Corex
POOL PRODUCTS

MARATHON MAX

Pool Pump



PRODUCT OVERVIEW

Pool circulation pump with a heavy-duty thermoplastic housing, stainless steel motor shaft and integrated pre-filter. Designed for residential and commercial pool applications.

KEY FEATURES & BENEFITS

Heavy-duty thermoplastic housing
Durable thermoplastic construction for long-lasting performance.

Stainless steel motor shaft
Corrosion-resistant shaft for enhanced durability.

Sealed bearings
Designed to reduce maintenance and support reliable operation.

Large pre-filter and oversized strainer basket
Captures debris and helps maintain cleaner pool water.

Clear lid for visual inspection
Transparent lid allows easy inspection of the strainer basket.

Integrated thermal protection
Motor includes thermal protection for added safety.

MARATHON MAX MODEL FAMILY

SINGLE PHASE		THREE PHASE	
			
CX-20401	1.0 HP	CX-20404	1.0 HP
CX-20402	2.0 HP	CX-20405	2.0 HP
CX-20403	3.0 HP	CX-20406	3.0 HP

POWER
1.0 / 2.0 / 3.0 HP

FLOW
16.4 / 23.0 / 35.0 m^3/h

H.M.W.C
10 / 12 / 14

SHAFT OPTION
Optional 316SS for saltwater pools.

DESIGN PROOF

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POOL PRODUCTS

MARATHON MAX

Model Range & Detailed Specifications

Six models combine single-phase and three-phase options with 1.0, 2.0 and 3.0 HP ratings.



MODEL RANGE & PERFORMANCE

C-Code	Power (P1) HP	H.M.W.C	Flow m³/h	Max dB(A)
CX-20401	1.0 (Single Phase)	10	16.4	65
CX-20402	2.0 (Single Phase)	12	23.0	70
CX-20403	3.0 (Single Phase)	14	35.0	70
CX-20404	1.0 (Three Phase)	10	16.4	65
CX-20405	2.0 (Three Phase)	12	23.0	70
CX-20406	3.0 (Three Phase)	14	35.0	70

DIMENSION REGISTER — A TO K

C-Code	A	B	C	D	E	F	G	H	I	J	K
CX-20401	611	388	321	50	285	246	355	224	152	392	663
CX-20402	646	423	321	63	285	246	355	224	152	392	698
CX-20403	686	463	321	63	285	246	355	224	152	392	738
CX-20404	611	388	321	50	285	246	355	224	152	392	663
CX-20405	646	423	321	63	285	246	355	224	152	392	698
CX-20406	686	463	321	63	285	246	355	224	152	392	738

CONSTRUCTION HIGHLIGHTS

- Heavy-duty thermoplastic housing
- Stainless steel shaft and sealed bearings
- Large pre-filter and strainer basket

SOURCE NOTES

- Max dB(A) and Noise dB(*) are separate source fields.
- Dimension units are not explicitly printed in the source table.
- Optional 316SS shaft for saltwater pools.

DESIGN PROOF

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POOL PRODUCTS

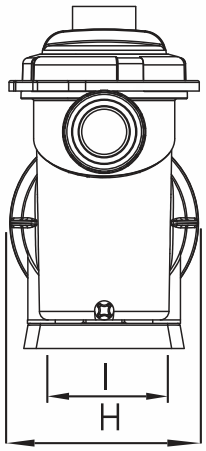
MARATHON MAX

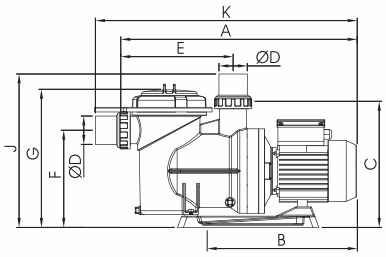
Technical Data Sheet

Engineering drawings, performance curves and source model data for the Marathon Max range.



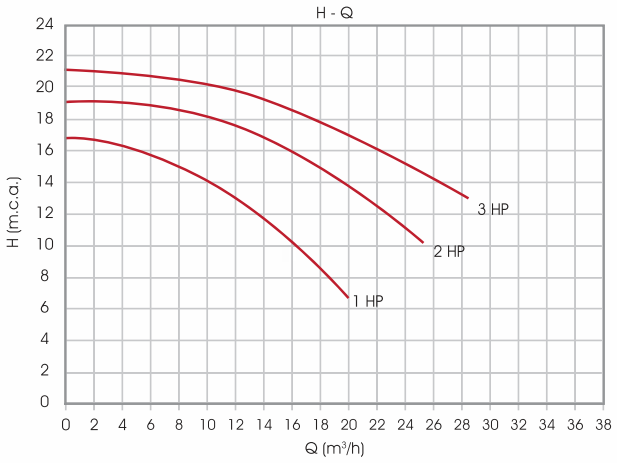
ENGINEERING DRAWINGS





Overall dimension

PERFORMANCE CURVES



PERFORMANCE, NOISE & PACKING DATA

C-Code	HP	H.M.W.C	Flow m³/h	Noise dB(*)	Box (cm) Width	Box (cm) Height	Box (cm) Length	Units Pallet
CX-20401	1.0 (Single Phase)	10	16.4	58.2	50	246	224	30
CX-20402	2.0 (Single Phase)	12	23.0	62.9	63	246	224	30
CX-20403	3.0 (Single Phase)	14	35.0	66.3	63	246	224	30
CX-20404	1.0 (Three Phase)	10	16.4	57.1	50	246	224	30
CX-20405	2.0 (Three Phase)	12	23.0	64.1	63	246	224	30
CX-20406	3.0 (Three Phase)	14	35.0	64.2	63	246	224	30

Box Size (cm) values are reproduced exactly as printed; units require confirmation.

Noise dB(*) and Max dB(A) are different source fields; test conditions are not supplied.

Optional 316SS shaft for saltwater pools.

DESIGN PROOF

Corex
POOL PRODUCTS

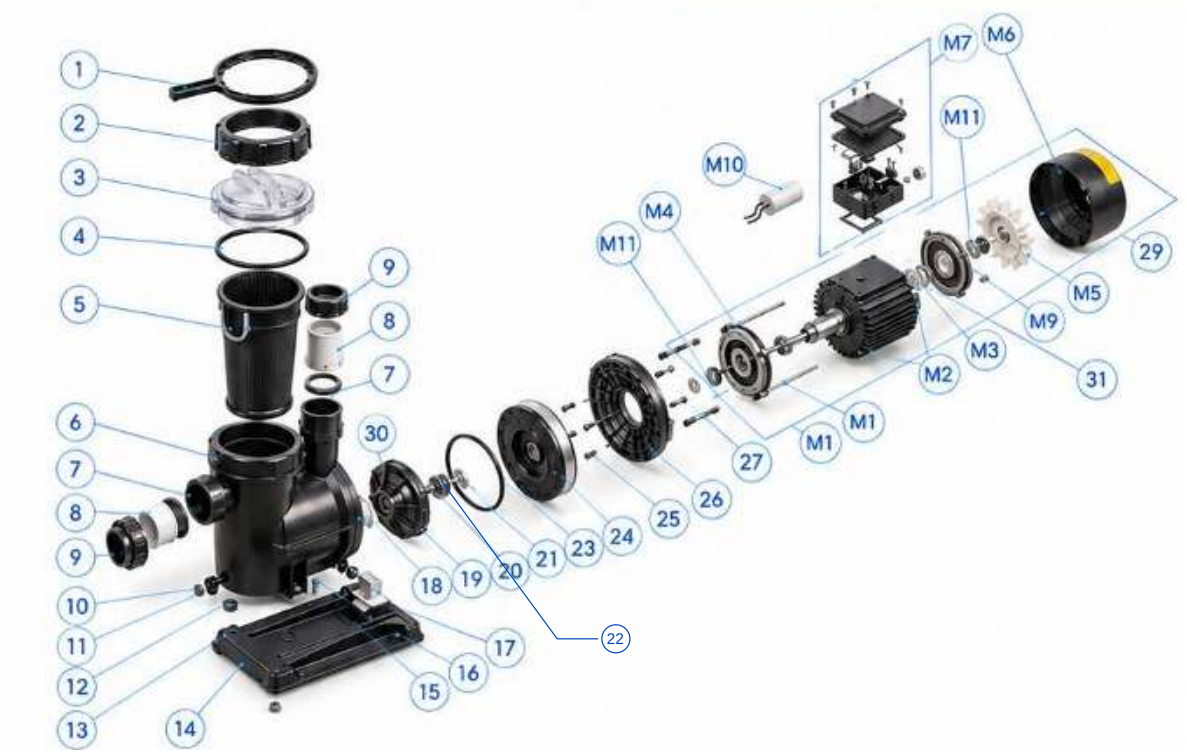
MARATHON MAX

Component Identification & Exploded View

Exploded product illustration with source component register.

