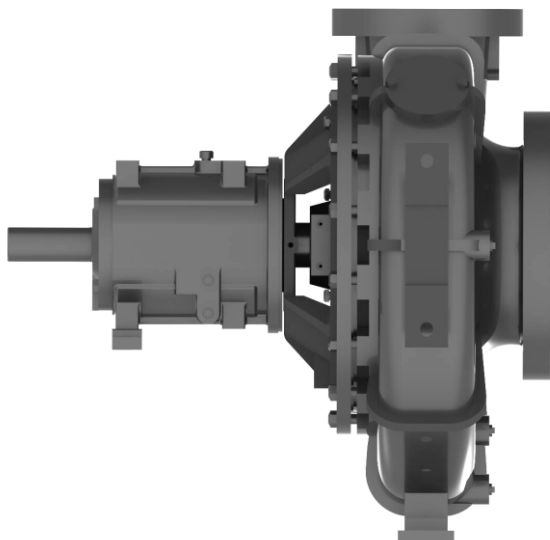


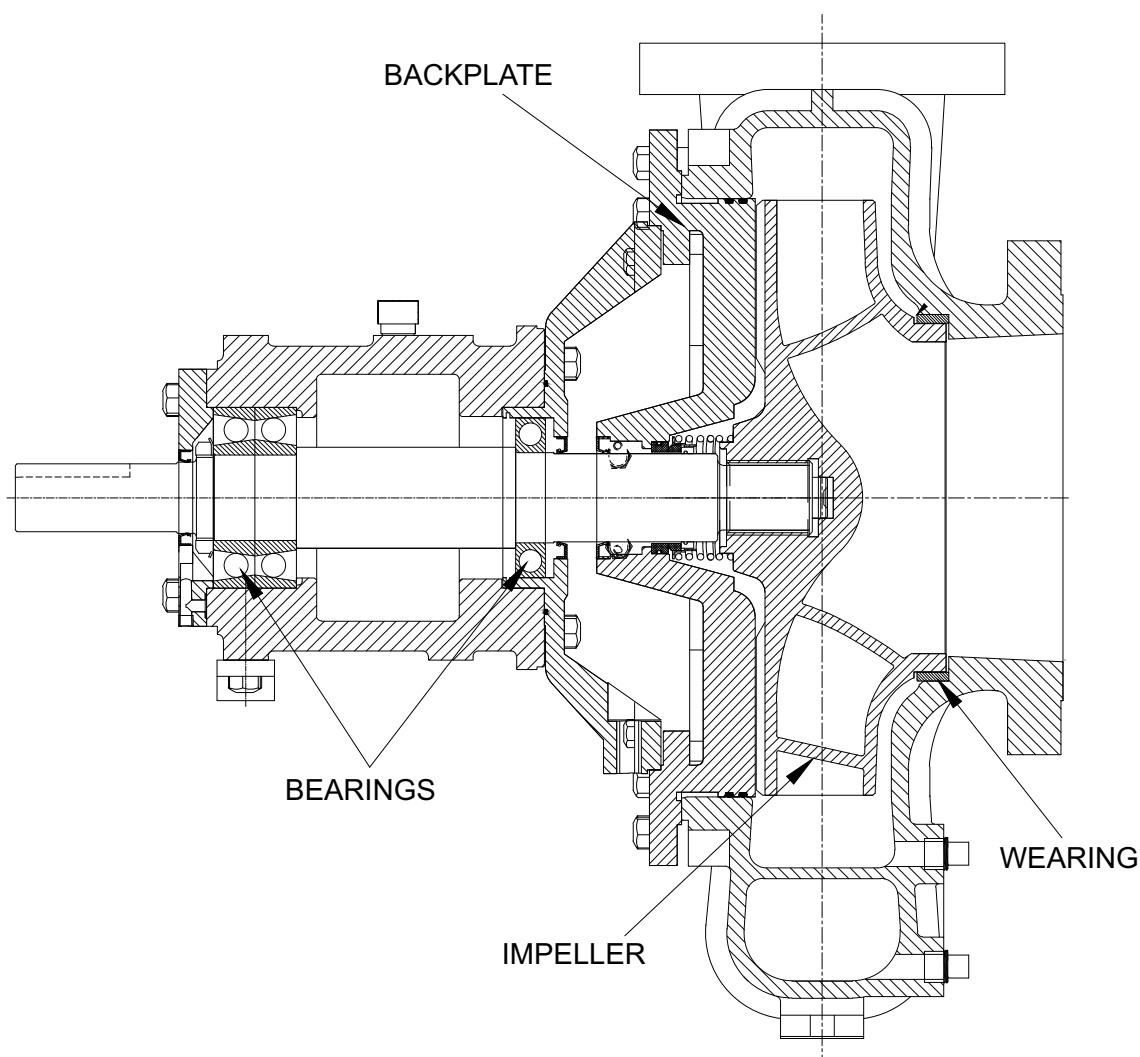


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MCL-P12822S



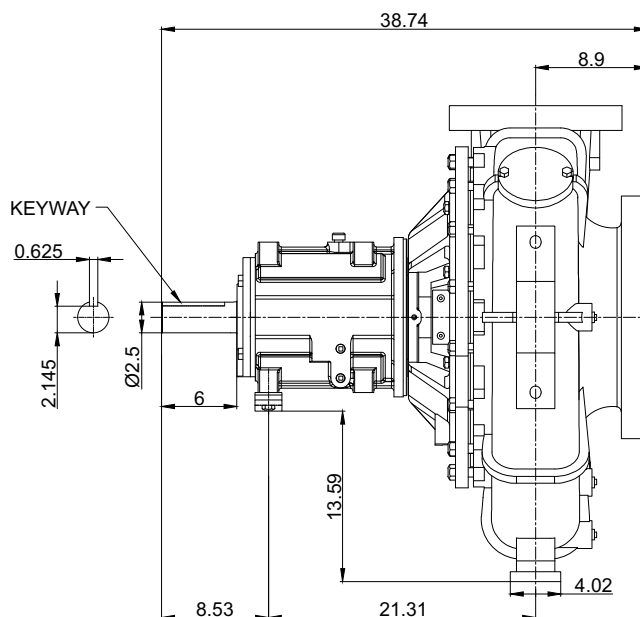
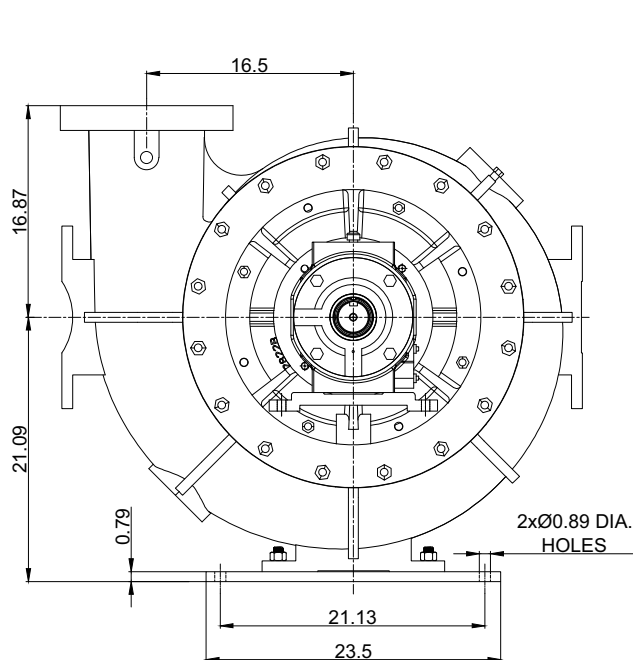
- Size :MCL-P12822S-8" discharge x 12" suction with 150# ductile iron flanges
- Casing : Ductile Iron
Impeller : Enclosed -2 vane . Handles 3" diameter solids
- Wear Rings : Replaceable
- Seal : with Run - Dry oil lubrication system . John Crane T -2 single mechanical seal with VitonR elastomers , stainless steel hardware and tungsten - vs . siliconcarbide seal faces for abrasion resistance
- Shaft : Heat treated 17-4PH stainless steel
- Bearings : Heavy duty , grease lubricated , deep groove ball bearings , with a minimum of 50,000 hours bearing life



