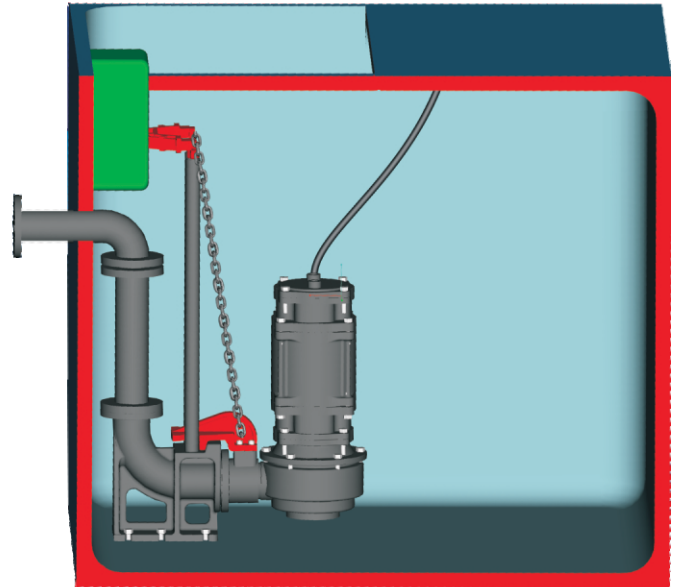
Auto-Coupling system with Guide Rails

Introduction

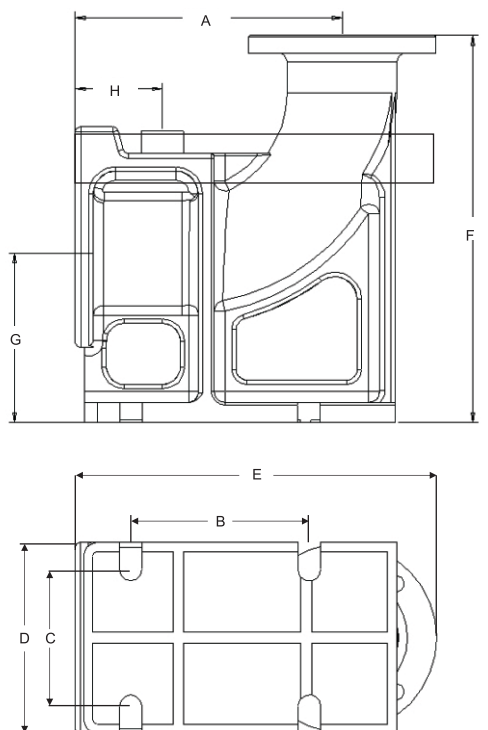
Auto coupling system readily connects / disconnects the pump to / from the piping system only by lifting up and down the pump. This simplifies regular maintenance and inspection, which will no longer require entry into the sump. Pump is mounted on guide rails with the use of a guide hook located at the pump discharge. Pump then can be lowered or removed by simply lifting with a chain. No bolting or unbolting flanges are required to remove or install the pump. The weight of the pump does the sealing, assuring that there is no leak by at the connection point.

Guide rail system comes with the following attachments,

1. Fixing stand
2. Locking arrangement
3. Bend pipe



Dimension Details



| S.No | PIPE SIZE (inch) | A | B | C | D | E | F | G | H |
|------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 97 | 102 | 104 | 140 | 184 | 171 | 100 | 22 |
| 2 | 2.5 | 295 | 200 | 165 | 200 | 290 | 250 | 165 | 115 |
| 3 | 3 | 356 | 250 | 203 | 270 | 390 | 400 | 200 | 115 |
| 4 | 4 | 350 | 250 | 203 | 270 | 390 | 400 | 200 | 115 |
| 5 | 6 | 395 | 279 | 254 | 309 | 390 | 450 | 250 | 115 |
| 6 | 8 | 425 | 279 | 254 | 309 | 381 | 450 | 257 | 115 |
| 7 | 10 | 476 | 502 | 254 | 309 | 628 | 476 | 254 | 115 |
| 8 | 12 | 552 | 502 | 502 | 620 | 651 | 800 | 500 | 115 |