ASSEMBLED PRODUCT REFERENCE





COMPONENT PARTS IDENTIFICATION

CODE	DESCRIPTION
1	Plastic special spanner
2	Plastic nut cover
3	Transparent plastic cover (cross)
4	Rubber O-ring Ø151.7*6.99
5	Pre-filter basket
6	Pump housing
7	Connect O-ring
8	Plastic connect D50/63
9	Plastic connect nut
10	Plunger
11	O-ring
12	Flat washer
13	Rubber pad
14	Pump foundation
15	M8*30 bolts
16	Nut

CODE	DESCRIPTION
17	Rubber block
18	Rubber O-ring
19	Diffusor (0.5CV-0.75CV-1.0CV) Diffusor (1.5CV-2.0CV-3.0CV)
20	Impeller for 1.hp Impeller for 2.hp Impeller for 3.hp
21	Rubber flat washer
22	Stainless mechanical seal
23	Ø183.8*2.6 O-ring
24	Mechanical lock tightly plate
25	M6*16 inside hexangular bolt
26	The motorfix plate
27	M6*45 inside hexangular bolt
28	Rubber O-ring for the motor shaft
29	Lock tightly nut
30	Ø16*2 Rubber O-ring
31	Combined motor for Combined motor for Combined motor for

Source-guided illustration. Incomplete source descriptions retained; see review notes.

DESIGN PROOF

Corex
POOL PRODUCTS

MARATHON MAX

Materials of Construction & Key Benefits

Heavy-duty thermoplastic construction, stainless steel shaft and sealed bearings support dependable pool circulation.



1 MATERIALS OF CONSTRUCTION

HEAVY-DUTY THERMOPLASTIC HOUSING
Resists heat and corrosion.

STAINLESS STEEL MOTOR SHAFT
Rustproof construction as described in source.

SEALED BEARINGS
Maintenance-free bearings as described in source.

CLEAR PRE-FILTER LID
Enables visual inspection.

OPTIONAL 316SS SHAFT
Available for saltwater pool applications.

2 CONSTRUCTION FEATURES

INTEGRATED PRE-FILTER
Large strainer protects hydraulic components from debris.

OVERSIZED BASKET
Helps extend cleaning intervals.

THERMAL PROTECTION
Motor safeguards against overheating.

SERVICE ACCESS
Compact layout supports installation and servicing.

3 KEY BENEFITS

APPLICATION RANGE
Residential and commercial pools.

CIRCULATION OPTIONS
1.0, 2.0 and 3.0 HP models.

PHASE OPTIONS
Single-phase and three-phase versions.

REDUCED VIBRATION
Structure designed for smooth operation.

4 MODEL FAMILY

SINGLE PHASE MODELS



CX-20401	CX-20402	CX-20403
1.0 HP	2.0 HP	3.0 HP
Series reference image	Series reference image	Series reference image

THREE PHASE MODELS



CX-20404	CX-20405	CX-20406
1.0 HP	2.0 HP	3.0 HP
Series reference image	Series reference image	Series reference image

DESIGN PROOF

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.

Corex
POOL PRODUCTS

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.

Corex
POOL PRODUCTS

SLIENT SWIM

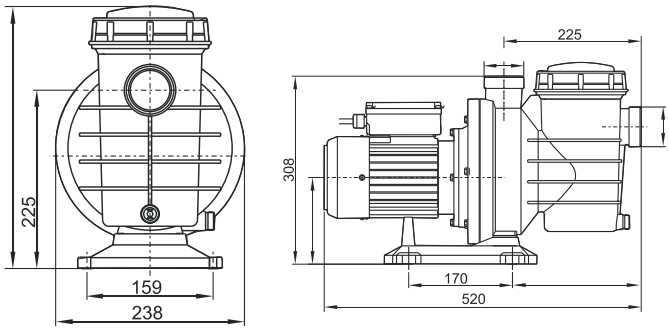
Technical Data Sheet



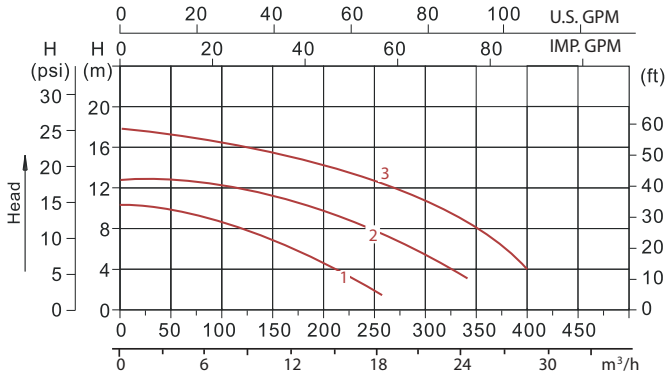
PRODUCT OVERVIEW

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

Corex
POOL PRODUCTS

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

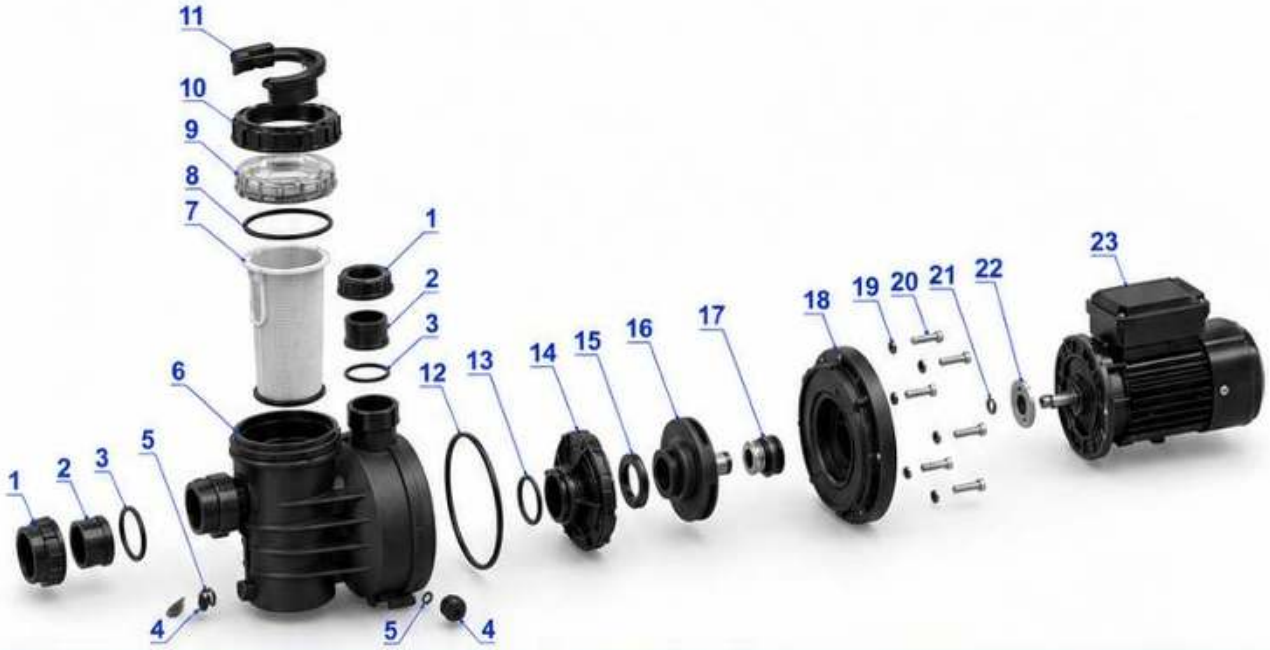
Series reference image.

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.

MAX-FLOW

Pool Pump

PRODUCT OVERVIEW

Single-body construction, engineered thermoplastic and a stainless-steel motor shaft. For residential and light commercial pool circulation.



KEY FEATURES & BENEFITS

Single-body design

Designed to reduce vibration and support quiet operation.

Thermoplastic body

High-temperature engineered thermoplastic construction.

Corrosion resistance

Corrosion-resistant materials and stainless-steel motor shaft.

Motor protection

Pentek motors with thermal protection.

Easy servicing

Compact construction for installation and servicing.

Power options

Single- and three-phase models from 1.0 to 3.0 HP.

MAX-FLOW MODEL FAMILY

1.0 HP	1.5 HP	2.0 HP	3.0 HP
			
CX-20701	CX-20702	CX-20703	CX-20704
CX-20705	CX-20706	CX-20707	CX-20708

MATERIALS & CONSTRUCTION

BODY	Engineered thermoplastic
SHAFT	Stainless steel
MOTOR	Pentek with thermal protection

POWER	FREQUENCY	PHASE	NET WEIGHT
0.75-2.2 kW	50 Hz	Single / Three	13-22 kg

DESIGN PROOF

MAX-FLOW

Model Range & Detailed Specifications

Eight source-listed models for residential and light commercial pool circulation.

MODEL RANGE OVERVIEW

1.0 HP	1.5 HP	2.0 HP	3.0 HP
			
CX-20701 / CX-20705	CX-20702 / CX-20706	CX-20703 / CX-20707	CX-20704 / CX-20708

ELECTRICAL RATINGS & NET WEIGHT

C-Code	P1 kW	HP	Phase	V/hz*	Hz	Amps	Net kg
CX-20701	0.75	1.0	Single	220	50	3.8	13
CX-20702	1.1	1.5	Single	220	50	5.2	17
CX-20703	1.5	2.0	Single	220	50	7	19
CX-20704	2.2	3.0	Single	220	50	10	22
CX-20705	0.75	1.0	Three	380	50	1.4	13
CX-20706	1.1	1.5	Three	380	50	2.1	17
CX-20707	1.5	2.0	Three	380	50	2.6	19
CX-20708	2.2	3.0	Three	380	50	4.1	22

HYDRAULIC RATINGS & PACKING DIMENSIONS

C-Code	Head m	Flow m³/h	Curve ref.	Packing size mm
CX-20701	8	13	2	635 x 310 x 370
CX-20702	10	18	4	635 x 310 x 370
CX-20703	10	23	5	635 x 310 x 370
CX-20704	10	29	7	635 x 310 x 370
CX-20705	8	13	2	635 x 310 x 370
CX-20706	10	18	4	635 x 310 x 370
CX-20707	10	23	5	635 x 310 x 370
CX-20708	10	29	7	635 x 310 x 370

* V/hz retains the original heading. Source text states maximum flow 21 m³/h, conflicting with table values 23/29 m³/h. Curve references require confirmation; see page 3. Product photo is a shared series reference.

