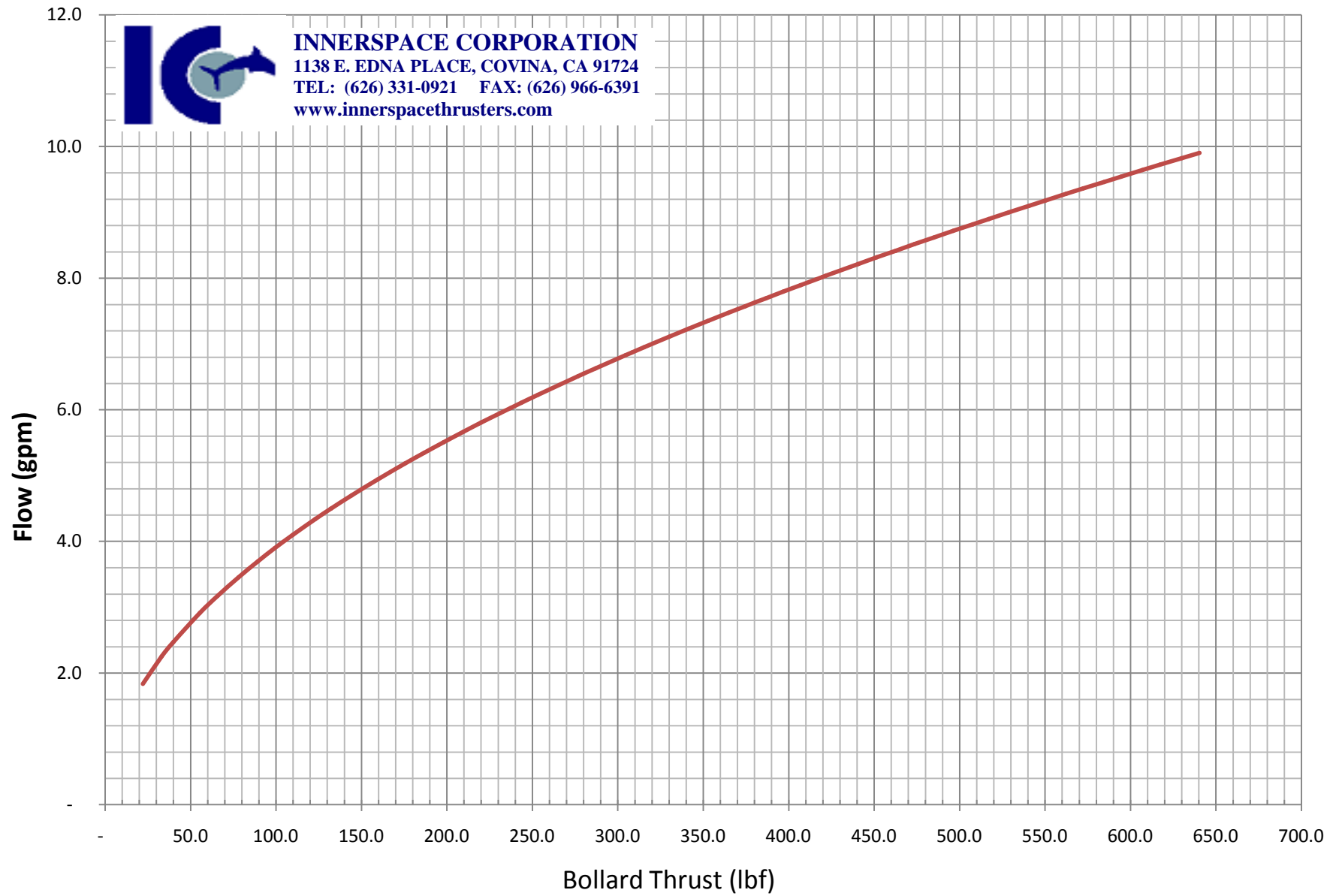


# 1002/4200SA-15 Flow(gpm) vs Bollard Thrust(lbf)



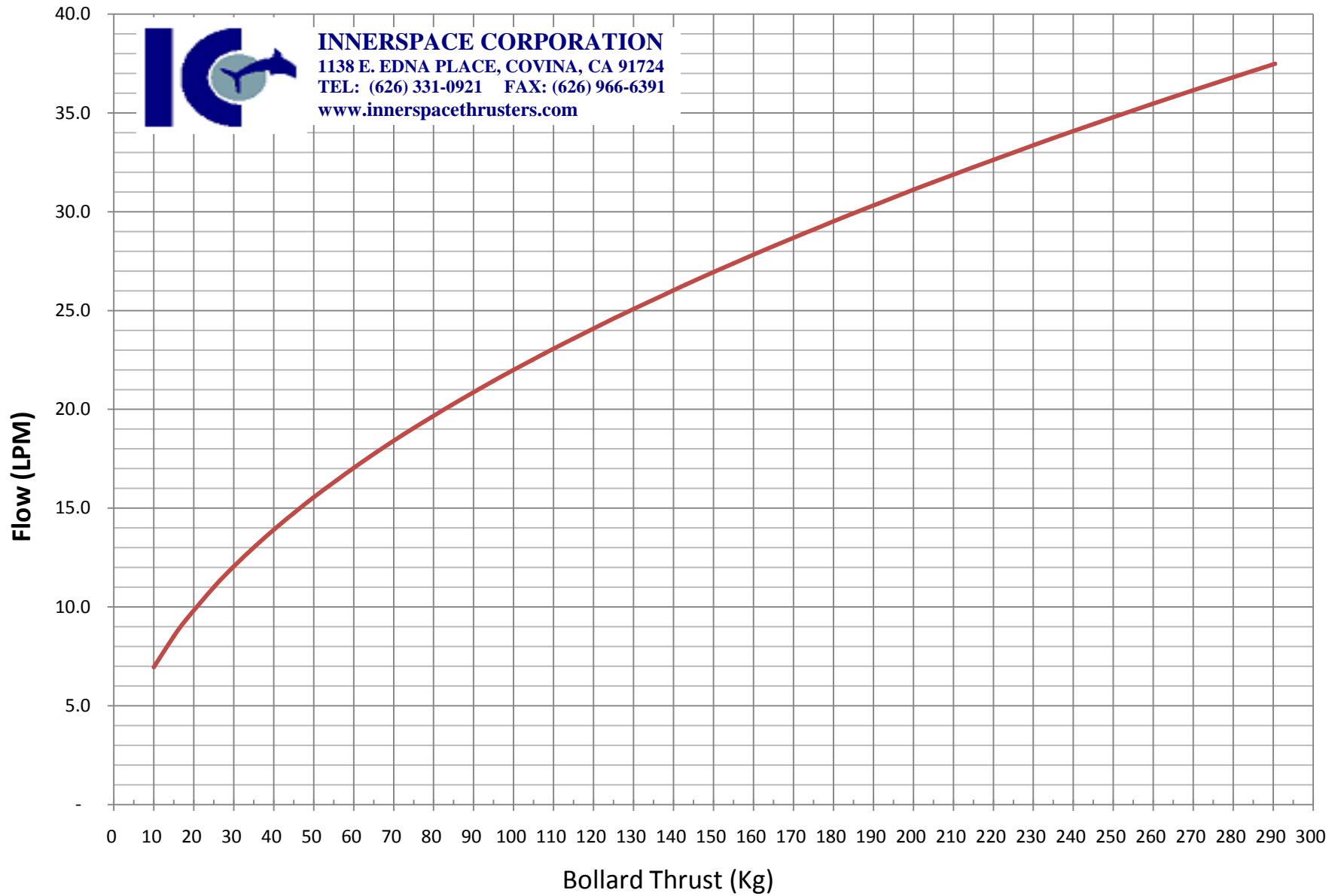
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# 1002/4200SA-15 Flow (LPM) vs Bollard Thrust(Kg)