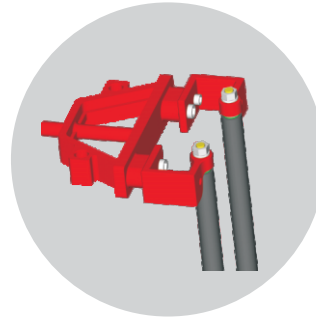
*All dimensions are in mm

*Dimensions shown are for guidance and planning purposes only

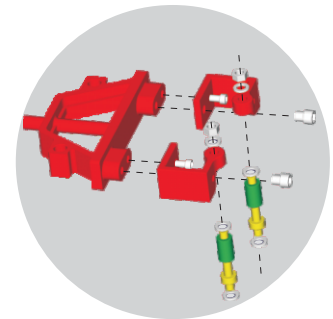
The Discharge connections shown here is typical in appearance for most pumps

Auto-Coupling system with Guide Rails

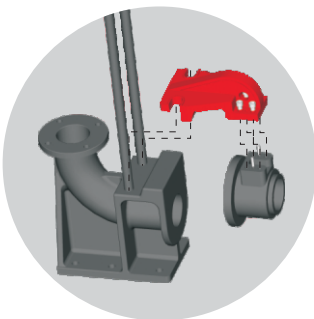
Auto Coupling Assembly



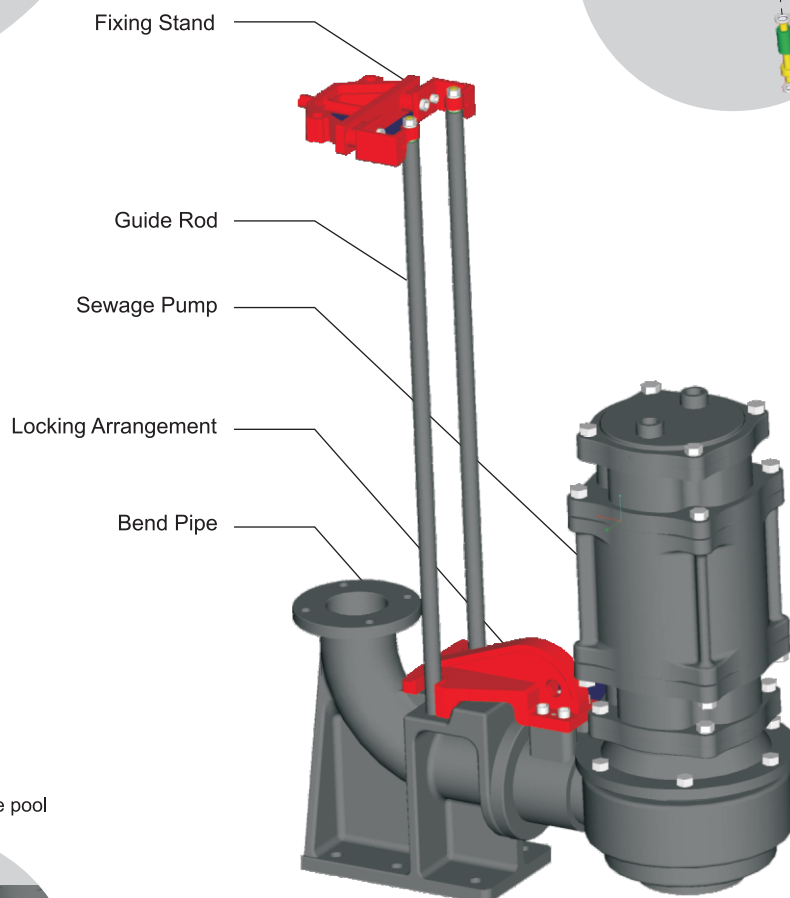
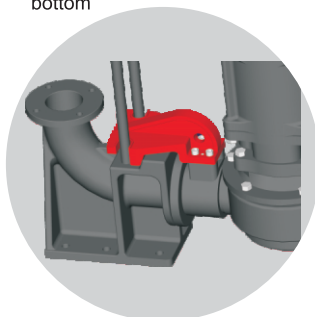
Tightly press the rubber cork with bolts and adjust its diameter to be identical to the ID of the guide rod, fix the guide rod. Fixing stand-material in steel casting.



Connected together with the pump and slides down onto the outlet pipe seat. Locking arrangement-material in steel casting.



Permanently fixed on the pool bottom



Under the self weight of the pump, both coupling stand and fit inclined plane of the outlet pipe seat are tightly wedged and then closely fitted with the sealing surface of the seat to finish automatic coupling installation. The pump will automatically separate from the outlet pipe seat when lifted. Bend pipe-material in cast iron.