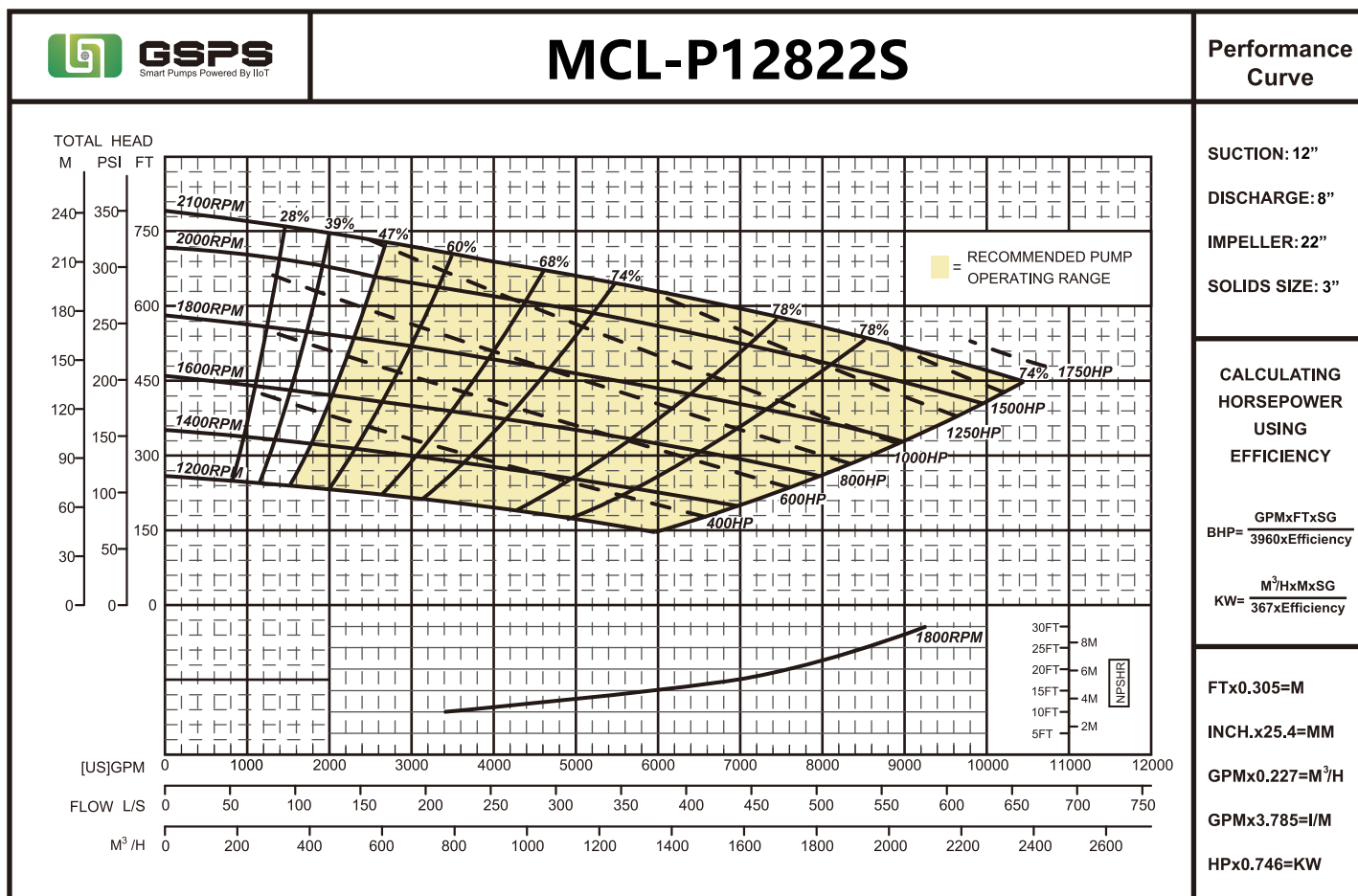


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PERFORMANCE CURVES

