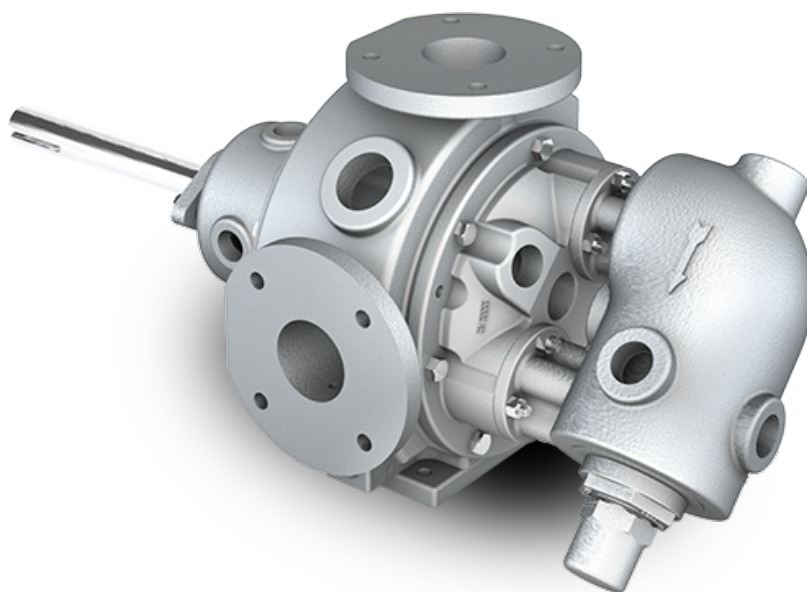


# BLACKMER V SERIES INTERNAL GEAR ASPHALT PUMP PERFORMANCE CURVE





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## How to Use this Guide?

Thank you for considering Blackmer Gear! This guide is intended to help you begin selecting a pump based on desired flow rate and/or drive power needs. Start by determining which pump size will best suit your application by using the specifications and performance data below. We've also included a competitor cross reference table in case you're coming to us from one of several other popular brands. From there, use the table of contents to navigate to the appropriate section based on fluid viscosities. The section headers in the Table of Contents are clickable, as are the lists of viscosities to take you directly to the section you're most interested in. We've also included links back to the Table of Contents at the bottom right corner of each curve page.

If you're new to the Blackmer family of products, welcome! If you're a long time user, welcome back!"

Specification		
Model	Port Sizes'	Pump Only
<b>V2-55</b>	2-1/2" ANSI	180 lb (82 kg)
<b>V2-133</b>	3" ANSI	350 lb (160 kg)
<b>V2-254</b>	4" ANSI	530 lb (240 kg)
<b>V2-423</b>	5" ANSI	750 lb (340 kg)

(1) Flanged connections meet Class 125# ANSI

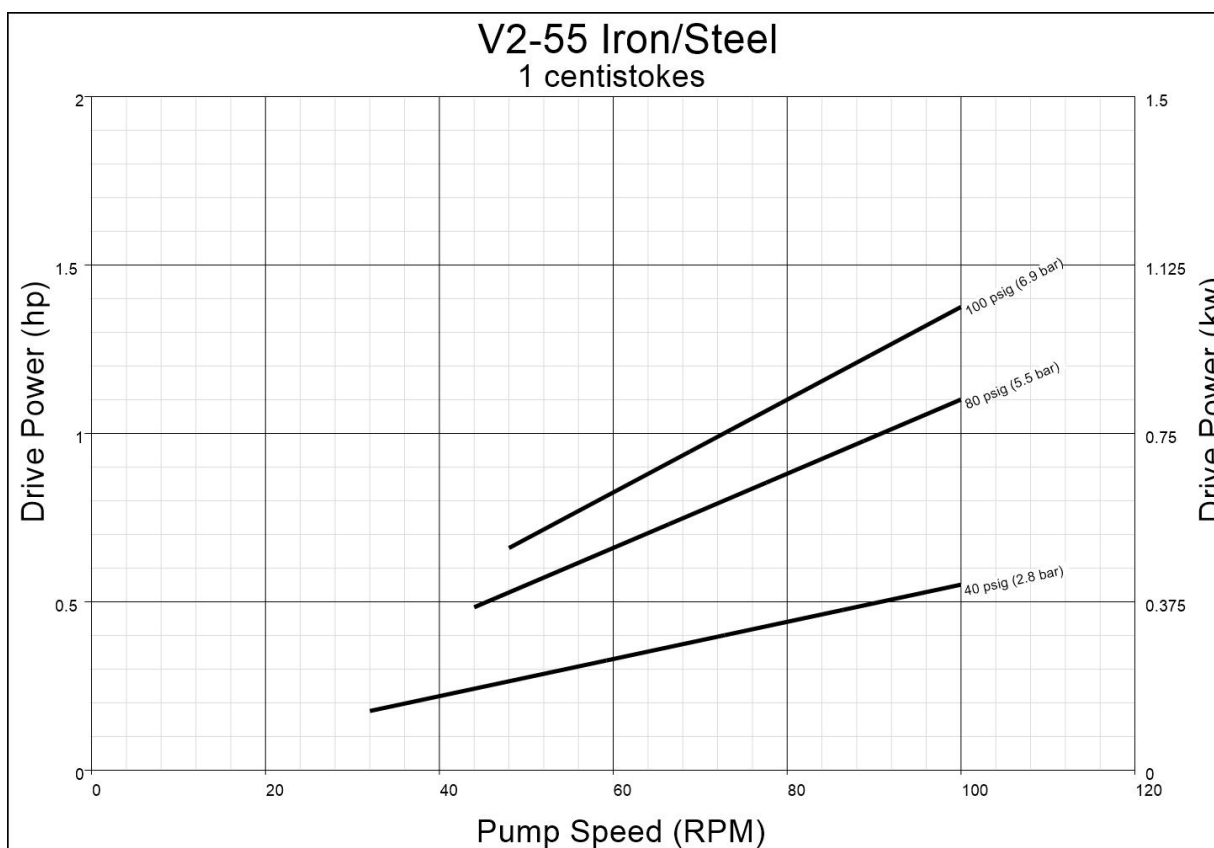
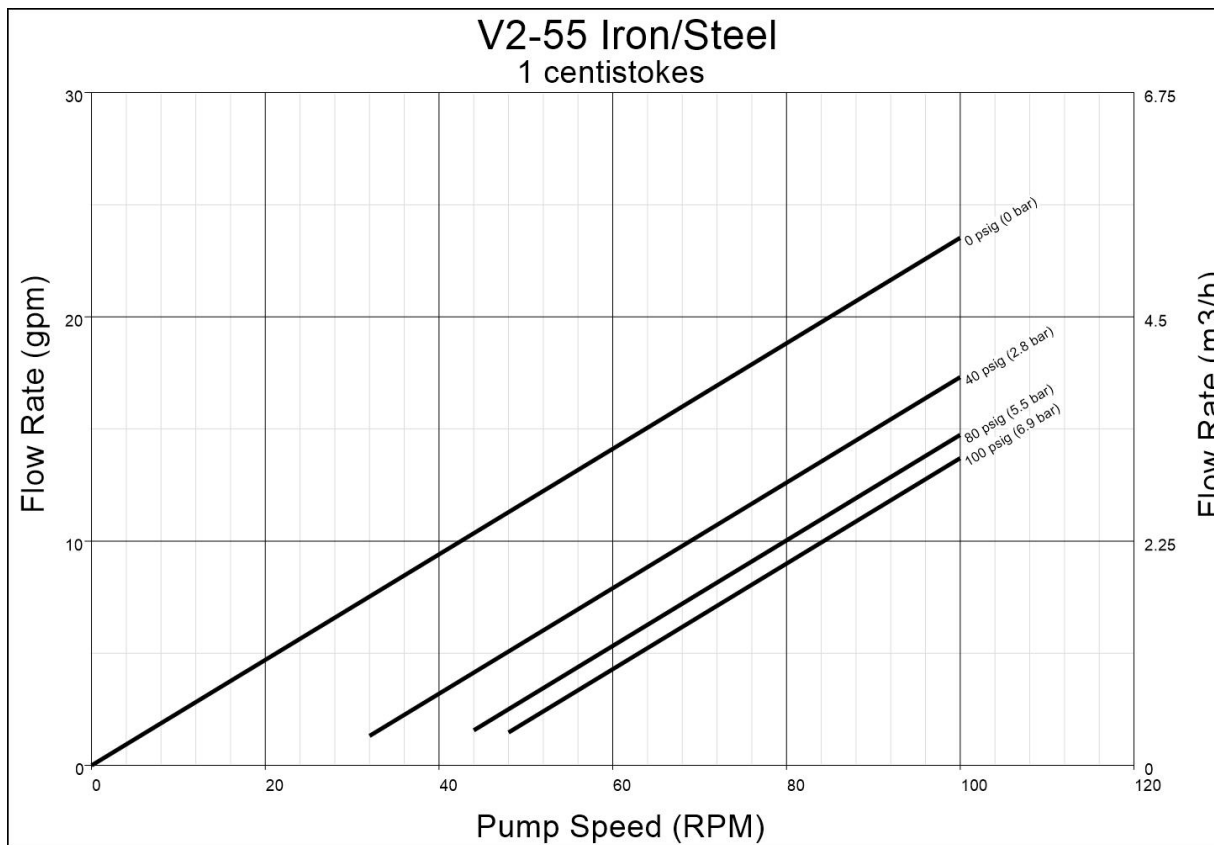
Performance			
Model	RPM	GPM (M <sup>3</sup> /H)	Max Discharge Pressure Psig (Bar)'
<b>V2-55</b>	420	90 (20)	100 (6.9) > 20 cSt
<b>V2-133</b>	350	200 (45)	75 (5.2) > 20 cSt
<b>V2-254</b>	280	280 (64)	75 (5.2) > 20 cSt
<b>V2-423</b>	280	450 (102)	75 (5.2) > 20 cSt

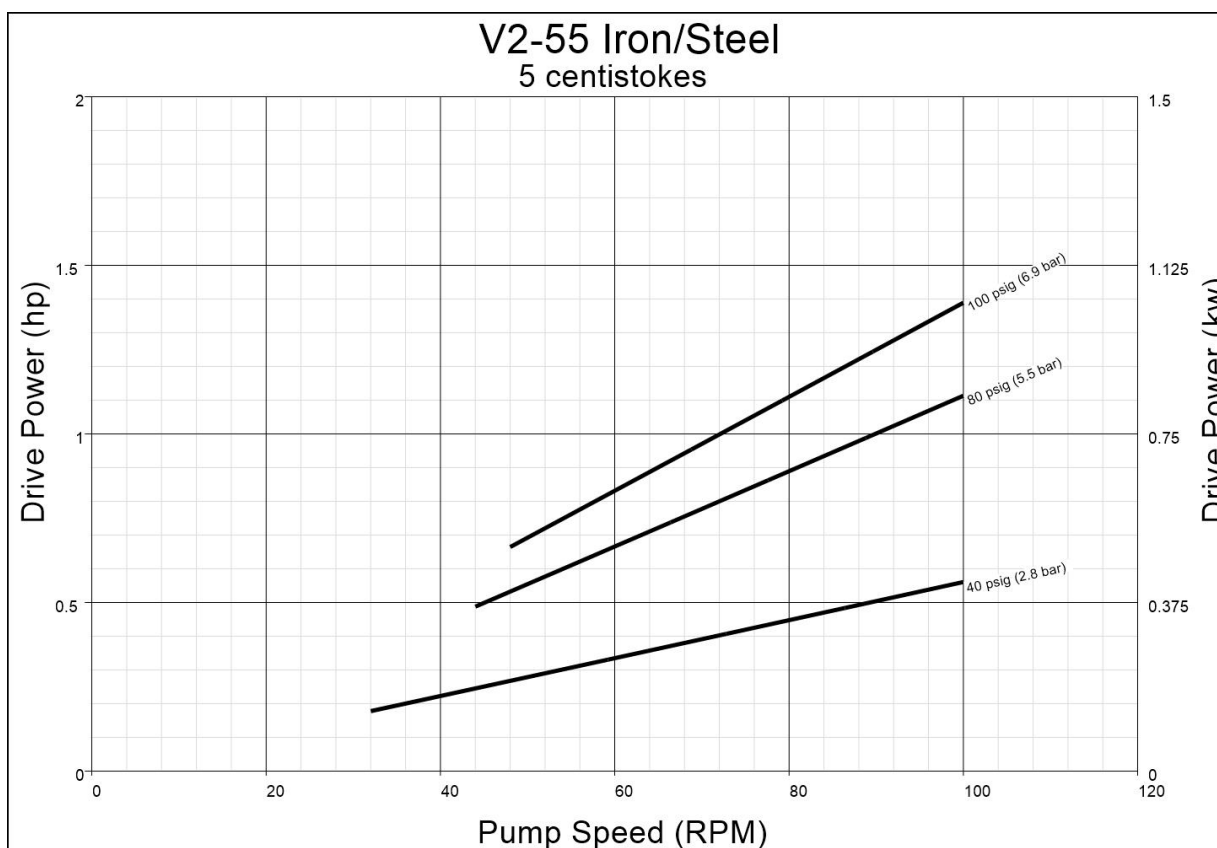
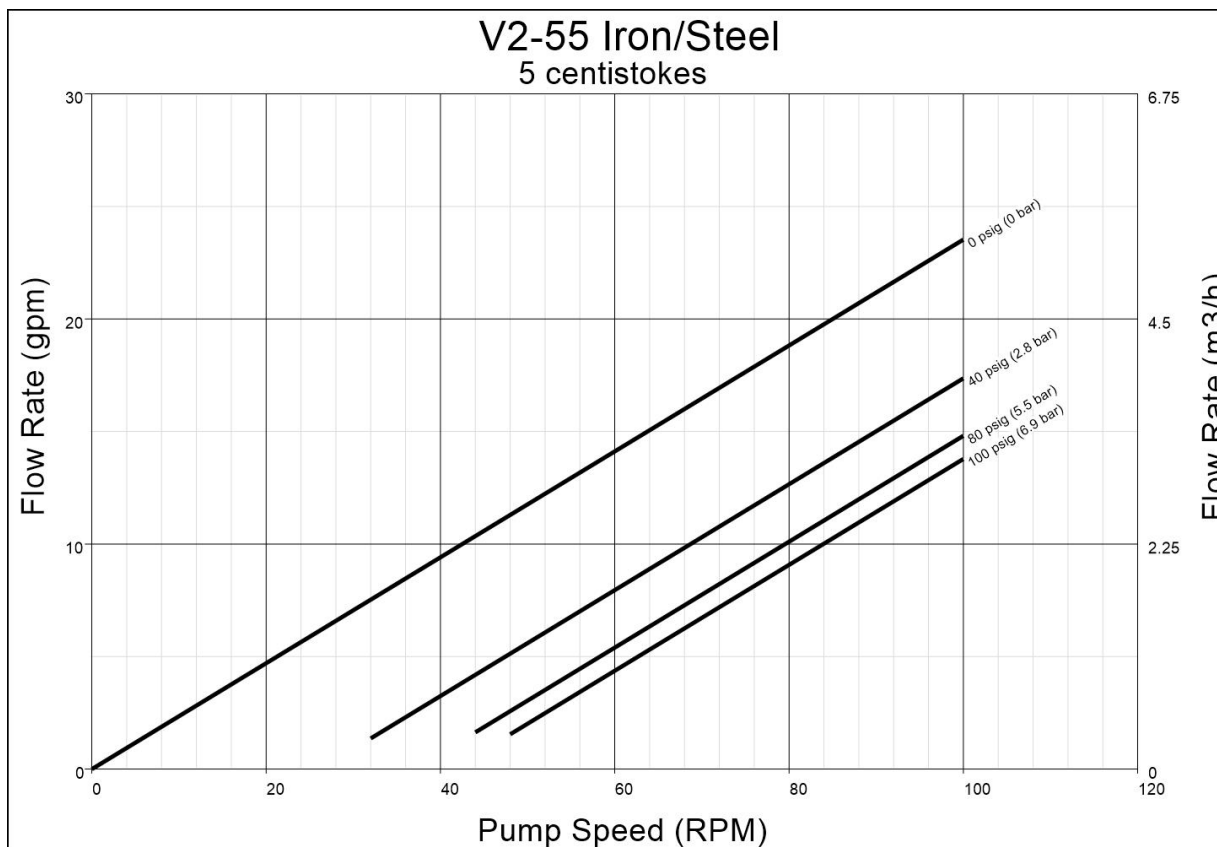
(1) Maximum pressure listed reflects maximum differential pressure and maximum allowable working pressure

