



An Ingersoll Rand Business



# SERIES 300

## 3" x 2-1/2" End Suction Centrifugal Pump

The Series 300 End Suction Centrifugal Pump is engineered to deliver exceptional performance for demanding environments across agricultural, commercial, and industrial sectors. Designed with precision, it offers superior efficiency and durability, ensuring dependable operation even under challenging conditions.

Constructed from rugged cast iron and secured with stainless steel fasteners, this pump is built for long-term reliability. Its dynamically balanced enclosed impellers optimize efficiency and help extend bearing life, minimizing maintenance requirements and reducing downtime.

A key advantage of the Series 300 is its standard carbon/ceramic/Viton mechanical seal. This corrosion-resistant, self-adjusting seal accommodates a wide range of fluids, making the pump highly versatile. For added convenience, the pump is available as a fully tested "Wet End" PumPAK®, which can be quickly mounted to standard NEMA frame motors, streamlining installation and setup.

### SPECIFICATIONS:

<b>Suction / Discharge</b>	3" x 2-1/2" 150# ANSI Flanges
<b>Materials of Construction</b>	Cast iron
<b>Flow</b>	Up to 520 GPM (118.1 m <sup>3</sup> /h)
<b>Head Feet</b>	Up to 190' (35 m)
<b>Impeller</b>	7" (177.8 mm) enclosed cast iron
<b>Motor</b>	Up to 25 HP (18.39 kW)
<b>Seal</b>	Special seal material combinations available (consult factory), Standard carbon / ceramic / Viton
<b>Drive Options</b>	Close coupled 215JP Close coupled 254JP Close coupled 256JP Hydraulic motor 1.16 cu. in. (19 cm <sup>3</sup> ) Hydraulic motor 1.58 cu. in. (25.9 cm <sup>3</sup> ) Pedestal Loose Parts Kit (Pump-End Only)
<b>Max Solid Size</b>	.47" (11.9 mm)

