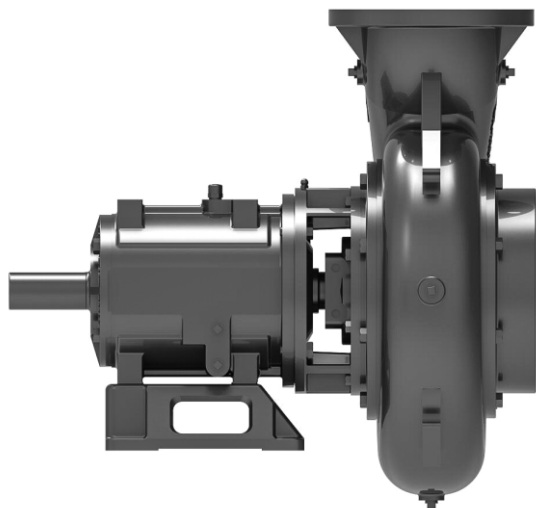


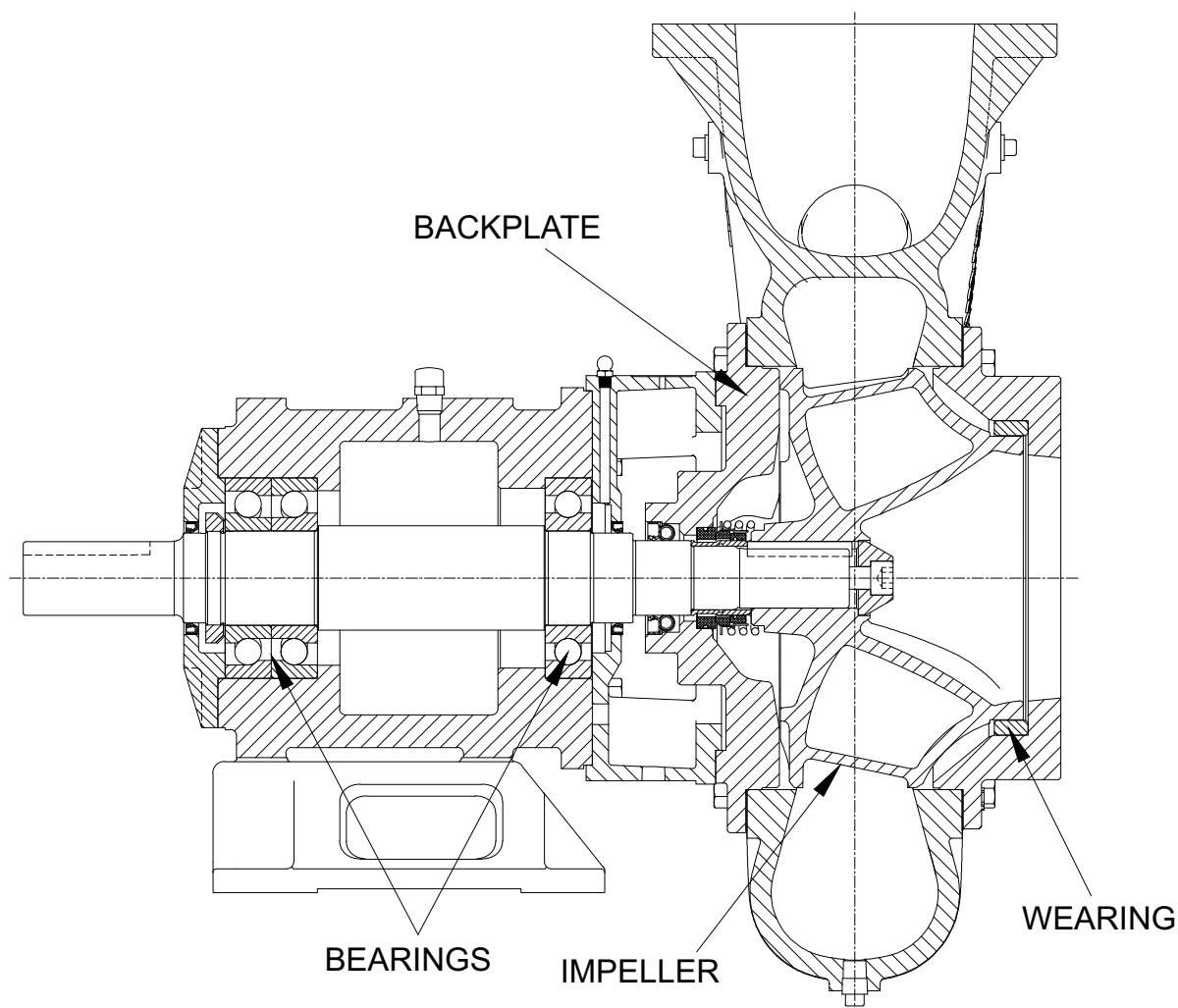


GSPS
Smart Pumps Powered By IIoT

MCL-C8814S



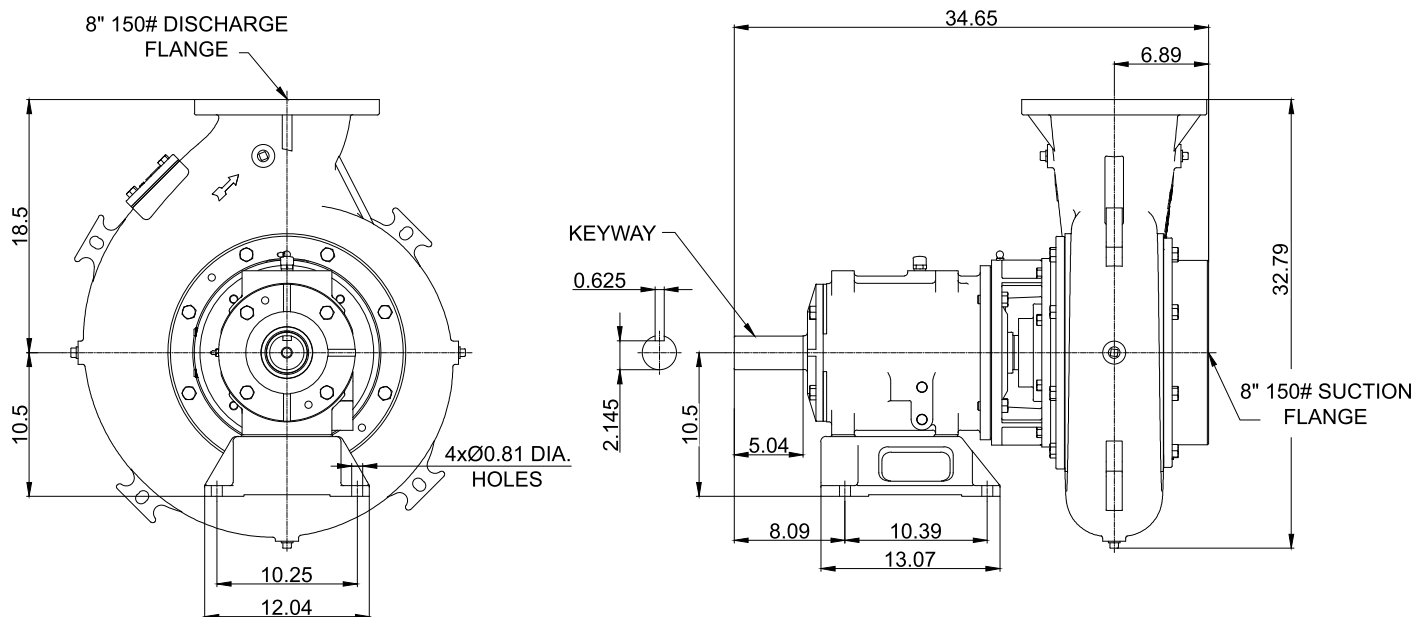
- Size :MCL-C8814S-8" discharge x 8" suction with 150# ductile iron flanges
- Casing : Ductile Iron
Impeller : Enclosed -2 vane . Handles 3.375" diameter solids
- Wear Rings : Replaceable
- Seal : with Run - Dry oil lubrication system . John Crane T -2 single mechanical seal with VitonR elastomers , 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