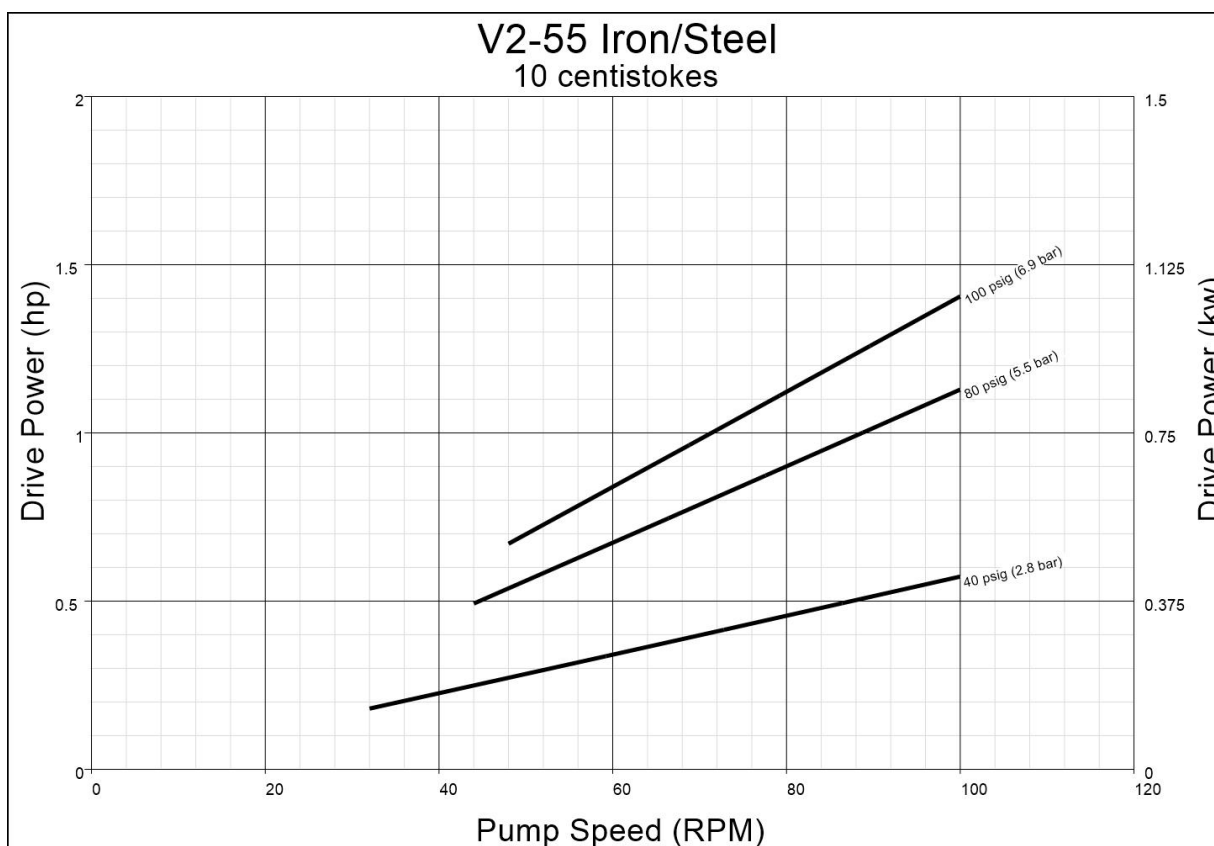
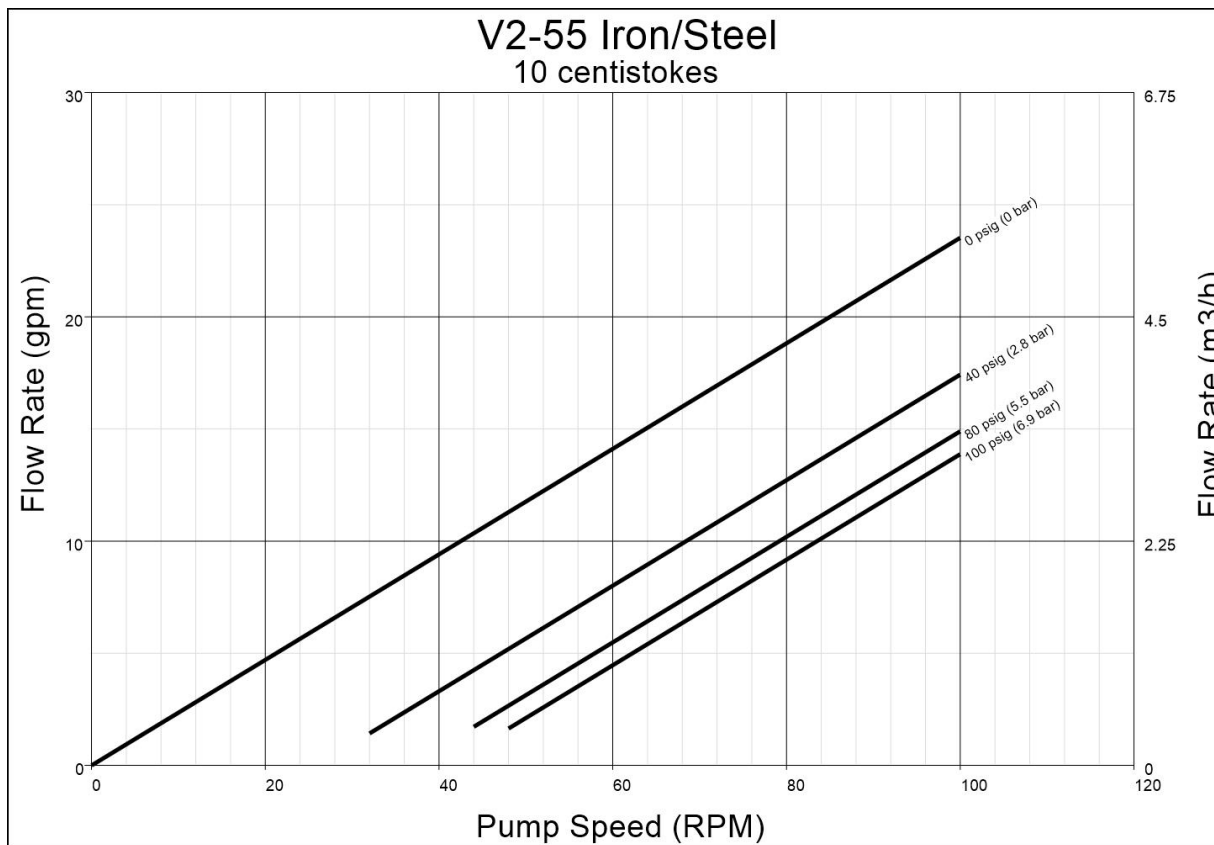
Competitor Model Cross Reference			
Blackmer V Series	Blackmer G Series	Blackmer E Series	Viking®
<b>V2-55</b>	G1-55	E1-55	LQ34
<b>V2-133</b>	G1-133	E1-133	Q34
<b>V2-254</b>	-	-	M34
<b>V2-423</b>	-	-	N34

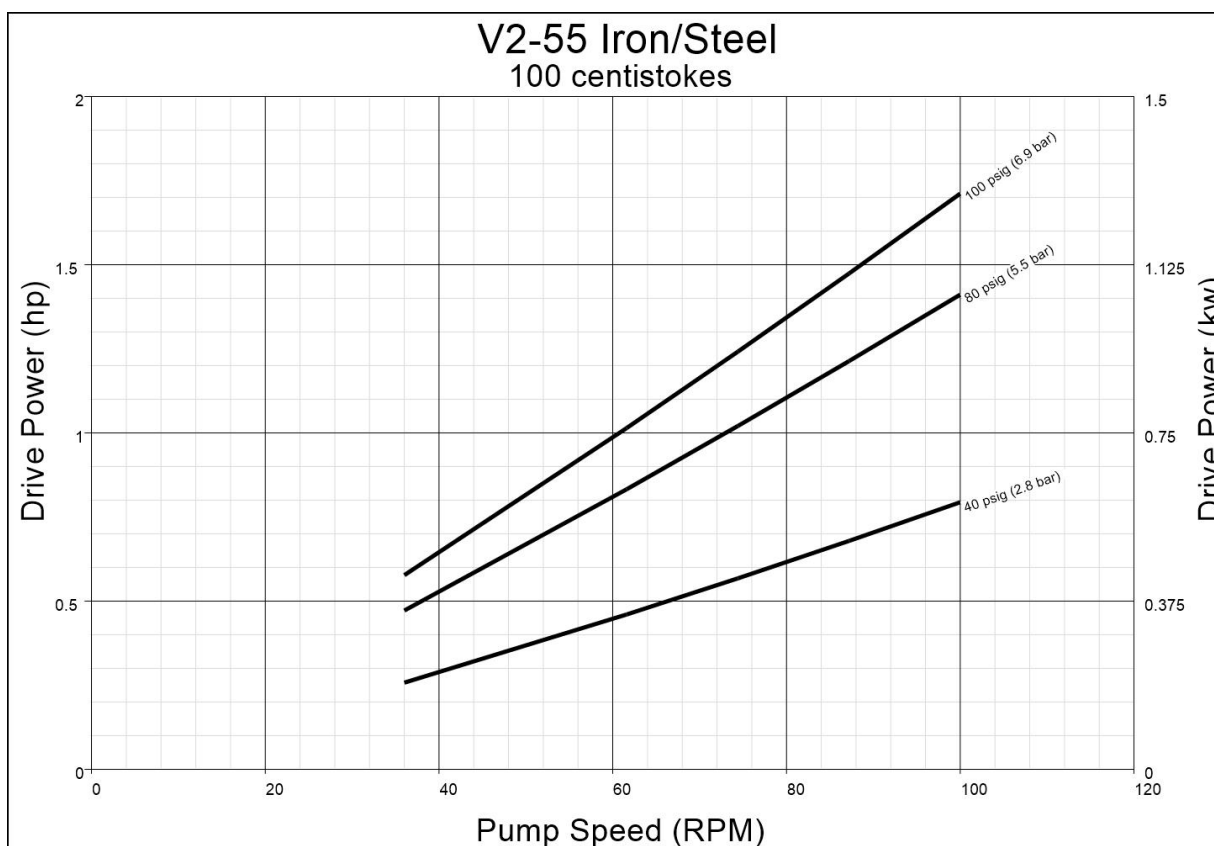
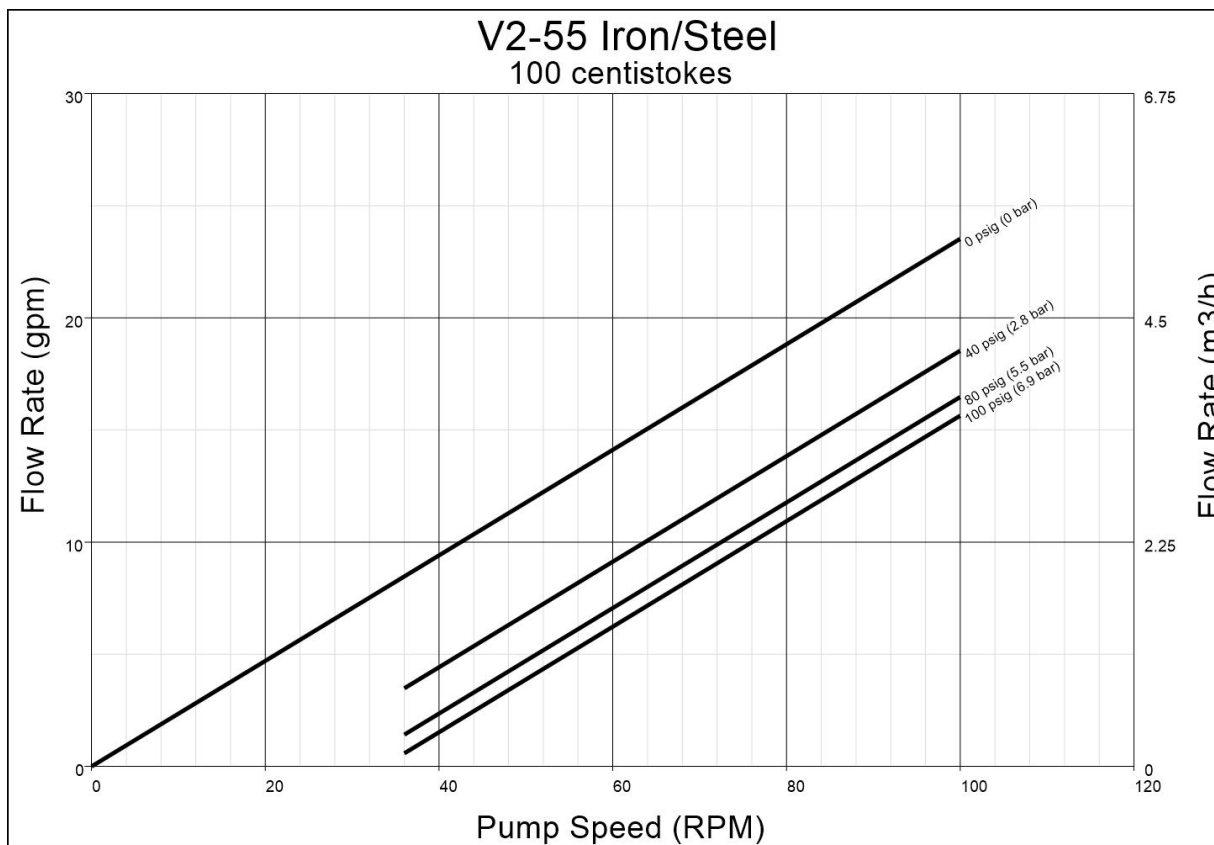
**Note:** See the [Blackmer Competitor Dimensional Comparison Guide](#) for detailed dimensional information.

Viking® is a registered trademark of Viking Pump, Inc., a unit of IDEX Corporation.

