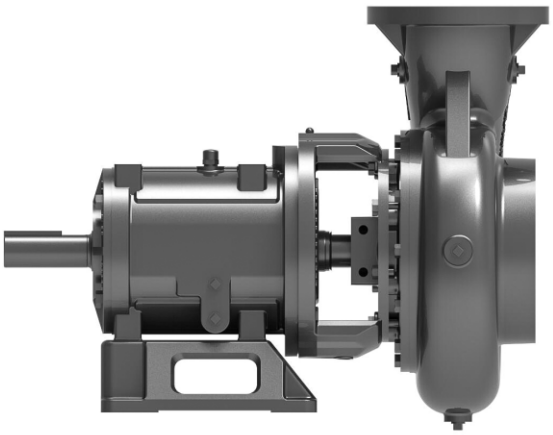
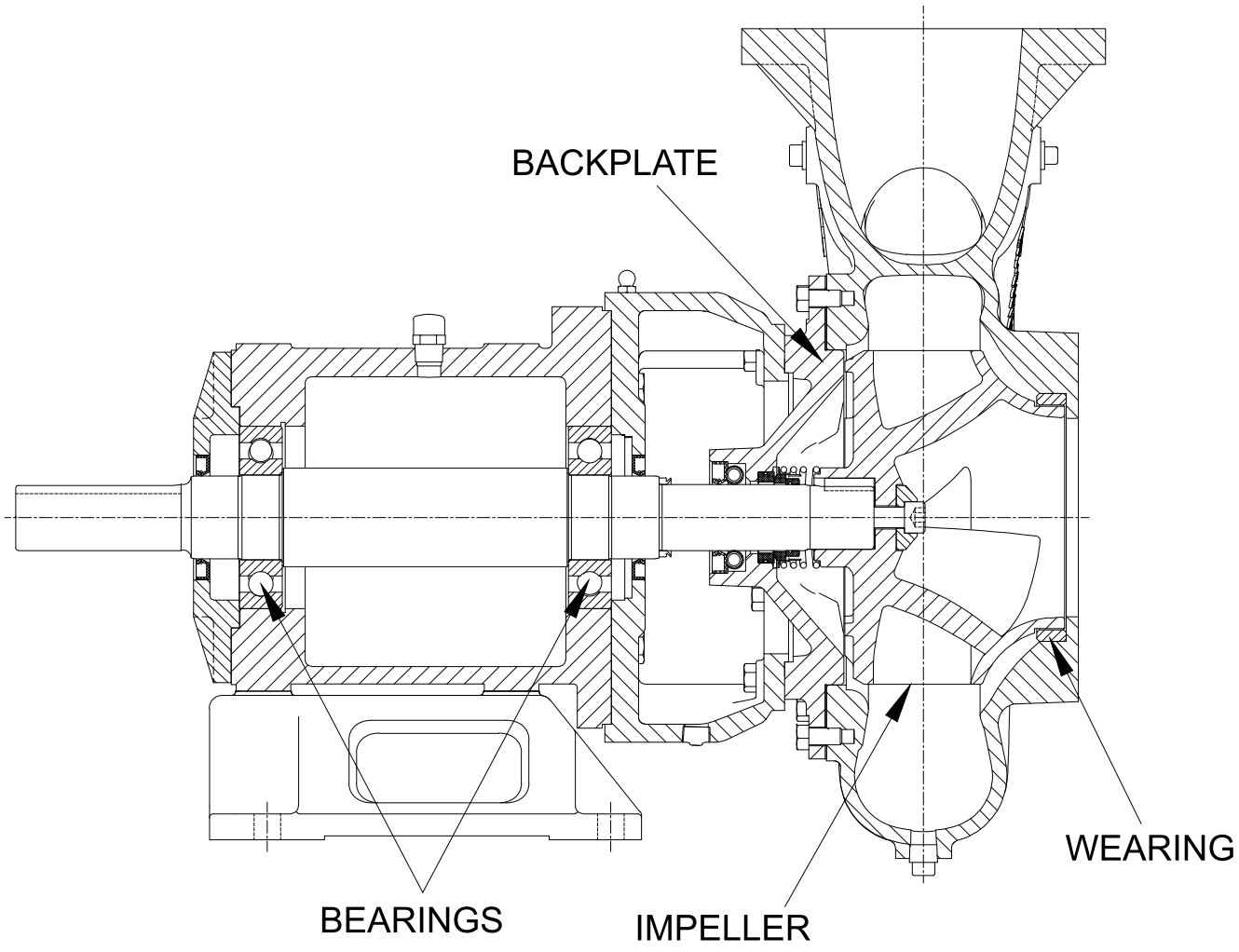
GSPS
Smart Pumps Powered By IIoT