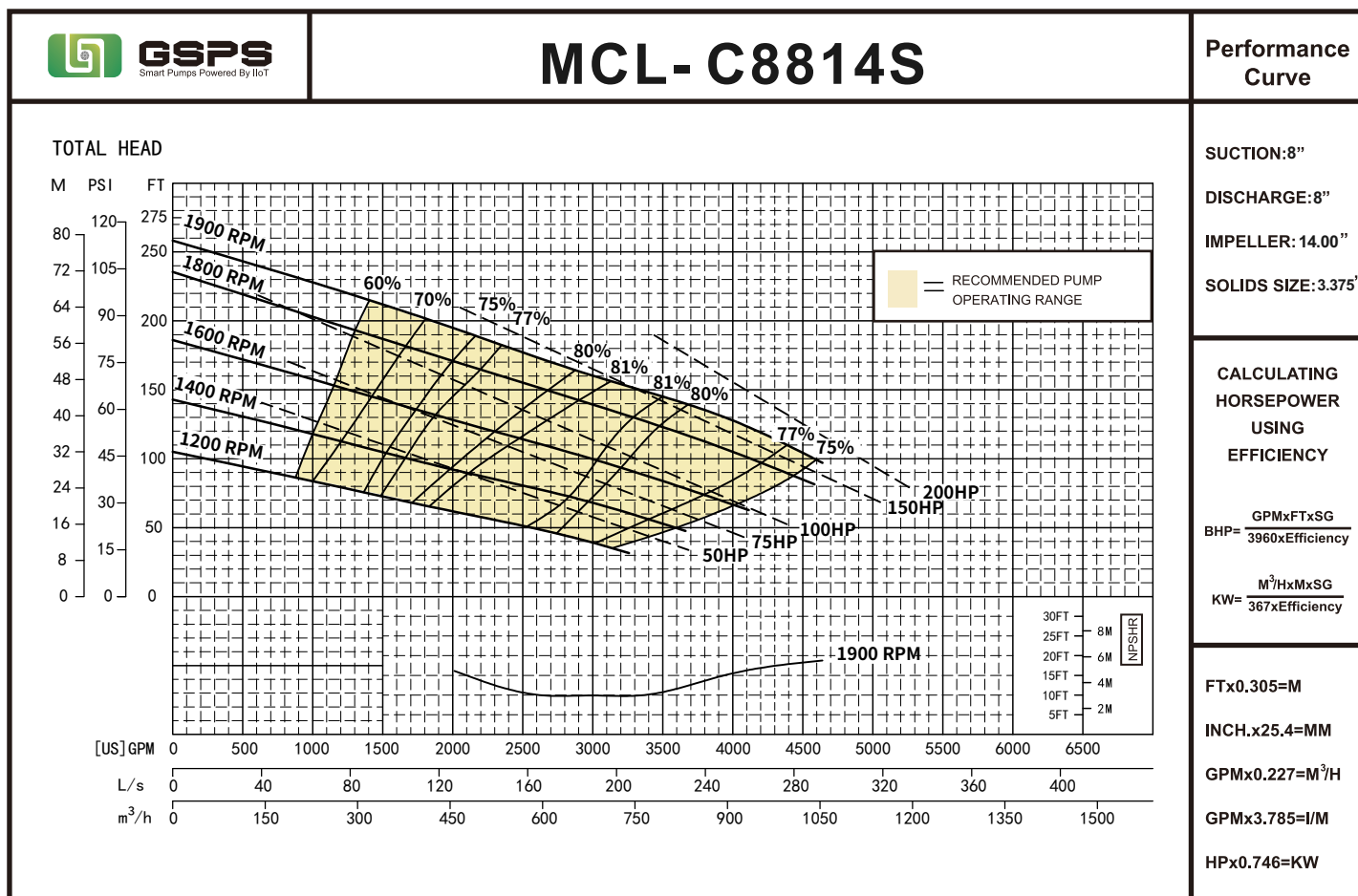


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MCL-C8814S



PERFORMANCE CURVES

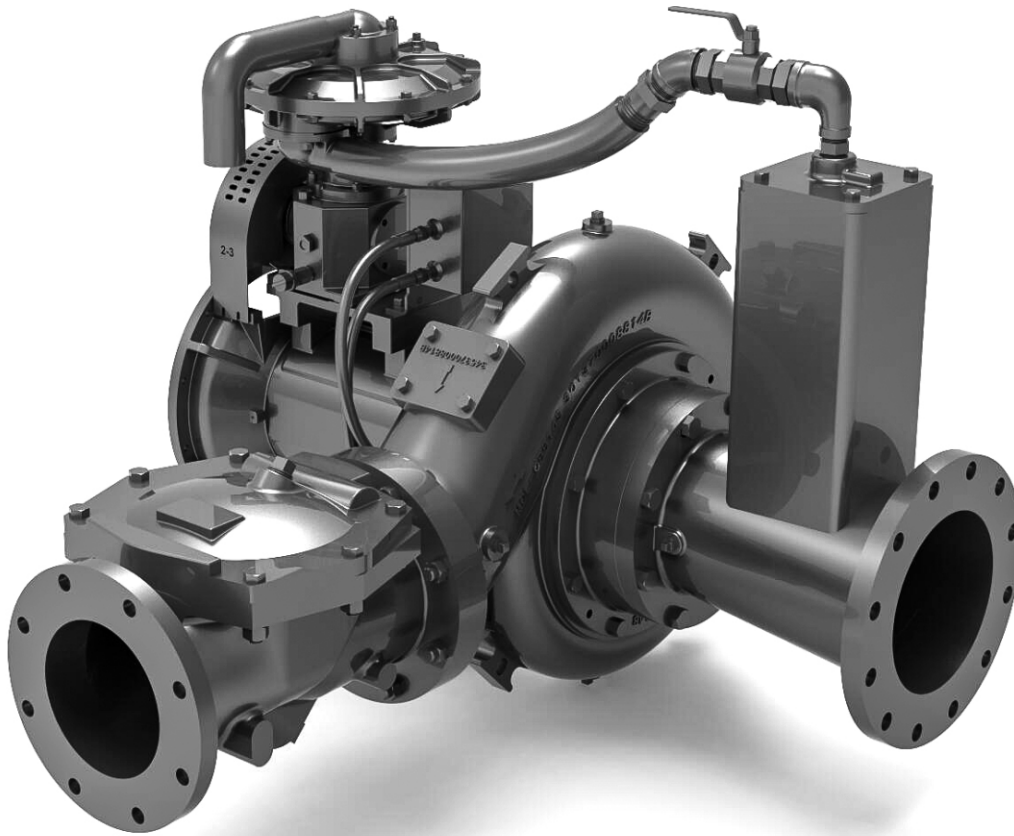




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MCL-C8814S

3D Rendering of
Diesel Engine Drive Assembly



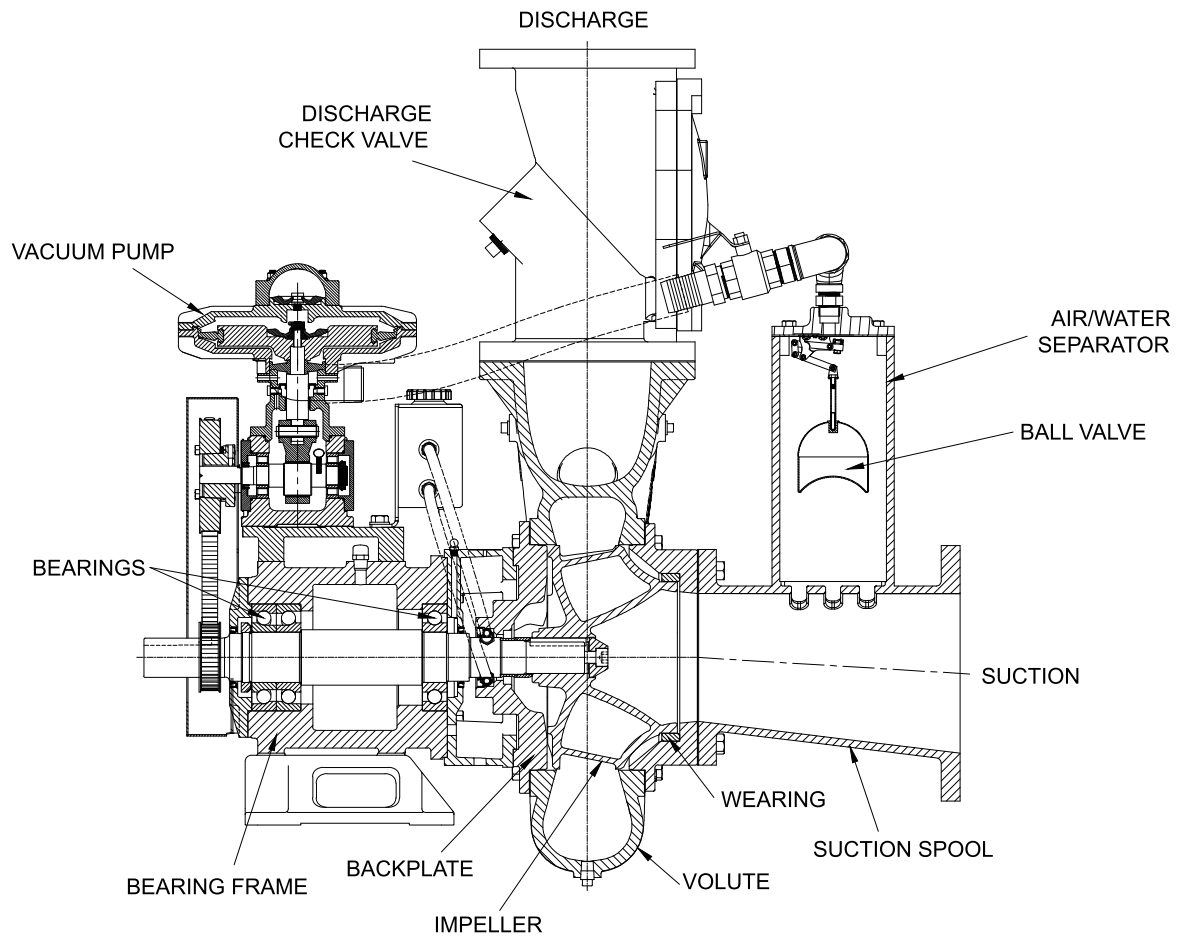
PUMP SPECIFICATIONS

