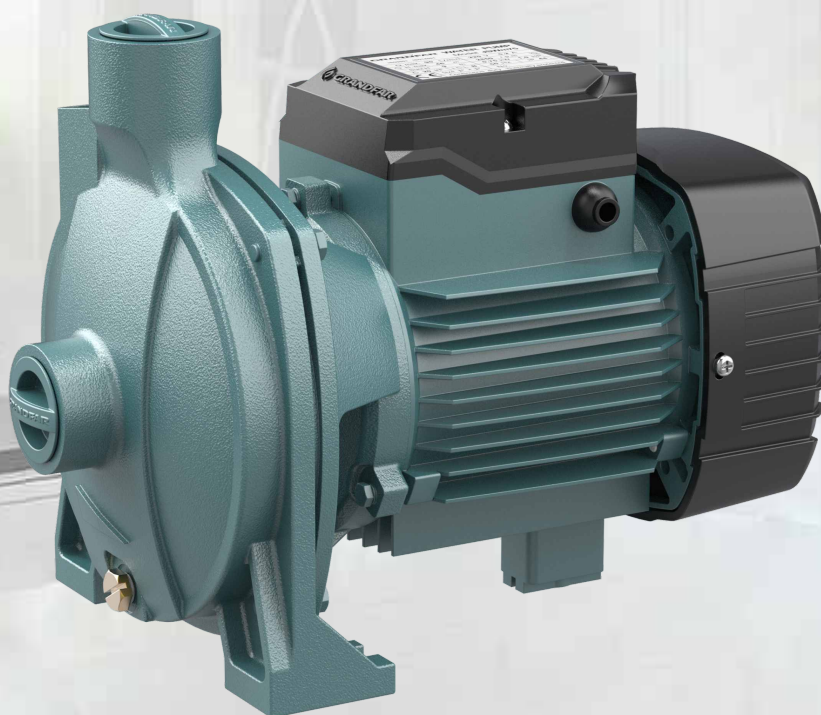


CENTRIFUGAL PUMP

MULTIPLE MODES, NO DEBUGGING USE,
INTELLIGENT MICRO-CONTROL, AUTOMATIC START/STOP



CPM

VERSION K1

CENTRIFUGAL PUMP

ZHEJIANG GRANDFAR PUMP INDUSTRY CO., LTD
E-MAIL: INFO@GRANDFARGROUP.COM

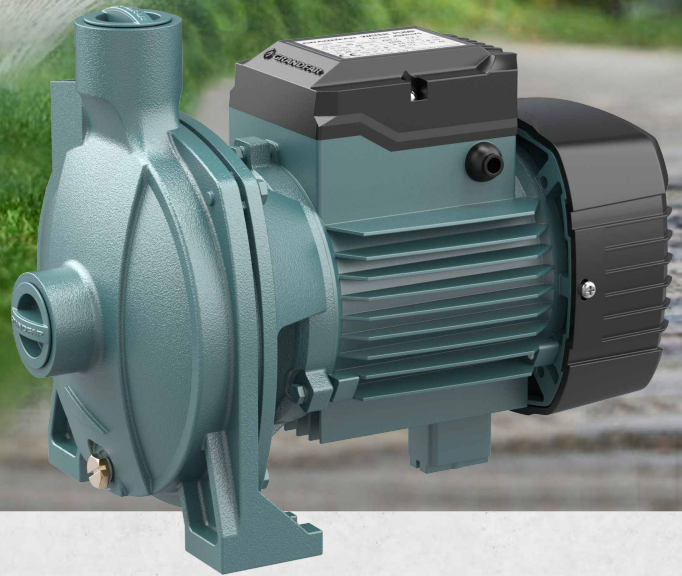


Product
Info



CENTRIFUGAL PUMP

PRODUCT SERIES



DOMESTIC WATER



TAP WATER PRESSURIZED



GARDEN IRRIGATION

CPM

CENTRIFUGAL PUMP

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made.

