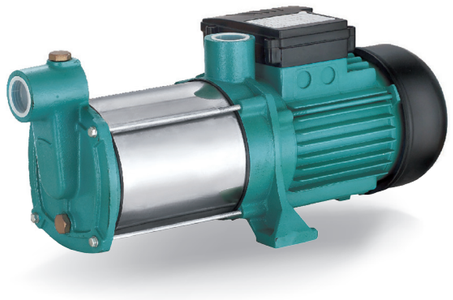
XCm

Stainless Steel Multistage Centrifugal Pump



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply , domestic water supply , high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40℃

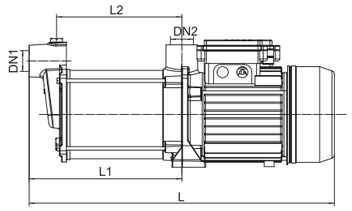
Identification Codes

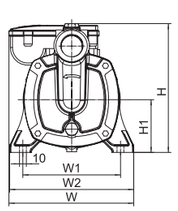
3 XC m 100 S

- S — Stainless Steel Barrel
- 100 — Impeller Nominal Diameter (mm)
- m — Single Phase Motor (Omitted for three-phase motor)
- XC — Centrifugal Pump
- 3 — Impeller Stage

Technical Data

Model		POWER		Q (m³/h)	0	0.6	1.2	2.1	2.4	3.0	3.6	4.2	4.8	5.4
Single Phase	Three Phase	kW	HP	Q (l/min)	0	10	20	35	40	50	60	70	80	90
3XCm100S	3XC100S	0.6	0.8	H (m)	35	33.5	31	28.5	25.5	21.5	16.5	11	5	–
4XCm100S	4XC100S	0.75	1		45	43.5	41	38.5	35	30.5	25.5	19.5	12.5	5
5XCm100S	5XC100S	0.9	1.2		55	52.5	49.5	46.5	42.5	38	32	25	18	10.5