MCL-C6610S



- Size :MCL-C6610S-6" discharge x 6" suction with 150# ductile iron flanges
- Casing : Ductile Iron
  Impeller : Enclosed -2 vane . Handles 3.0" 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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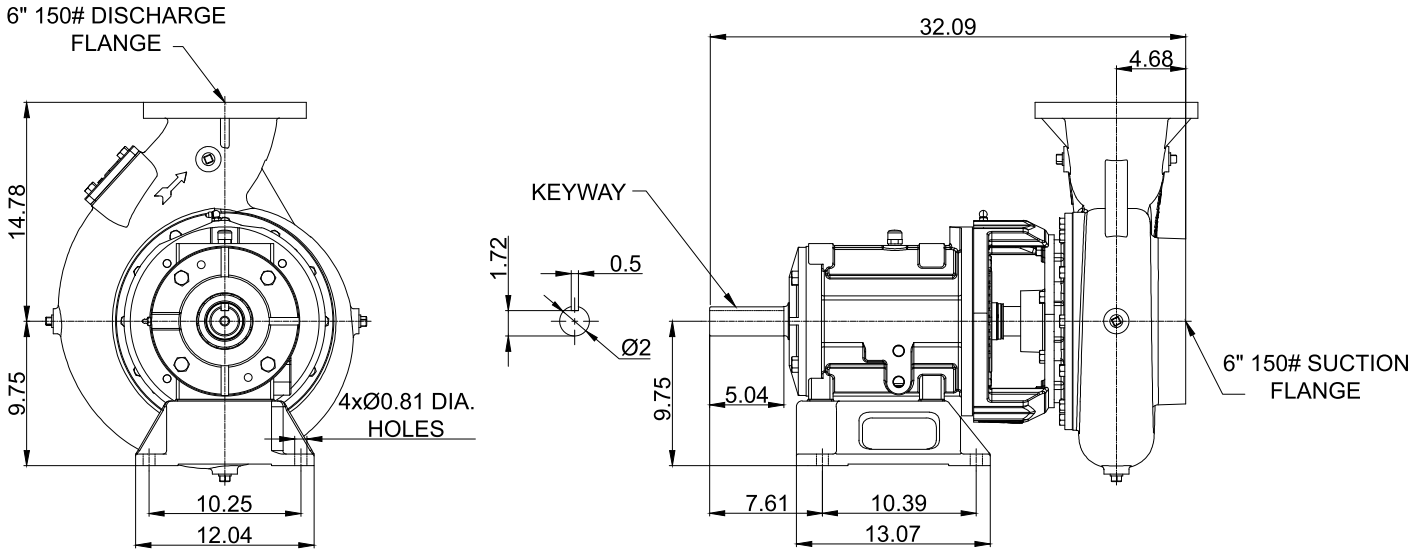
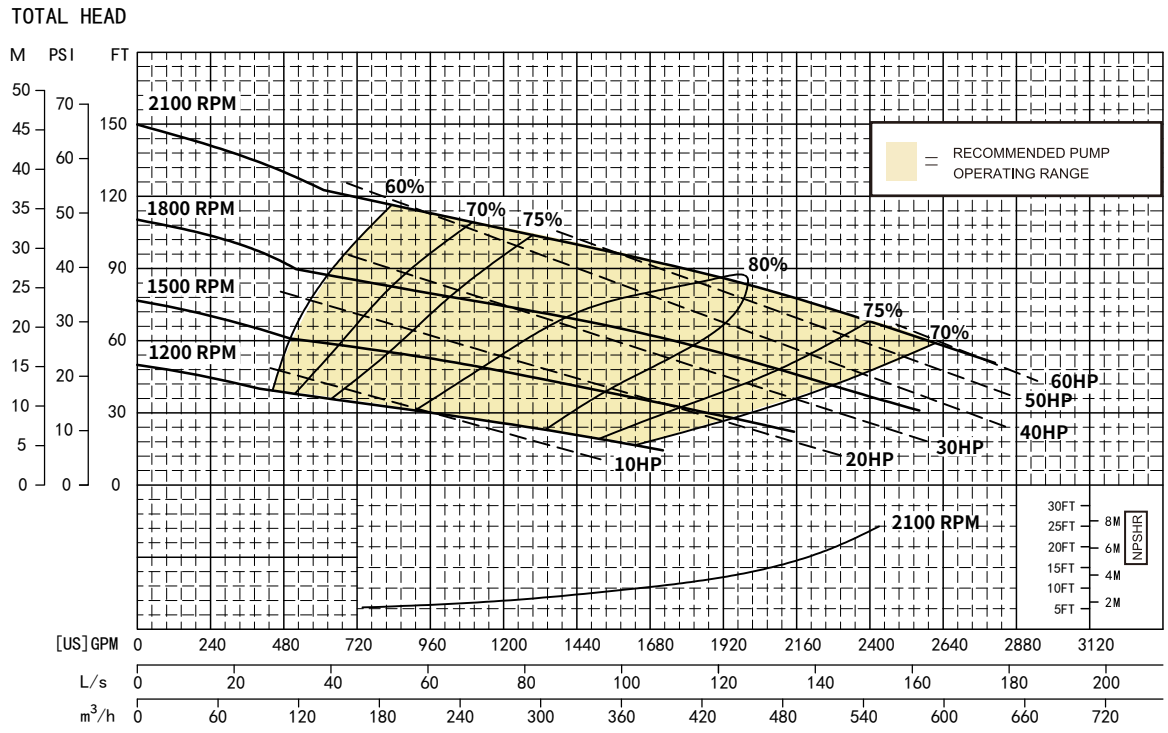


