



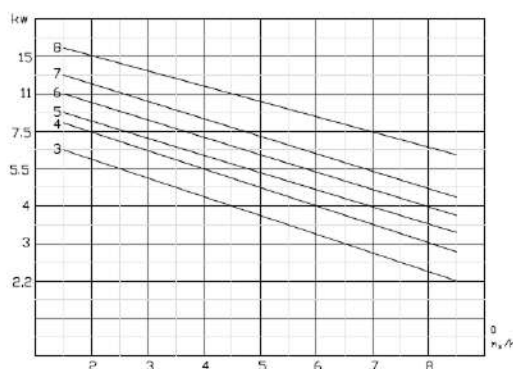
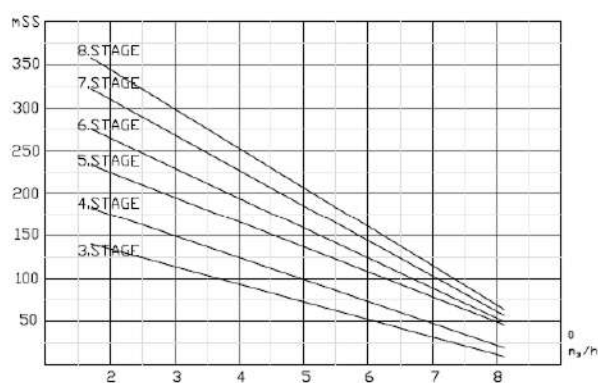
The Europump EP 50-3X is a self-priming side channel pump designed to handle gas and liquids, operating quietly. It excels in pumping clean liquids under challenging suction conditions, even with positive suction heads below 0.5m. With its fully open "star" impellers, this pump offers efficient energy transfer, resulting in a 5 to 10 times higher pressure increase compared to a similar-sized centrifugal pump at the same RPM. Its versatility makes it ideal for pumping liquefied gases, liquids under vapor pressure, refrigerants, and various applications.

- Self-priming capability
- High-pressure performance at low capacity
- Efficient handling of liquefied gases
- Constructed with high-resistant materials
- Characteristic performance curve
- High efficiency
- Low NPSH value
- Modular hydraulic system
- Capability to pump vapor-laden liquids (up to 50% concentration)

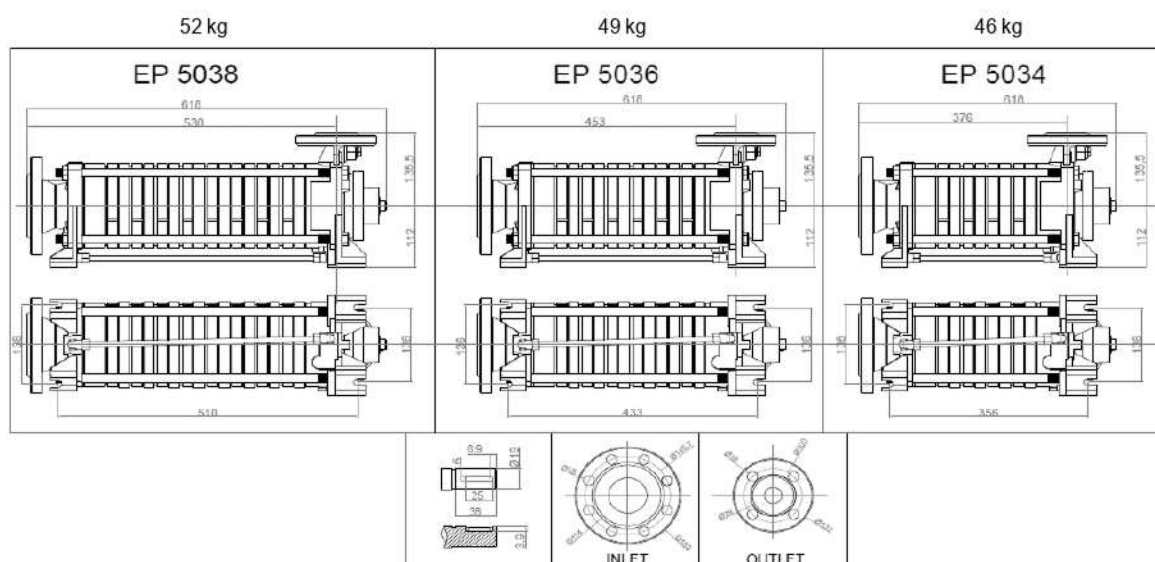
## Technical Specifications

Capacity:	from 3.6 up to 7.5 m <sup>3</sup> /h
Delivery head:	from 40 up to 210 m
Speed:	1450 rpm
Temperature:	max. 120 °C
Pressure Class:	PN 40
Shaft sealing:	Mechanical seal
Flange connections:	DIN 2501 / PN 40
Direction of rotation:	Anti-clockwise

## Performance Curves



## Dimensions



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[www.europump.com](http://www.europump.com)