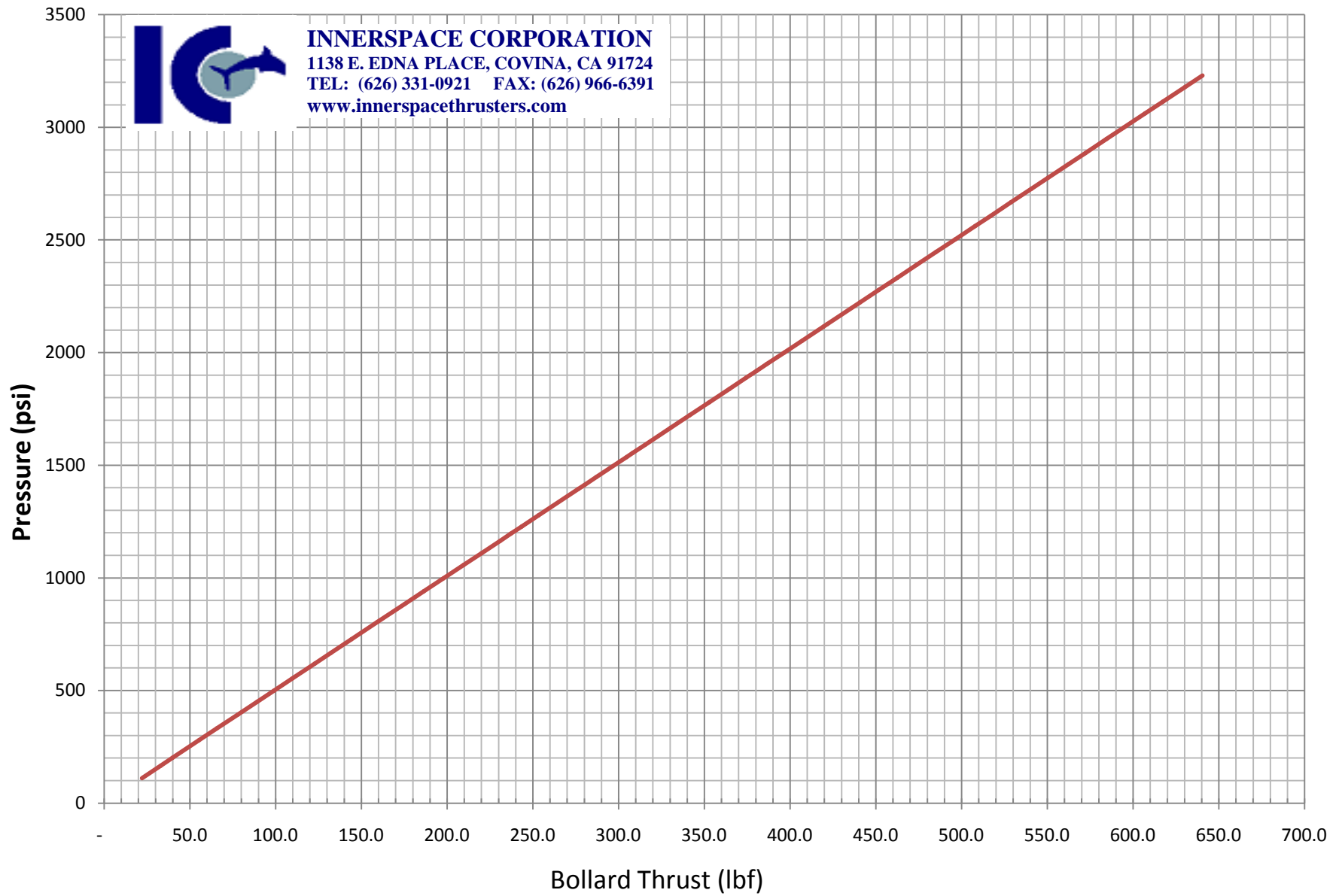
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# 1002/4200SA-15 Pressure(psi) vs Bollard Thrust(lbf)