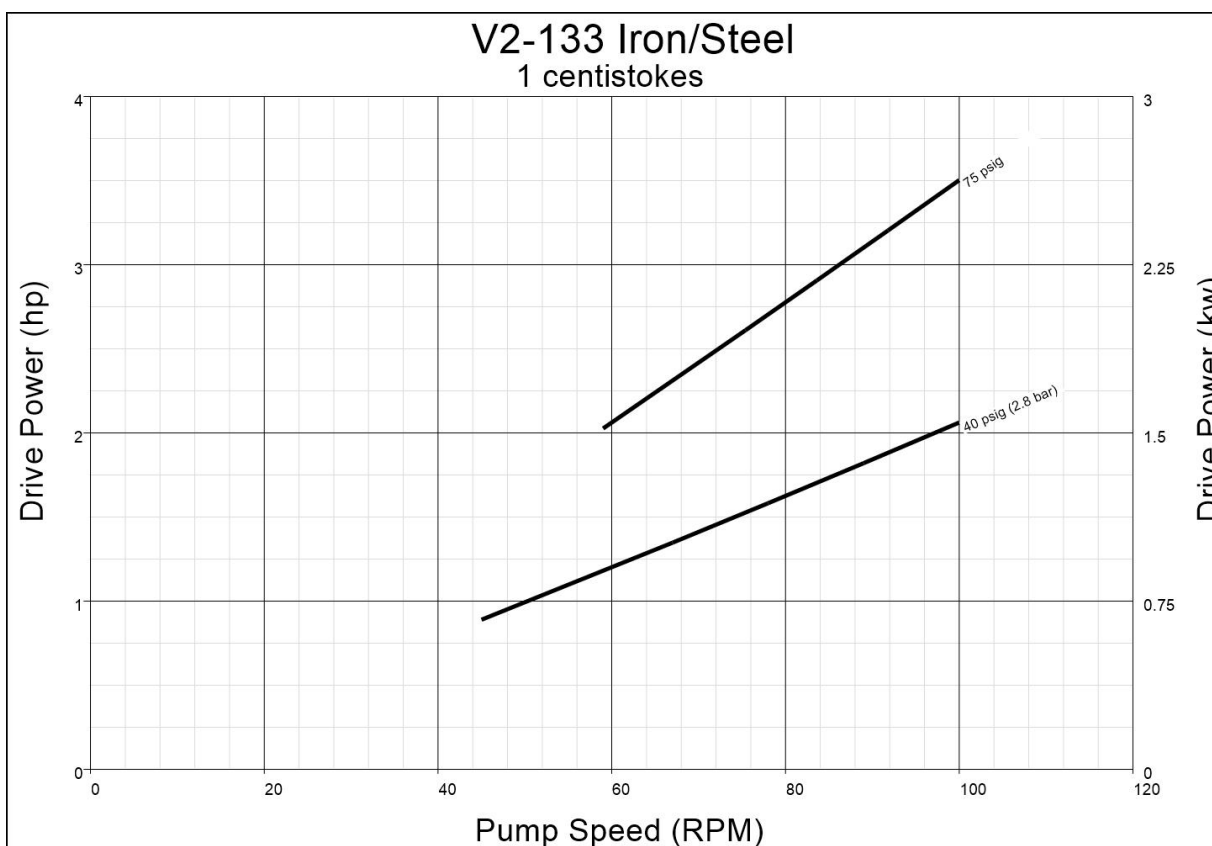
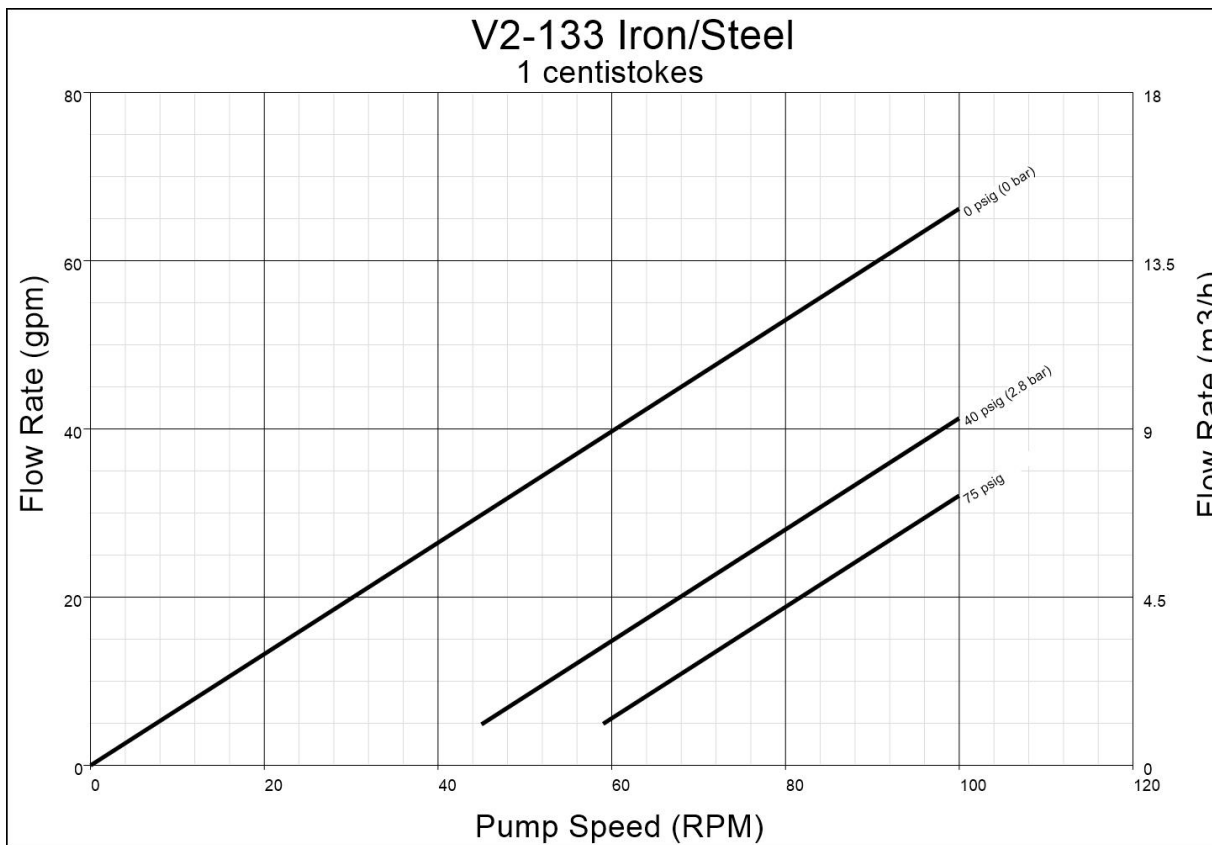


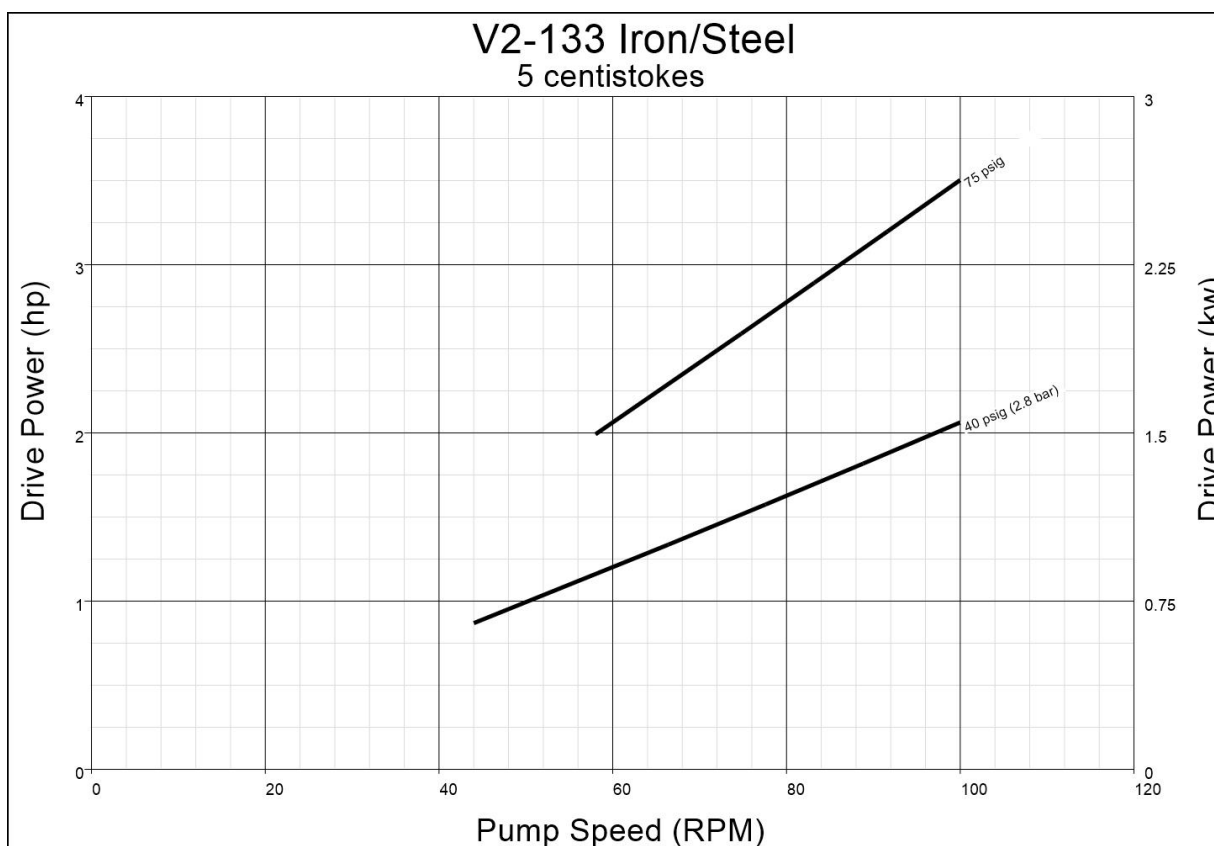
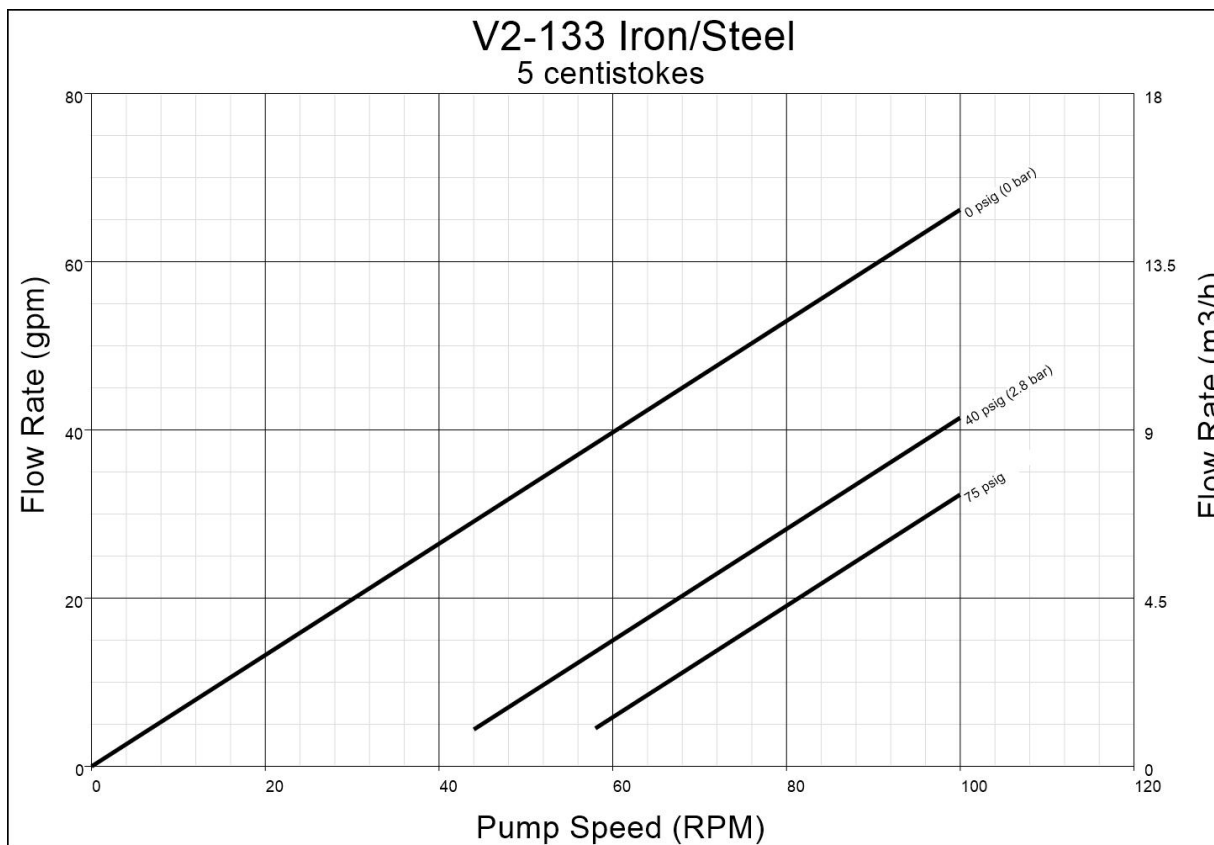


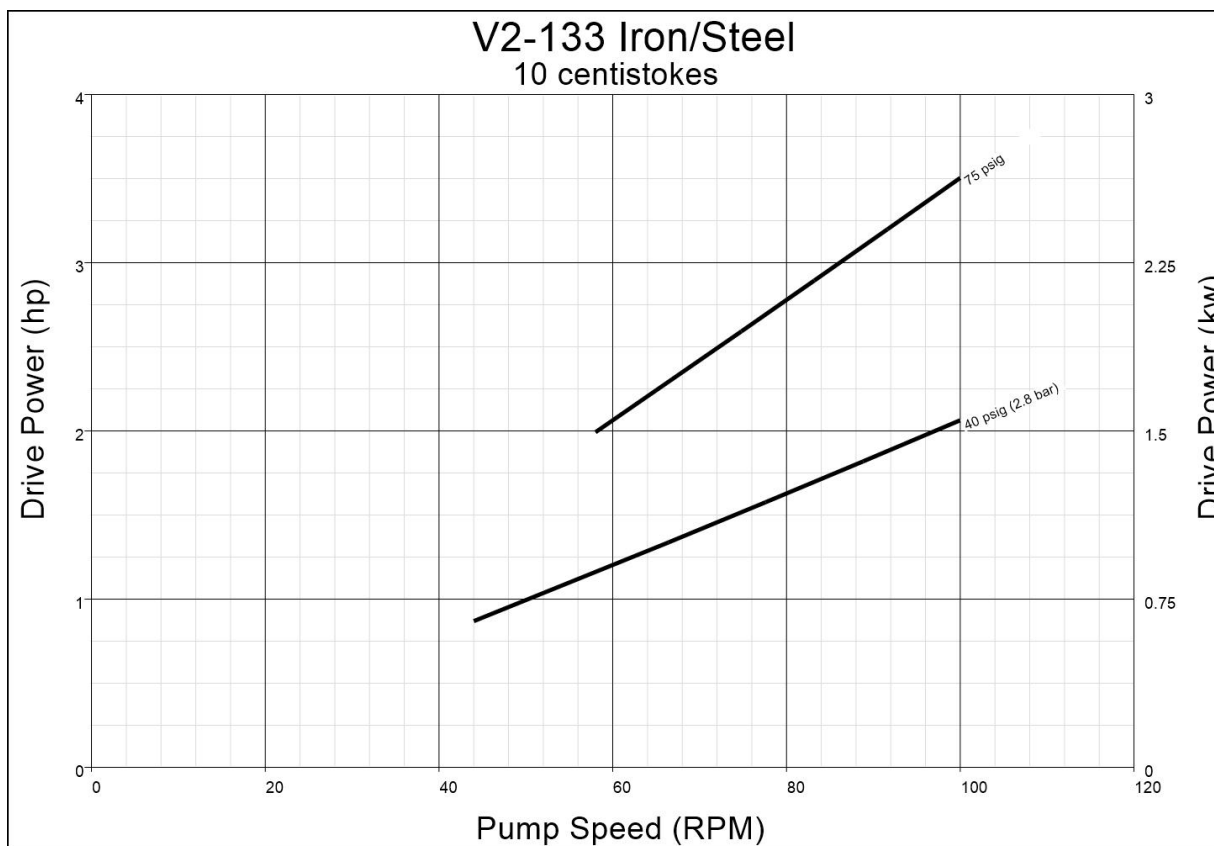
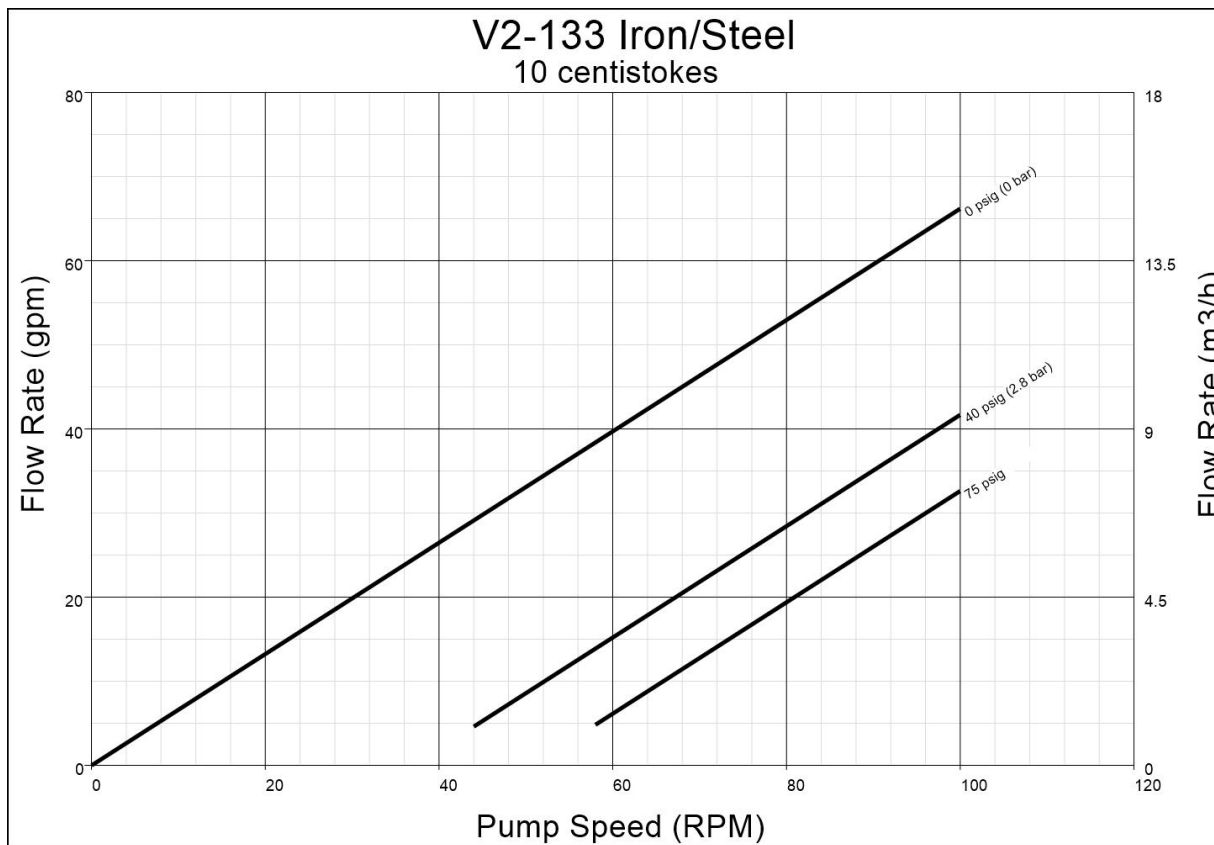


