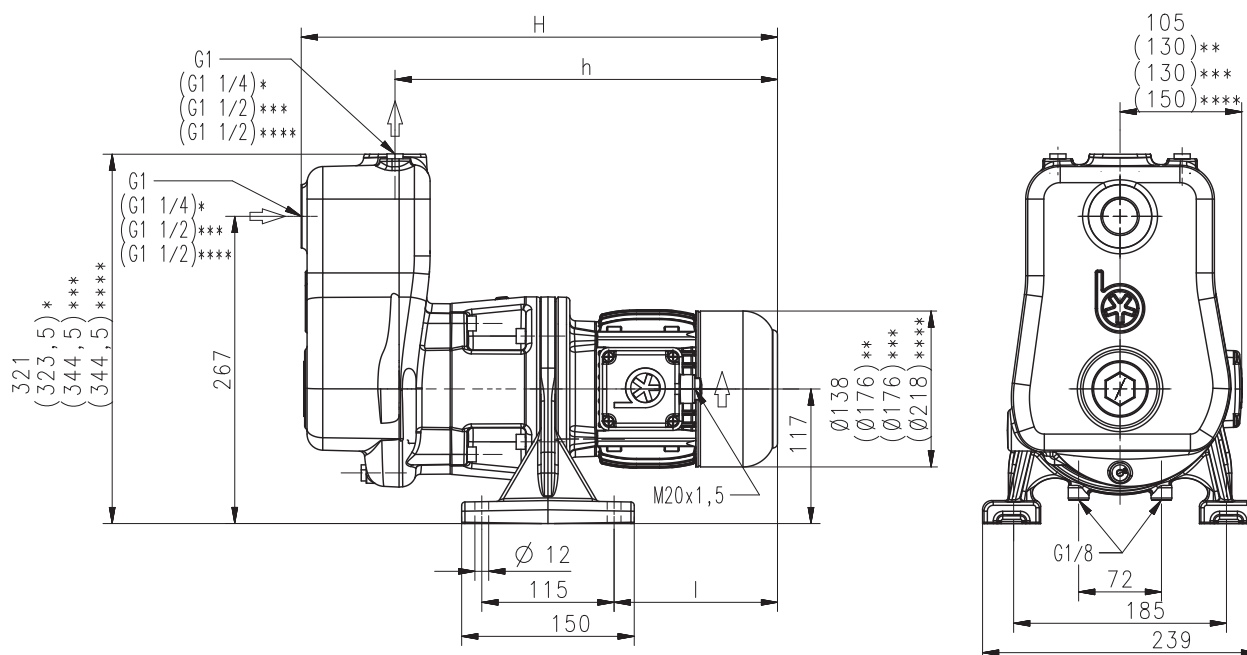


Horizontal End-Suction Pumps

SBM140...450

Semi-open impellers

SBM140...450



- *) Dimensions for SBM315, SBM315/60 Hz
 **) Dimensions for SBM315/60Hz
 ***) Dimensions for SBM450
 ****) Dimensions for SBM450/60Hz

Type	Vol. del. at manom. del. head	Dimensions		Length	Weight	Power	Voltage 3 ~	Fre- quen- cy	Current	Speed
	l/min / m	H mm	h mm	l mm	kg	kW	V	Hz	A	1/min
SBM140	100/8	460	373	183	28.5	0.63	220-240 380-415	50 50	2.70 1.56	2850 2850
SBM140/60Hz	120/12	461	375	184	29	1.06	460	60	2.1	3440
SBM315	200/9	497	399	211	32	1.1	220-240 380-415	50 50	4.33 2.50	2850 2850
SBM315/60Hz	240/14	542	444	256	46	1.95	460	60	3.5	3480
SBM450	240/15	586	476	289	48	1.9	220-240 380-415	50 50	6.84 3.95	2900 2900
SBM450/60Hz	270/24	625	515	328	55	3.8	460	60	6.4	3520

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 **self-priming after initial filling**.

All pumps are equipped with a single mechanical seal.

