

GUIDERAIL SYSTEMS

The **guide rail fitting system** connects the pump to and from the piping easily just by lowering and hoisting the pump, allowing easy maintenance and inspection without the need to enter the sump. Pump models used in combination with the guide rail fitting system can be identified by the prefix “TO or TOS” and “TOK”. Refer to standard specifications for availability and model numbers.

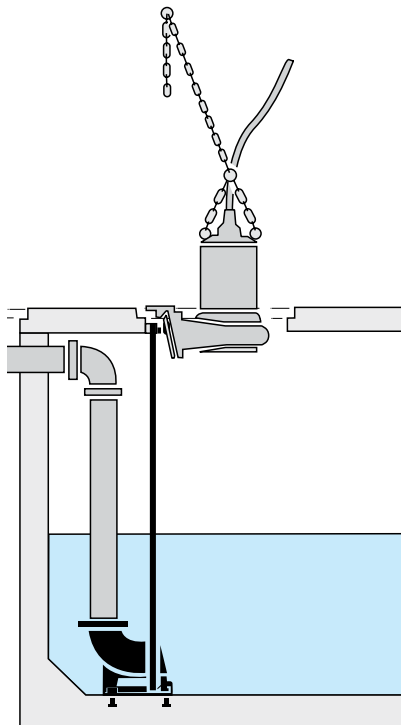
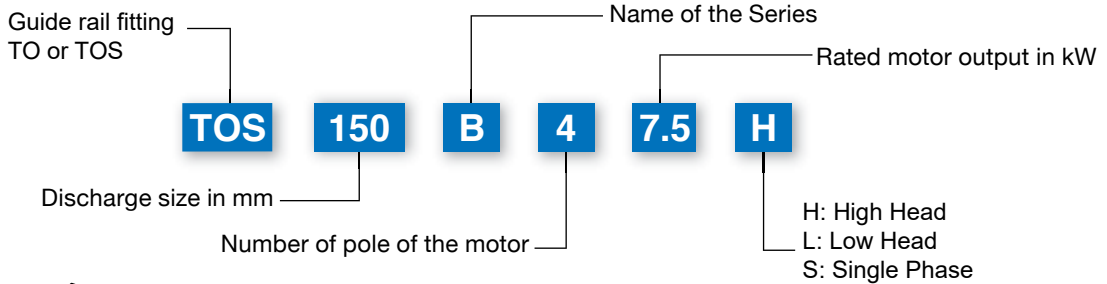
The **TOS / TO** is the standard guide rail fitting system made of cast-iron and is compatible with cast-iron pumps. Pumps having a discharge bore from 2 inches to 6 inches are available for the TOS, and from 8 inches to 32 inches are available for the TO.



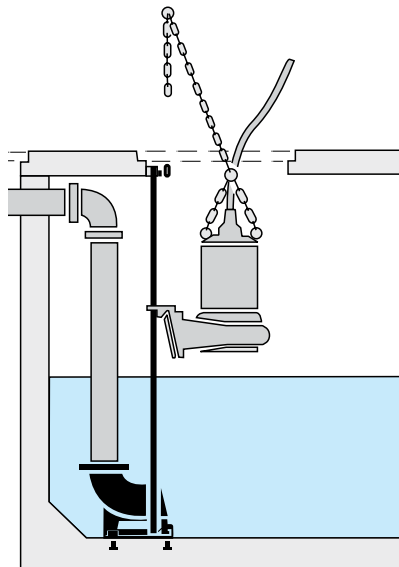
The **TOK** guide rail connecting system is made of a high-quality corrosion resistant resin. This system is specifically designed for use with the corrosion resistant, light weight VANCS™ pumps (Page 16).



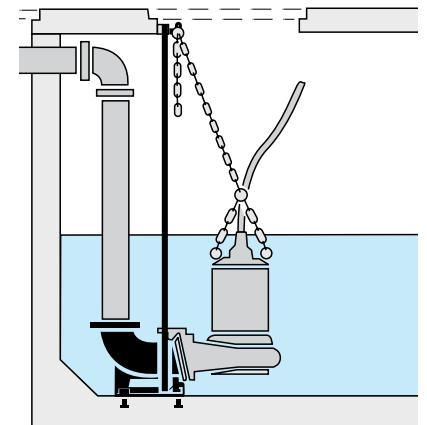
MODEL NUMBER DESIGNATION



**1** Raise the pump from the proper lifting points using a chain hoist. Align the guide hook, mounted on pump discharge, over the guide rails (typically Sch. 40 pipes).



**2** Use the hoist to gradually lower the pump down along the guide rails and into the pit. Make sure rails are clean of debris / rust to ensure smooth entry.



**3** Continue to lower until the pump's discharge flange mates to the flange of the discharge bend. There is no need for bolting the flanges, pump weight maintains seal. To disconnect, use the hoist to lift out.