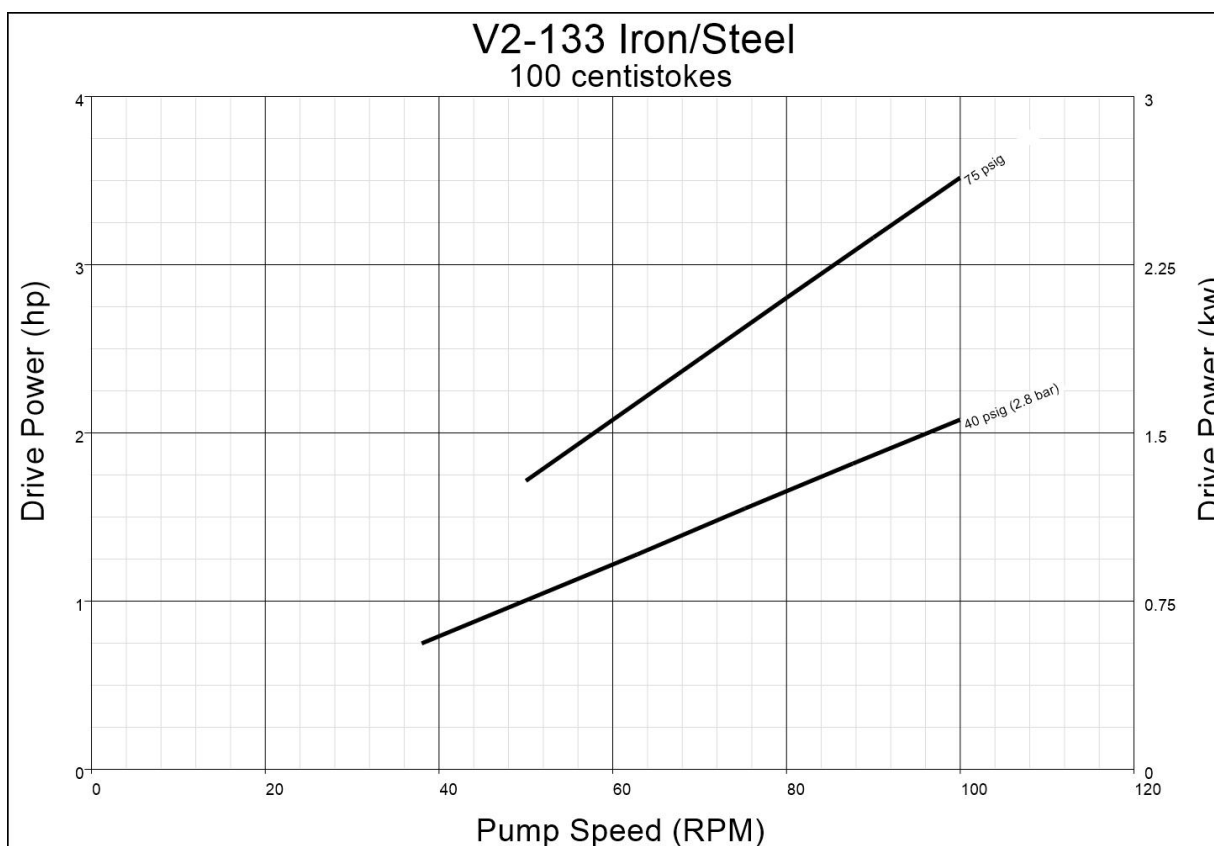
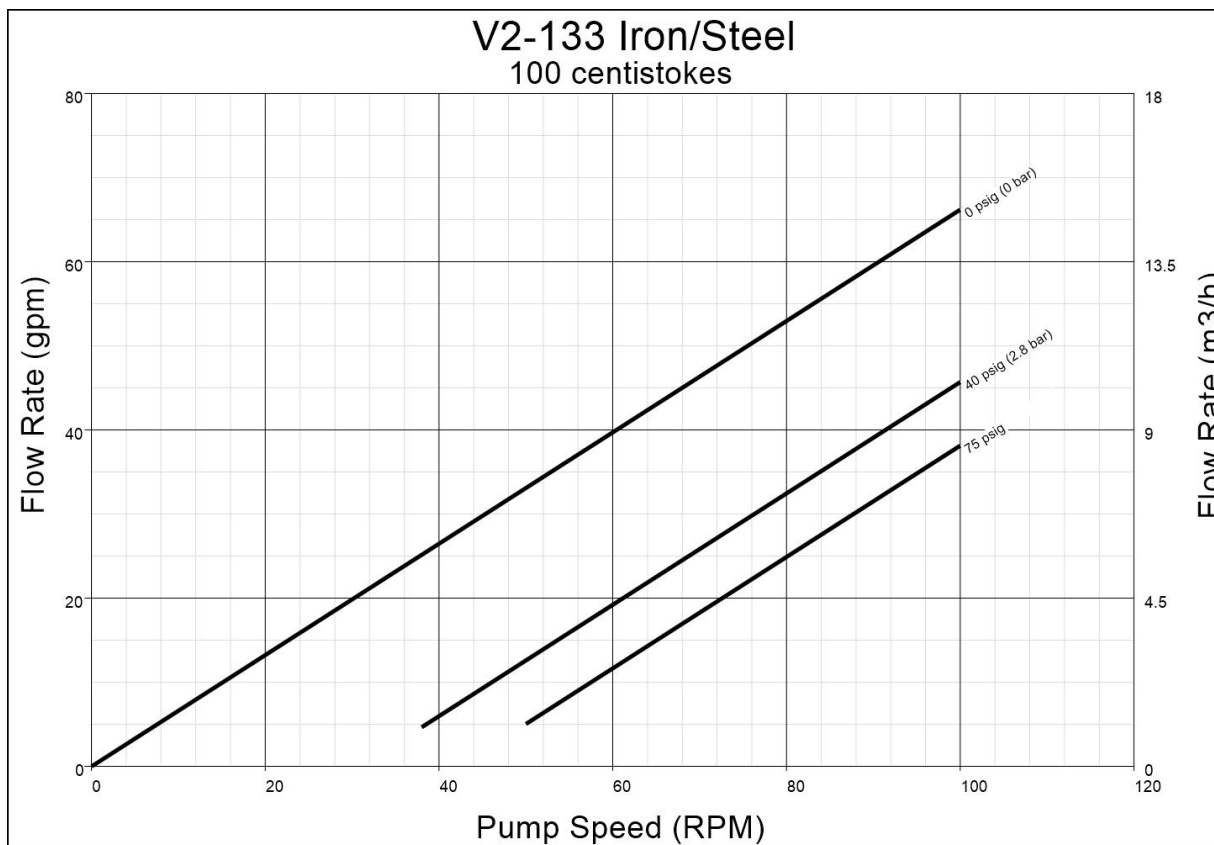


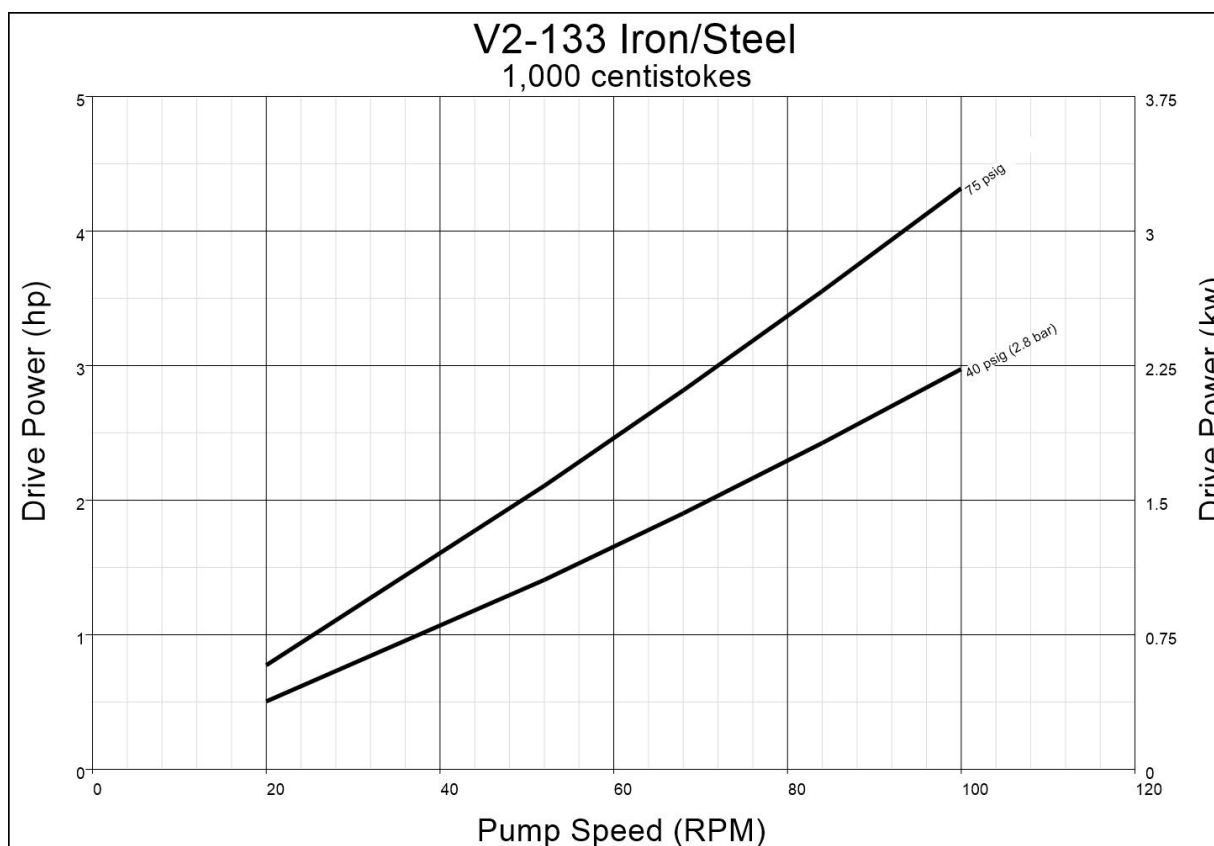
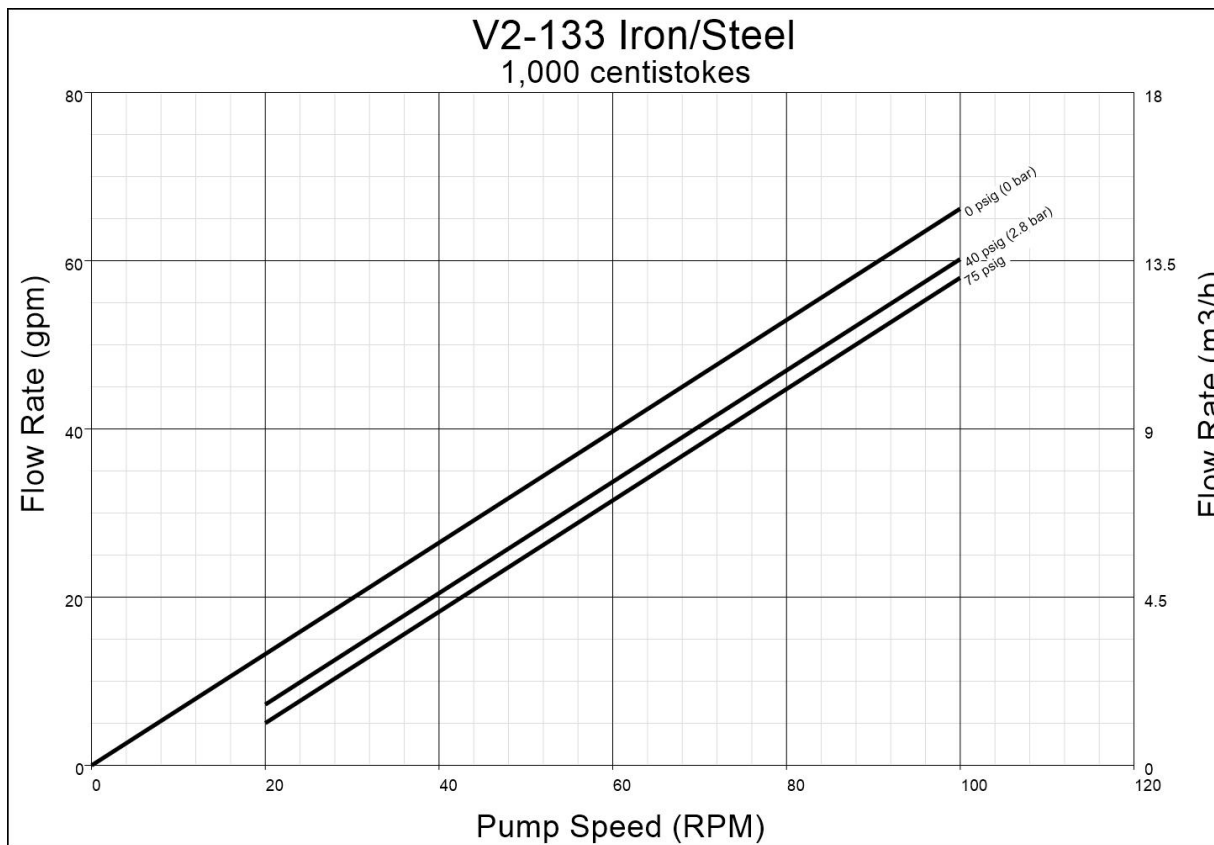