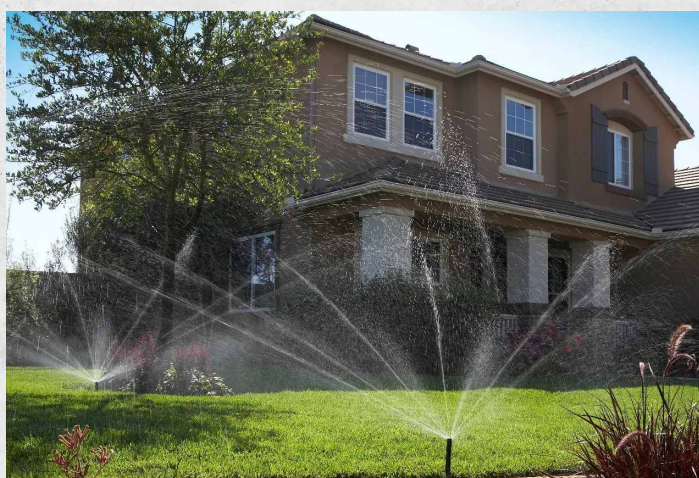

CPM

CENTRIFUGAL PUMP

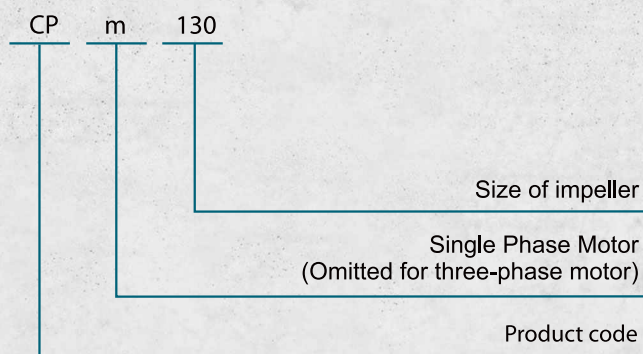
VERSION K1

CENTRIFUGAL PUMP

This series of electric pumps is small in size, light in weight, compact in structure and easy to install. It is an ideal high-efficiency and energy-saving household electric pump. It is widely used in farmland irrigation, sprinkler irrigation, garden sprinkler irrigation, vegetable greenhouse water supply, and aquaculture water supply and drainage. And the occasions where domestic water is used for water extraction from wells, tap water pressurization, etc.



MODEL INSTRUCTION



PUMP CONFIGURATION

- Pump Body: Cast iron
- Impeller: Brass
- Motor Shaft: Stainless steel
- Mechanical Seal: Ceramic-graphite

PUMP FEATURES

- Low noise operation
- Overload protection
- Small size, light weight
- Compact structure, easy to install

PUMP USE PRECAUTIONS

- Before the first use, the water storage tank should be filled with water;
- The PH value of the medium is between **6.5-8.5**;
- The ratio of solid impurities in water does not exceed 0.1%, and the particle size is not larger than 0.2mm;
- When the temperature is lower than 0°C, antifreeze work should be done.

TECHNICAL SPECIFICATIONS

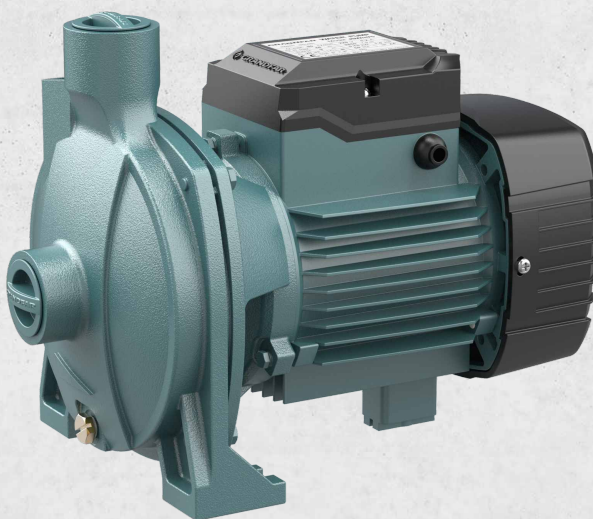
Max.Power	Max.Flow	Max.Head	Suct.Max	Size
Up to 2.2kW	133 l/min	48 m	7 m	1"×1"

INTRODUCTION: 6 ADVANTAGES

The pump is mainly composed of three parts: motor, water pump and seal.