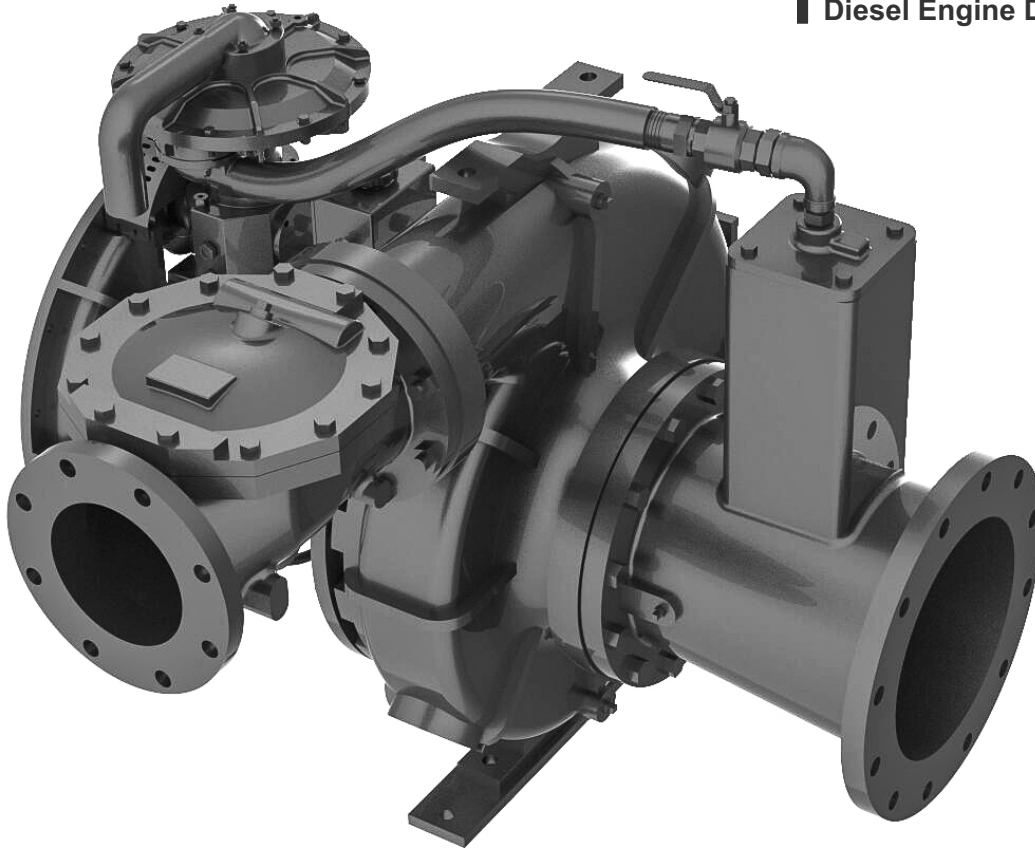




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3D Rendering of
Diesel Engine Drive Assembly