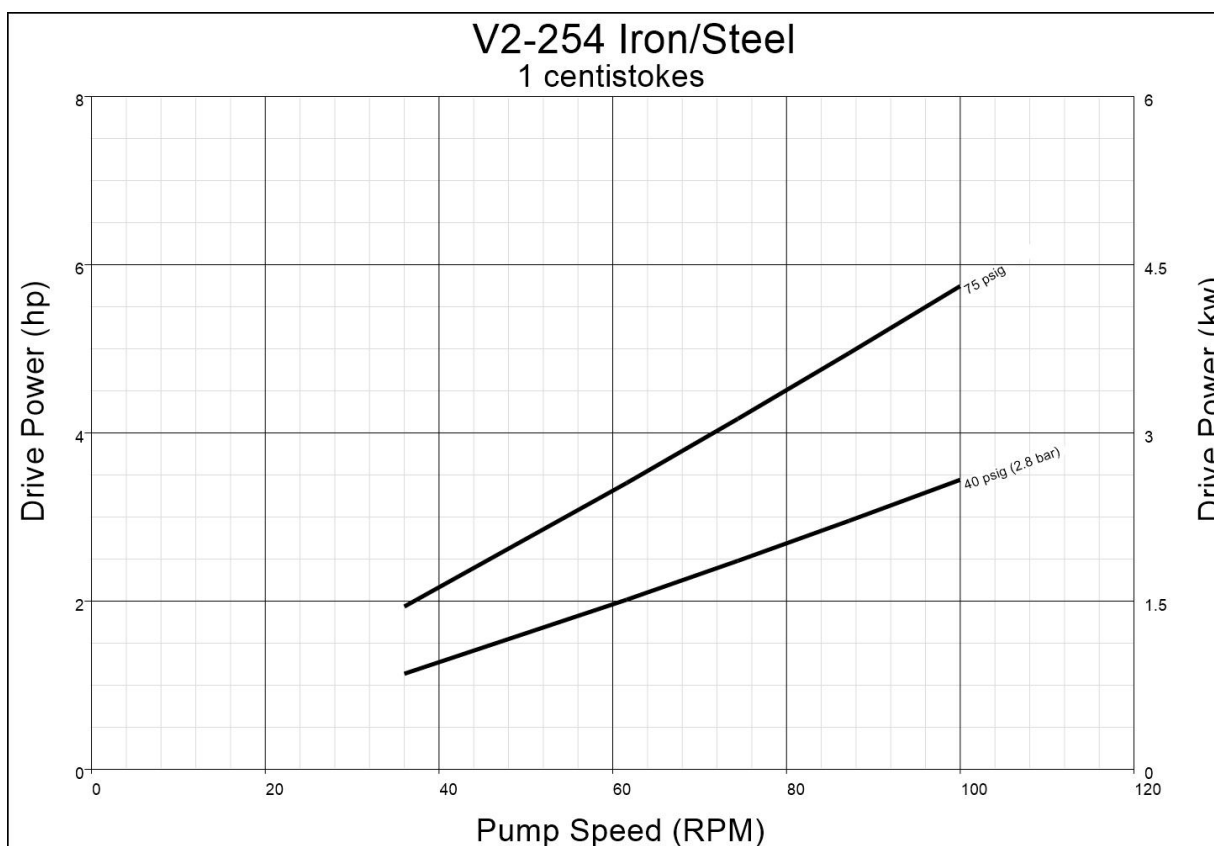
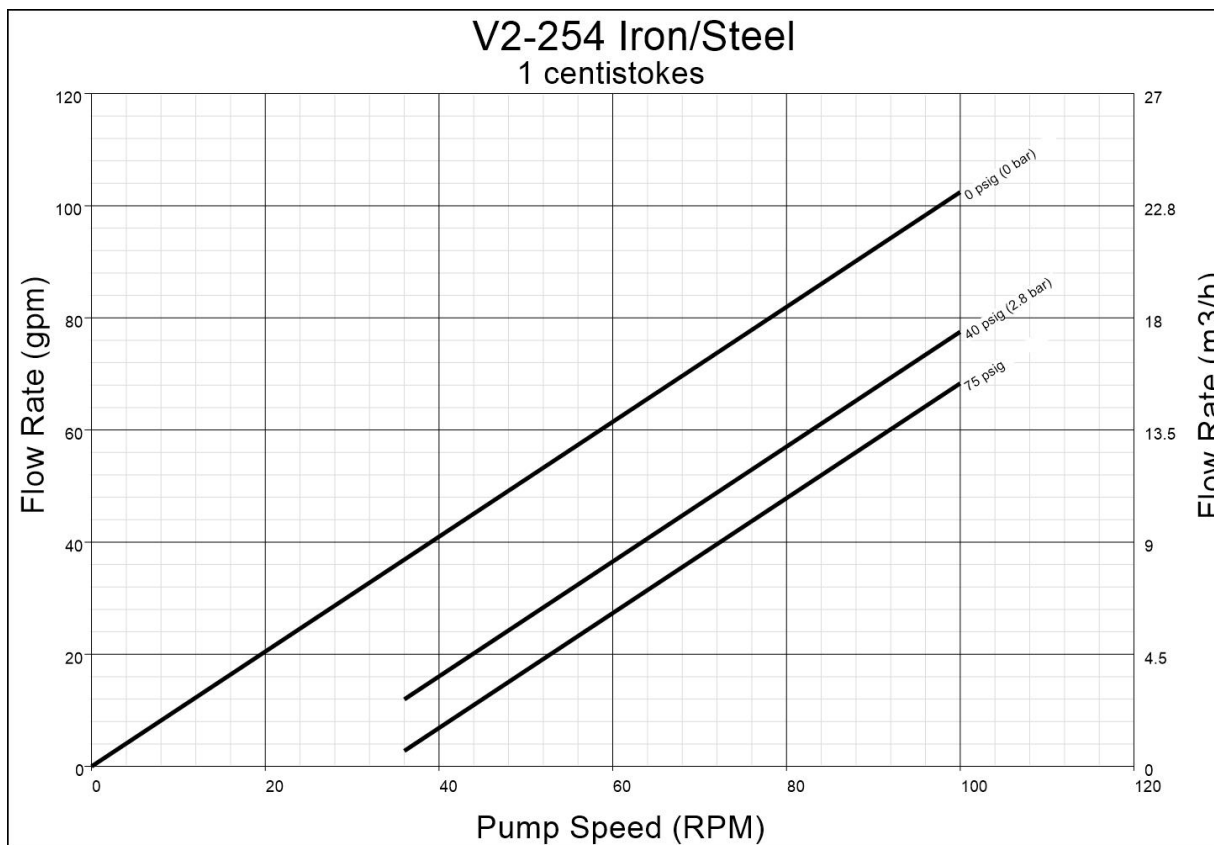


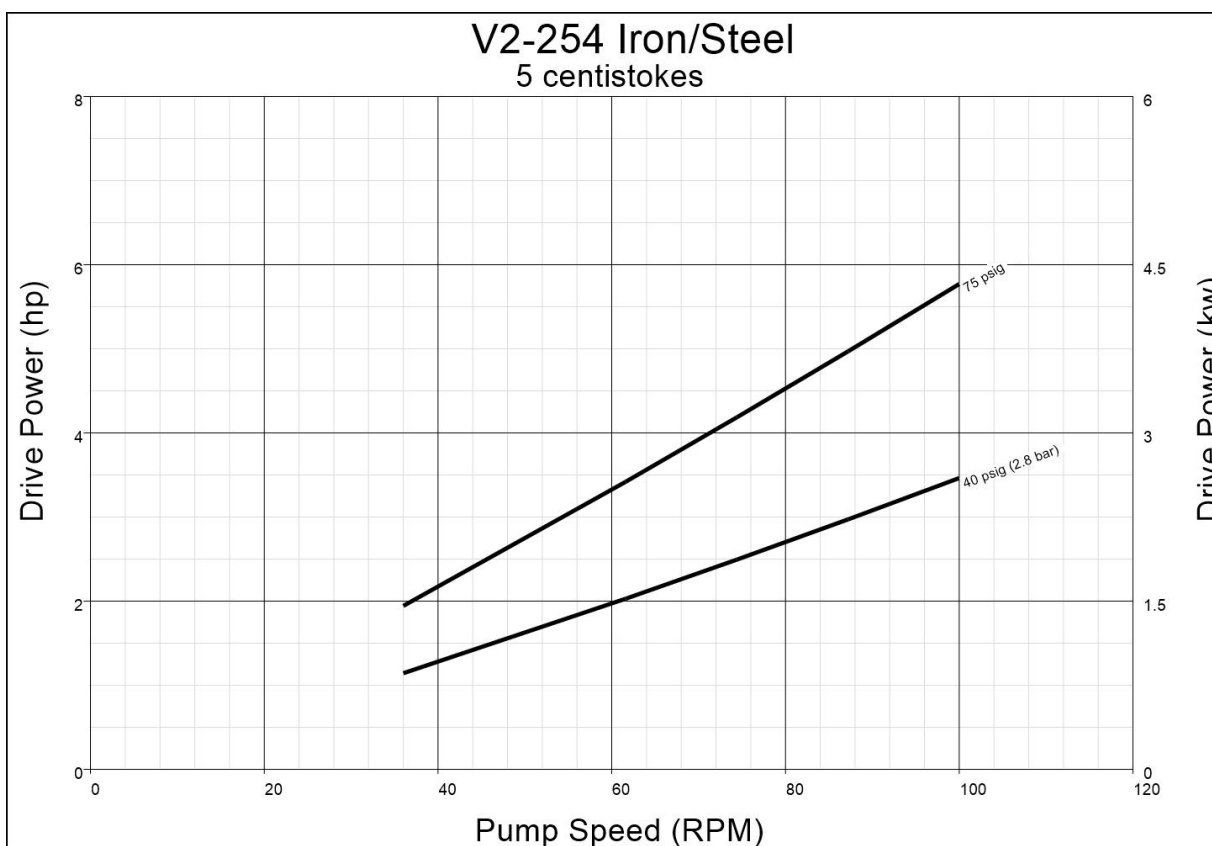
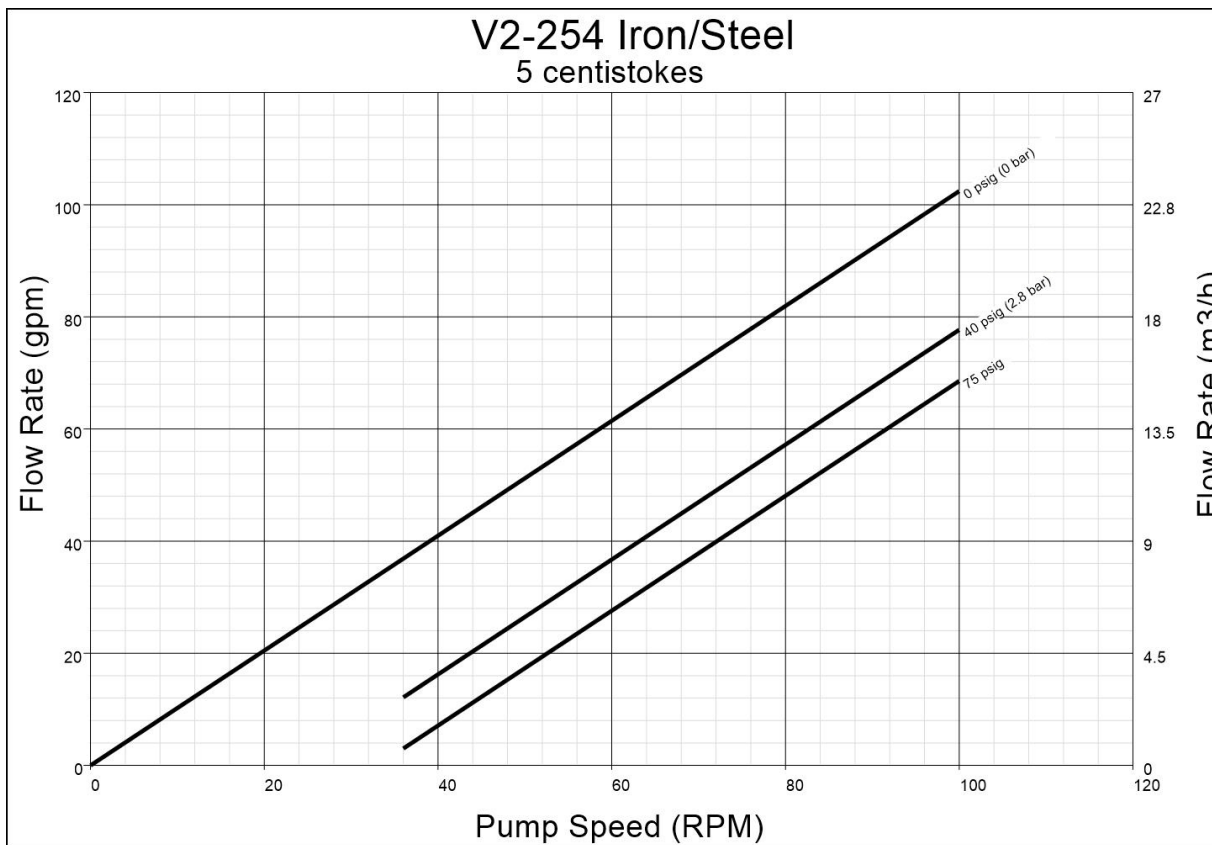


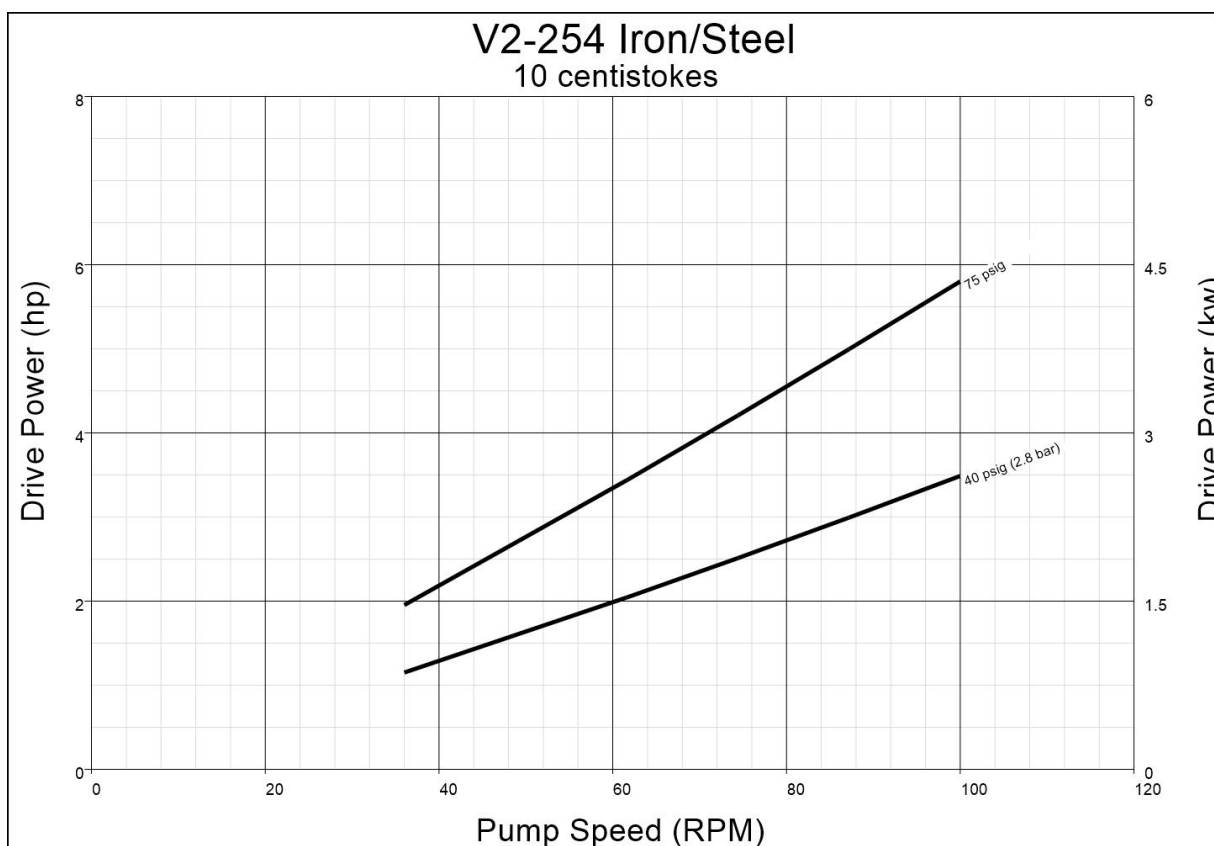
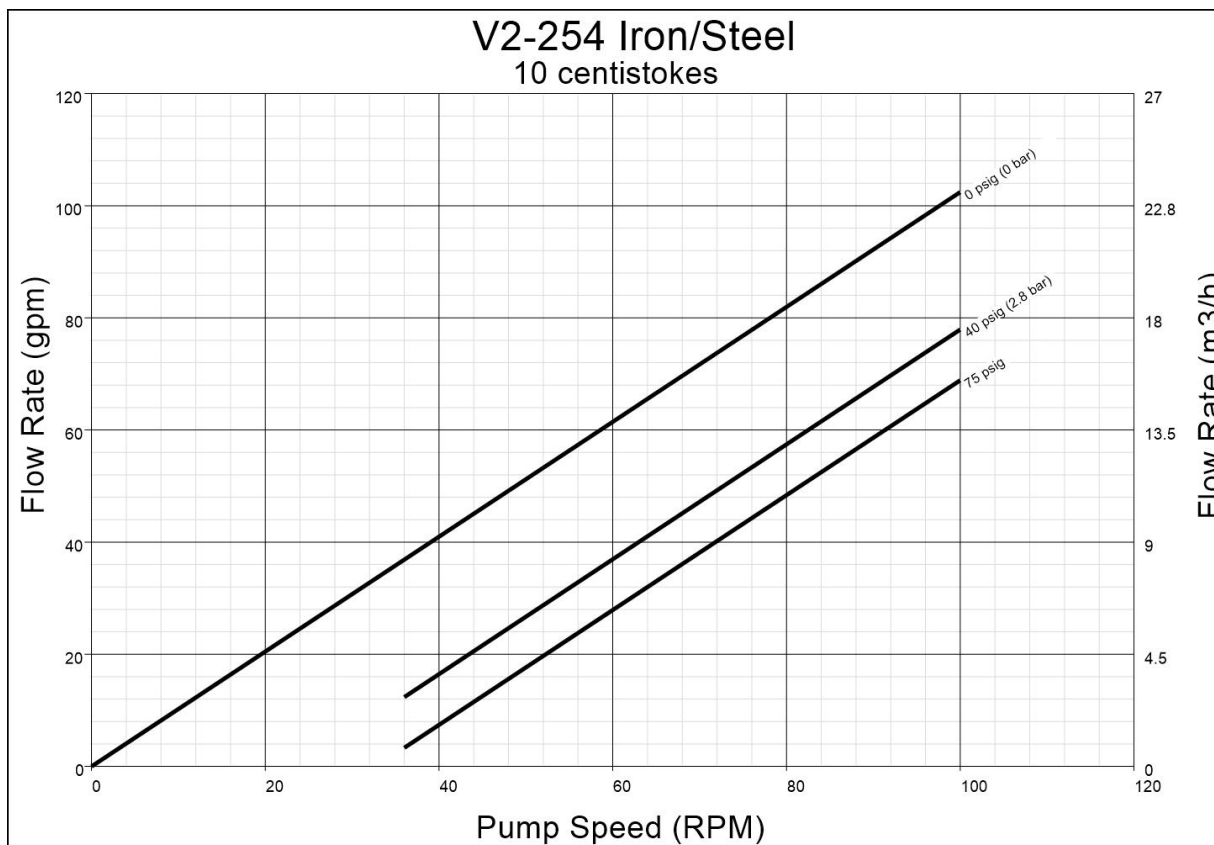