DESIGN PROOF

MAX-FLOW

Technical Data Sheet

Original engineering dimensions and performance graph, preserved from the source catalog.

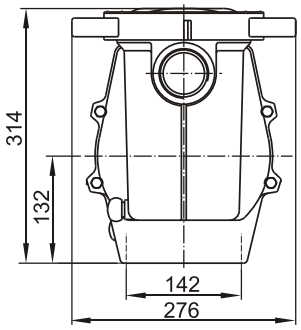
PRODUCT REFERENCE

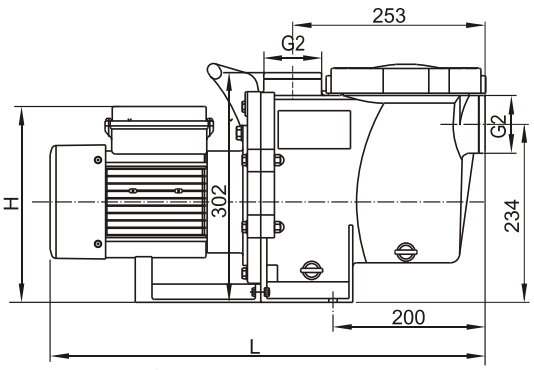


DIMENSION REGISTER

Front-view labels	314, 132, 142, 276
Side-view labels	253, 302, 234, 200
Port markings	G2 / G2
H and L	Values not supplied
Drawing units	Not explicitly stated

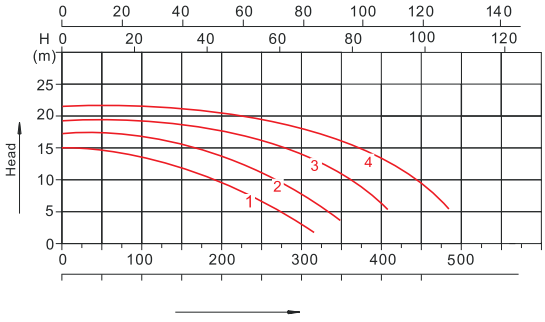
ENGINEERING DRAWINGS





Overall dimension

PERFORMANCE CURVES



TECHNICAL NOTES

Source maximum operating pressure: 2.0 kg/cm²; model scope is unspecified.

Graph labels 1-4 do not match table references 2, 4, 5, 7. Horizontal-axis units are missing. Do not use for model selection until confirmed.

DESIGN PROOF

MAX-FLOW

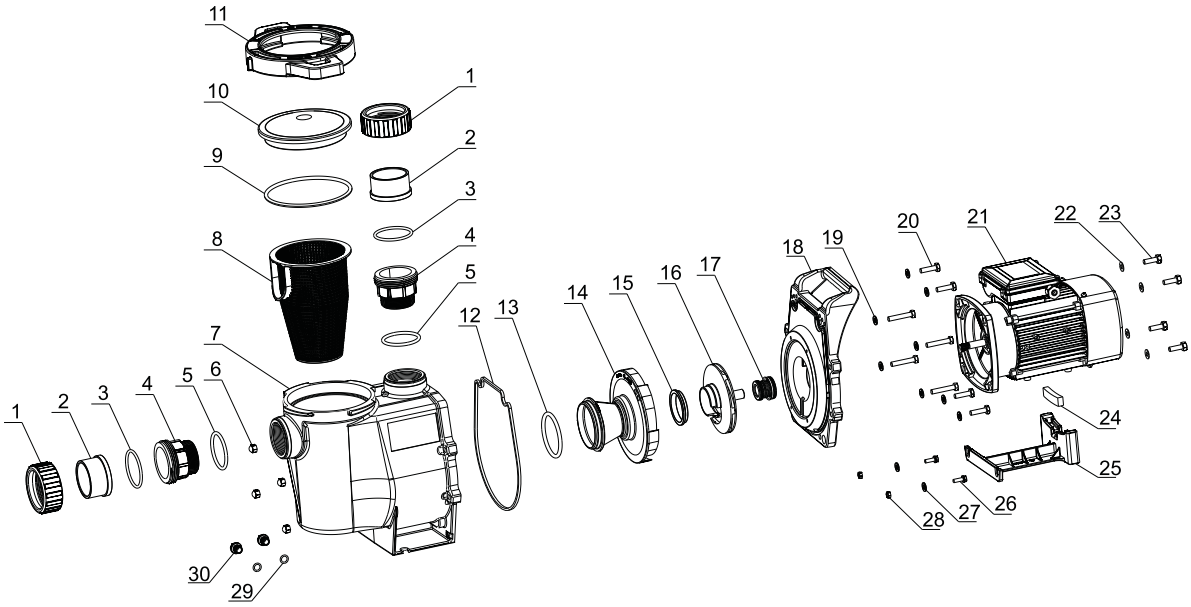
Component Identification & Exploded View

Original assembly drawing and complete 30-item register.



ASSEMBLY REFERENCE

Numbered components correspond to the register below.
Original source geometry and leader lines preserved.



COMPONENT PARTS IDENTIFICATION

1	Tie-in Nut	**16**	Impeller
2	Tie	**17**	Mechanical Seal
3	O-Ring	**18**	Diffuser
4	Transition union	**19**	Washer
5	O-Ring	**20**	Hexagon screw
6	Acorn nut	**21**	Motor
7	Pump Casing	**22**	Washer
8	Filter	**23**	Hexagon screw
9	O-Ring	**24**	Plastic strips
10	Transparent cover	**25**	Base
11	Gland cover of transparent cover	**26**	Hexagon screw
12	Gasket	**27**	Washer
13	O-Ring	**28**	Hexagon Nut
14	Guide vane assembly	**29**	O-Ring
15	Guide vane assembly	**30**	Drainage Plug

NOTE: Component names follow the original list. Spare-part codes and quantities are not supplied.

DESIGN PROOF

Corex
POOL PRODUCTS

POWER PLUS

Pool Pump

PRODUCT OVERVIEW

Centrifugal electric pumps with a built-in pre-filter, designed for high flow at low pressure. For water recycling and filtration in public and commercial swimming pools.



KEY FEATURES & BENEFITS

Cast Iron Construction
Painted pump body and pre-filter.

Stainless Steel Impeller
AISI 316 impeller.

Accessible Pre-filter
Knob-system access for cleaning.

Continuous-duty Motor
IP55 protection and Class F insulation.

External Ventilation
Closed, externally ventilated motor.

Seven Model Options
5.5 HP to 25 HP.

POWER PLUS MODEL FAMILY

CX-20901	CX-20902	CX-20903	CX-20904
			
5.5 HP	7.5 HP	10 HP	12.5 HP

CX-20905	CX-20906	CX-20907
		
15 HP	20 HP	25 HP

Series reference images.

POWER (P2)	MOTOR POWER	PHASE	FREQUENCY	PROTECTION
4–18.5 kW	5.5–25 HP	Three-phase	50 Hz	IP55

Corex
POOL PRODUCTS

POWER PLUS

Model Range & Detailed Specifications

Seven model codes across two source groups. Electrical ratings retain the distinction between power input (P1) and power output (P2).



MODEL RANGE OVERVIEW

CX-20901	CX-20902	CX-20903	CX-20904	CX-20905	CX-20906	CX-20907
						
5.5 HP 4 kW	7.5 HP 5.5 kW	10 HP 7.5 kW	12.5 HP 9.2 kW	15 HP 11 kW	20 HP 15 kW	25 HP 18.5 kW

Series reference images. Ratings shown are P2.

DETAILED MODEL SPECIFICATIONS

C-Code	P2 HP	P2 kW	P1 kW	V	Hz	A / 220 V	A / 380 V
CX-20901	5.5	4	4.7	220 / 380	50	14.4	8.3
CX-20902	7.5	5.5	6.3	220 / 380	50	19.0	11.0
CX-20903	10	7.5	8.6	220 / 380	50	25.6	14.8
CX-20904	12.5	9.2	10.5	380	50		17.9
CX-20905	15	11	12.5	380	50		21
CX-20906	20	15	16.9	380	50		28
CX-20907	25	18.5	20.6	380	50		34.3

P1 for CX-20901–CX-20903 is identical at 220 V and 380 V.

TECHNICAL HIGHLIGHTS

- IP55 motor protection
- Class F insulation
- Continuous rated duty
- Externally ventilated motor

SOURCE NOTES

- Electrical figures follow the source tables.
- P1 and P2 are separate ratings.
- Three-phase supply as stated in source.