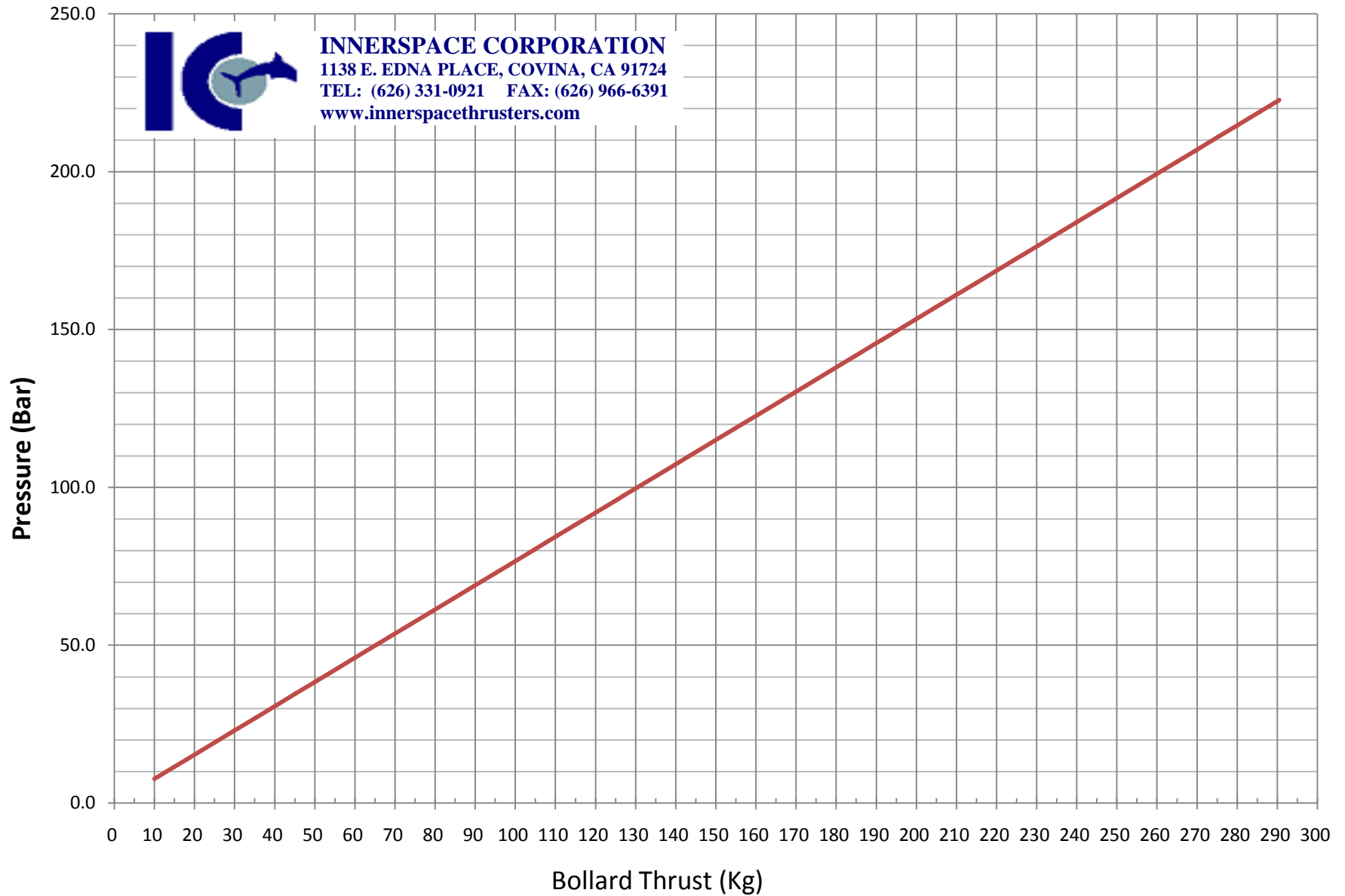
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# 1002/4200SA-15 Pressure(Bar) vs Bollard Thrust(Kg)