PUMP SPECIFICATIONS

- Size :MCL-P12822S-8" discharge x 12" suction with 150# ductile iron flanges
Casing : Ductile Iron
- Impeller : Enclosed -2 vane . Handles 3" diameter solids · Wear Rings : Replaceable
- Seal : with Run - Dry oil lubrication system . John Crane T -2 single mechanical seal with VitonR elastomers ,
• stainless steel hardware and tungsten - vs . siliconcarbide seal faces for abrasion resistance
- Shaft : Heat treated 17-4PH stainless steel
- Bearings : Heavy duty , grease lubricated , deep groove ball bearings , with a minimum of 50,000 hours bearing life
- Hardware : Stainless steel float linkage
- A positive seating vacuum priming valve prevents water carry - over to the vacuum , pump or atmosphere
- Vacuum Pump -50 SCFM Maximum



DISCHARGE

DISCHARGE CHECK VALVE

VACUUM PUMP

AIR/WATER SEPARATOR

BALL VALVE

BEARINGS

BEARING FRAME

BACKPLATE

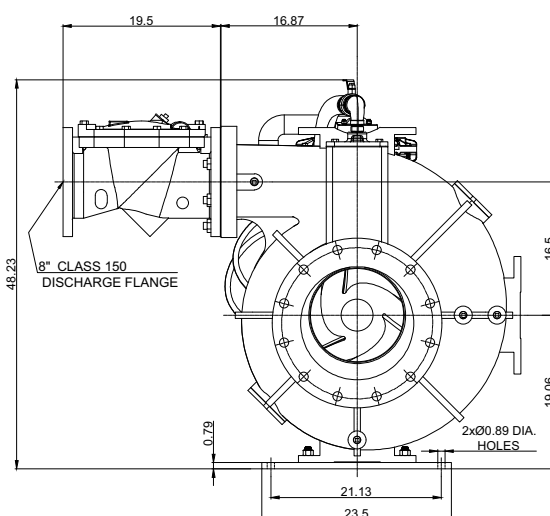
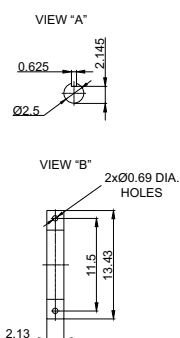
IMPELLER