### Application:

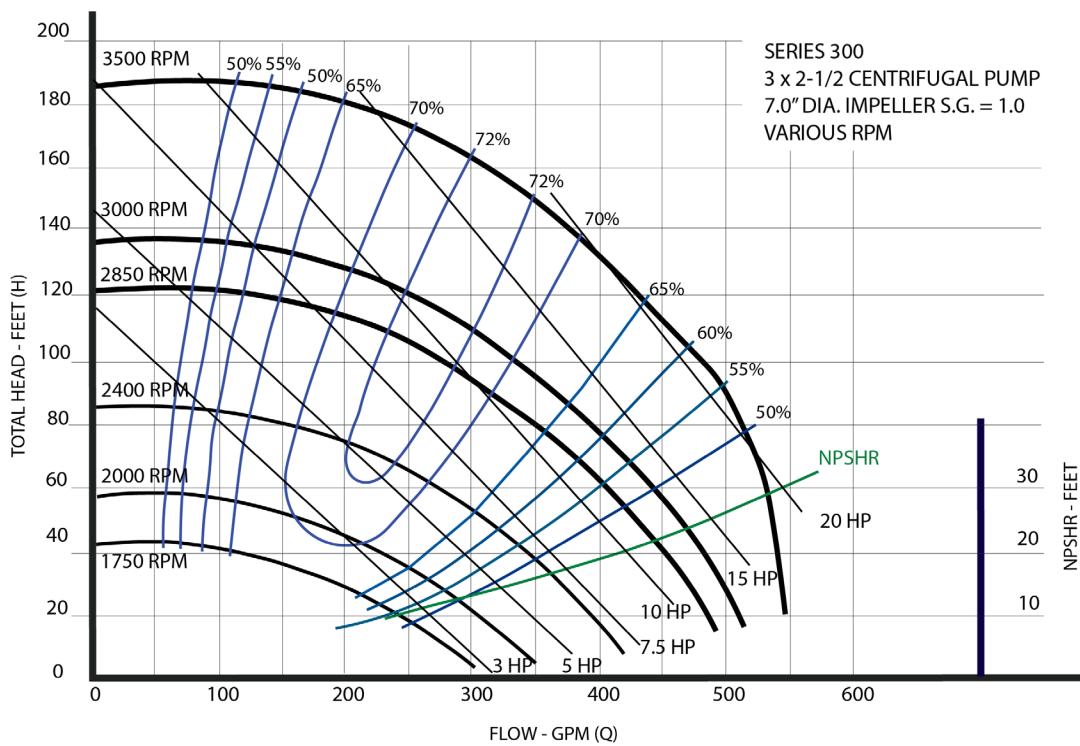
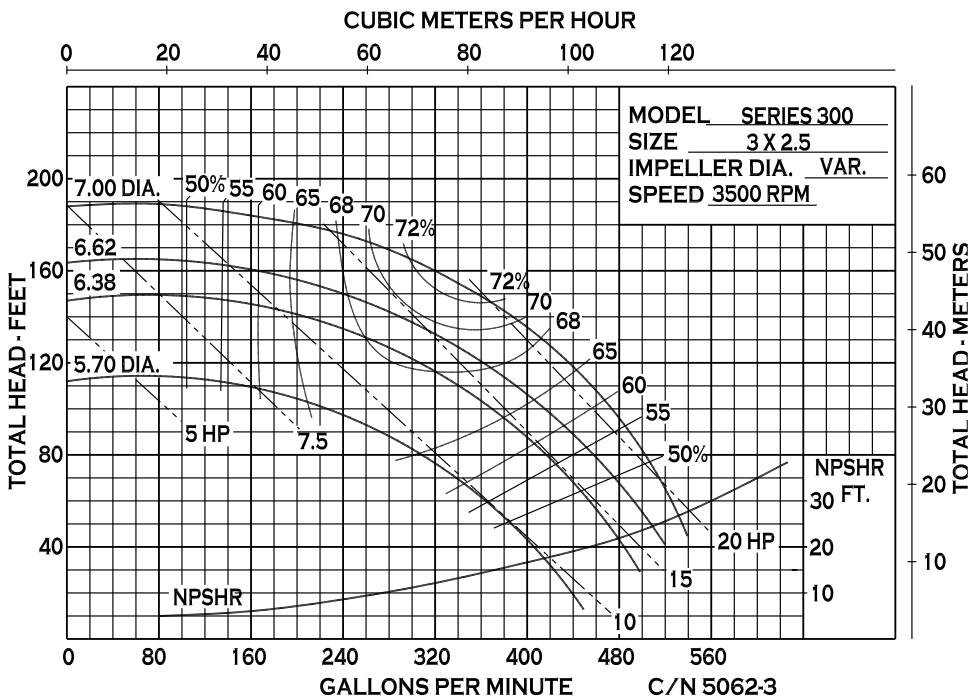
- Agricultural
- Commercial
- Industrial
- OEM



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## PERFORMANCE CURVES



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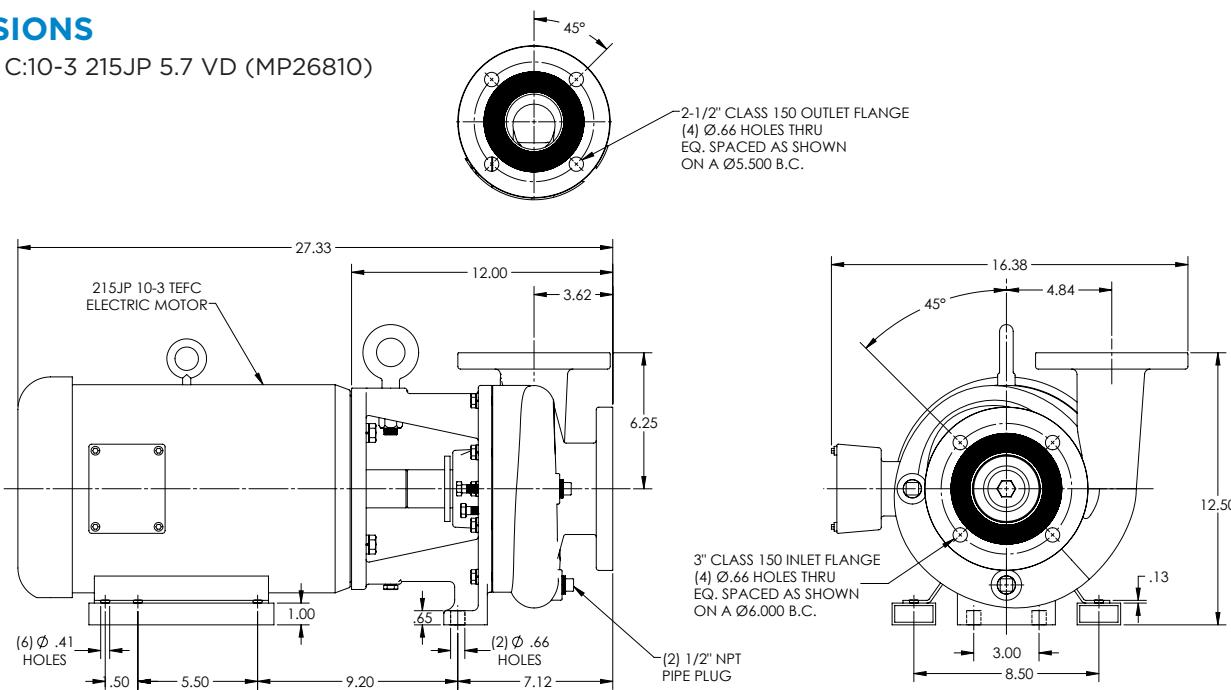