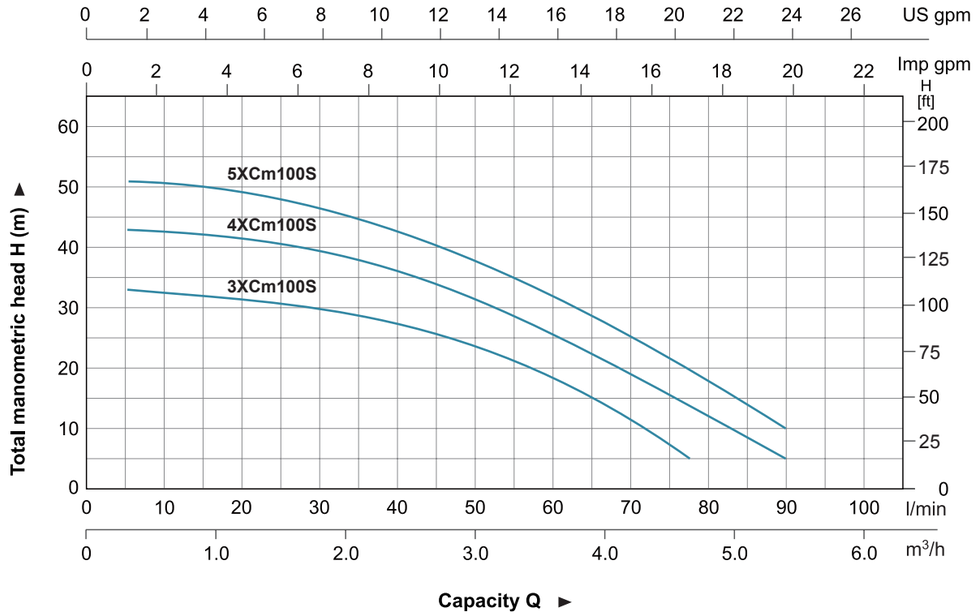




Dimension

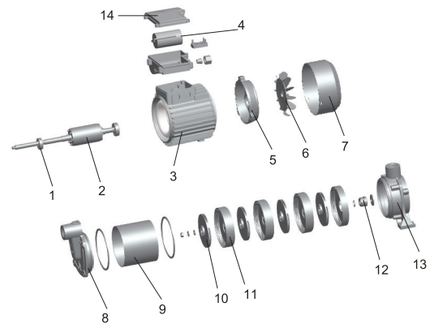
Model	DN1	DN2	L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	W (mm)	W1 (mm)	W2 (mm)
3XCm100S	1"	1"	390	172	132	185	75	179	140	176
4XCm100S			414	196	156	185	75	179	140	176
5XCm100S			438	220	180	185	75	179	140	176

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Bearing	
2	Rotor	
3	Stator	
4	Capacitor	
5	Rear cover	ZL102
6	Fan	PA6
7	Fan cover	08F
8	Pump body	HT200
9	Barrel	AISI 304
10	Impeller	PPO
11	Diffuser	PPO
12	Mechanical seal	Carbon/Ceramic
13	Support	HT200
14	Terminal box	ABS

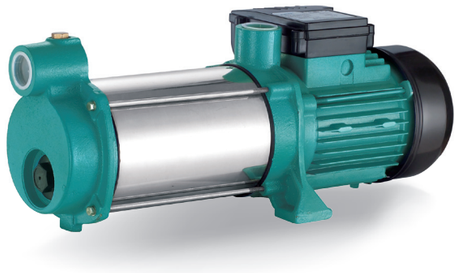


Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3XCm100S	12.4	405	215	230	1314
4XCm100S	13.4	430	210	230	1170
5XCm100S	14.7	455	210	230	1170

XCSm

Stainless Steel Multistage Centrifugal Pump



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply , domestic water supply , high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Pump with self-priming design
- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40℃

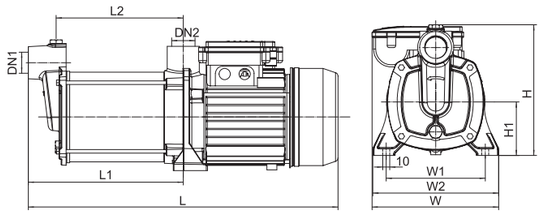
Identification Codes

3 XCS m 100 S

- S — Stainless Steel Barrel
- 100 — Impeller Nominal Diameter (mm)
- m — Single Phase Motor (Omitted for three-phase motor)
- XCS — Self-priming Centrifugal Pump
- 3 — Impeller Stage

Technical Data

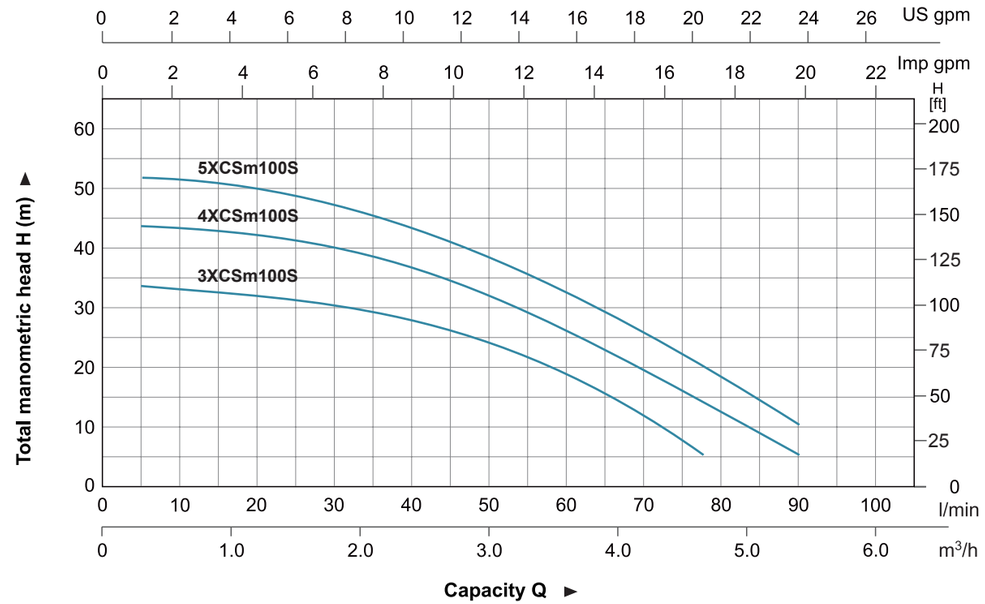
Model		POWER		Q (m^3/h)	0	0.6	1.2	2.1	2.4	3.0	3.6	4.2	4.8	5.4
Single Phase	Three Phase	kW	HP	Q (l/min)	0	10	20	35	40	50	60	70	80	90
3XCSm100S	3XCS100S	0.6	0.8		35	33.5	31	28.5	25.5	21.5	16.5	11	5	–
4XCSm100S	4XCS100S	0.75	1	H (m)	45	43.5	41	38.5	35	30.5	25.5	19.5	12.5	5
5XCSm100S	5XCS100S	0.9	1.2		55	52.5	49.5	46.5	42.5	38	32	25	18	10.5