PERFORMANCE CURVES

GSPS Smart Pumps Powered By IIoT

MCL- C6610S



Performance Curve

SUCTION:6”

DISCHARGE:6”

IMPELLER: 10.09”

SOLIDS SIZE:3.0”

CALCULATING HORSEPOWER USING EFFICIENCY

$$BHP=\frac{GPMxFTxSG}{3960xEfficiency}$$

$$KW=\frac{M^3/HxMxSG}{367xEfficiency}$$

FTx0.305=M

INCH.x25.4=MM

GPMx0.227=M^3/H

GPMx3.785=I/M

HPx0.746=KW

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MCL-C6610S

3D Rendering of
Diesel Engine Drive Assembly

PUMP SPECIFICATIONS

- Size :MCL-C6610S-6" discharge x 6" suction with 150# ductile iron flanges
  Casing : Ductile Iron
- Impeller : Enclosed -2 vane . Handles 3.0" 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

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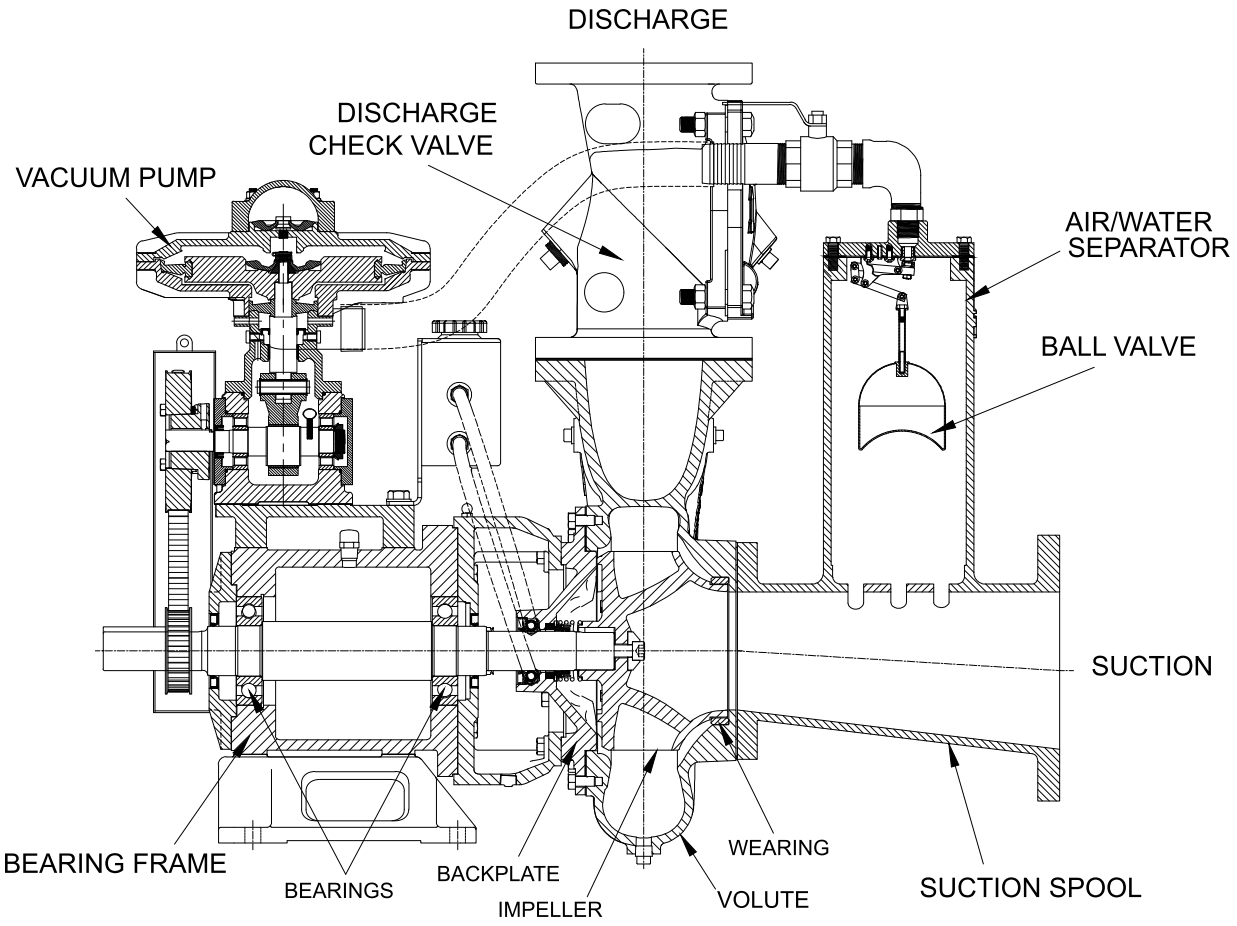
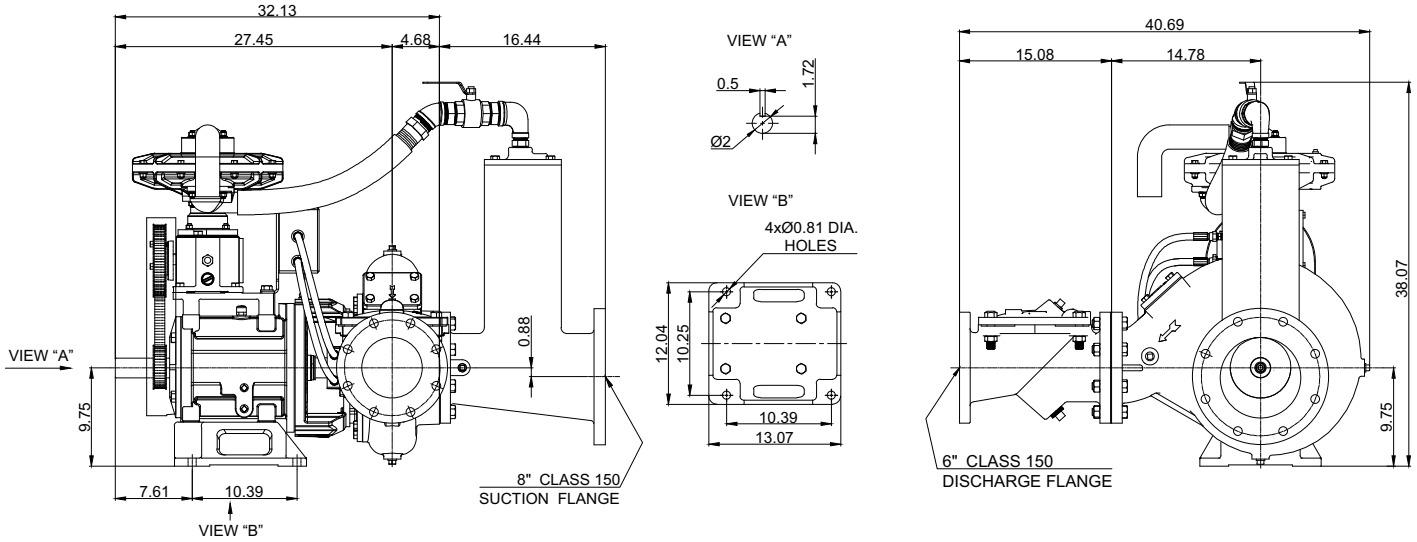
MCL-C6610S