POWER PLUS

Technical Data Sheet

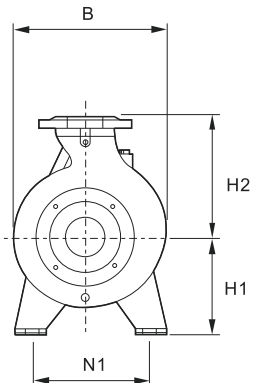


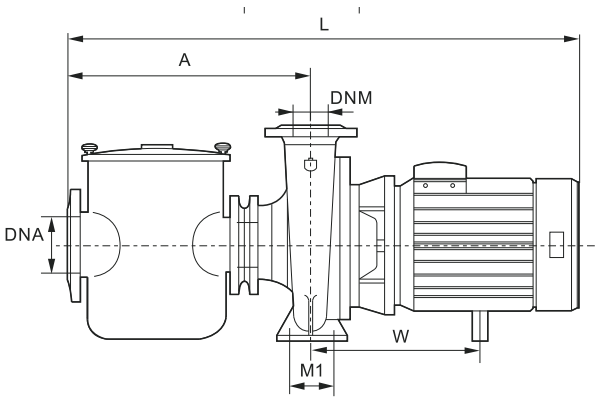
PRODUCT OVERVIEW

High-flow centrifugal pool pumps with a built-in pre-filter, painted cast iron body and externally ventilated motor.

MODEL GROUP	
SOURCE FIELD	**SOURCE VALUE**
Model range	CX-20901–CX-20903
Motor power	5.5–10 HP
Protection	IP55
Drawing units	Not explicitly stated

ENGINEERING DRAWINGS





DETAILED DIMENSION REGISTER

FIELD	CX-20901	CX-20902	CX-20903
A	495	495	495
B	310	310	310
M1	95	95	95
W	292	310	310
L	970	995	995
N1	212	212	212
H1	162.5	162.5	162.5
H2	180	180	180
DNA	Φ 100	Φ 100	Φ 100
DNM	Φ 65	Φ 65	Φ 65
KG	100	110	116
Flow m³/h	**	**	**
Max dB(A)	**	**	**

Source placeholders and blank cells retained. Performance data and curves: pages 5–6.

POWER PLUS

Technical Data Sheet

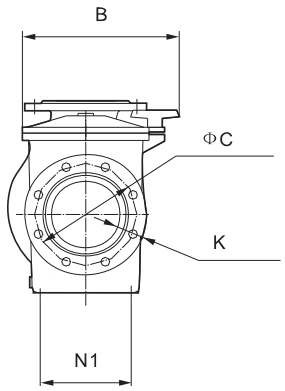


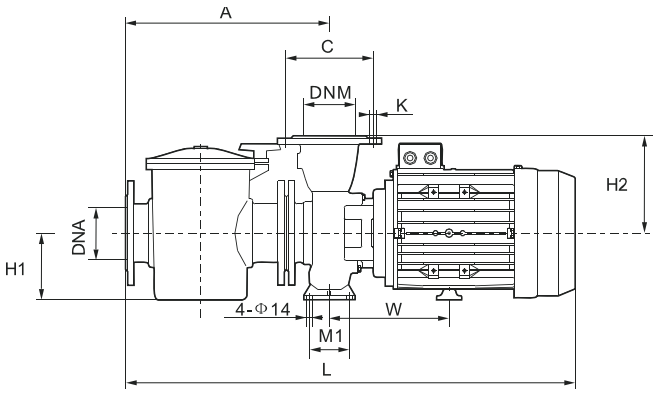
PRODUCT OVERVIEW

High-flow centrifugal pool pumps with a built-in pre-filter, painted cast iron body and externally ventilated motor.

MODEL GROUP	
SOURCE FIELD	**SOURCE VALUE**
Model range	CX-20904–CX-20907
Motor power	12.5–25 HP
Protection	IP55
Drawing units	Not explicitly stated

ENGINEERING DRAWINGS





DETAILED DIMENSION REGISTER

FIELD	CX-20904	CX-20905	CX-20906	CX-20907
A	489	489	557	557
B	322	322	380	380
C	210	210	240	240
M1	95	95	95	95
K	8-Φ18	8-Φ18	8-Φ22	8-Φ22
W	262	275	300	300
L	990	1016	1170	1170
N1	187	187	187	187
H1	160	160	240	240
H2	236	236	236	236
DNA	Φ 125	Φ 125	Φ 150	Φ 150
DNM	Φ 125	Φ 125	Φ 125	Φ 125
Flow m³/h	**	**	**	

Source placeholders and blank cells retained. Performance data and curves: pages 5–6.

POWER PLUS

Hydraulic Performance | 5.5–10 HP

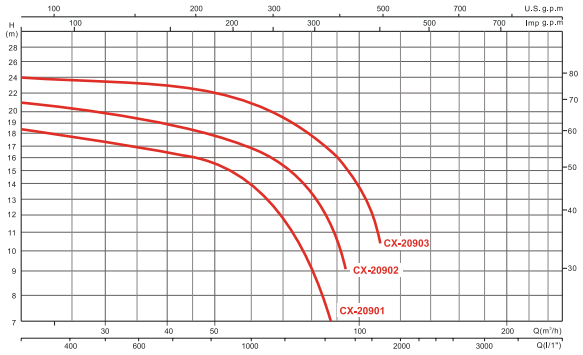
Source performance points for CX-20901, CX-20902 and CX-20903.
Original table values and original curve geometry are retained.



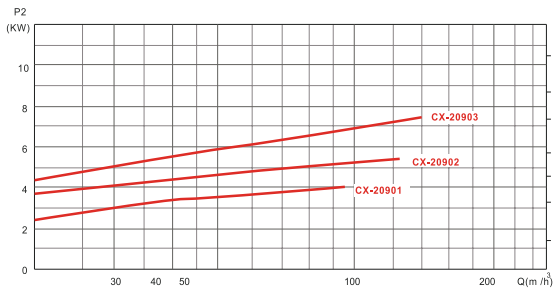
TABULATED PERFORMANCE — H (m)

FLOW / MODEL							
Q — L/min	0	500	750	1000	1250	1500	1750
Q — m³/h	0	30	45	60	75	90	105
CX-20901	18.5	17.5	16	14	10	5	-
CX-20902	21	20.5	19.5	17.5	15	9	-
CX-20903	24	23.5	23	21.5	19	16	10

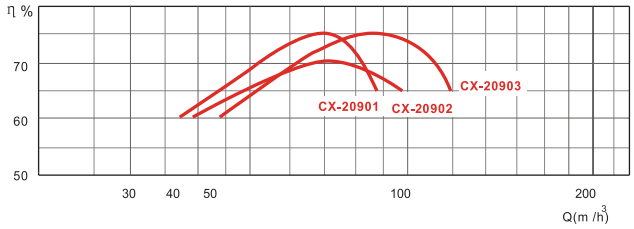
HEAD / FLOW — SOURCE CURVES



POWER OUTPUT — SOURCE P2



EFFICIENCY — SOURCE CURVES



POWER PLUS

Hydraulic Performance | 12.5–25 HP

Original flow/head tables and performance curves. Flow rates, source rounding and dash entries are reproduced without interpolation.

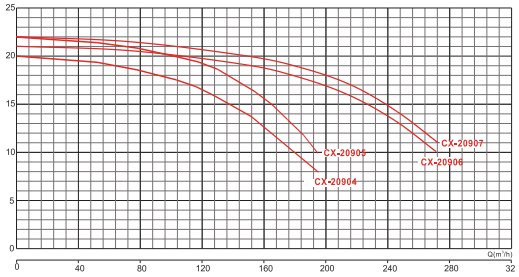
CX-20904 / CX-20905 — H (m)

FLOW / MODEL									
Q — L/min	0	1500	1916	2250	2483	2633	2750	3000	3250
Q — m³/h	0	90	115	135	149	158	165	180	195
CX-20904	20	18	17	15	14	13	12	9	-
CX-20905	22	20.5	19.5	18	17	16	15	12	10

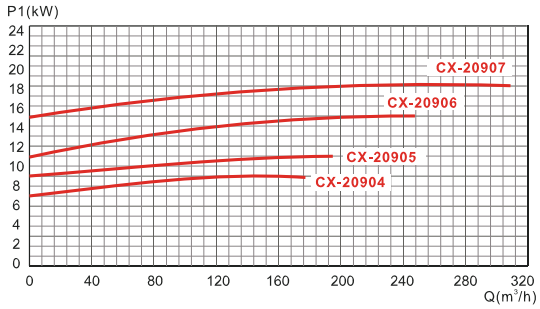
CX-20906 / CX-20907 — H (m)

FLOW / MODEL										
Q — L/min	0	1500	1750	2417	3000	3500	4000	4300	4583	4833
Q — m³/h	0	90	105	145	180	210	240	258	275	290
CX-20906	20	19.5	19	18	17	15.5	13	11	9	-
CX-20907	22	21.5	21	20	19	17.5	15	13	11	8

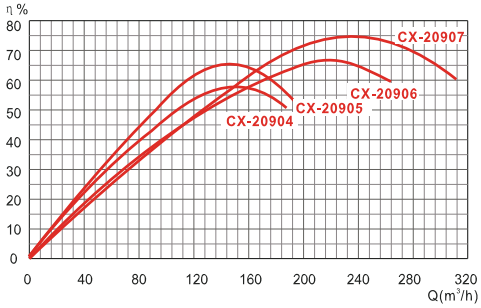
HEAD / FLOW — SOURCE CURVES



POWER INPUT — SOURCE P1



EFFICIENCY — SOURCE CURVES



Corex
POOL PRODUCTS

POWER PLUS

Materials of Construction & Key Benefits

High-flow centrifugal pump construction with a built-in pre-filter and accessible knob closure. The technical source pages specify painted cast iron construction for public and commercial pool applications.



1 MATERIALS OF CONSTRUCTION

CAST IRON BODY
Painted pump body and pre-filter.

