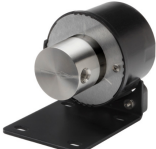
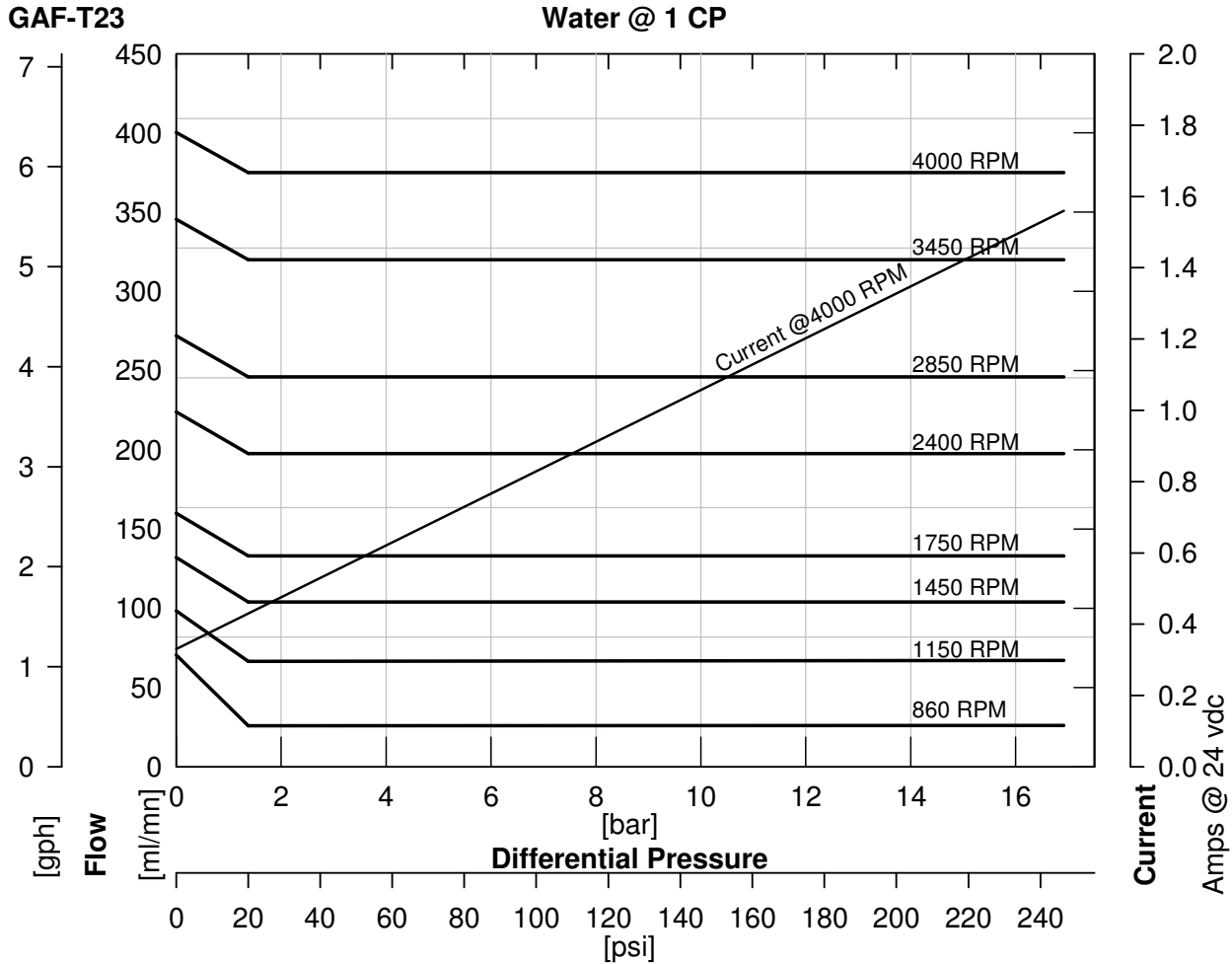


Order Code								Pump Construction	
Base Code		Gear Set		Drive Mount		Options			
G	AF	-	T23			SE			
1	2	3	4	5	6	7	8		
Model				Wetted Materials				O/C: Pump S/K: Service Kit	