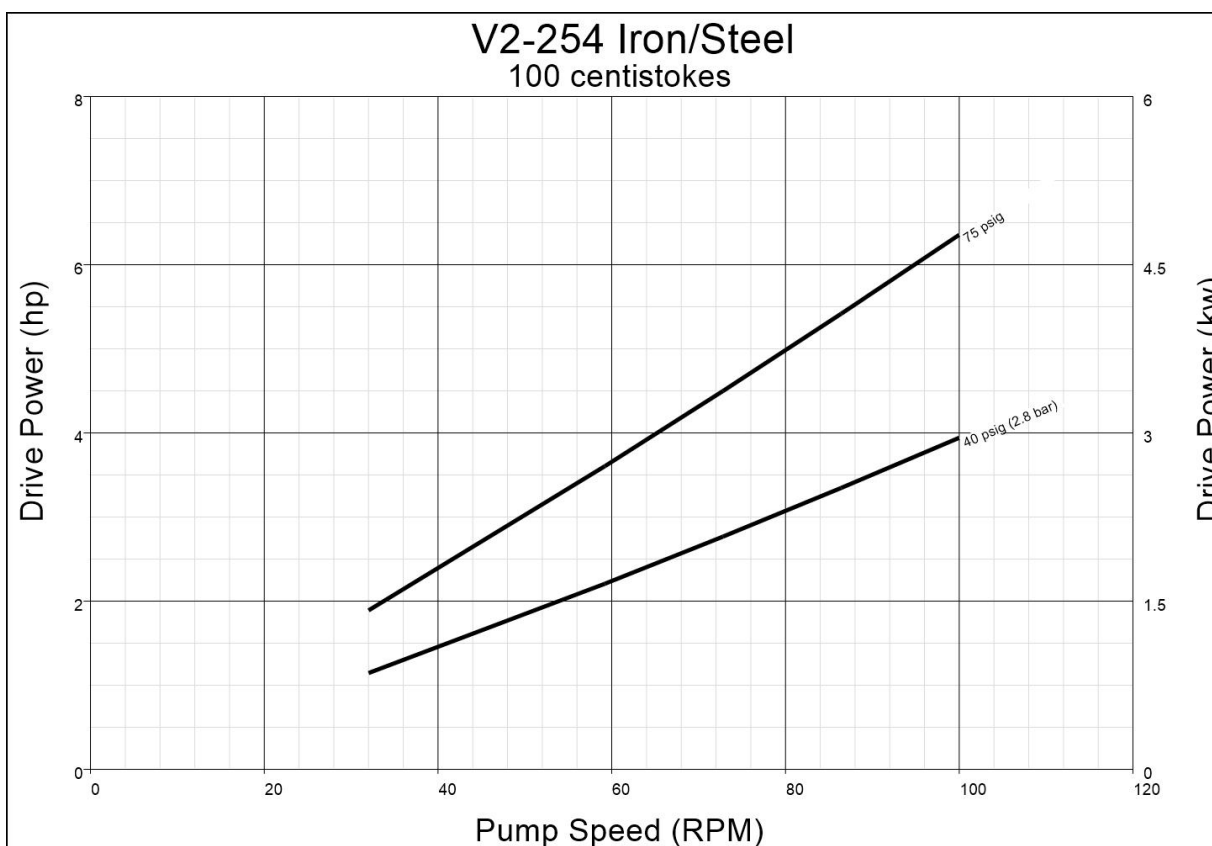
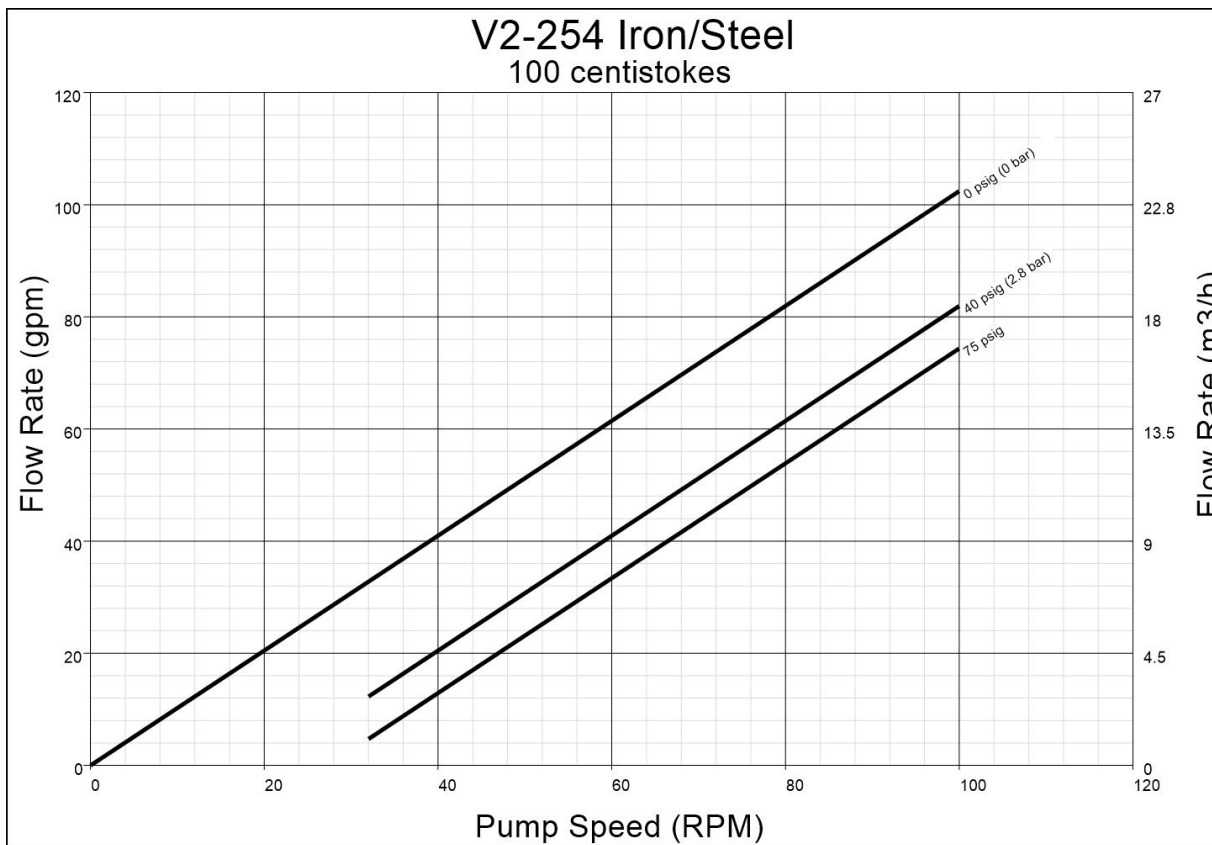


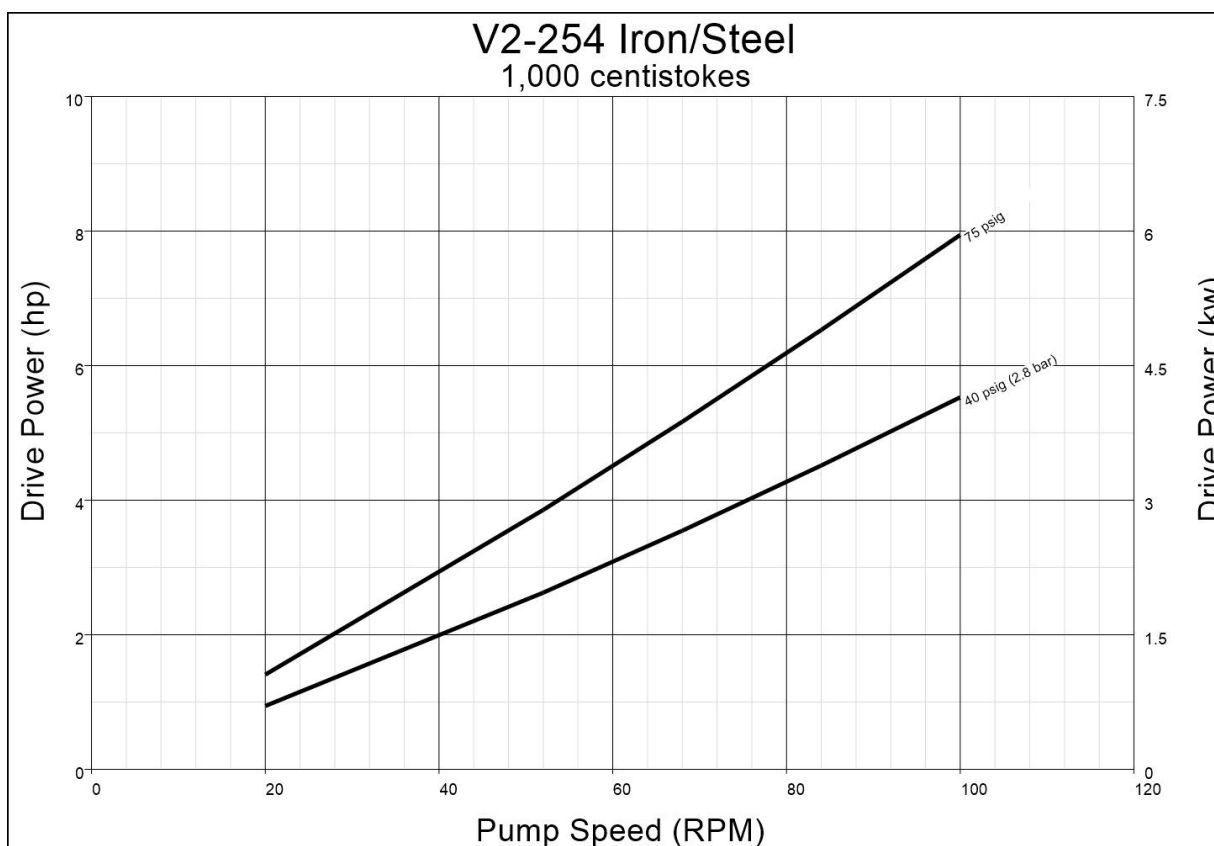
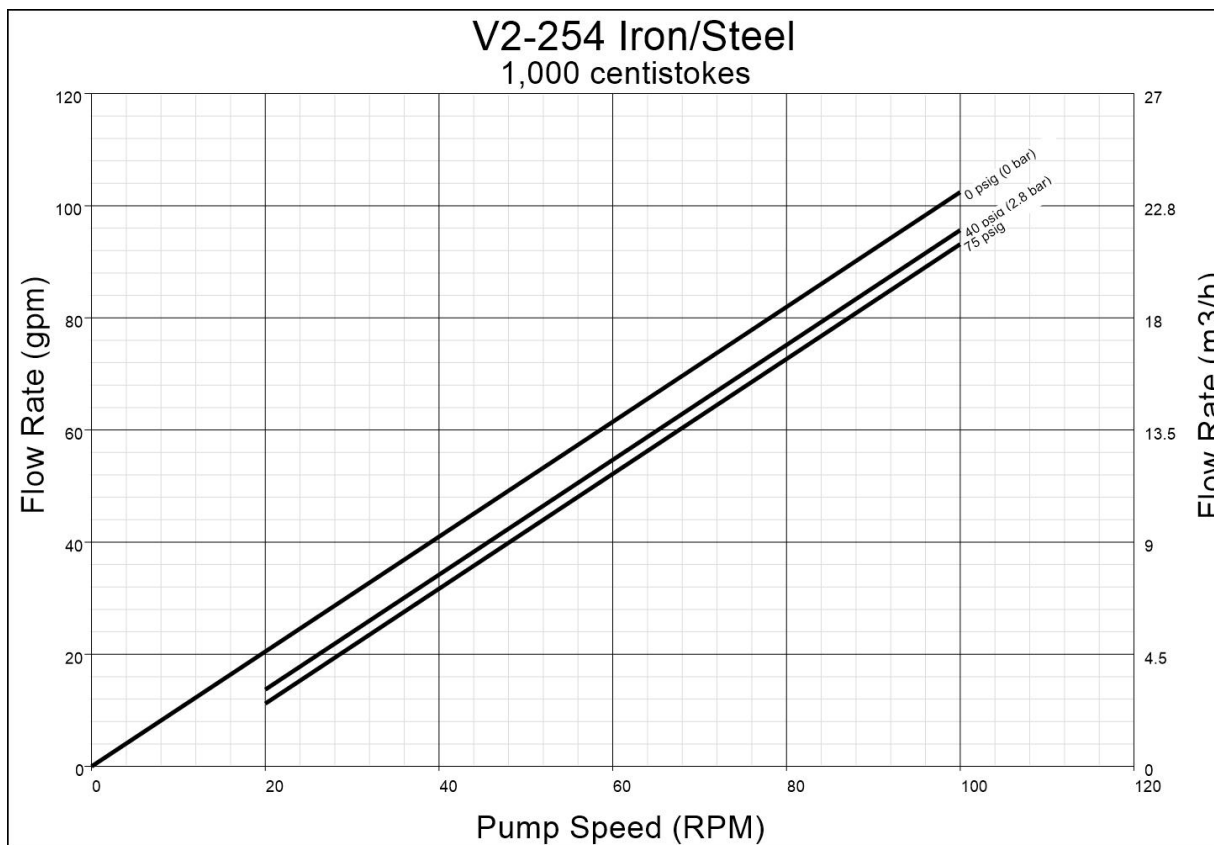