STAINLESS STEEL IMPELLER
AISI 316.

MECHANICAL SEAL
Graphite / ceramic.

PRE-FILTER BASKET
Stainless steel.

2 MOTOR & CONSTRUCTION

EXTERNAL VENTILATION
Closed, externally ventilated motor.

IP55 PROTECTION
Class F insulation.

CONTINUOUS DUTY
Continuous rated operation.

MOTOR SPEED
2,850 r.p.m.; three-phase.

3 APPLICATIONS & BENEFITS

POOL CIRCULATION
Public and commercial swimming pools.

HIGH-FLOW DESIGN
Centrifugal hydraulics for high flow at low pressure.

SERVICE ACCESS
Accessible knob-system pre-filter closure.

OPERATING STABILITY
Vibration-reducing construction.

4 SOURCE CLARIFICATIONS

Shaft grade: source pages 3 and 5 state “AISI3161” in body copy and “AISI 304” in the materials list. Confirmation is required.

Body material: technical pages specify cast iron; source page 7 says thermoplastic. Both statements are recorded without reconciliation.

Other source claims: thermal safeguards, sealed bearings, “whisper-quiet” operation and energy-saving claims lack quantified supporting test data in the supplied PDF. No values have been inferred.

Corex
POOL PRODUCTS

POWER PLUS

Component Parts Register

Two source model groups with separate item-number sequences. All 46 entries retain the source descriptions and spelling.

ASSEMBLED PRODUCT REFERENCE



CX-20901 / CX-20902 / CX-20903

ITEM	COMPONENT DESCRIPTION
1	Screw
2	Flat Gasket
3	Steel O Ring
4	Transparent Cover
5	O Ring
6	Filter Net
7	Filter
8	Bolt
9	Seal Water
10	Nut
11	Pump Body
12	Impeller Nut
13	Spring Waster
14	Impeller
15	Mechanical Seal
16	O-Ring
17	Key
18	Bolt
19	Spring Waster
20	Nut
21	Motor

Source spelling retained, including “Spring Waster” and “Seal Water”. No quantities or spare-part codes are supplied. Exploded illustrations follow on page 9.

CX-20904 / CX-20905 / CX-20906 / CX-20907

ITEM	COMPONENT DESCRIPTION
1	Handle
2	Washer
3	Transparent Cover
4	O Ring
5	Valve
6	Pipe
7	Cover Plate
8	O Ring
9	Filter Net
10	Filter
11	Nut
12	Seal Washer
13	Sealed Ring
14	Bolt
15	Pump Body
16	Impeller nut
17	Spring Washer
18	Impeller
19	O Ring
20	Mechanical Seal
21	Pump Cover
22	Bolt
23	Drop Guard
24	Motor
25	Footing

Corex
POOL PRODUCTS

POWER PLUS

Component Identification & Exploded View

Two model groups. Complete original photographic assemblies.

Component names and item register: page 8.

5.5–10 HP — ITEMS 1–21

CX-20901 / CX-20902 / CX-20903

Original source numbering and leader lines



12.5–25 HP — ITEMS 1–25

CX-20904 / CX-20905 / CX-20906 / CX-20907

Original source numbering and leader lines



Source photographs retain their original motor colour; the supplied exterior photo shows a black motor.

THUNDER SERIES

High-Flow Spa & Jacuzzi Pump

PRODUCT OVERVIEW

Thunder Series high-flow pumps are designed for hydro-massage tubs, whirlpools and concrete Jacuzzi systems. The source also describes commercial spa and swimming pool applications.



MOTOR & CONSTRUCTION

1. **Air-cooled motor**
   Air cooling and advanced winding design.

2. **Aluminum frame and base**
   Conjoined frame and base construction.

3. **Class F insulation**
   Insulation class F, as specified.

4. **IP55 protection**
   Motor protection rating stated in the source.

5. **Continuous duty**
   Continuous-duty operation specified.

THUNDER MODEL FAMILY

CX-20801	CX-20802
3.0 kW / 4.0 HP	4.0 kW / 5.5 HP
Power P1	Power P1

POWER P1	Qmax	Hmax	PROTECTION
3.0–4.0 kW	1300–1500 l/min	13–17.5 m	IP55

THUNDER SERIES

Model Range & Detailed Specifications

Two models with individual power, maximum flow and maximum head ratings. All source table values are retained below.

CX-20801



3.0 kW / 4.0 HP

CX-20802



4.0 kW / 5.5 HP

ELECTRICAL & HYDRAULIC DATA

MODEL	Qmax (l/min)	Hmax (m)	P1 kW	P1 HP	AMPS 380V/50Hz
CX-20801	1300	13	3.0	4.0	5.2
CX-20802	1500	17.5	4.0	5.5	7.0

CONNECTION, WEIGHT & SHIPPING

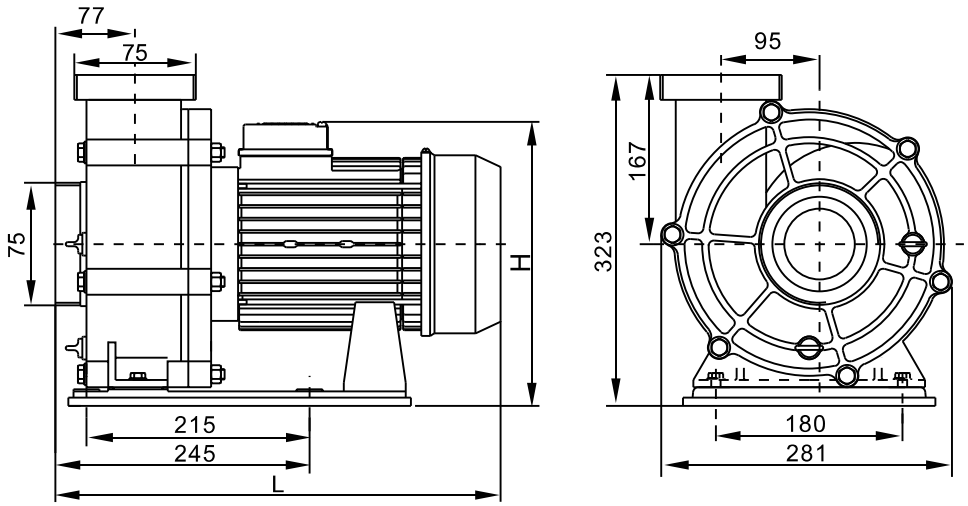
MODEL	FITTING SIZE (mm)*	(Kg)	PACKING SIZE (mm)	Qty/20’	VOLUME*
CX-20801	3”	23.9	445x310x360	584	0,067
CX-20802	3”	25.6	475x310x360	547	0,067

* Source lists 3” under (mm); volume unit is unclear. Values retained.

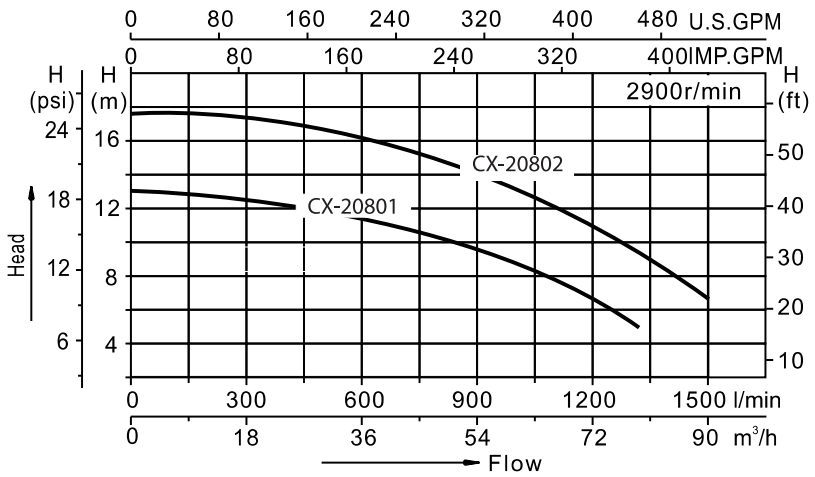
THUNDER SERIES

Technical Data Sheet

ENGINEERING DRAWINGS



PERFORMANCE CURVES



Original source curves | 2900 r/min

DRAWING NOTES

All dimension figures and symbols are preserved in the original drawing.

L and H are shown without numerical values or a model-specific dimension table.

Drawing units are not explicitly stated.

Maximum head and maximum flow are separate ratings, not one duty point.

THUNDER SERIES

Materials of Construction & Motor Features



MOTOR & FRAME

Air-cooled motor with an advanced winding design. The source describes the motor as suitable for Europe and commercial spa / Jacuzzi applications.

The frame and base are conjoined in aluminum. Low noise, reduced vibration and durability are described in the source; no measured noise or vibration values are supplied.