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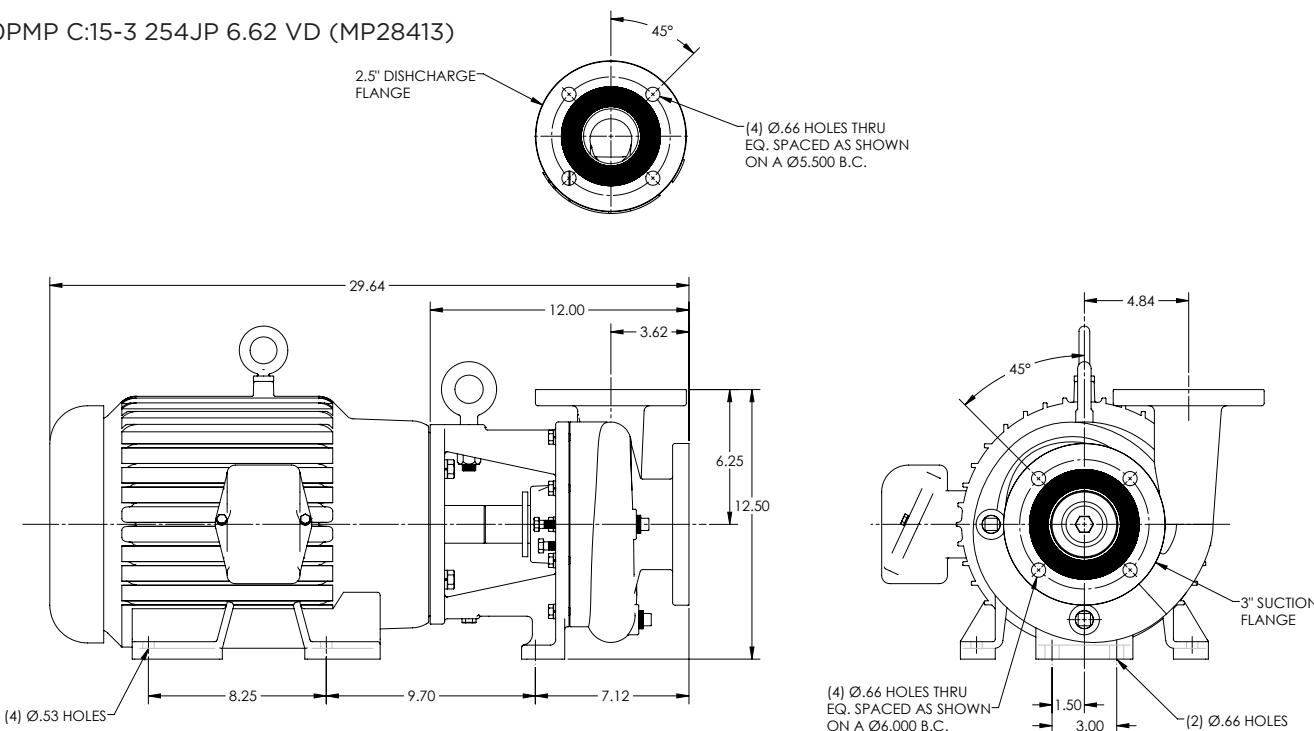
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## DIMENSIONS

S300PMP C:10-3 215JP 5.7 VD (MP26810)



S300PMP C:15-3 254JP 6.62 VD (MP28413)



\* For complete parts lists and troubleshooting guidance, please refer to the MP Pumps Installation Operation & Maintenance (IOM) Manual.

