Corex
POOL PRODUCTS

SLIENT SWIM

Pool Pump

PRODUCT OVERVIEW

Single-stage centrifugal pool pump with a large integrated prefilter, self-priming capability and thermal motor protection. For fresh and saltwater pool applications.



KEY FEATURES & BENEFITS

Single-stage centrifugal design
Designed to reduce vibration and operating noise.

Self-priming capability
Maximum suction lift 2.5 m.

Large integrated prefilter
Traps debris before it enters the hydraulic system.

Engineering thermoplastic
High-strength, corrosion-resistant construction.

Motor protection
IP55 protection, Class F insulation and built-in thermal protection.

Compact installation
Standard suction and discharge fittings.

SLIENT SWIM MODEL FAMILY

CX-20601	CX-20602	CX-20603
		
0.75 HP 0.55 kW	**1.0 HP** 0.75 kW	**1.5 HP** 1.1 kW
QMax: 255 l/min HMax: 10 m	QMax: 340 l/min HMax: 12.5 m	QMax: 390 l/min HMax: 17.5 m

Series reference image.

POWER (P1)	QMax	HMax	FITTINGS	SUPPLY
0.55–1.1 kW	255 / 340 / 390 l/min	10 / 12.5 / 17.5 m	1.5 inch	220 - 240/50 V/Hz

Note: QMax and HMax are separate maxima.

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SLIENT SWIM

Model Range & Detailed Specifications



The Slient Swim series offers single-phase pool pumps for residential and light commercial circulation. Single-stage centrifugal design with integrated prefilter and durable construction for reliable daily operation.

SLIENT SWIM MODEL FAMILY

CX-20601	CX-20602	CX-20603
		
0.75 HP	**1.0 HP**	**1.5 HP**
0.55 kW	0.75 kW	1.1 kW

Series reference image.

DETAILED MODEL SPECIFICATIONS

C-Code	V/Hz	P1 kW	HP	AMPS
CX-20601	220 - 240/50	0.55	0.75	2.7
CX-20602	220 - 240/50	0.75	1.0	3.8
CX-20603	220 - 240/50	1.1	1.5	5.8

C-Code	QMax (l/min)	HMax (m)	Curves	Fitting (inch)	Packing size (mm)	Qty/20’
CX-20601	255	10	1	1.5”	560 x 275 x 390	483
CX-20602	340	12.5	2	1.5”	560 x 275 x 390	483
CX-20603	390	17.5	3	1.5”	560 x 275 x 390	483

TECHNICAL HIGHLIGHTS

- Single-stage centrifugal design
- Large integrated prefilter
- Maximum self-priming suction 2.5 m
- Single-phase motor with built-in thermal protection
- IP55 protection / Class F insulation

WORKING CONDITIONS & SOURCE NOTES

WORKING CONDITIONS

Medium temperature: 5-50 °C
Environmental temperature: below 60 °C
Maximum working pressure: 0.3MP*

SOURCE NOTES

QMax and HMax are separate maxima.
*Pressure unit is reproduced as printed; confirmation of the unit is required.
Product image represents the series.

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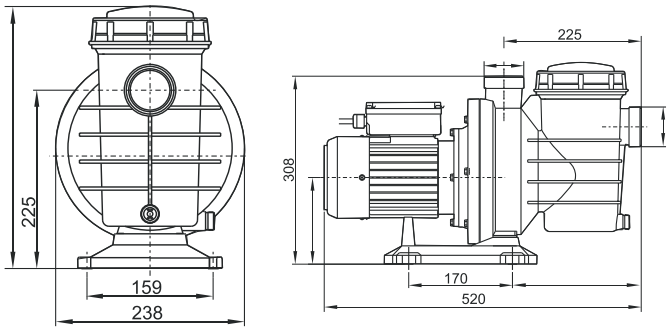
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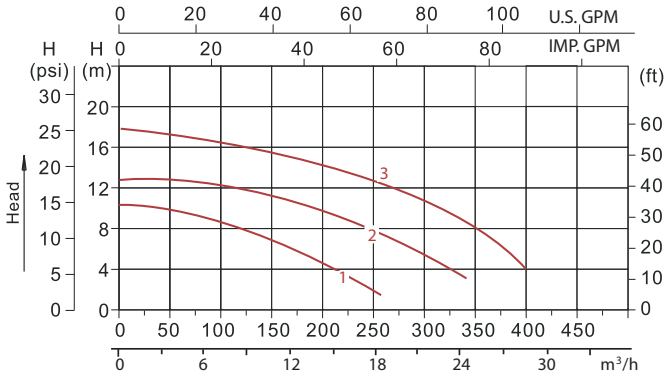
PRODUCT OVERVIEW

Single-stage centrifugal pool pump with integrated prefilter. Single-phase motor with built-in thermal protection.

ENGINEERING DRAWINGS



PERFORMANCE CURVES



Curve 1: CX-20601 | Curve 2: CX-20602 | Curve 3: CX-20603

MOTOR

- Asynchronous, two poles
- IP55 protection
- Class F insulation
- Continuous operation
- Single phase with built-in thermal protection
- Motor frame 71

CONSTRUCTION

- High-temperature bearings
- Complete separation of water and axis
- KLIXON thermal protector from TI, USA
- Maximum self-priming suction 2.5 m

WORKING CONDITIONS

- Medium temperature 5-50 °C
- Environmental temperature below 60 °C
- Maximum working pressure 0.3MP*

*Pressure unit reproduced as printed in source; confirmation required. Drawing labels and performance curves are reproduced from the original catalog.