A single-end mechanical seal is installed between the water pump and the motor.

"O"-shaped oil-resistant rubber sealing ring is used for static sealing at the sealing part of the fixed stop.



Easy to install



Energy efficient



Overload
protection



Copper wire
motor

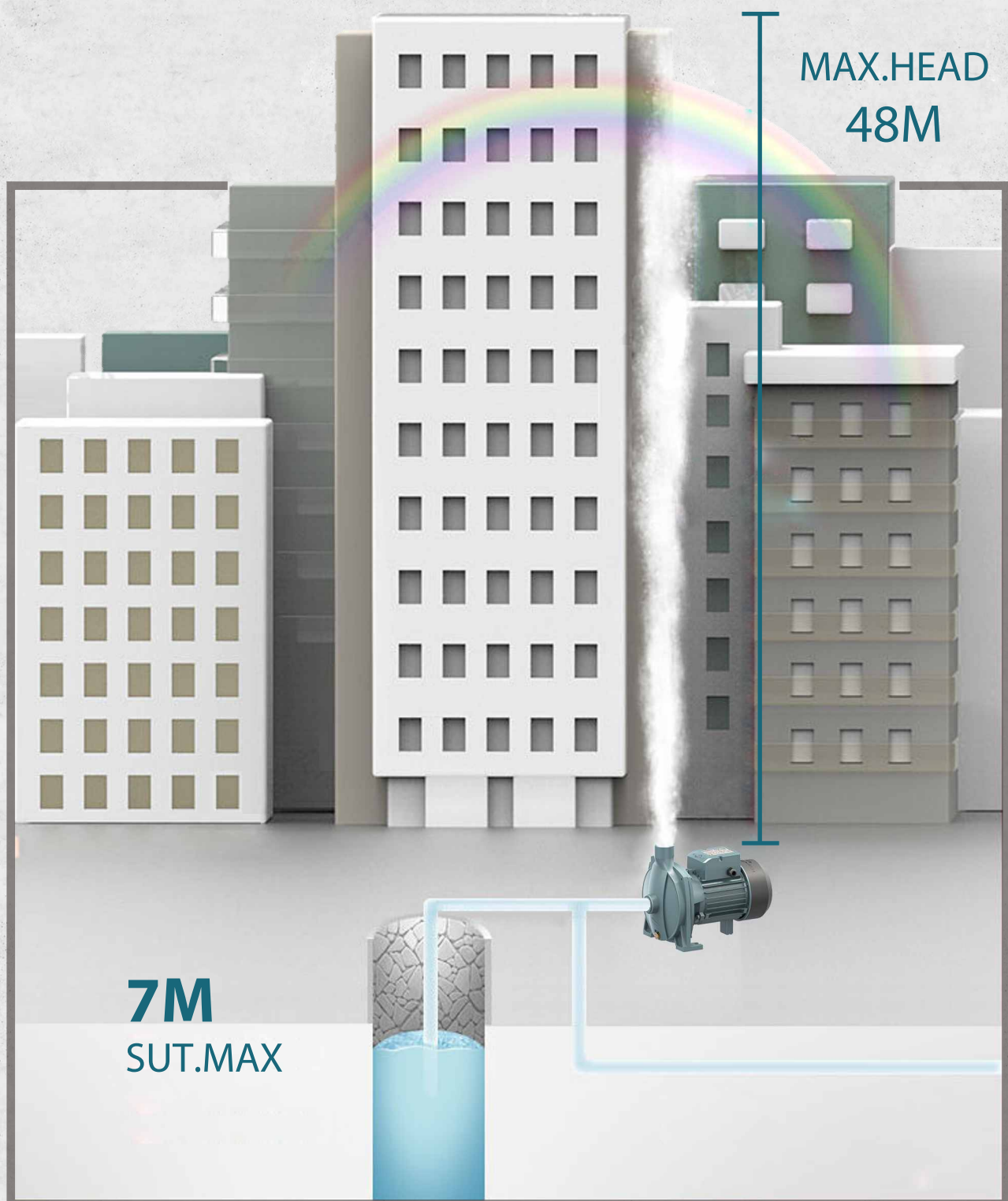


Low-noise
operation



high lift

INTRODUCTION: HIGH HEAD AND HIGH FLOW



INTRODUCTION: PUMP CONFIGURATION

Adopting excellent hydraulic design and reasonable structural equipment, the electric pump has higher efficiency, more stable and quieter operation than similar products;



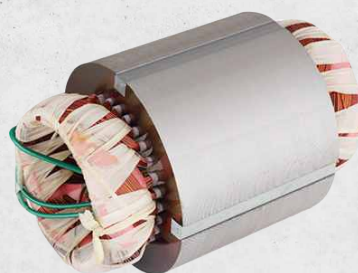
High quality bearing

Wear resistant, smooth running, no jamming



Copper wire motor

High-quality thickened copper wire;
Cold-rolled 800 silicon steel sheet;
Built-in thermal protector.



