

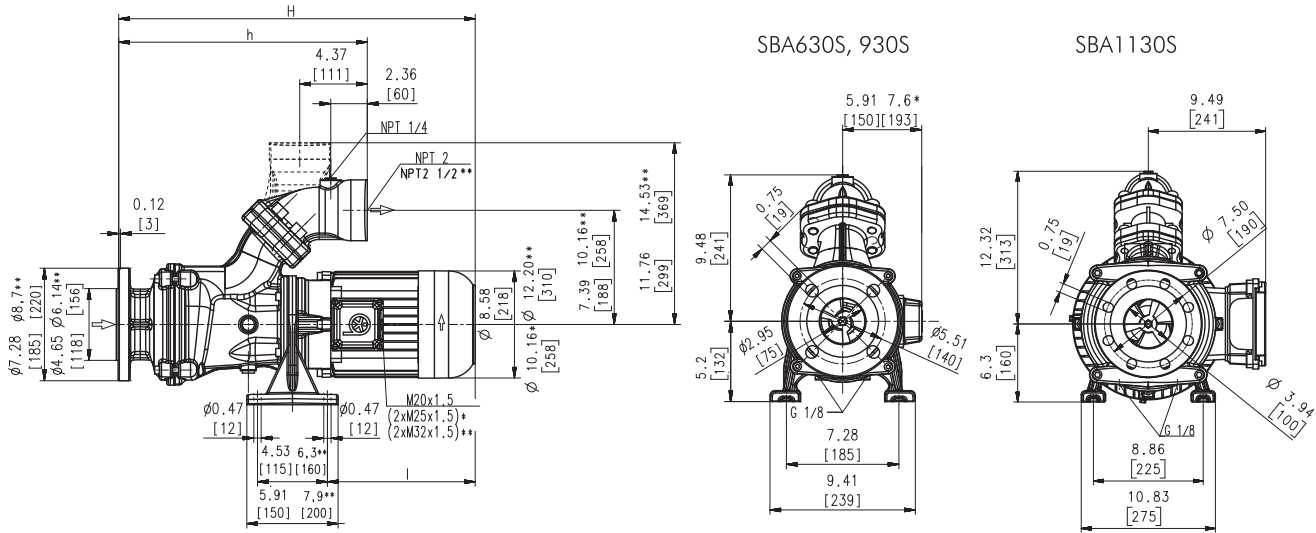
# Horizontal End-Suction Pumps

## SBA630S...1130S

Axial/semi-open impellers



### SBA630S...1130S



Dimensions in Inches / mm

\*) Dimensions SBA930S

\*\*) Dimensions SBA1130S

Type	Flow at head	Dimensions				Length		Weight		Power	Voltage	Fre-	Current	Speed
	GPM /Feet l/min /m	H inch	H mm	h inch	h mm	l Inch	l mm	Lbs	kg	HP kW	3 ~ V	quency Hz	AMPS	RPM
<b>SBA630S</b>	200/60	27.6	701	16.1	408	14.1	358	145.5	66	7.7	230	60	19.0	3520
	800/16									5.75	460	60	9.5	3520
<b>SBA930S</b>	250/65	29.4	746	16.2	412	15.7	399	158.8	72	10	230	60	23.0	3545
	1000/18									7.48	460	60	11.5	3545
<b>SBA1130S</b>	450/75	31.6	802	19.5	495	16.6	422	291	132	16.9	230	60	39.2	3560
	1700/24									12.6	460	60	19.6	3560



**Horizontal End-Suction Pumps**

are centrifugal inline pumps with a compact design where the impeller is mounted onto the extended motor shaft. These pumps are not self-priming and must be gravity fed. All pumps are equipped with a single mechanical seal. Upon request a second mechanical seal is available to allow for dry-running (-GD). This pump series is designed for horizontal installations next to a tank and for pumping **air entrained coolant** fluids, such as **water-soluble coolants or cutting oils**, as they occur in **high speed turning, milling or grinding applications**. The SBA pumps are equipped with the user-friendly 45 degree **flange** connection which allows for either vertical or horizontal pipe connection and the connection of a pressure gauge with NPT 1/4. For more information see mechanical features within the technical information section.

**Applications**

- Types of fluid
  - coolants
  - cooling/cutting oils
- Kinematic viscosity
  - ...200 SSU (...45 mm<sup>2</sup>/s)
- Pumping temperature
  - 30...175 °F (0...80 °C)

**Construction**

Pump body	cast iron
Cover	cast iron
Impeller axial	cast steel
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC
Noise level (Motor only; Tolerance +3 dBA)	
SBA630S	73 dBA
SBA930S	75 dBA
SBA1130S	80 dBA
Optional: Low noise version (-3 to -5 dBA)	

