

VGX / 2 VGX



Field of application

- > Freshwater
- > As a rinsing pump for smaller units

Design

Monoblock pump with surface-cooled motor, extended motor shaft to accommodate the impellers, shaft seal in the form of a mechanical seal, configured for constant operation. 1~ 230 V built-in overload protection.

Pumped fluid

Clear, moderately aggressive fluids, which don't chemically and mechanically attack the pump materials.

Materials used

Pump housing stainless steel AISI 304
 Impellers stainless steel AISI 304
 Shaft stainless steel AISI 303
 Engine mount die cast aluminium
 Elastomers NBR
 Mechanical seal carbon/ceramic

Type key

2 VGX 12/30

VGX 1 stage pump type

2 VGX 2 stage pump type

12/30 pump size

Motors with special voltages and frequencies available on request.

Technical data at 50 Hz		7/5	7/7	9/10	12/7
Inlet/outlet connection (Rp ²⁾)		1¼/1	1¼/1	1¼/1	1¼/1
Power input P ₁ (kW)	1~ 230 V	0.65	0.95	1.15	0.95
Power input P ₁ (kW)	3~ 400/230 V	0.71	0.91	1.05	0.91
Power output P ₂ (kW)	1~ 230 V	0.45	0.75	0.90	0.75
Power output P ₂ (kW)	3~ 400/230 V	0.37	0.55	0.75	0.55
Idle speed (rpm)		2850	2850	2850	2850
Frequency (Hz)		50	50	50	50
Rated current (A)	1~ 230 V	3.00	4.50	5.30	4.50
Rated current (A)	3~ 400/230 V	1.40/2.40	1.70/3.00	1.90/3.30	1.70/3.30
Max. operating pressure (bar)		8	8	8	8

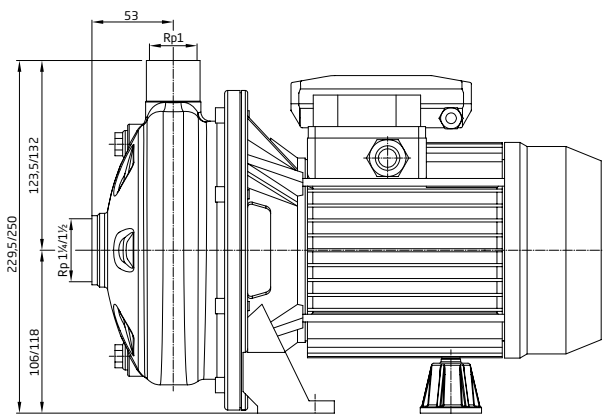


Technical data at 50 Hz			12/12	12/20	20/12	20/20	20/25
Inlet/outlet connection (Rp ²⁾)			1¼/1	1¼/1	1½/1	1½/1	1½/1
Power input P ₁ (kW)	1~ 230 V		1.60	2.10	1.40	2.30	-/-
Power input P ₁ (kW)	3~ 400/230 V		1.34	2.01	1.34	2.01	2.55
Power output P ₂ (kW)	1~ 230 V		0.90	1.50	0.90	1.50	1.80
Power output P ₂ (kW)	3~ 400/230 V		0.90	1.50	0.90	1.50	1.80
Idle speed (rpm)			2850	2850	2850	2850	2850
Frequency (Hz)			50	50	50	50	50
Rated current (A)	1~ 230 V		5.50	8.90	5.50	9.00	-/-
Rated current (A)	3~ 400/230 V		2.50/4.30	4.10/7.10	2.50/4.30	4.10/7.10	4.70/8.20
Max. operating pressure (bar)			8	8	8	8	8
Technical data at 50 Hz			7/10	7/12	7/15	7/20	12/15
Inlet/outlet connection (Rp ²⁾)			1¼/1	1¼/1	1¼/1	1¼/1	1¼/1
Power input P ₁ (kW)	1~ 230 V		1.30	1.55	1.80	2.30	1.80
Power input P ₁ (kW)	3~ 400/230 V		1.11	1.34	1.77	2.30	1.77
Power output P ₂ (kW)	1~ 230 V		0.75	0.90	1.10	1.50	1.00
Power output P ₂ (kW)	3~ 400/230 V		0.75	0.90	1.10	1.50	1.00
Idle speed (rpm)			2850	2850	2850	2850	2850
Frequency (Hz)			50	50	50	50	50
Rated current (A)	1~ 230 V		6.00	7.00	8.10	10.0	8.30
Rated current (A)	3~ 400/230 V		2.00/3.40	2.50/4.30	3.30/5.80	4.50/7.80	3.30/5.80
Max. operating pressure (bar)			8	8	8	8	8
Technical data at 50 Hz		12/20	12/30	12/40	20/30	20/40	20/50
Inlet/outlet connection (Rp ²⁾)		1¼/1	1¼/1	1¼/1	1½/1	1½/1	1½/1
Power input P ₁ (kW)	1~ 230 V	2.35	-/-	-/-	-/-	-/-	-/-
Power input P ₁ (kW)	3~ 400/230 V	2.30	2.55	3.44	3.44	3.76	4.52
Power output P ₂ (kW)	1~ 230 V	1.50	2.20	3.00	2.20	3.00	3.70
Power output P ₂ (kW)	3~ 400/230 V	1.50	2.20	3.00	2.20	3.00	3.70
Idle speed (rpm)		2850	2850	2850	2850	2850	2850
Frequency (Hz)		50	50	50	50	50	50
Rated current (A)	1~ 230 V	10.2	-/-	-/-	-/-	-/-	-/-
Rated current (A)	3~ 400/230 V	4.50/7.80	4.70/8.20	6.40/11.10	6.40/11.10	6.50/11.20	8.70/15.10
Max. operating pressure (bar)		8	8	8	8	8	8

For detailed technical data regarding motors/devices please see page 66.

Technical data may vary.

Dimensions VGX



Detailed dimensions available on request.