



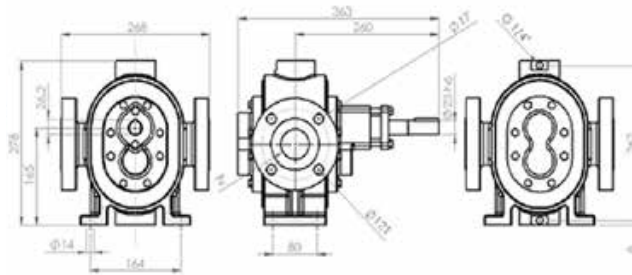
**GEAR PUMP 2"
WITH HEATING CHAMBER
AMB2X120CA**

*Amboretto
Corporation*

GEAR PUMP 2" WITH HEATING CHAMBER AMB2X120CA



Dimensional Drawing



CAPACITY

- Maximum Flow: 16,000 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 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.
- It has an integrated heating chamber for steam injection or thermal oil in order to avoid the solidification of the fluid in the internal parts of the pump;

APPLICATIONS

- Proper for pumping fluids that solidify as Asphalt, Chocolates, resins among others.
- Pumping and transfer of fluids in general;
- Lubrication systems;
- Filtration systems;
- Supply units;
- Loading and unloading of tank trucks 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;
 - Construction in special materials for specific applications
- Coupling; Motor-Pump Set

FLOW TABLE

RPM, FLOW AND POWER		BOOSTER PRESSURE (KG/CM ²)												
		0	2	4	6	8	10	12	14	16	18	20	22	
1750 RPM	FLOW	liters/hour	16000	15992	15985	15977	15962	15959	15941	15934				
		liters/minute	266.7	266.5	266.4	266.3	266.0	266.0	265.7	265.6				
		HP	5.00	5.00	5.00	7.50	7.50	10.00	12.50	12.50				
1150 RPM	FLOW	liters/hour	12100	12053	12000	11996	11983	11974	11966	11951				
		liters/minute	201.7	200.9	200.0	199.9	199.7	199.6	199.4	199.2				
		HP	5.00	5.00	5.00	7.50	7.50	10.00	12.50	12.50				
850 RPM	FLOW	liters/hour	1950	1935	923	1912	1901	1894	1885	1873				
		liters/minute	32.5	32.3	32.1	31.9	31.7	31.6	31.4	31.2				
		HP	1.00	1.00	1.50	2.00	2.00	3.00	4.00	4.00				



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