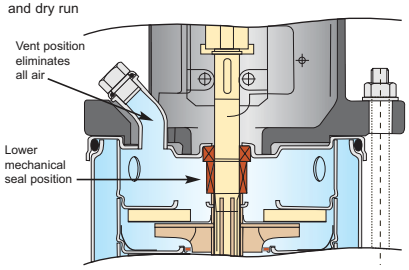
Air Vent

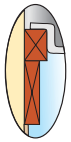
in casing cover allows proper venting preventing air entrapment and dry run



Standard NEMA Motors

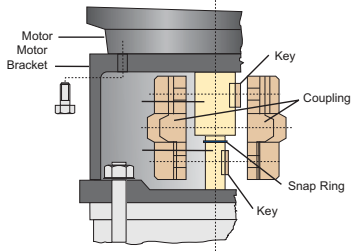
Mechanical Seal

Silicon/Carbon/Viton mechanical shaft seal



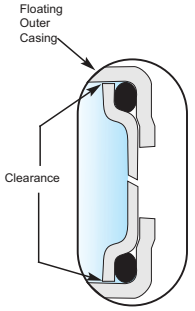
Direct Drive

pump and motor shafts are keyed for positive, reliable power transmission with **no adjustments necessary**



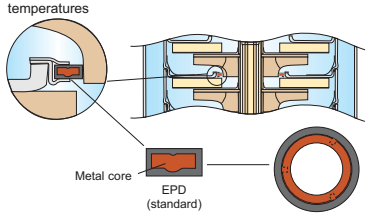
Floating Outer Casing

allows for thermal expansion in hot water applications and is flexible preventing deformation due to pressure fluctuations



Liner Ring

is a self-aligning, floating design constructed of EPD bonded to stainless steel to prevent swelling at high temperatures



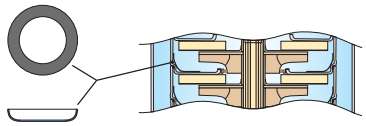
Thrust Bearing

built-in on 3 HP and larger pumps to handle axial thrust loads

Tie bolts

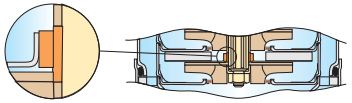
Anti-Erosion Measures

a dish-shaped insert is fitted to the intermediate casing designed to promote smooth flow and prevent high velocity areas that accelerate erosion



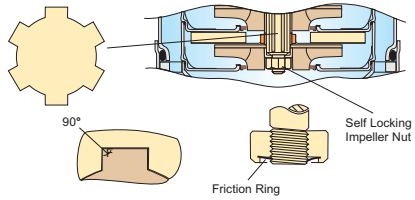
Tungsten Carbide Lower Pump Bearings

and sleeves are standard construction for all services providing maximum operating life



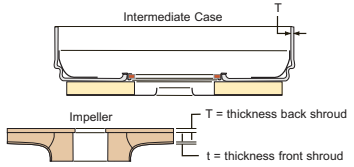
Square-Edge Spline Shaft

provides positive location and drive of impellers eliminating wear from sliding between faces



Webtrol V Series Booster

intermediate casings are 25% to 55% thicker than comparable designs. All of this yields longer life under varying conditions.



Positive Sealing

O-rings between intermediate casings provide positive sealing

Inlet

Outlet

Dimensions & flanges

installation is to market accepted dimensions for easy upgrade of existing installations