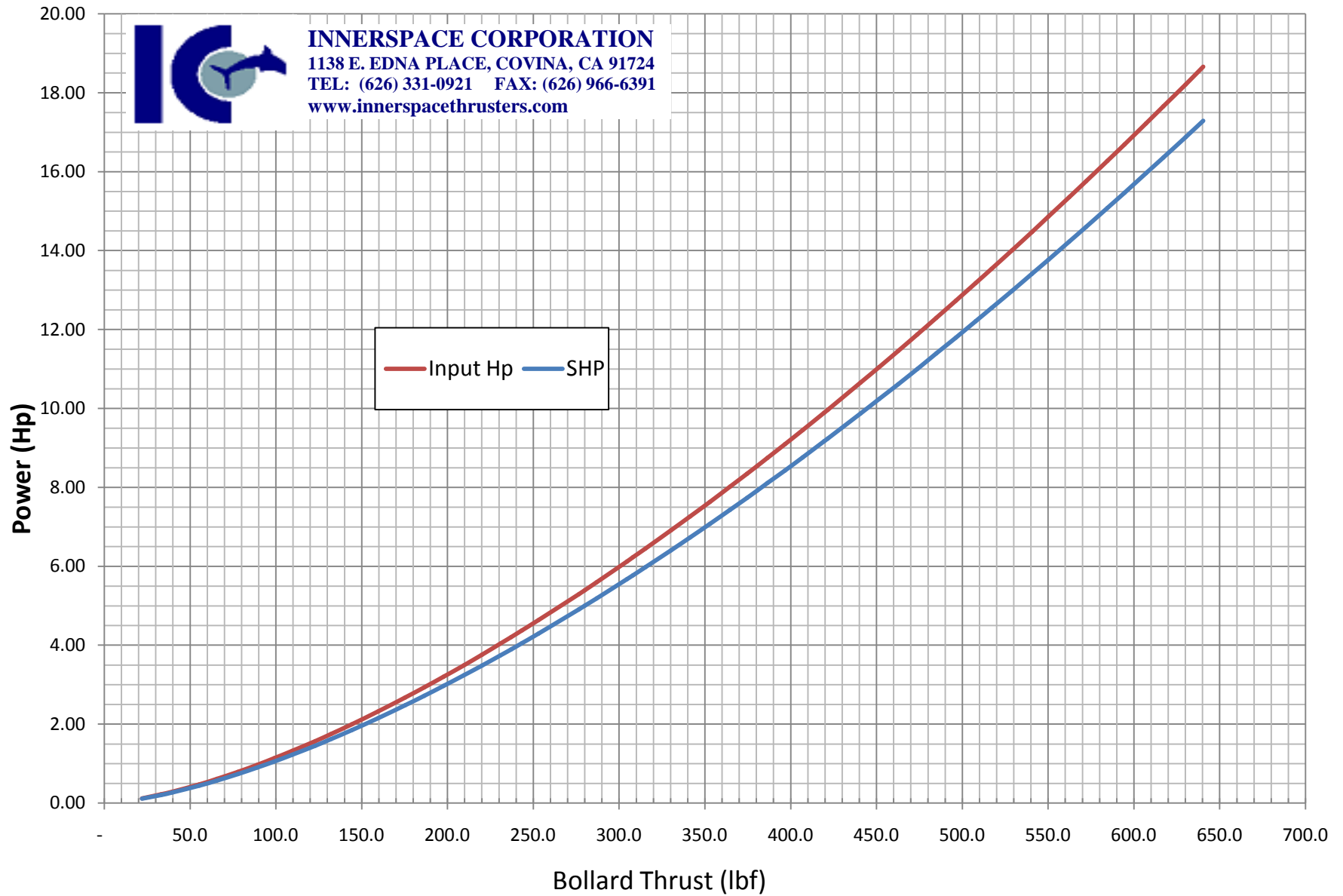
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# 1002/4200SA-15 Power(Hp) vs Bollard Thrust(lbf)