MOTOR SPECIFICATIONS

Insulation
Class F

Protection
IP55

Duty
Continuous

Medium temperature
50 °C

APPLICATIONS

Hydro massage
Hydro-massage tubs

Whirlpool
Whirlpool SPA systems

Jacuzzi
Concrete / commercial Jacuzzi

Pool
Swimming pool pumps

SOURCE CLARIFICATION

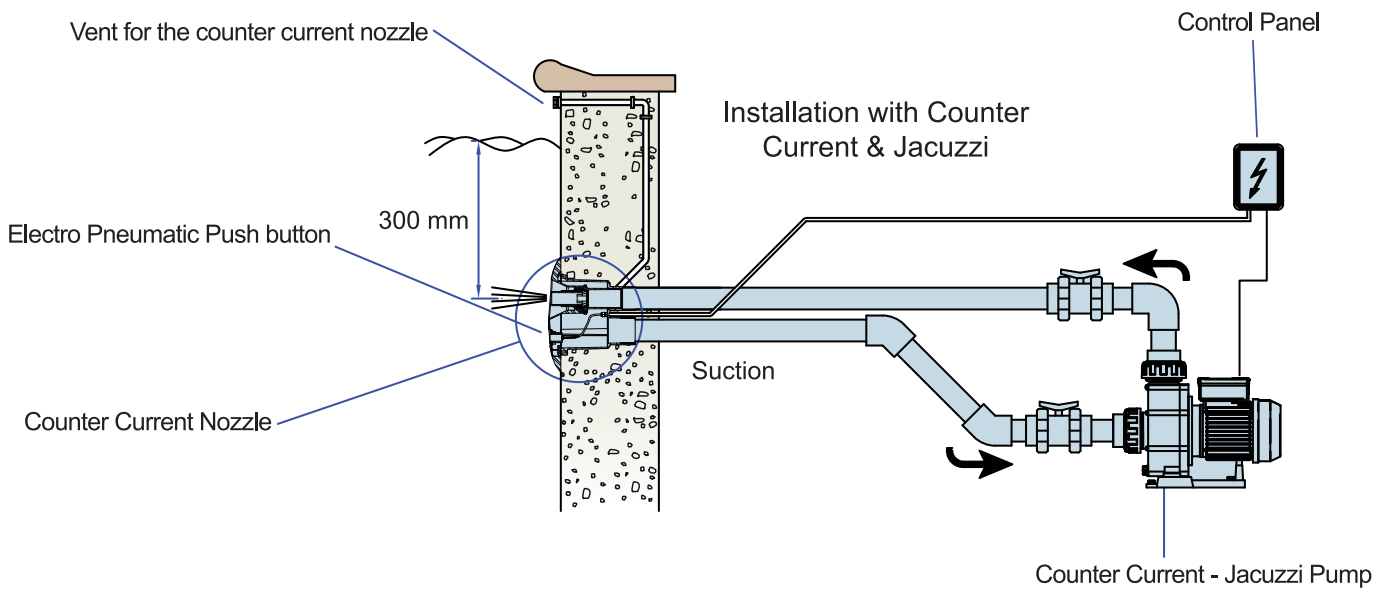
The motor text states “Single-phase with thermal protector from T1 to ensure safety.” The model table specifies 380 V / 50 Hz. Both statements are retained; supply phase and the T1 protector designation require confirmation. No phase conversion or correction has been made.

THUNDER SERIES

Installation with Counter Current & Jacuzzi

Original installation schematic with source connection labels, flow arrows and the 300 mm dimension retained.

SOURCE INSTALLATION SCHEMATIC



SCHEMATIC IDENTIFICATION

Vent for the counter current nozzle • Electro Pneumatic Push button • Counter Current Nozzle • Suction • Control Panel • Counter Current - Jacuzzi Pump

The source schematic is reproduced without adding pipe sizes, electrical ratings or installation dimensions.

THUNDER SERIES

Component Identification & Exploded View

EXTERNAL ASSEMBLY

The supplied illustration shows the upper and front connection fittings separated from the assembled pump.

ASSEMBLED REFERENCE





Visual identifiers A and B refer only to this illustration. They are not manufacturer part numbers.

EXTERNAL COMPONENT IDENTIFICATION

REF.	VISIBLE COMPONENT	ILLUSTRATION DESCRIPTION
A	Upper connection fitting	Shown separated above the pump connection.
B	Front connection fitting	Shown separated in front of the pump connection.

Illustrative external view supplied by the user; internal components and service-part codes are not shown.

Corex
POOL PRODUCTS

CYCLONE SERIES

Centrifugal Spa & Counter-Current Pump

PRODUCT OVERVIEW

Centrifugal pump for spas, counter current and other applications. The source specifies a fiberglass-reinforced polypropylene body, Noryl impeller and glued suction / return connections included with the pump.



KEY CONSTRUCTION FEATURES

1. **Reinforced pump body**
   Polypropylene reinforced with fiberglass.
2. **Noryl impeller**
   Impeller material specified in the source.
3. **AISI 316L shaft**
   Stainless steel motor shaft.
4. **Graphite / ceramic seal**
   Mechanical seal in graphite and ceramics.
5. **IP-55 protection**
   Enclosed motor; 2,850 r.p.m.

CYCLONE MODEL FAMILY

CX-20803	1.5 kW / 2.0 HP
CX-20804	2.2 kW / 3.0 HP
CX-20805	3.0 kW / 4.0 HP

POWER P1	Qmax	PRESSURE	TEMPERATURE
1.5–3.0 kW	620–780 l/min	0.3 MPa	5–50 °C

Corex
POOL PRODUCTS

CYCLONE SERIES

Model Range & Detailed Specifications

Three model codes. Electrical, hydraulic and shipping values below reproduce the original technical table.

CX-20803



1.5 kW / 2.0 HP

CX-20804



2.2 kW / 3.0 HP

CX-20805



3.0 kW / 4.0 HP

ELECTRICAL & HYDRAULIC SPECIFICATIONS

MODEL	Qmax l/min	Hmax m	CURVE	V/Hz	P1 kW	P1 HP	AMPS
CX-20803	620	14	1	220-240/50	1.5	2.0	7.0
CX-20804	730	18	2	220-240/50	2.2	3.0	10
CX-20805	780	19	3	220-240/50	3.0	4.0	14

CONNECTION, WEIGHT & SHIPPING

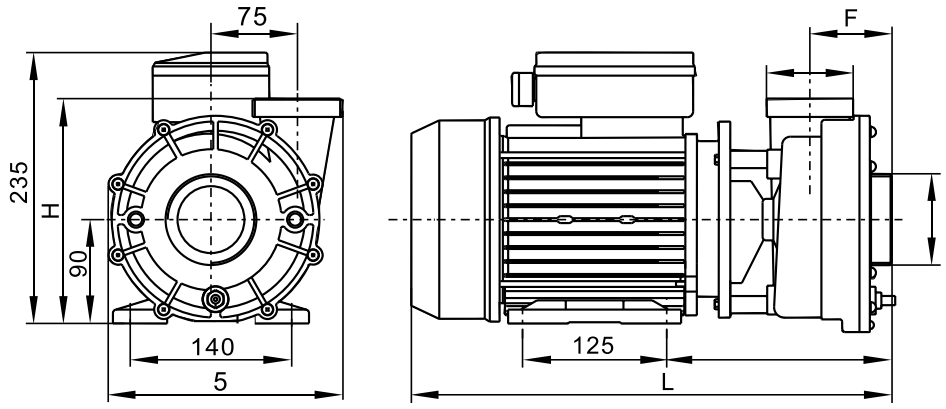
MODEL	FITTING SIZE (mm)	(Kg)	PACKING SIZE (mm)	Qty/20’
CX-20803	60.3 or 63	15.3	460 x 235 x 295	910
CX-20804	60.3 or 63	18	460 x 235 x 295	910
CX-20805	60.3 or 63	19.2	460 x 235 x 295	910

Power ratings shown in the source table are P1. Maximum head and flow are separate ratings.

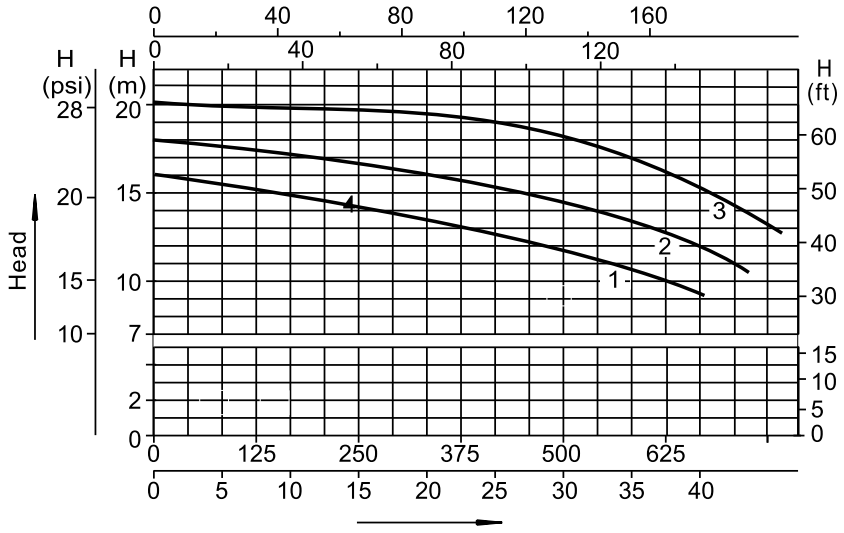
CYCLONE SERIES

Technical Data Sheet

ENGINEERING DRAWINGS



PERFORMANCE CURVES



CURVE IDENTIFICATION

CURVE 1
CX-20803

CURVE 2
CX-20804

CURVE 3
CX-20805

Original curves and source axes retained. No new duty points have been calculated.

L, H, F and I appear without a model-specific dimension table. The lower front dimension is printed as “5”; it is retained.

CYCLONE SERIES

Materials of Construction & Motor Features



MATERIALS & CONNECTIONS

Pump body: polypropylene reinforced with fiberglass, described as resistant to swimming-pool chemical products and long-lasting.

