



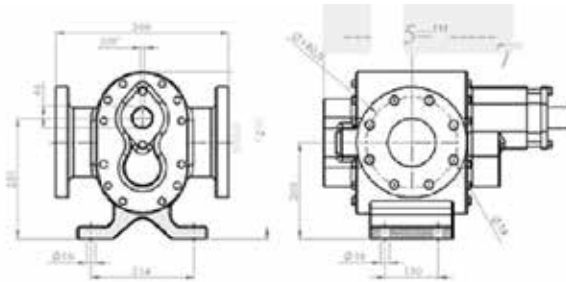
# GEAR PUMP 4" AMB4X180

*Amboretto  
Corporation*

# Gear Pump 4" AMB4X180



## Dimensional Drawing



## CAPACITY

- Maximum Flow: 81,000 liters/hour
- Maximum Pressure: 15-bar
- Maximum Rotation: 1150-RPM
- Viscosity: From 0,5 up to 200,000 cSt
- Maximum Temperature: Up to 350°C

## CHARACTERISTICS

- Flanged suction and retaining nozzles Ø 4"
- (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; 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	
1150 RPM	FLOW	liters/hour	81000	80990	80980	80970								
		liters/minute	1350.0	1349.8	1349.7	1349.5								
		HP	20.00	25.00	30.00	35.00								
850 RPM	FLOW	liters/hour	60000	59992	59987	59973								
		liters/minute	1000.0	999.9	999.8	999.6								
		HP	20.00	25.00	30.00	35.00								



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