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

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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

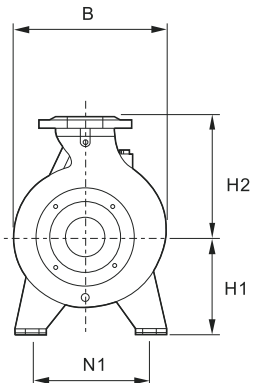


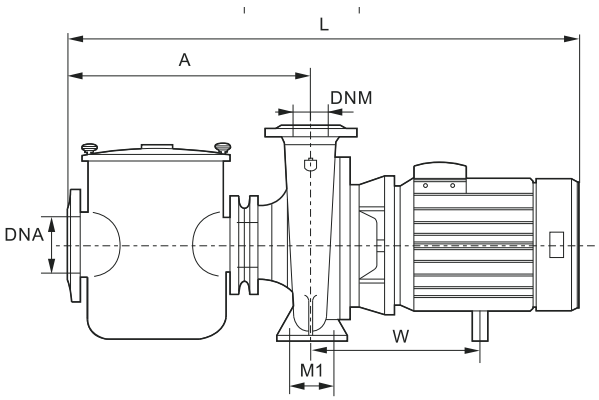
PRODUCT OVERVIEW

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

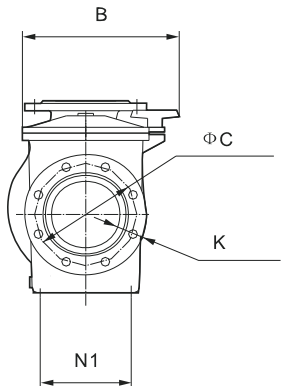


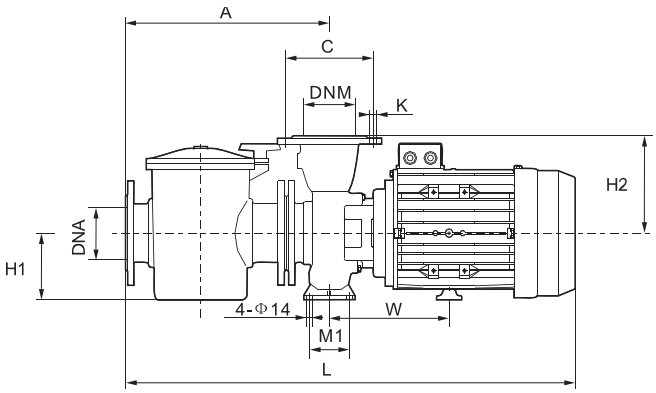
PRODUCT OVERVIEW

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

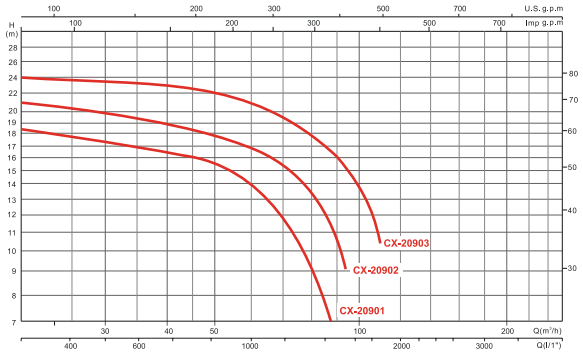
Source performance points for CX-20901, CX-20902 and CX-20903.
Original table values and original curve geometry are retained.



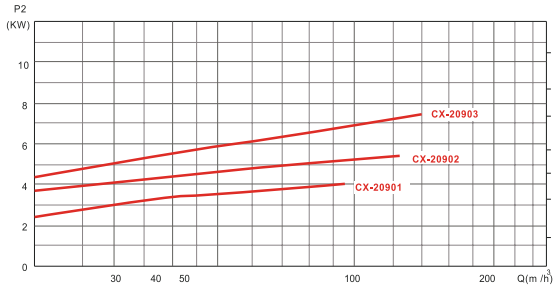
TABULATED PERFORMANCE — H (m)

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

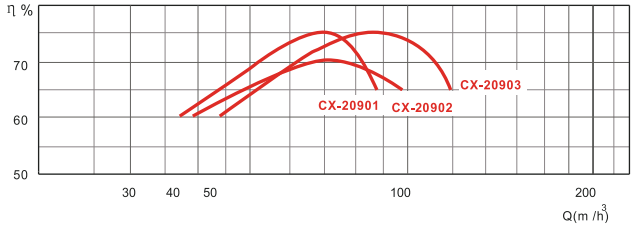
HEAD / FLOW — SOURCE CURVES



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.

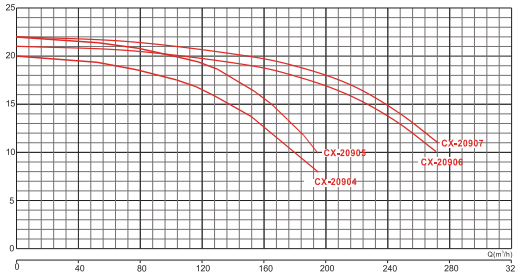
CX-20904 / CX-20905 — H (m)

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

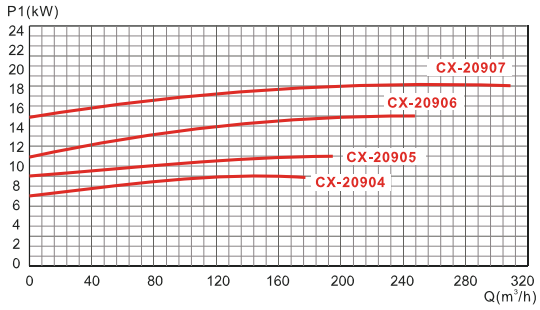
CX-20906 / CX-20907 — H (m)

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

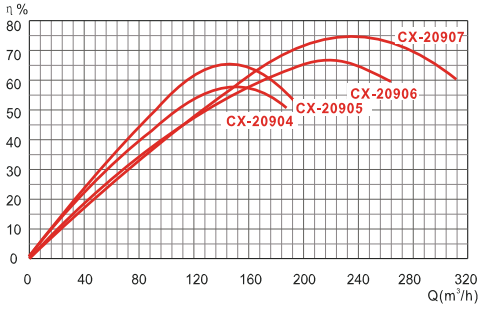
HEAD / FLOW — SOURCE CURVES



POWER INPUT — SOURCE P1



EFFICIENCY — SOURCE CURVES



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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.

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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

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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.