Dimension

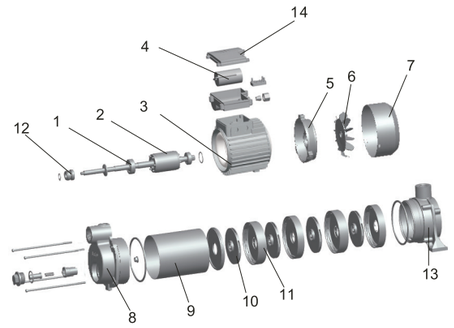
Model	DN1	DN2	L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	W (mm)	W1 (mm)	W2 (mm)
3XCSm100S	1"	1"	435	217	177	185	75	187	140	176
4XCSm100S			458	240	200	185	75	187	140	176
5XCSm100S			483	265	225	185	75	187	140	176

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Bearing	
2	Rotor	
3	Stator	
4	Capacitor	
5	Rear cover	ZL102
6	Fan	PA6
7	Fan cover	08F
8	Pump body	HT200
9	Barrel	AISI 304
10	Impeller	PPO
11	Diffuser	PPO
12	Mechanical seal	Carbon/Ceramic
13	Support	HT200
14	Terminal box	ABS

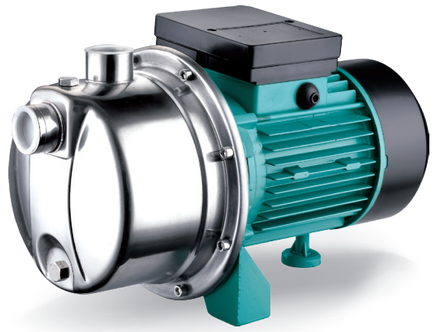


Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3XCSm100S	13.3	455	215	230	1170
4XCSm100S	14.5	480	215	230	1098
5XCSm100S	15.4	505	215	230	1044

XCm

Stainless Steel Multistage Centrifugal Pump



Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for industrial use and urban water supply , domestic water supply , high rise buildings, long distance water transfer and related auxiliary equipment etc.

Pump

- Stainless steel pump body
- AISI 304 shaft
- Max. liquid temperature: +40℃
- Max. suction: +8 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient Temperature: +40℃

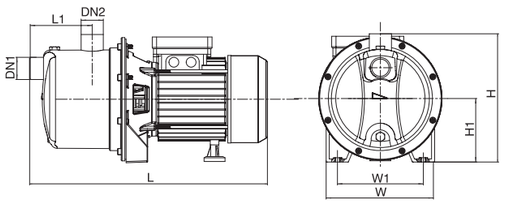
Identification Codes

4 XC m 120 C

- C — Features
- 120 — Impeller Nominal Diameter (mm)
- m — Single Phase Motor (Omitted for three-phase motor)
- XC — Centrifugal Pump
- 4 — Impeller Stage