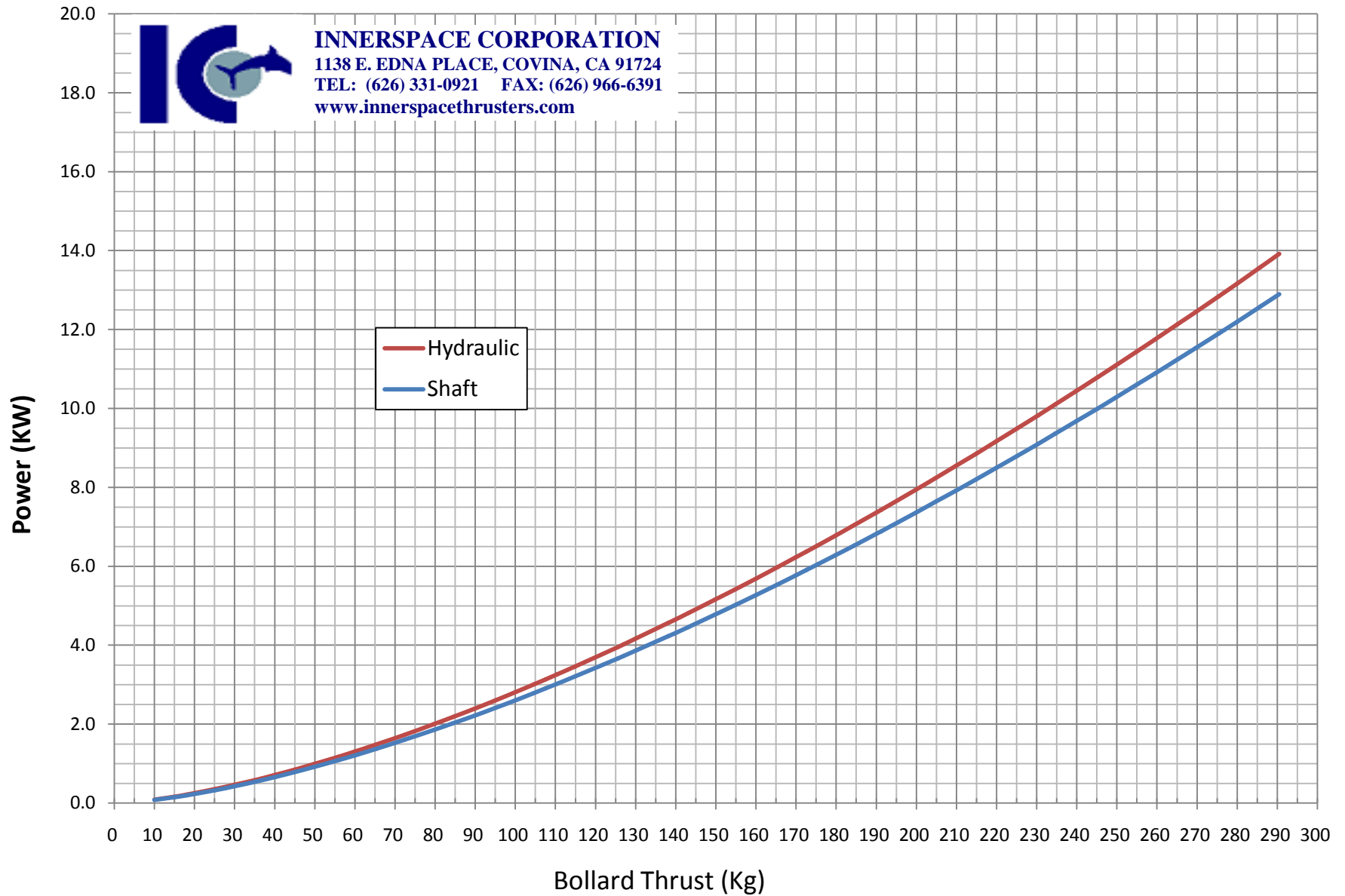
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# 1002/4200SA-15 Power(kw) vs Bollard Thrust(kg)