Impeller: Noryl.

Suction and return bush connections for gluing are included with the pump.

MOTOR & OPERATING SPECIFICATIONS

Mechanical seal
Graphite and ceramics.

Enclosed motor
IP-55 protection; 2,850 r.p.m.

Separation
Source states liquid is separate from the shaft.

Working temperature
5 to 50 °C.

Motor shaft
Stainless steel AISI 316L.

Bearing
High-temperature-resistant bearing for long life.

Maximum working pressure
0.3 MPa.

Source noise description
“Totally silent”; no measured noise value supplied.

SOURCE CLARIFICATIONS

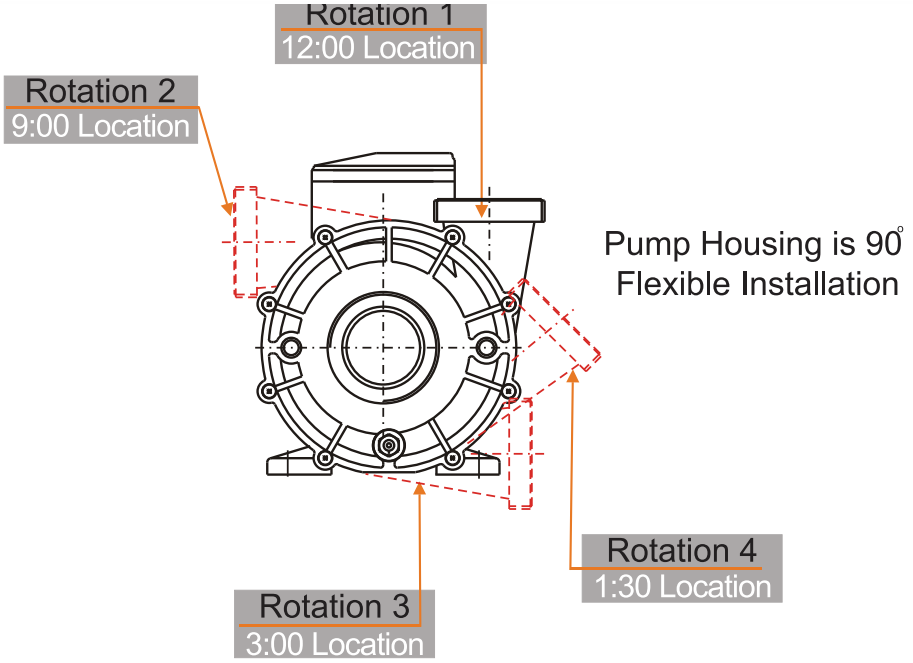
The material text states versions from 1.5 HP to 4 HP; the model table lists 2.0, 3.0 and 4.0 HP. Both are retained without adding a model.
The optional motor wording is “90 Frame , CCCCspeed motor is optional.” The term “CCCCspeed” is unclear and requires confirmation.

CYCLONE SERIES

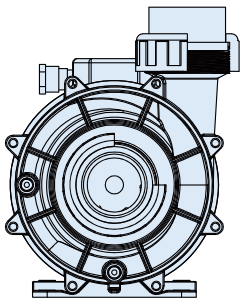
Housing Rotation & Installation Orientation

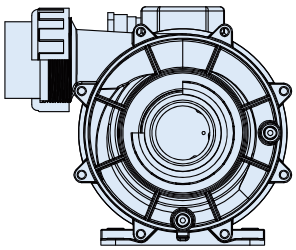
The original source describes “Pump Housing is 90° Flexible Installation”. Its rotation labels and example views are reproduced below.

HOUSING ROTATION — SOURCE DIAGRAM



SOURCE ORIENTATION VIEWS





CYCLONE SERIES

Exploded View & Component Identification

Detailed external illustration with the supplied component names and leader lines preserved.



ILLUSTRATION REFERENCE

Supplied illustrative exploded view. Component labels describe the attached illustration; they are not manufacturer part codes. The original catalog does not provide a numbered service-parts list.

AIR BLOWER

AP Series | Spa & Hydro-Massage

PRODUCT OVERVIEW

Corex AP series air blowers for hot tubs, hydro-massage baths, spa nozzles and large outdoor pools. The source describes low noise, long life and easy installation.



KEY FEATURES

1. **Engineering plastic casing**
   Reinforced, high-temperature-resistant construction.
2. **Class F insulation**
   Thermal protection specified for the motor.
3. **Continuous-duty life**
   Source states life of at least 1000 hours.
4. **Pneumatic control**
   Pneumatic switch control for easy operation.

AP MODEL FAMILY

400 W / 700 W / 900 W

VERSIONS	POWER	AIR VOLUME	WATER DEPTH
V1 / V2	400–900 W	1.65–2.4 m³/min	0.6–1.0 m

AIR BLOWER

Model Range & Detailed Specifications

Six models across V2 and V1 versions. Each model rating is reproduced from the original catalog table.

AP400 | V1 / V2



400 W

AP700 | V1 / V2



700 W

AP900 | V1 / V2



900 W

MODEL SPECIFICATIONS

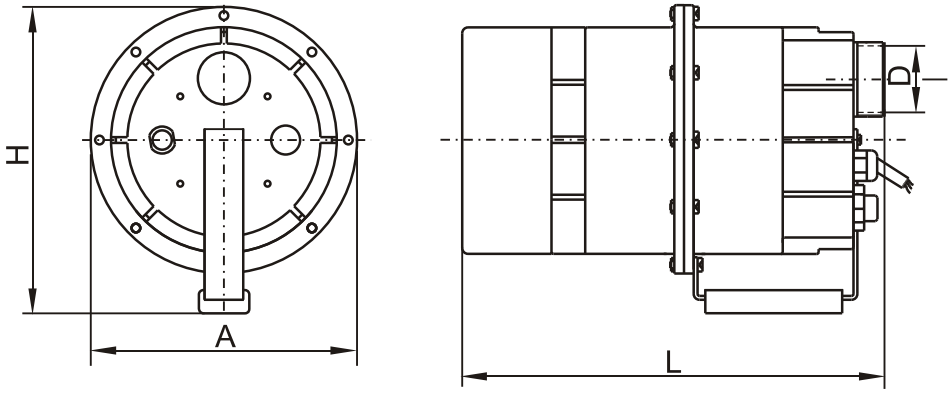
MODEL	Power W	Amps	Max pressure MPa	Air volume m³/min	Noise dB(A)	Jets qty (pc)	Water depth (m)	Weight (kg)
AP400-V2	400	2.5	0.014	1.65	<68	12~24	0.6	2.8
AP700-V2	700	3.3	0.018	2.0	<70	16~32	0.8	2.8
AP900-V2	900	4.5	0.025	2.4	<74	20~40	1.0	2.8
AP400-V1	400	2.5	0.015	1.7	<70	12~24	0.6	2.6
AP700-V1	700	3.3	0.020	2.2	<72	16~32	0.8	2.6
AP900-V1	900	4.5	0.025	2.4	<76	20~40	1.0	2.6

Water depth: recommended water depth. Noise entries retain the source “less than” values. All six models and all source table figures are included.

AIR BLOWER

Technical Data Sheet

ENGINEERING DRAWINGS



DIMENSION SYSTEM | SHAPE SIZE (mm)

MODEL GROUP	SMOOTH L	SMOOTH A	SMOOTH D	THREADED L	THREADED A	THREADED D	H
AP400/700/900-V2	276	ϕ168	ϕ32	269	ϕ168	G1½	171
AP400/700/900-V1	249	ϕ168	ϕ32	242	ϕ168	G1½	171

DRAWING & CONNECTION NOTES

Smooth outlet and threaded outlet dimensions are listed separately. The original front and side drawings retain the A, D, H and L dimension symbols.

All shape-size dimensions are in mm as stated in the source; G1½ is the source threaded-outlet designation. The source supplies no performance curve or numerical voltage / frequency rating.

AIR BLOWER

Materials of Construction & Key Benefits



CASING & MOTOR

The casing is made from reinforced, high-temperature-resistant engineering plastic.

A dedicated excitation motor is described for low-noise air-blower operation, with dedicated thermal protection (VDE or UL approval stated in the source).

Insulation class F with thermal protection from T.I.

CONSTRUCTION & CONTROL

Carbon brush
The source describes imported motor carbon-brush material.

Service life
Greater than or equal to 1000 hours (continuous duty).

Protection and operation
Fuse inside the motor; pneumatic switch control for easy operation.

SOURCE CERTIFICATION

CE
European Union mandatory safety certification.

TUV
German safety certification.

RoHS
Restriction of certain hazardous substances in electrical and electronic equipment.

Certifications and service-life statements are reproduced from the supplied catalog.

AIR BLOWER

External Exploded View & Component Identification

Supplied external component illustration. Part labels and leader lines are preserved.



Illustrative external assembly; internal construction and disassembly sequence are not verified.

Corex
POOL PRODUCTS

SUMP-ONE

Electric Pump with Float Switch

PRODUCT OVERVIEW

Electric pump with float switch for liquid level control. The source catalog lists applications in clean water, sea water, water supply, circulation, drainage and filtration.



KEY FEATURES & CONSTRUCTION

1. **Open impeller**
   Suitable for solid particles <10 mm.
2. **Double shaft seal**
   Double shaft seal specified in the source.
3. **High-temperature bearing**
   High-temperature bearing specified.
4. **Copper winding**
   Copper winding specified in the source.
5. **Stainless steel housing**
   Stainless steel exterior housing.
6. **Thermal protector**
   USA Ti thermal protector, as stated in the source.