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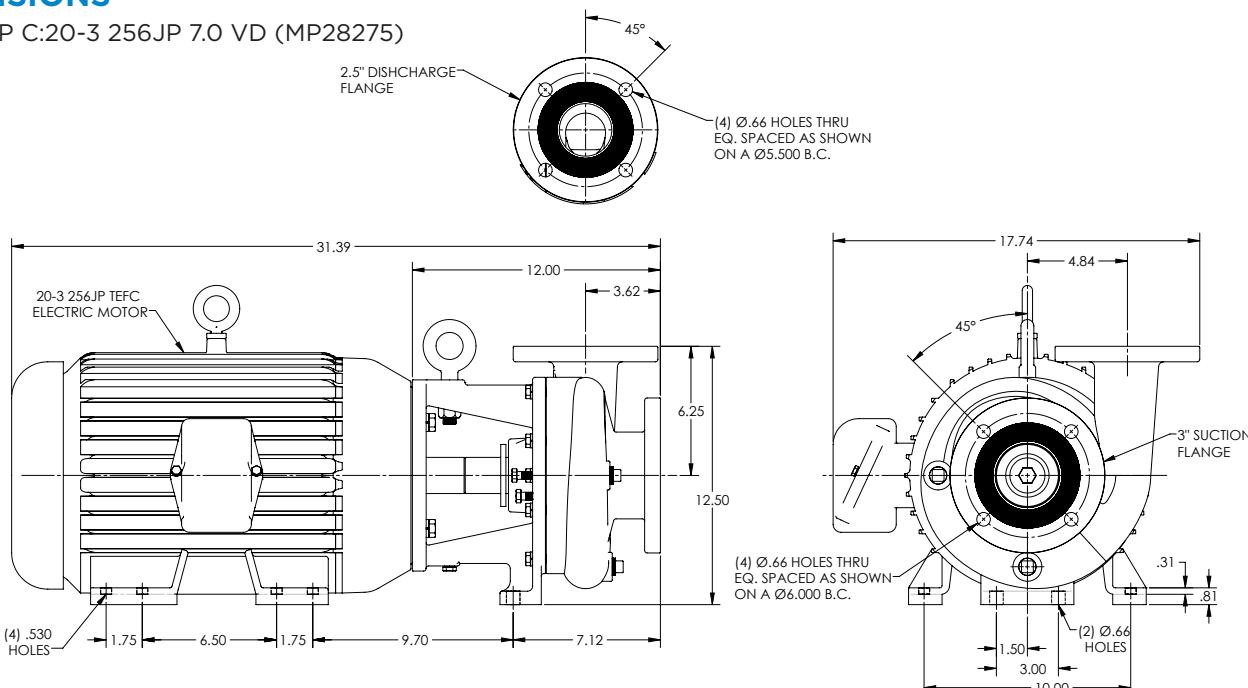