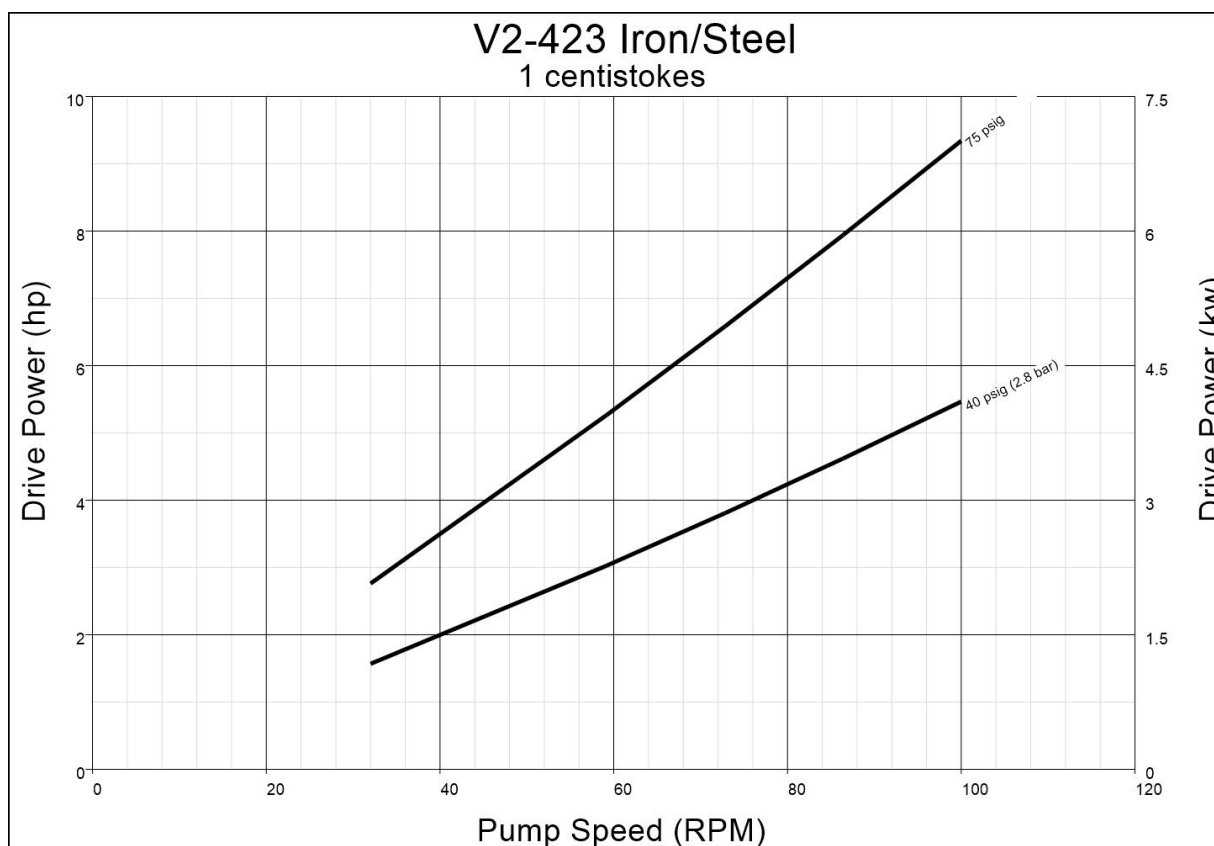
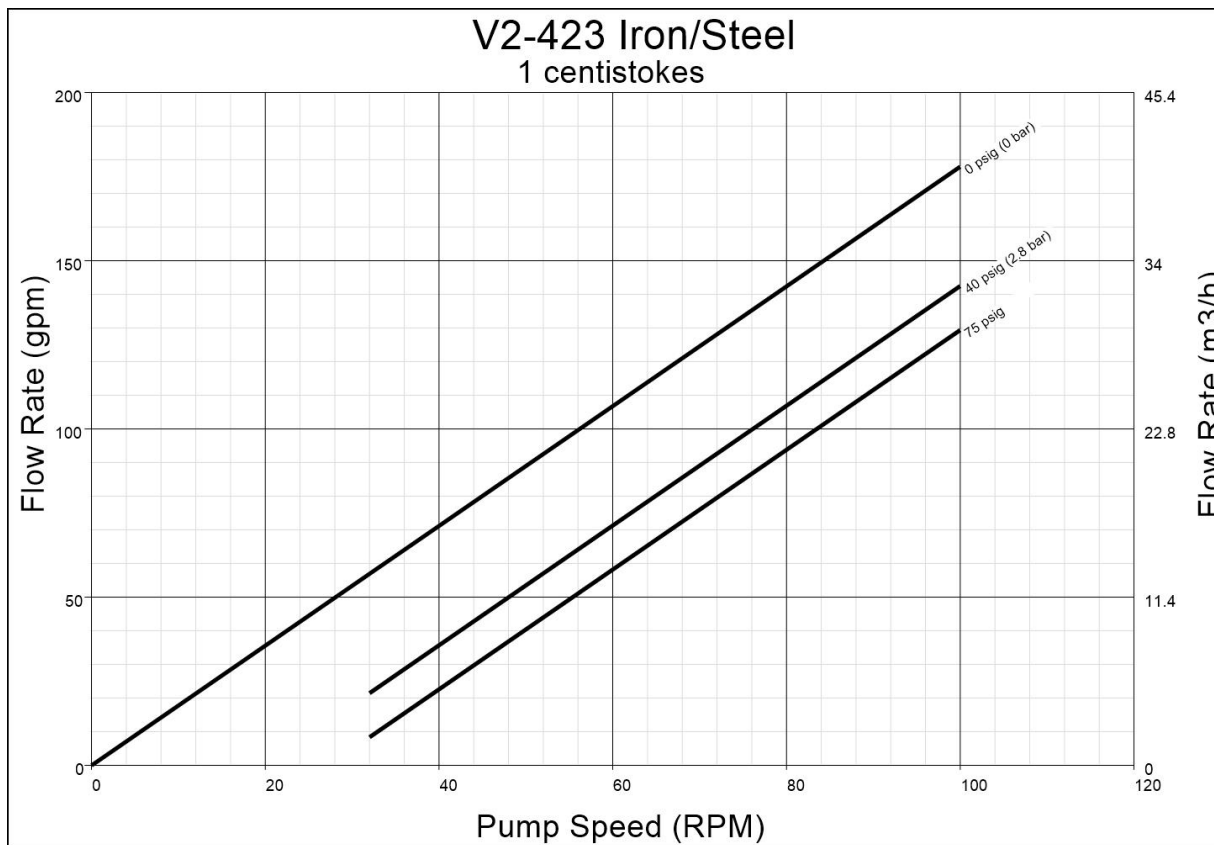


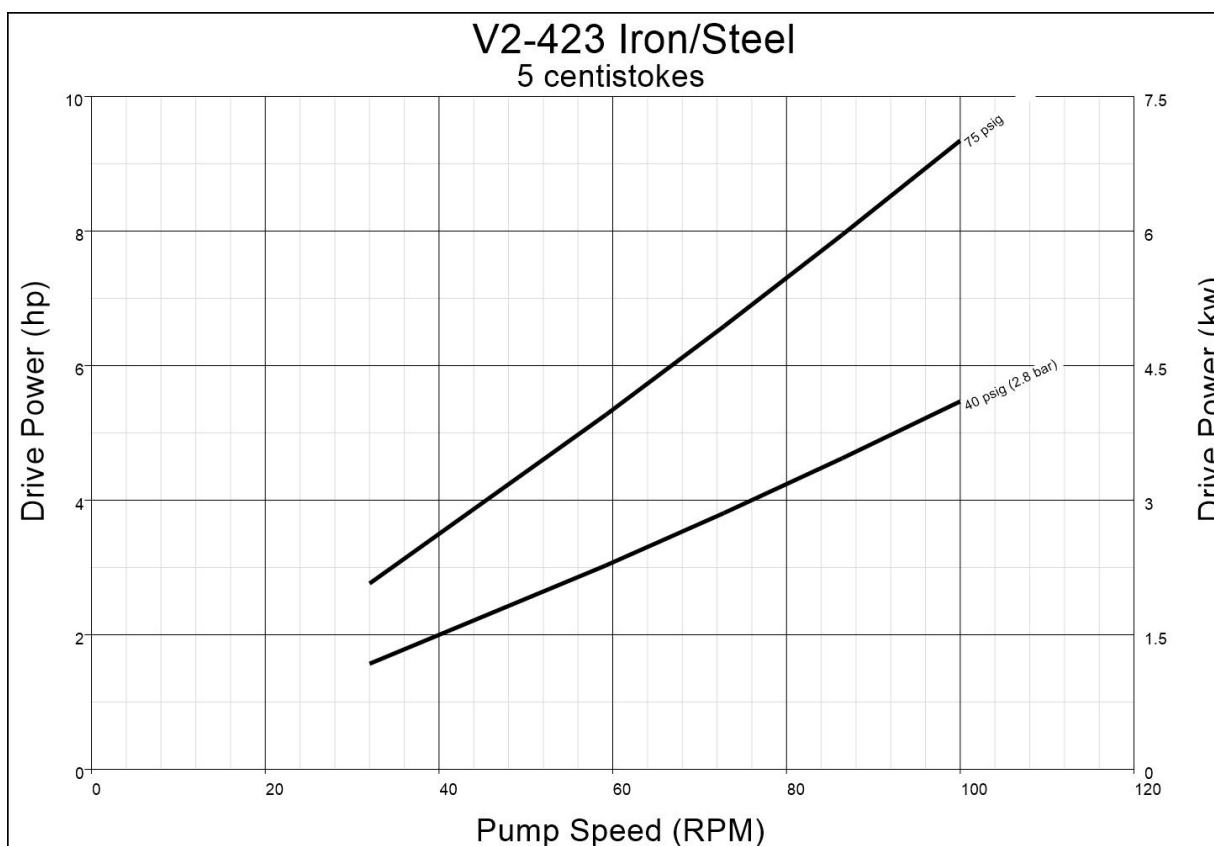
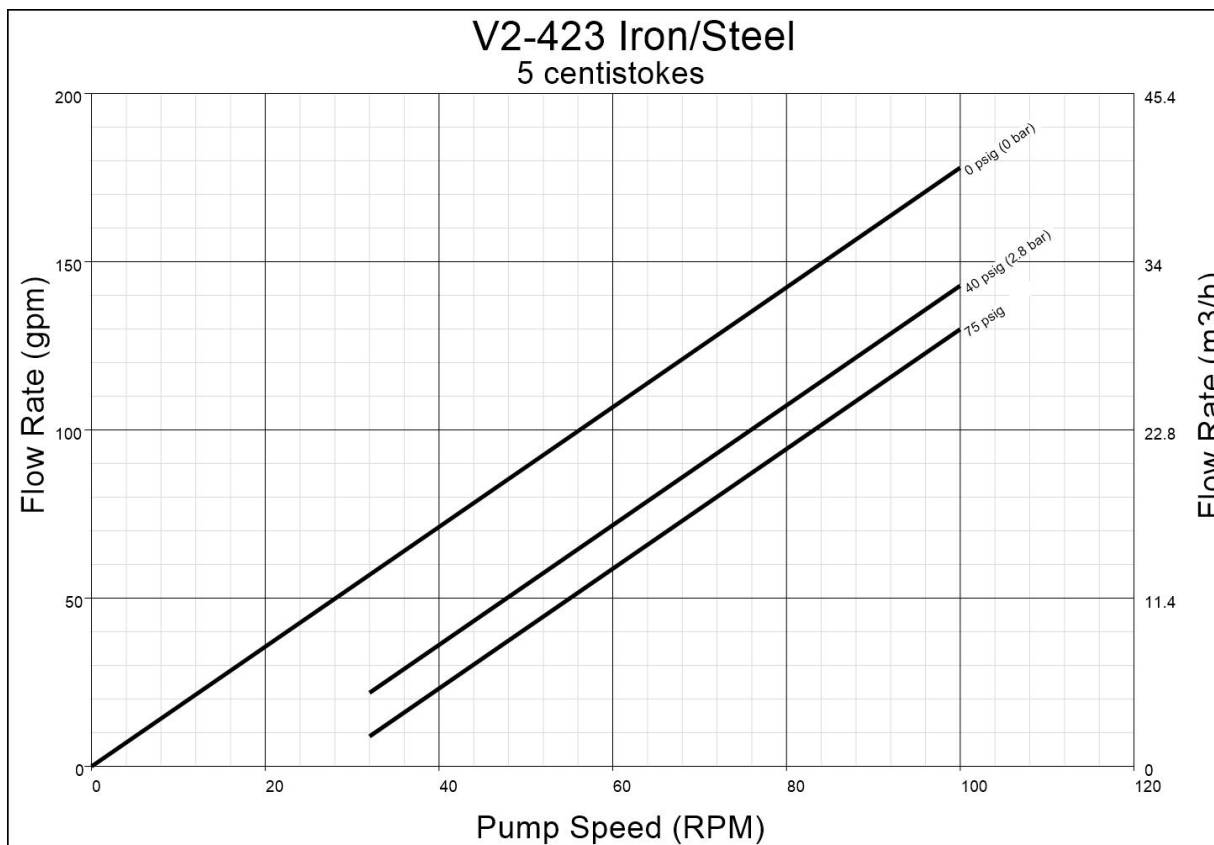


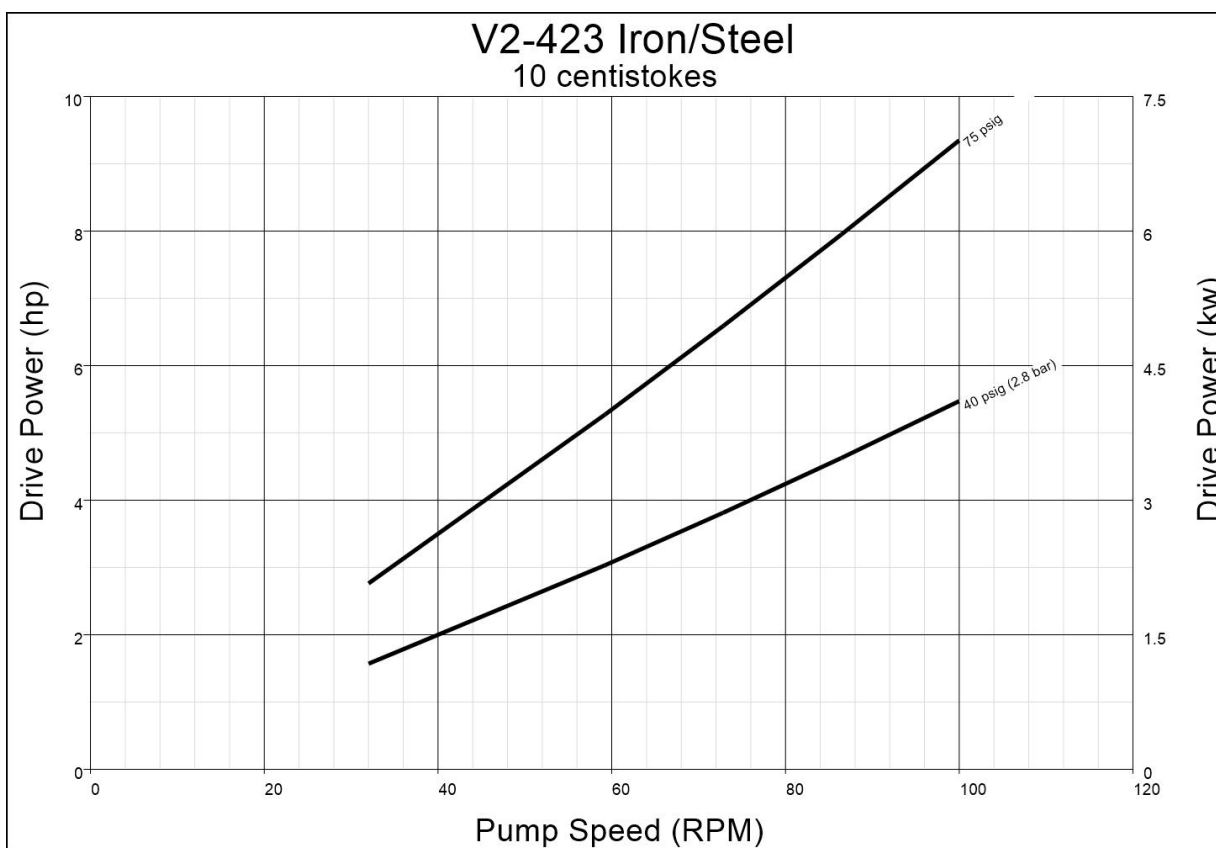
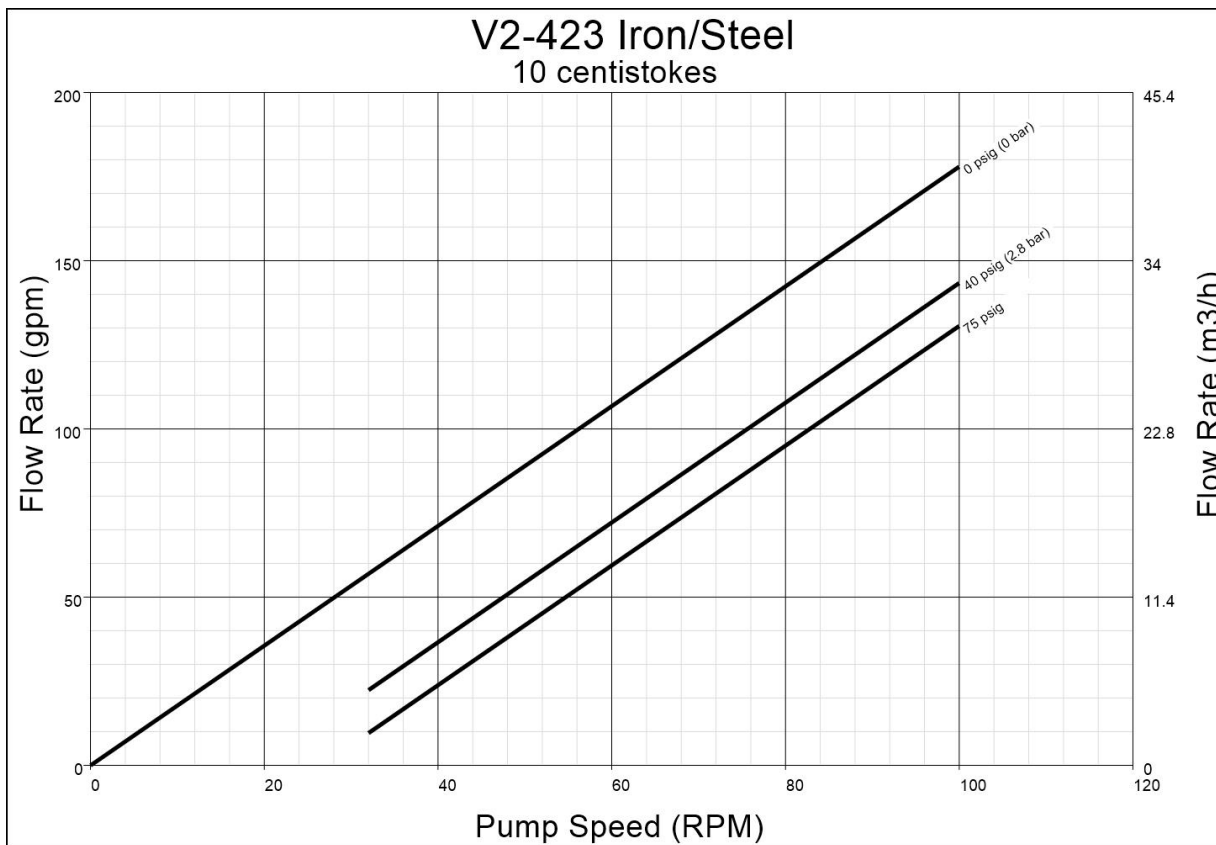