SUMP-ONE MODEL FAMILY

CX-20101	CX-20102	CX-20103
0.55 kW	0.75 kW	1.5 kW
P2	P2	P2

POWER P2	SUPPLY	Hmax	Qmax
0.55–1.5 kW	220 V / 50 Hz	13.5–19 m	15–20 m³/h

SUMP-ONE

Model Range & Detailed Specifications

Three model codes with individual power, head, flow and packing data. The table below retains the original catalog values.

CX-20101



0.55 kW

Power output P2

Hmax 13.5 m | Qmax 15 m³/h

CX-20102



0.75 kW

Power output P2

Hmax 15 m | Qmax 16.5 m³/h

CX-20103



1.5 kW

Power output P2

Hmax 19 m | Qmax 20 m³/h

DETAILED MODEL SPECIFICATIONS

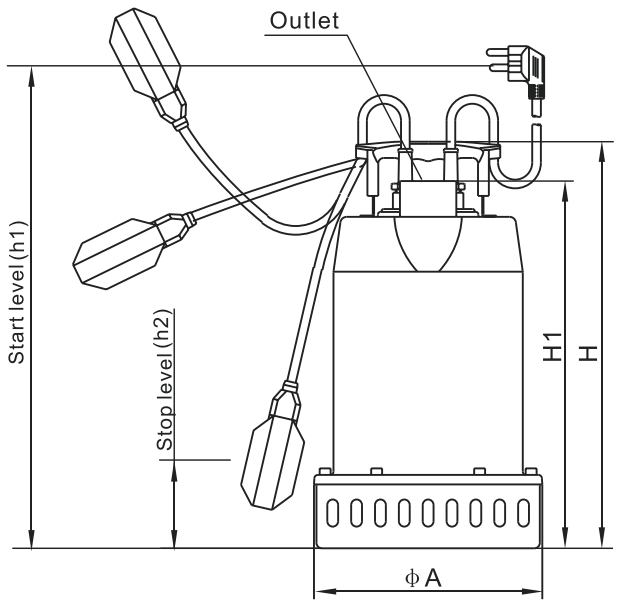
MODEL	P2 kW	AMPS 220V/50Hz	Hmax (m)	Qmax (m³/h)	OUTLET	G.W. (kg)	PACKING SIZE (mm)
CX-20101	0.55	3.8	13.5	15	G1.5"	9.8	425 × 260 × 300
CX-20102	0.75	5.2	15	16.5	G1.5"	10.5	405 × 260 × 300
CX-20103	1.5	9.2	19	20	G1.5"	13	420 × 260 × 300

Model images are series references. G.W. is retained as stated in the source. Hmax and Qmax are separate maximum ratings, not a combined duty point.

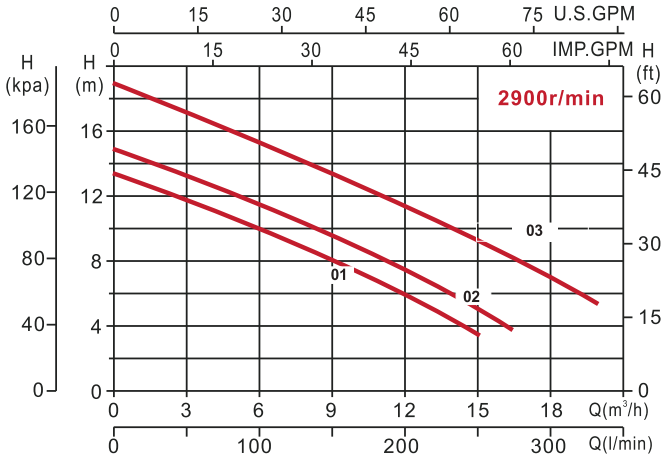
SUMP-ONE

Technical Data Sheet

OVERALL DIMENSION



PERFORMANCE CURVES



SOURCE SPEED: 2900 r/min

Original curves and axes retained. No performance points have been inferred.

DIMENSION REGISTER

MODEL	H	H1	h1	h2	A
CX-20101	360	324	415	80	211
CX-20102	360	324	415	80	211
CX-20103	375	339	430	80	211

DRAWING NOTES

H and H1 are drawing dimensions; h1 identifies the start level and h2 the stop level. The source drawing marks diameter A and the outlet. Dimension units are not explicitly stated in the source.

SUMP-ONE

Materials of Construction & Applications



CONSTRUCTION FEATURES

1. **Open impeller**
   Suitable for solid particles <10 mm.
2. **Double shaft seal**
   Double shaft seal specified in the source.
3. **High-temperature bearing**
   High-temperature bearing specified.
4. **Copper winding**
   Copper winding specified in the source.
5. **Stainless steel housing**
   Stainless steel exterior housing.
6. **Thermal protector**
   USA Ti thermal protector, as stated in the source.

WORKING CONDITIONS

MEDIUM TEMPERATURE

0–40 °C

DIVING DEPTH

Less than 5 m

Liquid level control is provided by the float switch.

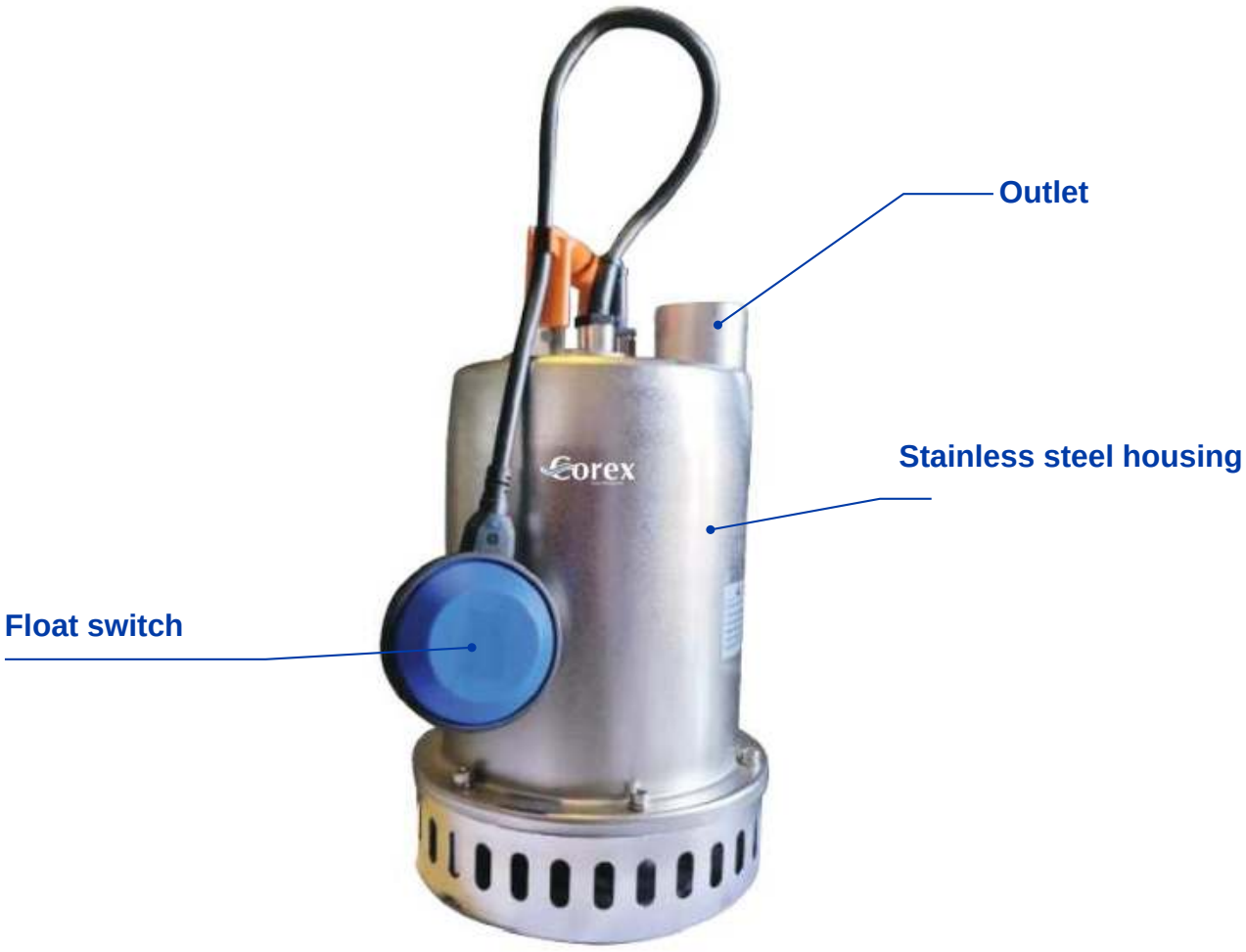
APPLICATIONS

- Clean water and sea water.
- Farming, fountains and water features.
- Water supply, circulation and water changing.
- Gardening and aquarium equipment.
- Landscape waterfalls.
- Water drainage and filtration.

SUMP-ONE

Component Identification & Exploded Reference

Original exterior product reference with source-supported labels.



EXPLODED VIEW — SOURCE REFERENCE REQUIRED

The supplied catalog does not include an exploded assembly, internal component images or a numbered parts list. An accurate exploded view cannot be derived from the exterior photograph alone. This page preserves the original product instead of introducing unverified internal details.