- Size :MCL-C8814S-8" discharge x 8" suction with 150# ductile iron flanges
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- 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

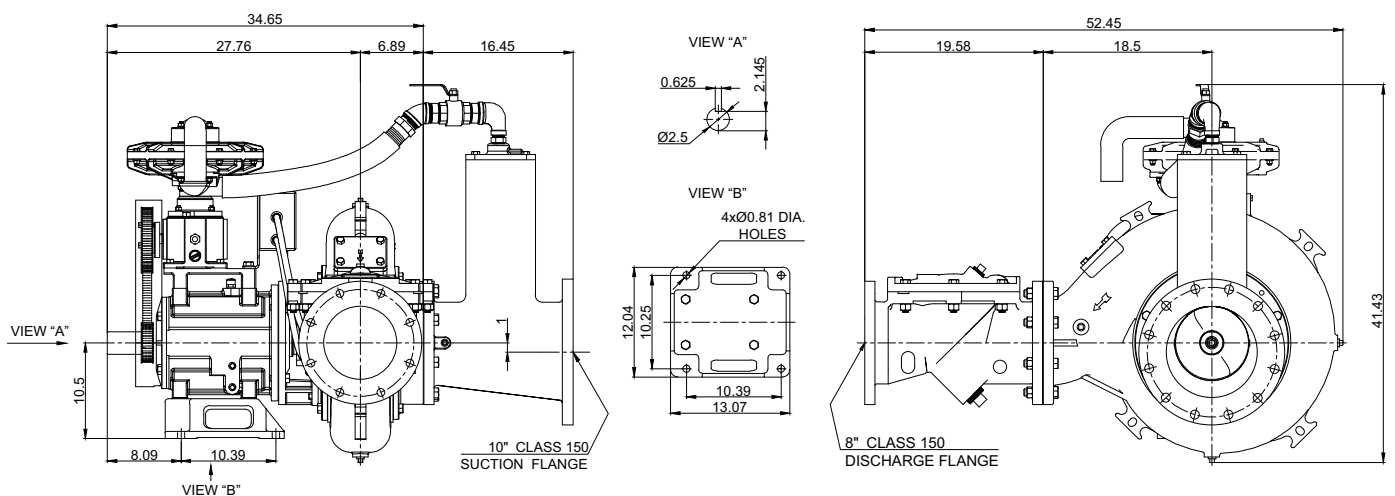


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MCL-C8814S



PUMP DIMENSIONS - ELECTRICAL MOTOR DRIVEN



- NOTES:**
1. Flange connection dimension can vary ± 0.12 inch.
 2. Do not use for construction unless certified.



DISCHARGE

DISCHARGE CHECK VALVE

VACUUM PUMP

BEARINGS

BEARING FRAME

BACKPLATE

IMPELLER

VOLUTE

WEARING

SUCTION SPOOL

SUCTION

BALL VALVE

AIR/WATER SEPARATOR

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