## Lineshaft Pumps

## Mixed Flow Pumps

## Pump Features:

- Flanged Drive Coupling
- Removable Stuffing Box \& Bearing Housing
- Removable Bearing Retainer
- Stainless Steel Line Shaft
- Stainless Steel High-Efficiency Impeller
- Durable Nitrile Rubber Marine Bearings
- Close Tolerance Parallel Machined Flanges
- Stainless Steel Bowl Wear Ring
- Optional Ceramic Coating

PUMP COMPANY
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## Lineshaft Pumps- Mixed Flow

The High efficiency Morrison Pump Mixed Flow Lineshaft Pump has been engineered and manufactured for severe duty applications and continuous operation.

Morrison Mixed Flow Pumps include all standard lineshaft features of our Axial Flow Pumps, including jointed (segmented) pump construction, dynamic balancing of impellers, stainless steel rotating elements and wear rings, flanged drive couplings, electrical isolation of dissimilar metals, removable bearing retainers, and standard marine nitrile rubber radial bearings.

Morrison High-Efficiency Mixed Flow Lineshaft Pumps may be oil, water, or product lubricated (no seals, no oil), with optional features including bearing RTDs, shaft speed sensors, and ceramic coating. Various material options include marine steel, austenitic stainless steel (AISI 316L), duplex stainless steels, and titanium.


Please consult Morrison Pump Company for larger pump sizes. Morrison Axial Flow also available.

| PUMP PART | PART DESCRIPTION |
| :--- | :--- |
| Pump Body | Segmented, A36 Carbon Steel |
| Impeller | Stainless Steel 304L / 316L |
| Wear Ring | Flanged, Isolated, Stainless Steel 304L / 316L |
| Lineshaft | Stainless Steel 304L / 316L |
| Bearings - Product Lube | Marine Nitrile Rubber |
| Bearings - Oil Lube | Bronze SAE 64 |
| Bearing Retainers | Removable, A36 Carbon Steel |
| Support Baseplate | Split \& Removable, A36 Carbon Steel |
| Mounting Hardware | Stainless Steel 304 / 316 |



