

UNIBLOC[®]-GP

Sanitary Gear Pumps

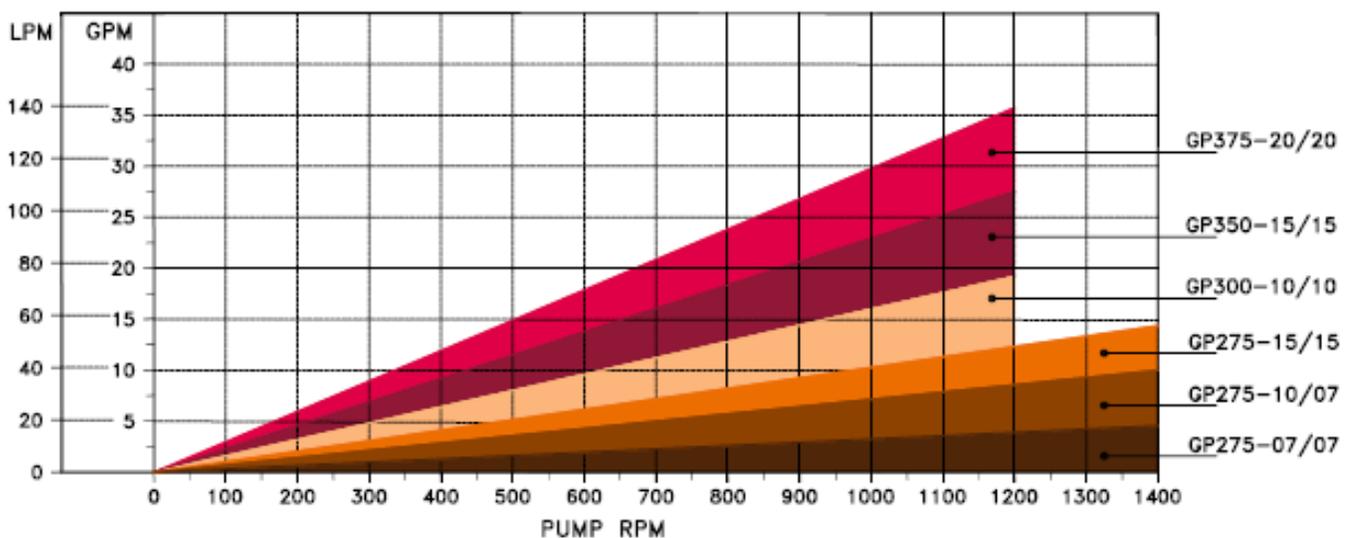
Flowtech Div., a UNIBLOC[®]-PUMP Inc. Company, has developed the UNIBLOC[®]-GP Gear Pumps as an alternative to the existing UNIBLOC[®]-PD.

Features of the UNIBLOC[®]-GP include:

- A non-pulsating flow
- Helical Cut Gears for smooth and quiet flow operation
- Sanitary **3A** Design, Third Party Verification (TPV)
- Sanitary Tri-Clamp porting in either Horizontal or Vertical orientation
- Port Sizes from ½" to 2"
- Capacity up to 36 GPM (137 LPM)
- All **FDA** approved materials
- Disassembly and assembly without the use of tools
- Interchangeable Gear Housings for multiple capacities and products
- Multiple Gearing Material Options for differing applications.
- Multiple Pump Sealing Options for different customer needs.
- Crevice Free Front Cover and Gear Housing for optimal cleanliness
- Pump Housing and Cover made of 316L Stainless
- Fully Machined Stainless or Anodized Aluminum Bearing Housing.



UNIBLOC[®]-GP SIZE 275-375 PUMP CAPACITY CHART



*Based on water (1 cP) Capacity vary +/- 5%

UNIBLOC®-GP300



UNIBLOC®-GP275



UNIBLOC®-GP350



	UNIBLOC®-GP PERFORMANCE SPECIFICATIONS					
UNIBLOC®-GP MODEL	275-15/15	275-10/07 *	275-07/07	300-10/10 **	350-15/15	375-20/20
CLAMP CONN. SIZE	1.5"	1.0" x 0.75"	0.75"	1.0"	1.5"	2.0"
NPTF CONN. SIZE	1.0"	----	----	1.0"	1.5"	2.0"
DESIGN CAPACITY gallon (liter)/100 rev.	1.0 (3.8)	0.7 (2.6)	0.3 (1.1)	1.6 (6.1)	2.3 (8.7)	3.0 (11.4)
MAX. SPEED (rpm)	1400			1200		
MAX. CAPACITY GPM (LPM)	14 (53.2)	9.8 (36.4)	4.2 (15.4)	19.2 (73.2)	27.6 (104.4)	36.0 (136.8)
PUMP HOUSING/COVER MATERIAL	316L STAINLESS					
GEAR MATERIALS	PLASTIC AND TEFLON COMPOUND					
MAX. DESIGN PRESS. @ 60°C, PSIG (BAR)	100 (6)			150 (10)	125 (8)	
MAX. DESIGN PRESS. @ 100°C, PSIG (BAR)	50 (3.5)					
SHAFT SEAL OPTIONS	single o-ring, single mechanical, lip seal			single & double o-ring, single mechanical, lip		

* - Optional 275-10/10 with 1.0" ports, ** - Optional 300-15/15 with 1.5" ports

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Distributor/Agent:



Patents Pending

Technical changes without notice
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FLOWTECH DIV.

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