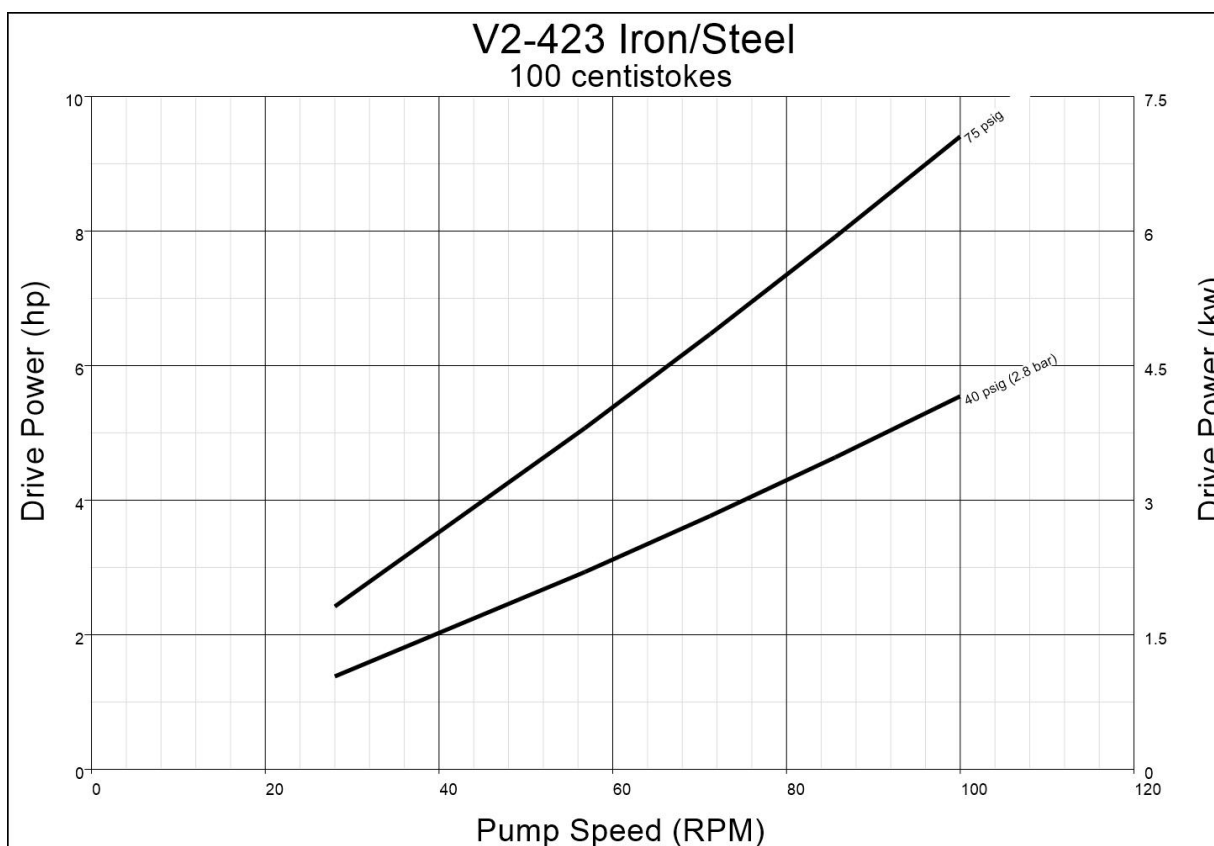
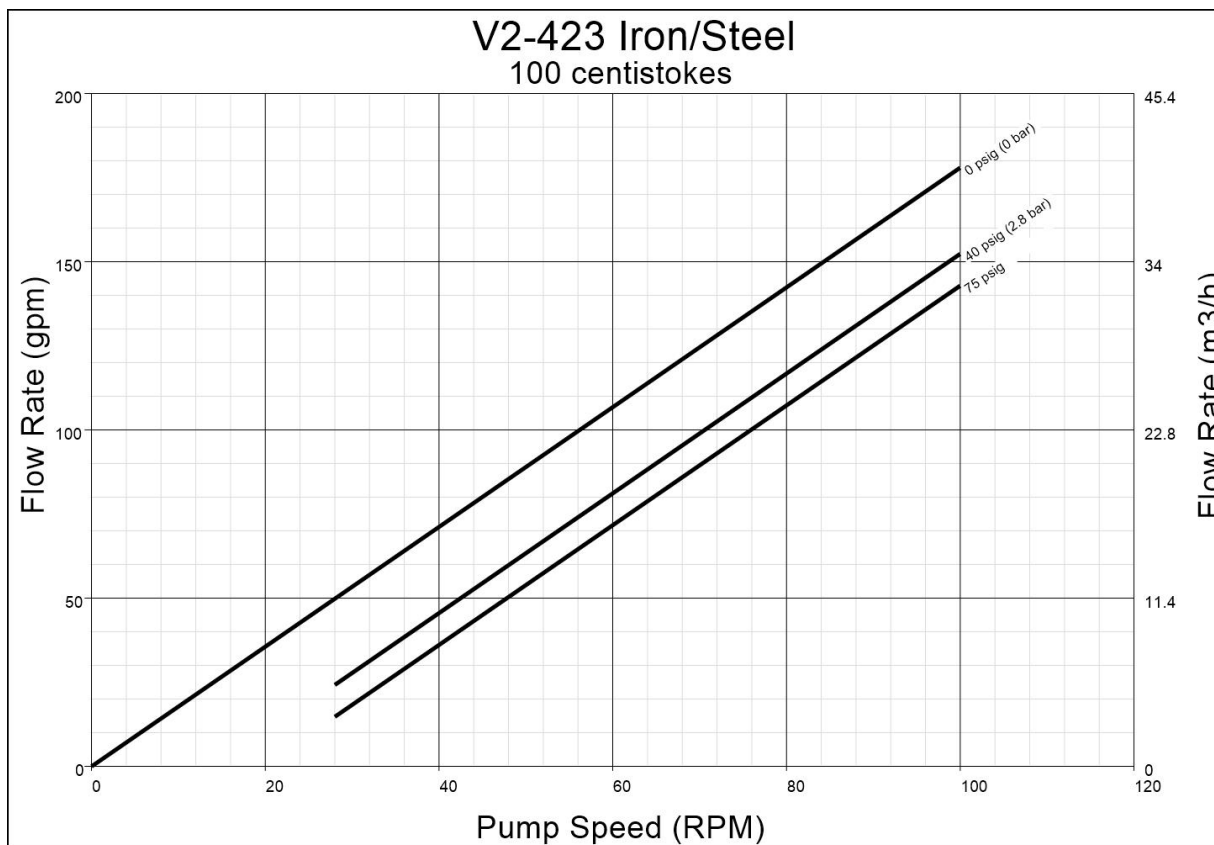


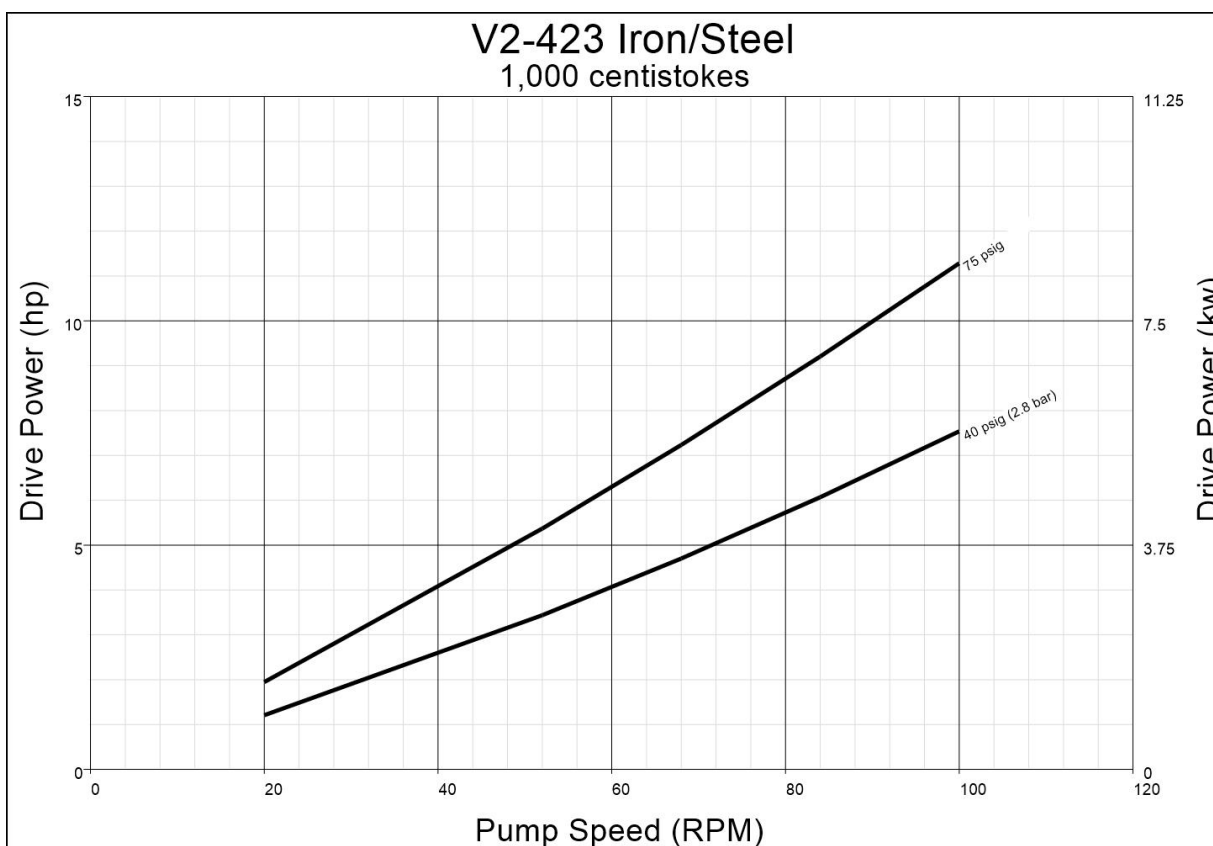
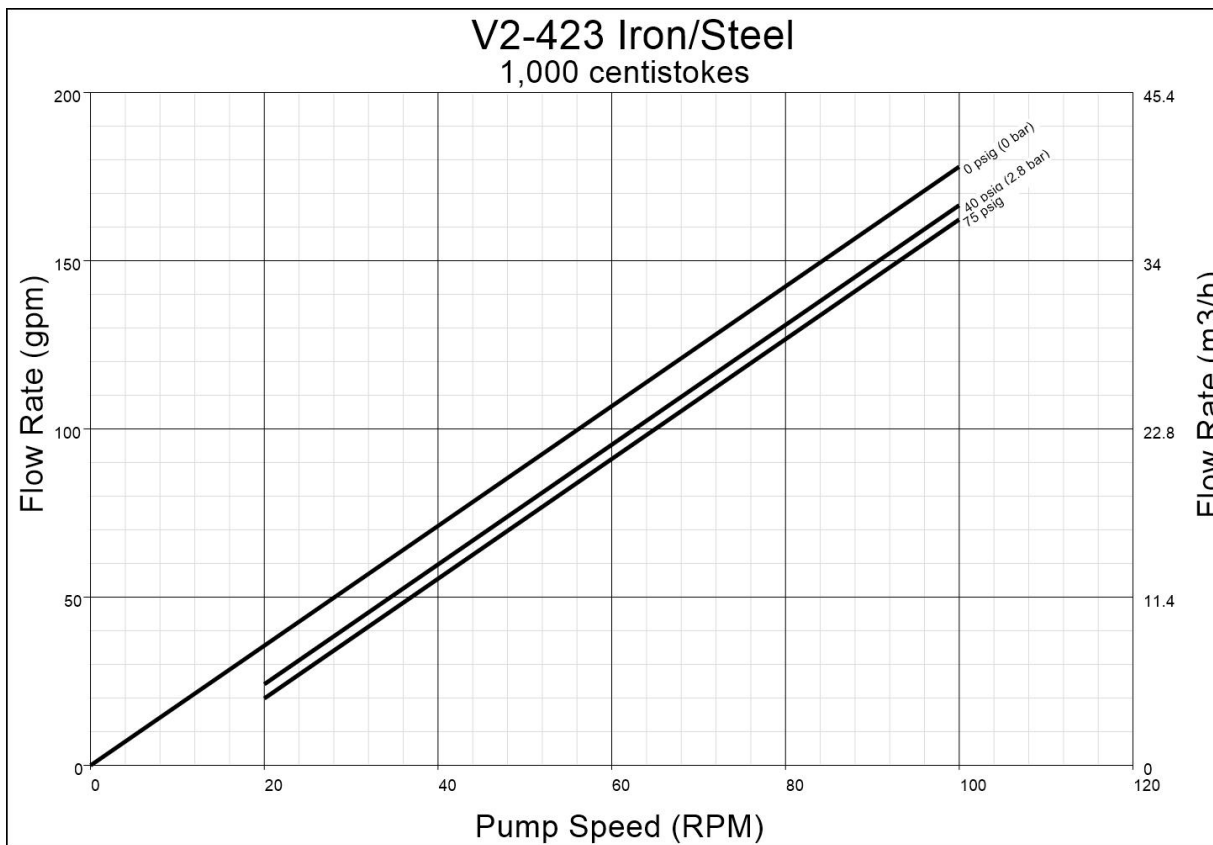












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