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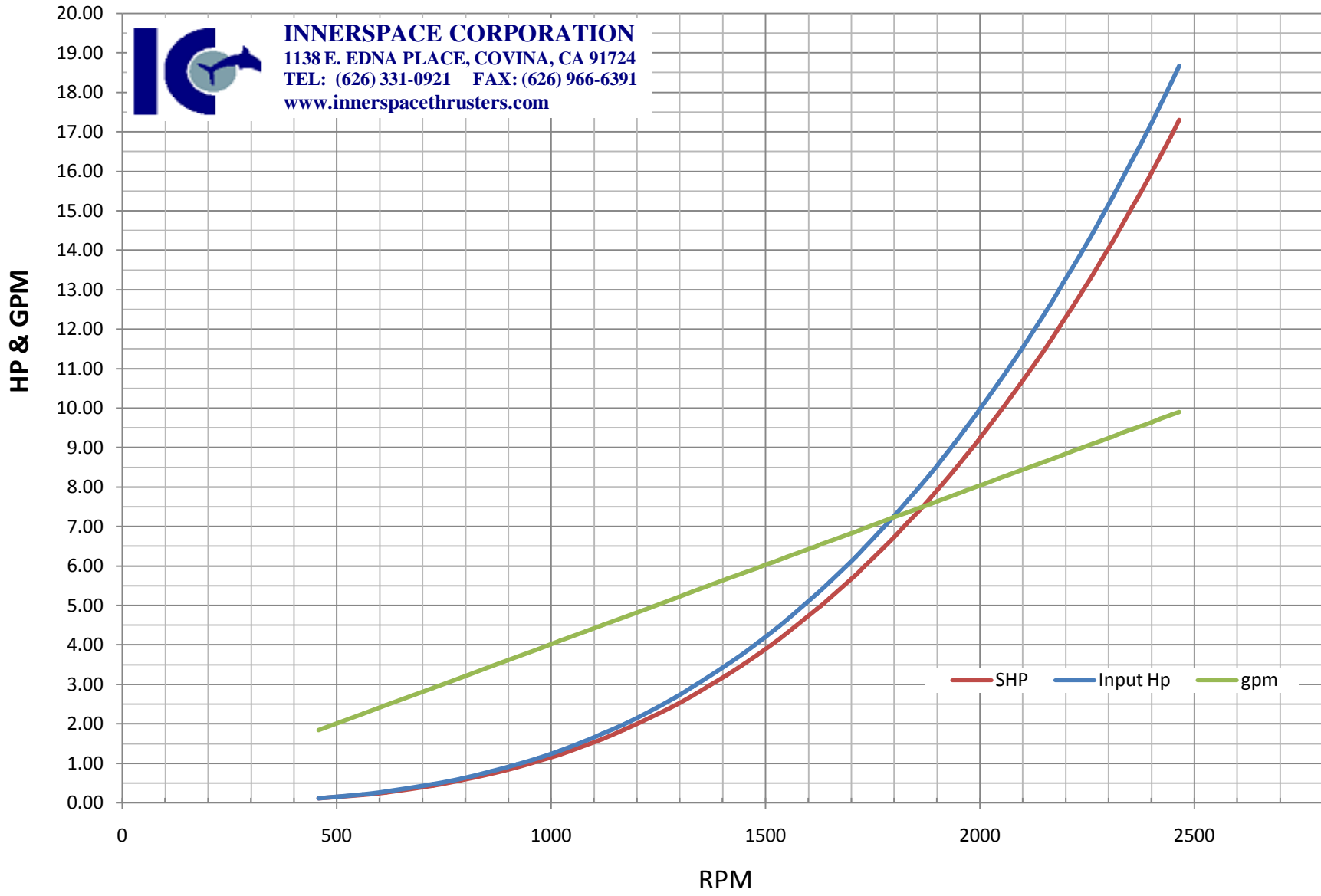