DATA SUMMARY

C-Code	Curve	QMax (l/min)	HMax (m)	P1 (kW)	HP	AMPS
CX-20601	1	255	10	0.55	0.75	2.7
CX-20602	2	340	12.5	0.75	1.0	3.8
CX-20603	3	390	17.5	1.1	1.5	5.8

DESIGN PROOF

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SLIENT SWIM

Materials of Construction & Key Benefits

High-strength engineering thermoplastics, corrosion-resistant components and an integrated prefilter support daily pool circulation.



1 MATERIALS OF CONSTRUCTION

ENGINEERING THERMOPLASTICS
Pump construction resists pool chemicals and corrosion.

STAINLESS STEEL MOTOR SHAFT
Rustproof shaft as described in the source catalog.

MECHANICAL SEAL
Wear-resistant mechanical seal (SUS316), suitable for fresh water and sea water.

BEARINGS
High-temperature bearings with sealed-bearing construction as described in the source catalog.

2 CONSTRUCTION FEATURES

INTEGRATED PREFILTER
Collects debris before the pump.

SERVICE ACCESS
Prefilter designed for cleaning and maintenance.

THERMAL PROTECTION
Single-phase motor with built-in thermal protector as described in the source catalog.

MOTOR SPECIFICATION
Asynchronous two-pole motor, frame 71; IP55 protection and Class F insulation as described in the source catalog.

3 KEY BENEFITS

POOL COMPATIBILITY
Freshwater and saltwater pools.

APPLICATION RANGE
Residential and commercial pool circulation.

CONTINUOUS OPERATION
Motor specified for continuous service.

SELF-PRIMING
Maximum suction 2.5 m as described in the source catalog.

COMPACT INSTALLATION
Standard suction and discharge fittings.

4 KEY BENEFITS

CORROSION RESISTANCE
Pump construction resists pool chemicals and corrosion.

PREFILTER ACCESS
Prefilter designed for cleaning and maintenance.

THERMAL PROTECTION
Single-phase motor with built-in thermal protector.

SLIENT SWIM MODEL FAMILY

CX-20601	CX-20602	CX-20603
		
0.75 HP	**1.0 HP**	**1.5 HP**
0.55 kW	0.75 kW	1.1 kW

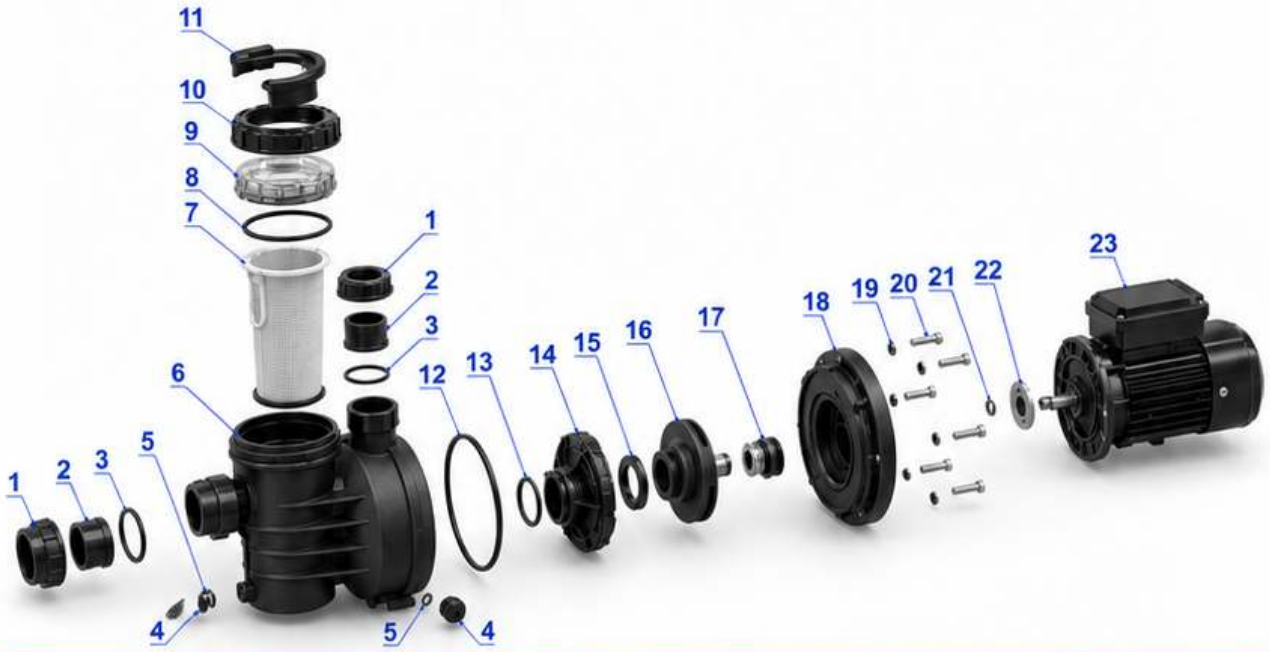
Series reference image.

SLIENT SWIM

Component Identification & Exploded View



Numbered component reference for the Slient Swim pump assembly.



COMPONENT PARTS IDENTIFICATION

ITEM	COMPONENT DESCRIPTION	ITEM	COMPONENT DESCRIPTION
1	Tie-in Nut	13	O-Ring
2	Tie	14	Diffuser
3	O-Ring	15	Activities Rings
4	Drainge Plug	16	Impeller
5	O-Ring	17	Mechanical seal
6	Pump Casing	18	Pump Cover
7	Filter	19	Pad
8	O-Ring	20	Hexagon bolt
9	Transparent cover	21	O-Ring
10	Gland cover of transparent cover	22	Retaining block
11	Open cover hand	23	Motor
12	O-Ring		

Source-guided photorealistic illustration. Component names and item numbers follow the original catalog.