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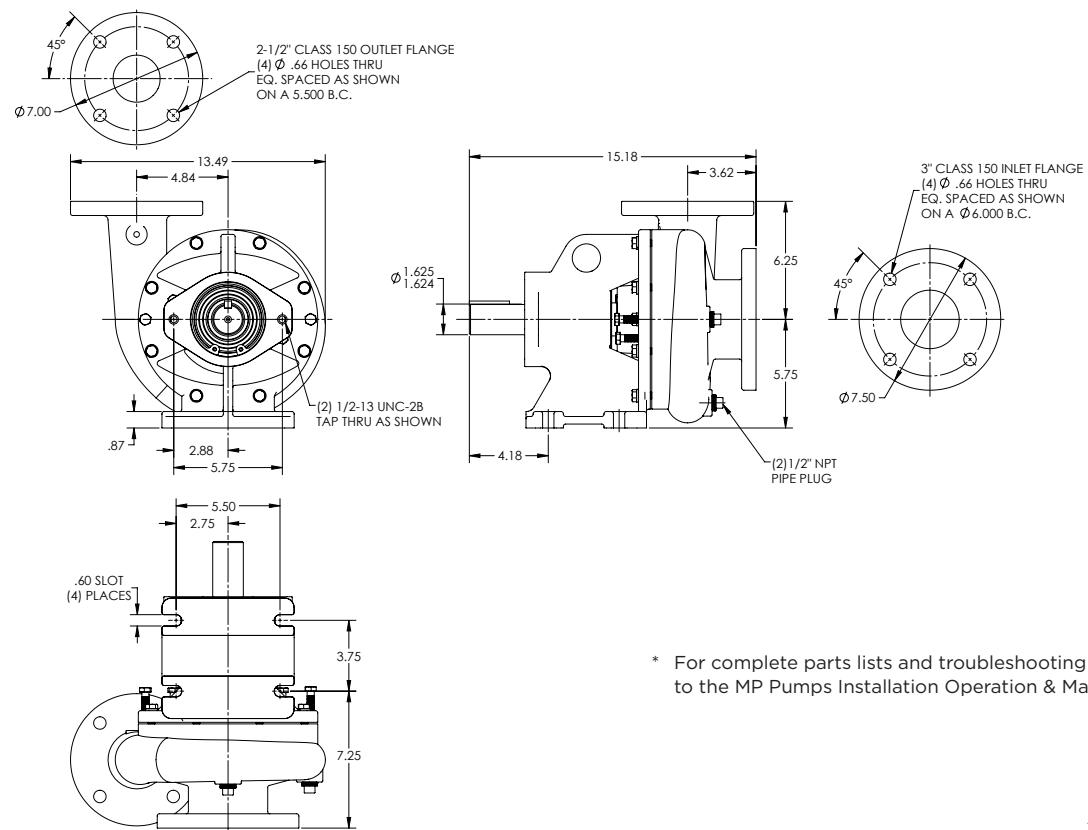
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## DIMENSIONS

S300PMP C:20-3 256JP 7.0 VD (MP28275)



S300PMP C:3X2.5 6.38 STC FM VD (MP28270)



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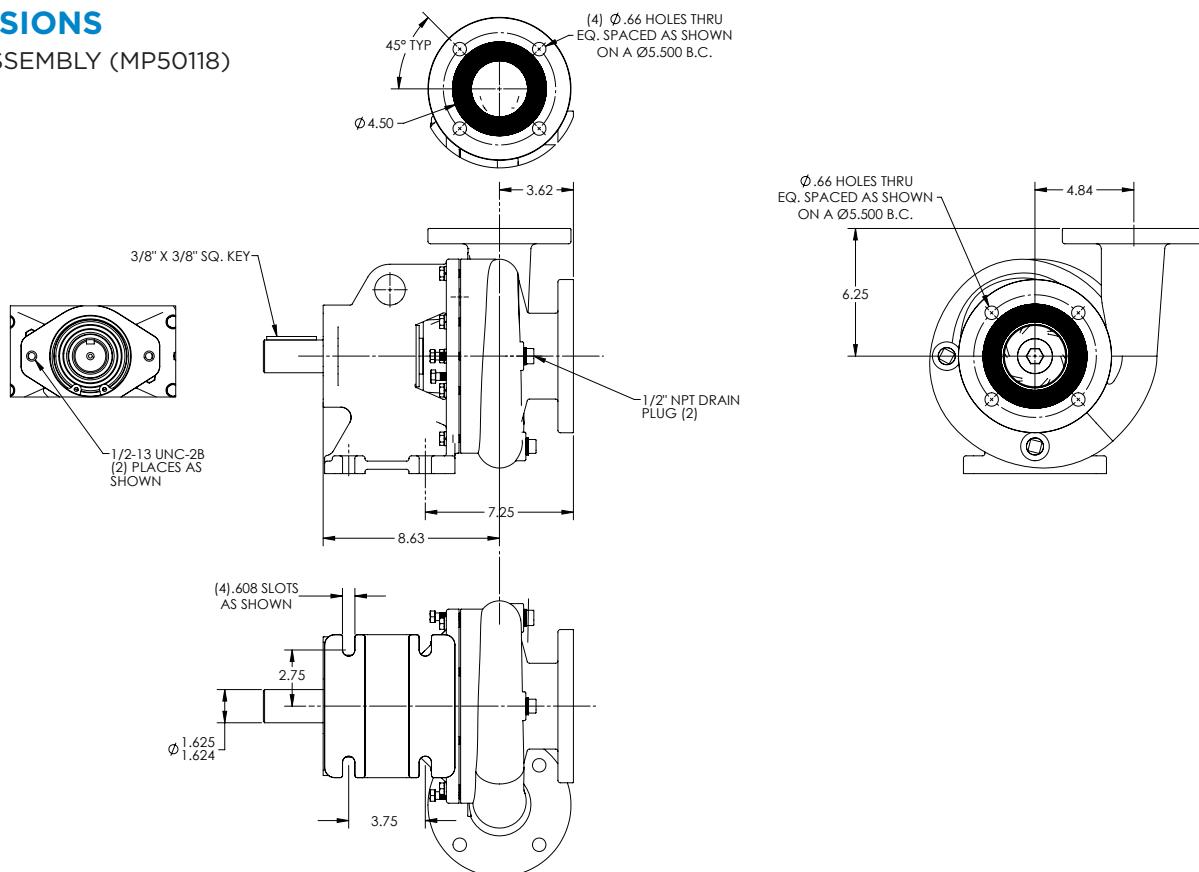