# HP & GPM vs RPM

.88 in<sup>3</sup> Displacement Model 4200SA-15 Motor



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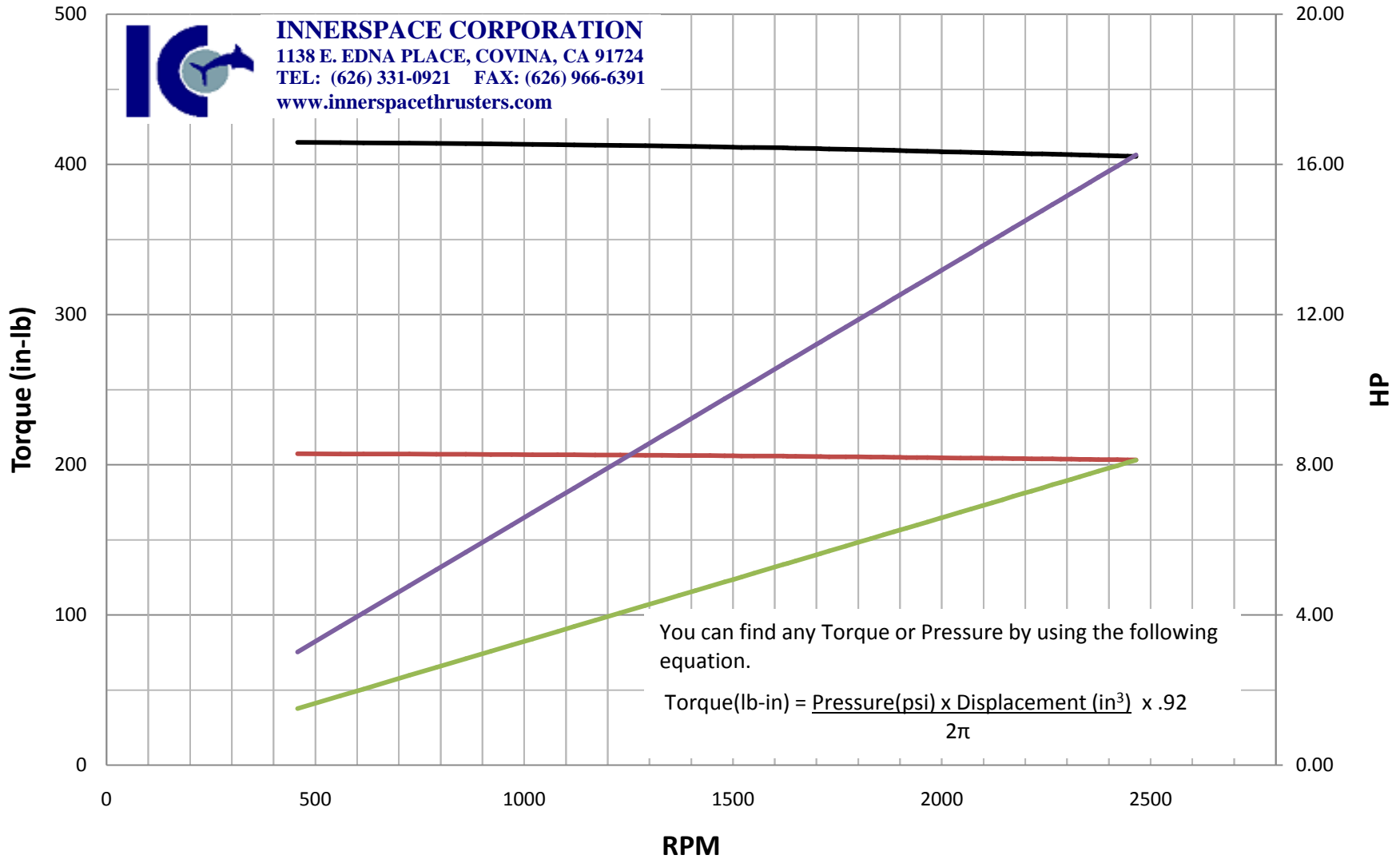


# Torque & HP vs RPM

.88 in<sup>3</sup> Displacement Model 4200SA-15 Motor



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You can find any Torque or Pressure by using the following equation.

$$\text{Torque}(\text{lb-in}) = \frac{\text{Pressure}(\text{psi}) \times \text{Displacement}(\text{in}^3)}{2\pi} \times .92$$

— Torque at 3200 PSI    — Torque at 1600 PSI    — HP at 1600 PSI    — HP at 3200 PSI