**Performance**



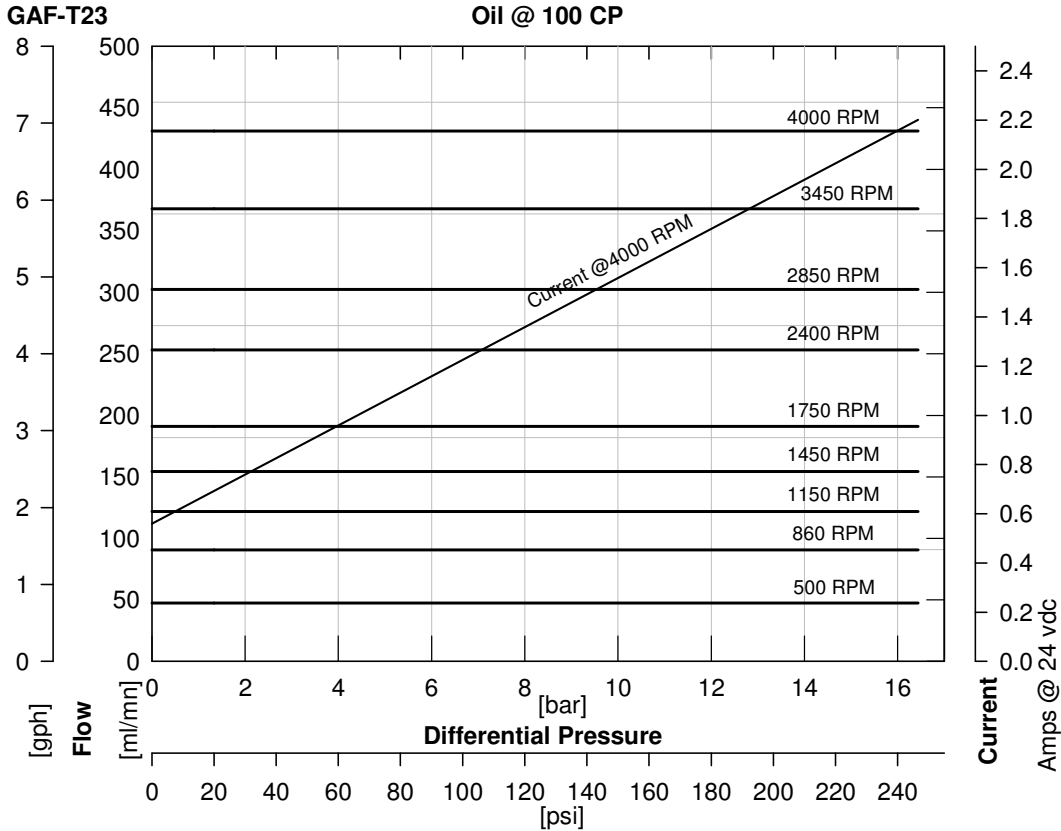
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<b>Order Code</b>				<b>Pump Construction</b>			
<b>Base Code</b>		Gear Set		Drive Mount		<b>Options</b>	
G	AF	-	T23	5	6	7	SE
1	2	3	4	5	6	7	8
Model				Wetted Materials			
				O/C: Pump S/K: Service Kit			



**Performance-High Viscosity**



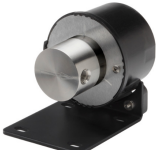
$$\text{Watts} = \frac{\text{Torque [mNm]} \times \text{Speed [RPM]}}{9555}$$

$$\text{HP} = \frac{\text{Torque [oz-in]} \times \text{Speed [RPM]}}{1.008 \times 10^6}$$

To calculate torque, multiply correction factor by torque from viscosity curve above.

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G	AF	-	T23	5	6	7	SE				
1	2	3	4	5	6	7	8				
Model				Wetted Materials			O/C: Pump S/K: Service Kit				

**Specifications**

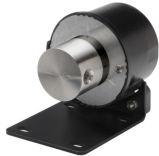
	SI	US
Displacement	0.092 ml/rev	0.02 gal/1000*rev
Max Flow (2 Pole Speed)	270 ml/mn 2850 RPM (50Hz)	5.1 gal/hr 3450 RPM (60Hz)
Max Differential Pressure	17.3 Bar	250 psi
Max System Pressure (MAWP)	21 Bar	300 psi
NIPR (Absolute)	180 mBar	2.5 psia
Wet Lift (Typical)	51 cm.H <sub>2</sub> O (1450 RPM)	24 in.H <sub>2</sub> O (1750 RPM)
Temp Range	-46/177 °C	-50/350 °F
Viscosity Range	0.2 to 1500 cp	0.2 to 1500 cp

Notes

- 1 Priming ability varies with operating conditions.

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<p><b>Order Code</b></p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;"><b>Base Code</b></td> <td style="width:15%; text-align: center;">Gear Set</td> <td style="width:15%;"></td> <td style="width:15%; text-align: center;">Drive Mount</td> <td style="width:15%;"><b>Options</b></td> </tr> <tr> <td style="border: 1px solid black; text-align: center;">G</td> <td style="border: 1px solid black; text-align: center;">AF</td> <td style="border: 1px solid black; text-align: center;">-</td> <td style="border: 1px solid black; text-align: center;">T23</td> <td style="border: 1px solid black; text-align: center;">SE</td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">8</td> </tr> <tr> <td colspan="4" style="text-align: center;">Model</td> <td style="text-align: center;">Wetted Materials</td> </tr> </table> <div style="border: 1px solid black; padding: 2px; width: fit-content; margin-top: 5px;">                 O/C: Pump                  S/K: Service Kit             </div>	<b>Base Code</b>	Gear Set		Drive Mount	<b>Options</b>	G	AF	-	T23	SE	1	2	3	4	8	Model				Wetted Materials	<p><b>Pump Construction</b></p> <div style="text-align: right; margin-top: 20px;">  </div>
<b>Base Code</b>	Gear Set		Drive Mount	<b>Options</b>																	
G	AF	-	T23	SE																	
1	2	3	4	8																	
Model				Wetted Materials																	

**Product Options**

**Base Code** Select a code character for each numbered position to configure the product.

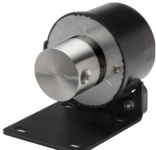
1	Code	Product Type	Specifications	Notes
	G	Gear Pump		
2	AF	Series GAF	Max System Pressure (MAWP) 21 Bar (300 psi) Ports 1/8-27 (F) NPT Side Ports	
4	T23	<b>Gear Set (Width/N°Gears/Pitch)</b> 0.125/2/40 (Hex Drive - Use P or J)	Displacement 0.092 ml/rev (0.02 gal/1000*rev) Max Differential Pressure 17.3 Bar (250 psi)	Driven Magnet (Standard) Neodymium (NdFeB)
5	J	<b>Gear Material</b> PEEK (carbon fiber/ptfe)	Max Differential Pressure	Temp Range
6	D	<b>Static Seals</b> EP		Temp Range
7	S	<b>Base Materials</b> SS316		

**Options** Add Option codes after the Base Code to modify features or enhance the product.

Notes

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<u>Order Code</u>	<u>Pump Construction</u>																														
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<b>Base Code</b>	Gear Set		Drive Mount	<b>Options</b>																											
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1	2	3	4	5																											
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**Dimensions**

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