

Block pumps SBBlock pumps SBBlock pumps SB

A401 ... 403 A401 ... 403 A401 ... 403



Axial / semi-open impellers

Block **pumps** are centrifugal pumps in a compact block design, in which the impeller sits on the extended motor shaft. The pumps are standard suction, the funding must flow.

As standard, they are equipped with a simple mechanical seal.

A dry run-proof version (-GD) with double mechanical seal is available on request.

They are mounted next to and under the container and are suitable for the conveyance of **air-** containing **cooling lubricants** (emulsions or cooling and cutting oils), such as those that occur with high machining through turning, milling or grinding.

SBA series with **SAE flange** optionally for vertical or horizontal pipe connection with **G ¼ pressure gauge connection**

For further information see technical information mechanical.

 [data sheet](#)

 [operation manual](#)

 [Inquiry form](#)

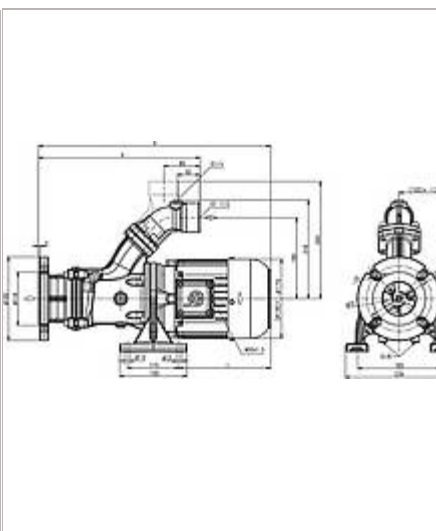
 [CAD technical drawing 2D / 3D](#)

 [Technical information](#)

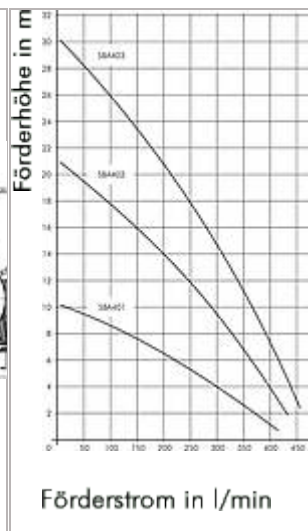




SBA401 ... 403



Technical drawing



Characteristics

Field of application

Media

Cooling emulsions cooling and cutting oils

Kinematic viscosity

... 45 mm² / s (45 cSt)

Delivery temperature

0 ... 80 ° C

execution

Pump body

Cast iron

cover

Cast iron

Axial impeller

Cast steel

Radial impeller

Cast steel

wave

stole

Mechanical seal

SiC

Sound pressure

62 dBA (SBA401)
66 dBA (SBA402
... SBA403)

Technical specifications

Type	Flow at head	Measure	length	overall weight	Leistung	Chip voltage	frequency	electricity	rotary speed
	l / min / m	H mm	h mm l mm	kg	kW	V	Hz	A	1 / min
SBA401 CAD	200/6	497	360184	31.0	0.92	220-240	50	3.8	2840
						380-415	50	2.2	2840

					1.06	460	60	2.1	3440
SBA402	CAD	200/14592	409230	39.0	1.5	220-240	50	5.5	2880
						380-415	50	3.2	2880
					1.75	460	60	3.1	3470
SBA403	CAD	200/20700	458289	47.0	2.2	220-240	50	7.8	2890
						380-415	50	4.5	2890
					2.55	460	60	4.4	3480