PUMP DIMENSIONS - ELECTRICAL MOTOR DRIVEN

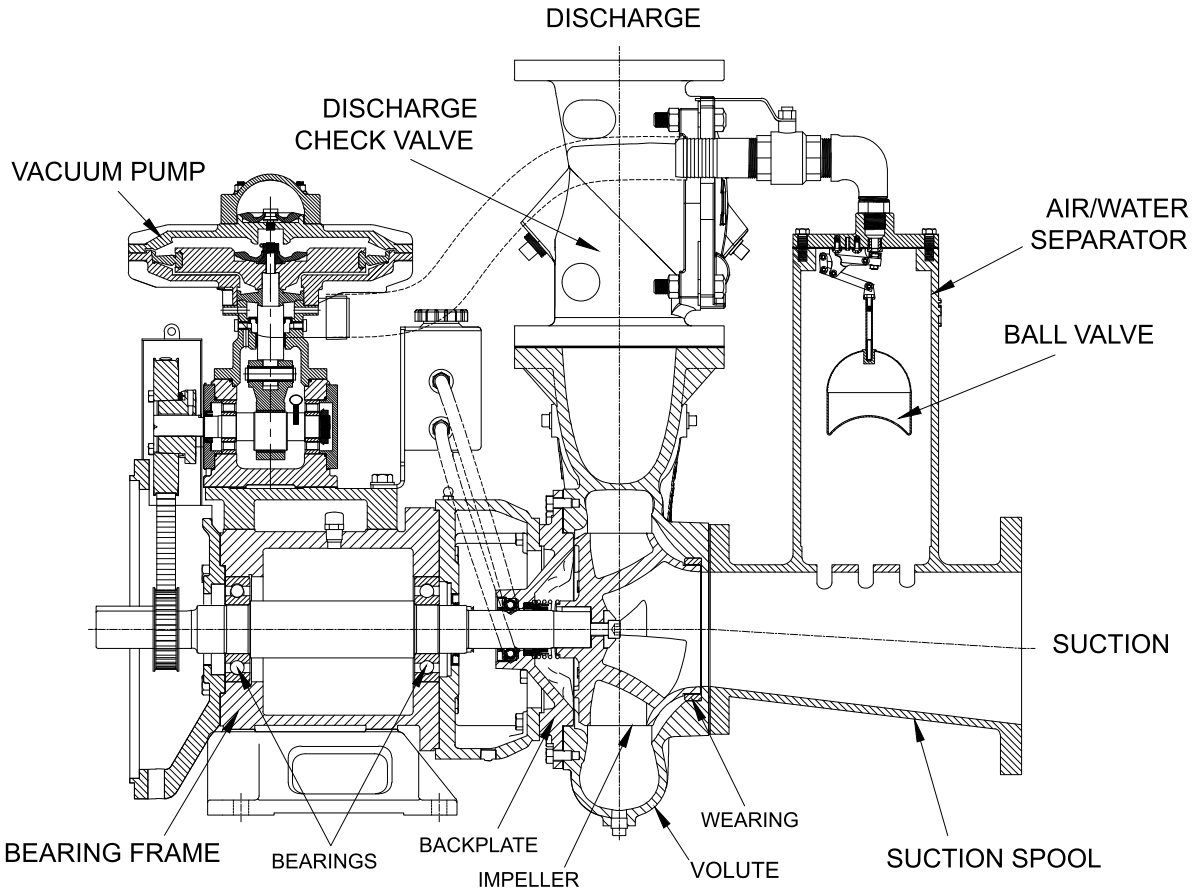


NOTES:

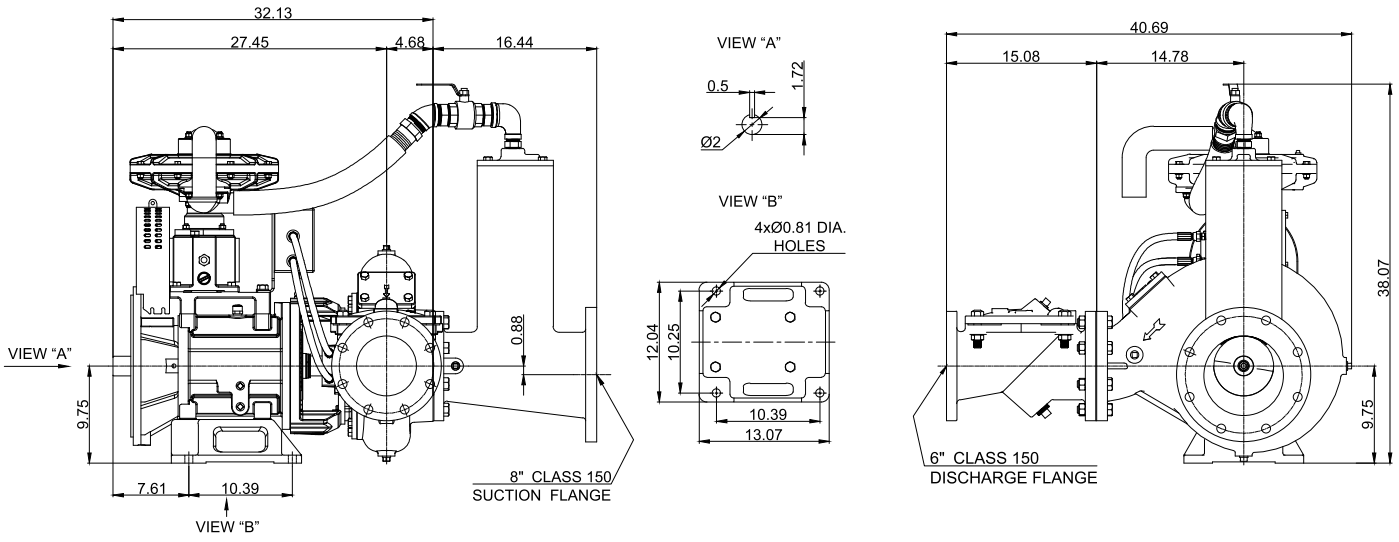
1. Flange connection dimension can vary ±.12 inch.
2. Do not use for construction unless certified.

GSPS
Smart Pumps Powered By IIoT

MCL-C6610S



PUMP DIMENSIONS - DIESEL ENGINE DRIVEN



NOTES:

1. Flange connection dimension can vary ± .12 inch.
2. Do not use for construction unless certified.