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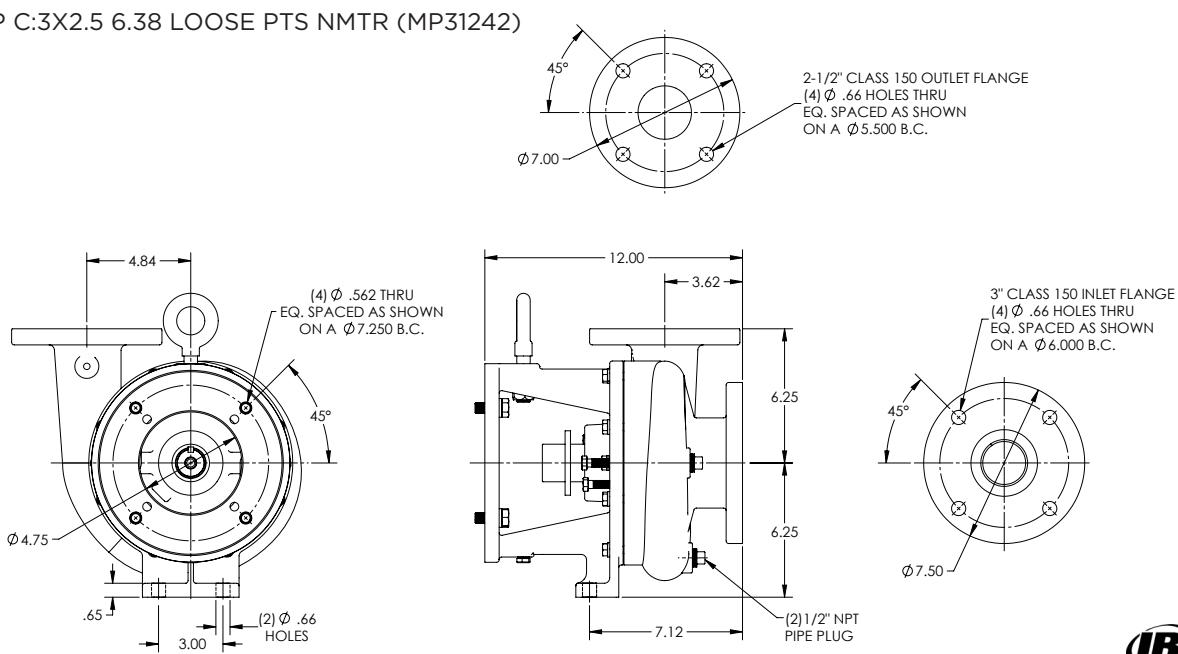
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## DIMENSIONS

S-300 ASSEMBLY (MP50118)



S300PMP C:3X2.5 6.38 LOOSE PTS NMTR (MP31242)



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