Technical Data

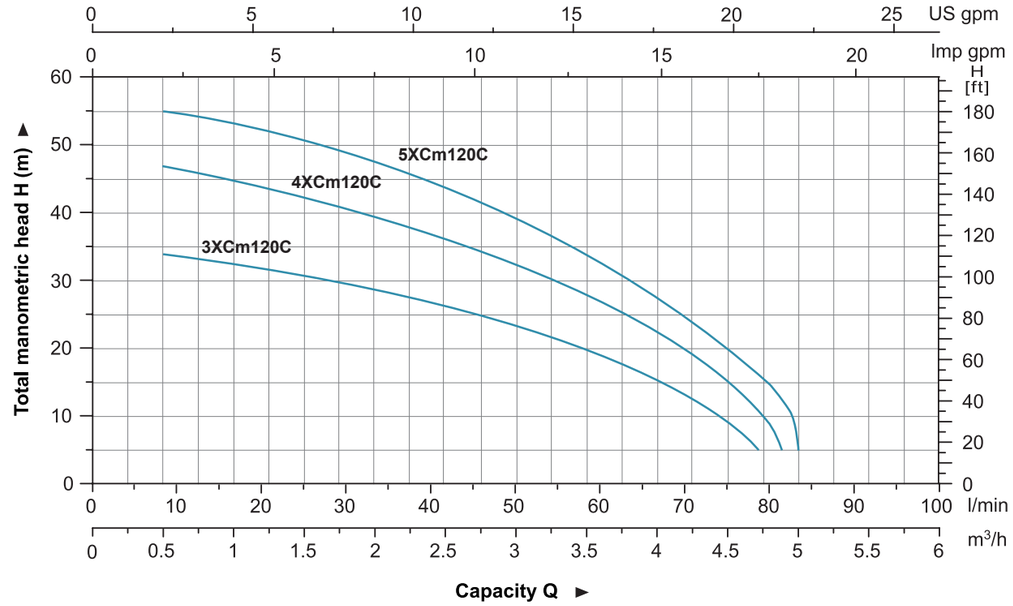
Model		POWER		Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	4.9	5
Single Phase	Three Phase	kW	HP	Q (l/min)	0	10	20	30	40	50	60	70	80	82	84
3XCm120C	——	0.6	0.8	H (m)	34	33	31.5	29	26	22	17.5	11.5	3.5	-	-
4XCm120C	4XC120C	0.75	1		48	45.5	42.5	39.5	36	31.5	26	18.8	9	3	-
5XCm120C	5XC120C	0.9	1.2		56.5	54.5	52	48.2	44	38.5	32	24	15	12.5	3



Dimension

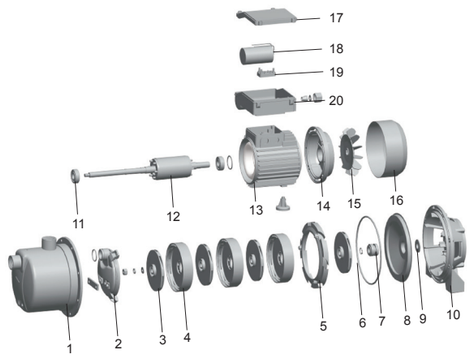
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	W1 (mm)	H1 (mm)
3XCm120C	1"	1"	362	174	208	77	140	103
4XCm120C			386	174	208	104	140	103
5XCm120C			410	174	208	125	140	103

Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Pump body	AISI 304
2	Pump cover	PPO
3	Impeller	PPO
4	Diffuser	PPO
5	Impeller	PPO
6	O-ring	NBR
7	Mechanical seal	Carbon/Ceramic
8	Bracket cover	AISI 304
9	Rubber washer	
10	Support	ZL102
11	Ball bearing	
12	Rotor	
13	Stator	
14	Rear cover	ZL102
15	Fan	PP
16	Fan cover	08F
17	Terminal cover	ABS
18	Capacitor	
19	Terminal	
20	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
3XCm120C	9.5	405	235	265	1072
4XCm120C	10.5	430	235	265	1008
5XCm120C	11.5	455	235	265	960