

# HRF Series

## TOP ENTRY MIXERS



### DESCRIPTION

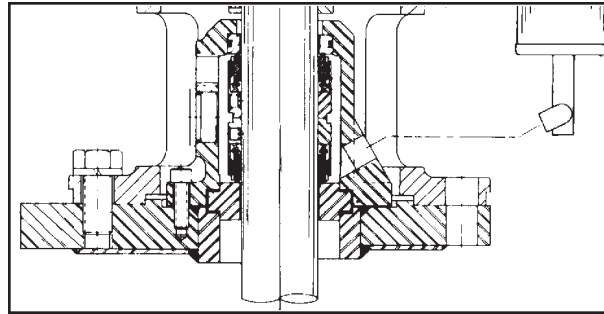
The Hayward Gordon HRF series mixers handle agitation requirements in the transition area between small top entering propeller and large turbine mixers. They are suited to many applications with moderate batch size, particularly where viscosity is high or where the process demands turbine performance characteristics. Size and speed ranges of the HRF series substantially overlap conventional propeller and turbine capacities, offering a wide choice of units in this transition range.

### FEATURES:

- Simple Blending
- Gas Dispersion
- Dissolving
- Reactions
- Solid Suspension
- Heat Transfer
- Emulsions
- High Viscosity

## IMPELLERS:

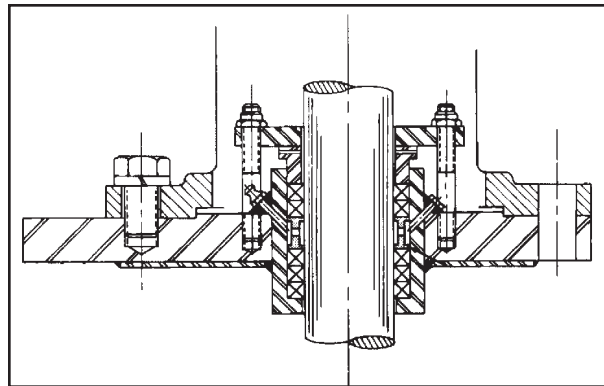
Numerous impeller styles are available with the most common being the 45° pitched blade, vertical flat blade or high efficiency low shear impeller. All impeller configurations are pre-engineered to meet your specific process needs. All impellers are available in carbon steel, stainless steel, or special alloy materials. In addition, special coating materials can be applied for abrasion or corrosion resistance.



*Double Mechanical Seal*

## MOUNTING:

HRF series mixers are available with standard baseplate or a wide selection of shaft seals. These seals range from a simple V-ring to special high temperature, high pressure mechanical seals. Open tank mixers are supplied with a flanged cartridge ball bearing with an additional lip seal beneath the bearing to protect against product contamination.



*High Pressure Stuffing Box*

## SHAFTING:

Generous shaft diameters and sturdy bearing supports permit adequate shaft extensions without stabilizers or steady bearings. For extra-long shaft extensions, stabilizer rings or foot bearings are available when specified. A machined spigot fit assures proper alignment after bolting.

## VARIABLE SPEED:

Variable speed units can be supplied fitted with an AC motor and variable frequency controller; DC motor and SCR; or fixed centre mechanical variable speed drive.



*Process Solutions since 1952*

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