



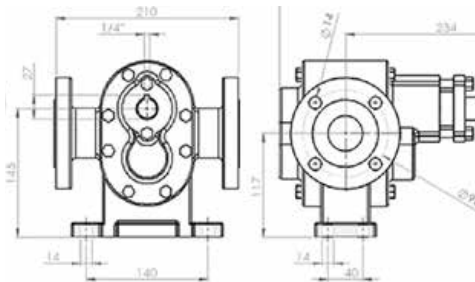
# GEAR PUMP 1.1/2" CAST IRON

*Amboretto  
Corporation*

# GEAR PUMP 1.1/2" CAST IRON



## Dimensional Drawing



## CAPACITY

- Maximum Flow: 11,000 liters/hour
- Maximum Pressure: 15-bar
- Maximum Rotation: 1750-RPM
- Viscosity: From 0,5 up to 200,000 cSt
- Maximum Temperature: Up to 350°C

## CHARACTERISTICS

- Flanged suction and retaining nozzles Ø 1.1/2" (Norm ANSI B16.1 150 lbs);
- Gears helical teeth or spurs;
- Gasket or mechanical seal;
- Sliding bearings in self-lubricating bushings;
- Construction in cast iron, stainless steel, carbon steel or special materials for applications according to customer specification.

## APPLICATIONS

- Pumping and transfer of fluids in general;
- Lubrication systems;
- Filtration systems;
- Supply units;
- Loading and unloading of tank tractors coupled to the power take-off
- Fluid circulation and recirculation systems;
- Feeding systems for lines, machinery and equipment;
- Dosing in industrial processes;
- Drainage of fluids;
- Systems of refrigeration of machinery and equipment;
- Hydraulics machinery and equipment in general;

## OPTIONAL

- Integrated relief valve; Bearing housings;
- Option for threaded suction and retaining nozzles
- Construction in special materials for specific applications  
Coupling; Motor-Pump Set

## FLOW TABLE

RPM, FLOW AND POWER		BOOSTER PRESSURE (KG/CM <sup>2</sup> )												
		0	2	4	6	8	10	12	14	16	18	20	22	
1750 RPM	FLOW	liters/hour	11000	10984	10966	10944	10922	10905	10881	10865				
		liters/minute	183.3	183.1	182.8	182.4	182.0	181.8	181.4	181.1				
		HP	4.00	4.00	4.00	5.00	7.50	7.50	10.00	10.00				
1150 RPM	FLOW	liters/hour	7800	7794	7780	7772	7774	7765	7753	7741				
		liters/minute	130.0	129.9	129.7	129.5	129.6	129.4	129.2	129.0				
		HP	5300	5293	5287	5289	5271	5265	5256	5243				
850 RPM	FLOW	liters/hour	88.3	88.2	88.1	88.2	87.9	87.8	87.6	87.4				
		liters/minute	4.00	4.00	4.00	5.00	7.50	7.50	10.00	10.00				
		HP	1.00	1.00	1.50	2.00	2.00	3.00	4.00	4.00				



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