WEARING

VOLUTE

SUCTION SPOOL

SUCTION

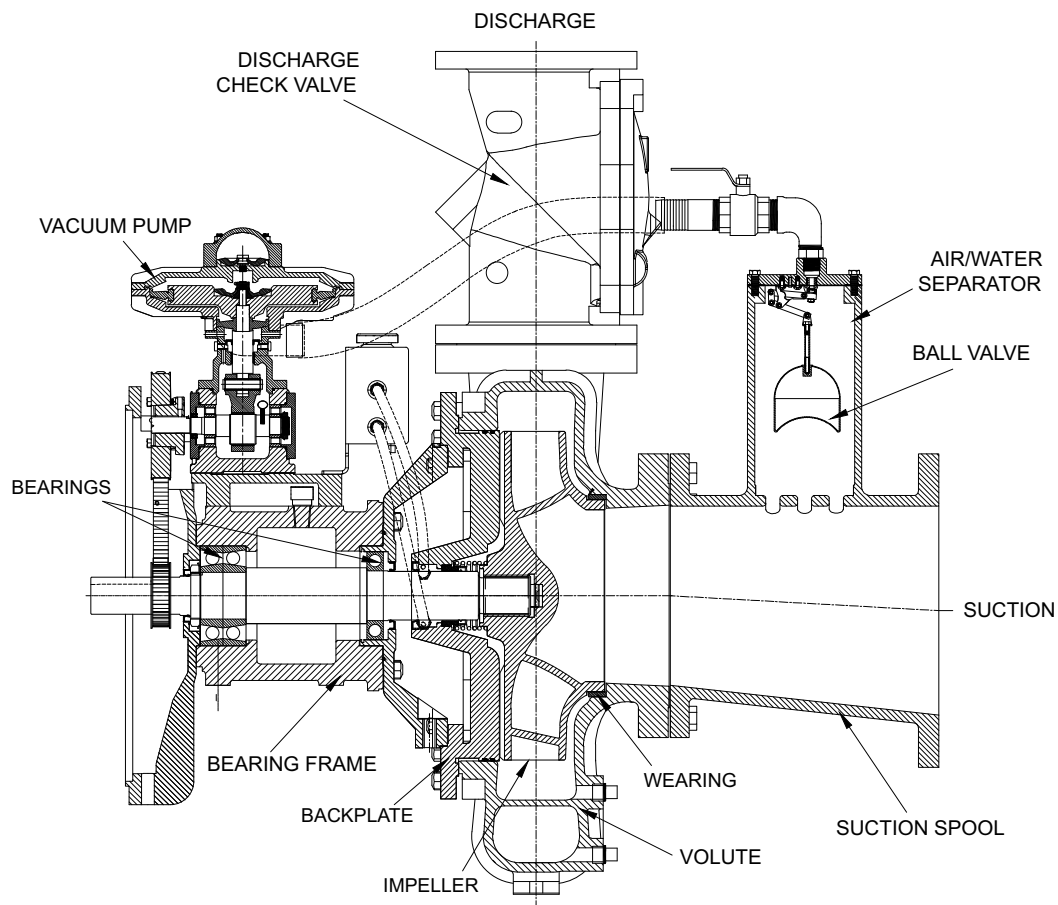


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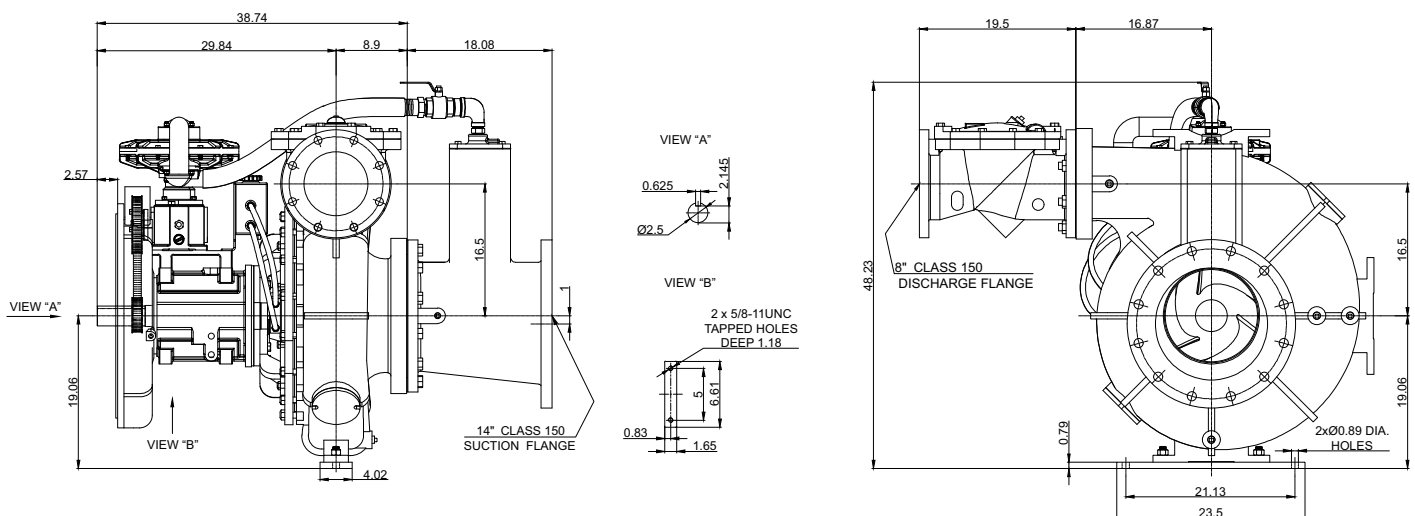


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MCL-P12822S



PUMP DIMENSIONS - DIESEL ENGINE DRIVEN



- NOTES:**
1. Flange connection dimension can vary $\pm .12$ inch.
 2. Do not use for construction unless certified.