SBM Pumps are mounted **next to or on top** of the tank and they are suitable 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**.

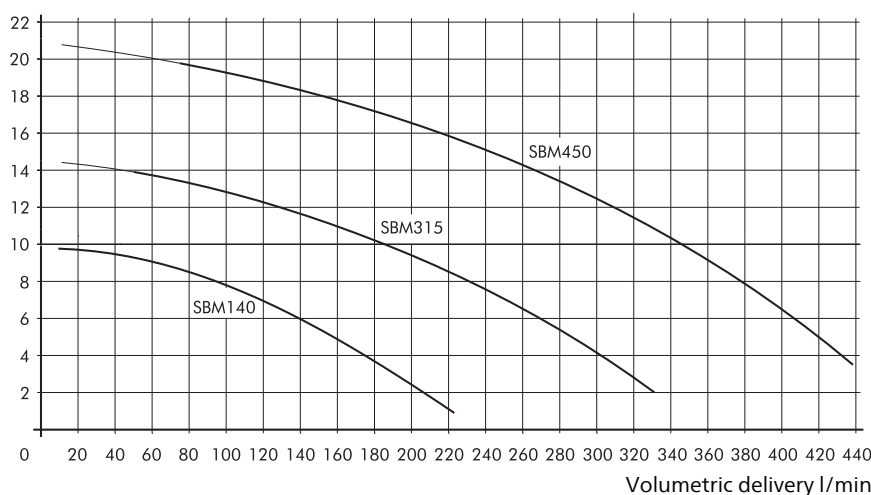
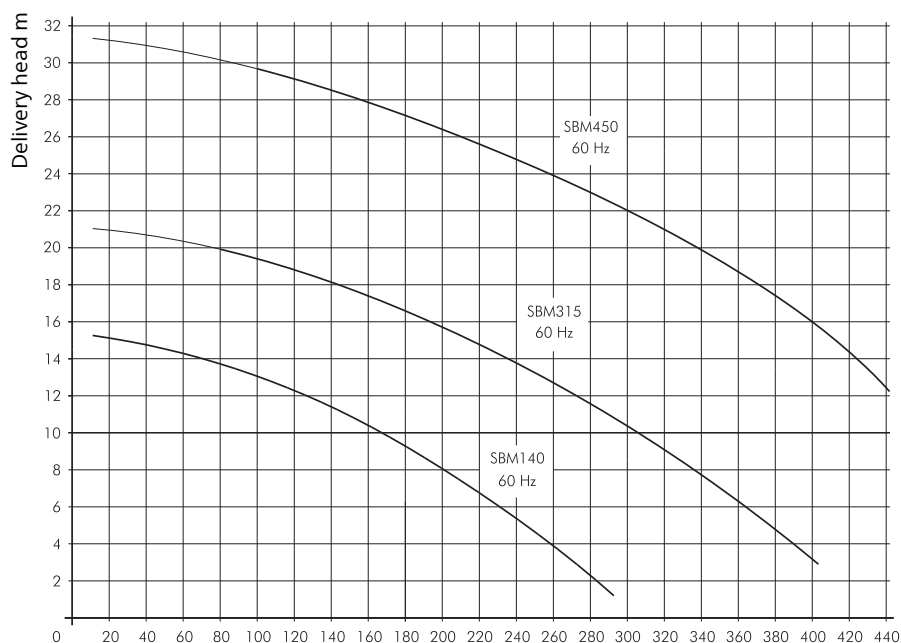
For more information see mechanical features within the technical information section.

Applications

Types of fluid
coolants
cooling/cutting oils
Kinematic viscosity
...45 mm²/s (45 cSt)
Pumping temperature
0...60° C
Suction height
5 m

Construction

Cover	cast iron
Impeller radial	cast steel
Shaft	steel
Mechanical seal	SiC



Horizontal End-Suction Pumps



SBM140...450

Semi-open impellers





Horizontal End-Suction Pumps



SBM140...450

Semi-open impellers





Horizontal End-Suction Pumps



SBM140...450

Semi-open impellers