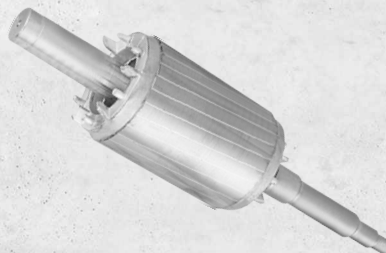
Mechanical Seal

Ceramic to graphite material,
better improve the sealing of the product

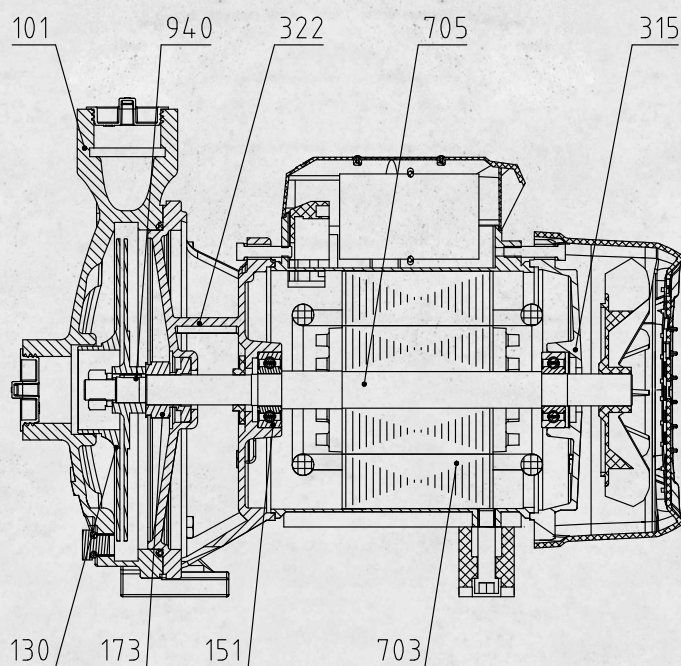


304 Stainless Steel Welded Shaft

Made of intelligent finishing casting, running
smoothly, reducing wear and noise

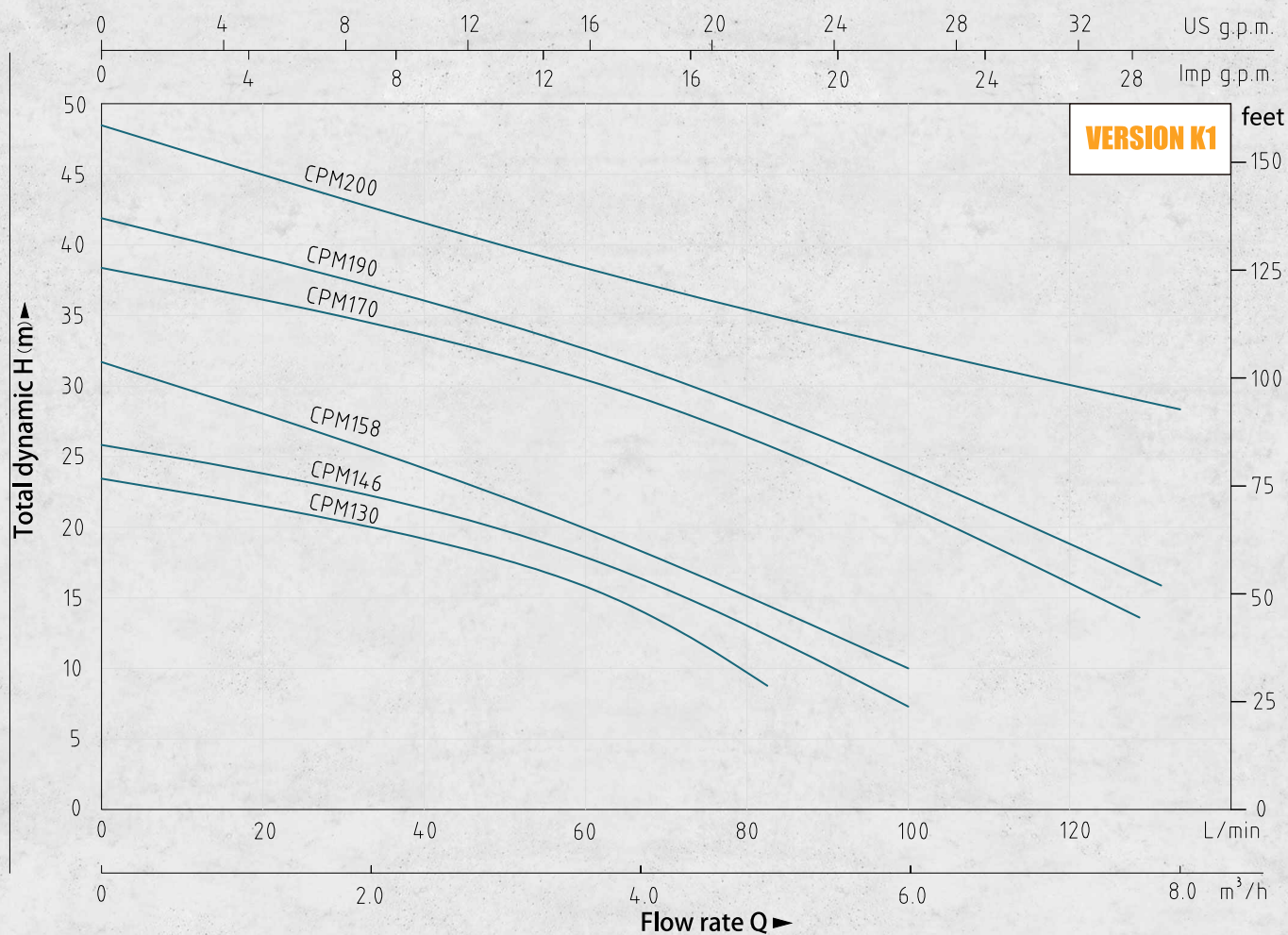


INTRODUCTION: PUMP CONFIGURATION



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
130	IMPELLER	Brass
151	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic - graphite
315	END COVER	Stainless steel
322	COUPLING	Cast iron
703	STATOR CORE	Stator core with winding
705	ROTOR	Stainless steel
940	KEY	Stainless steel

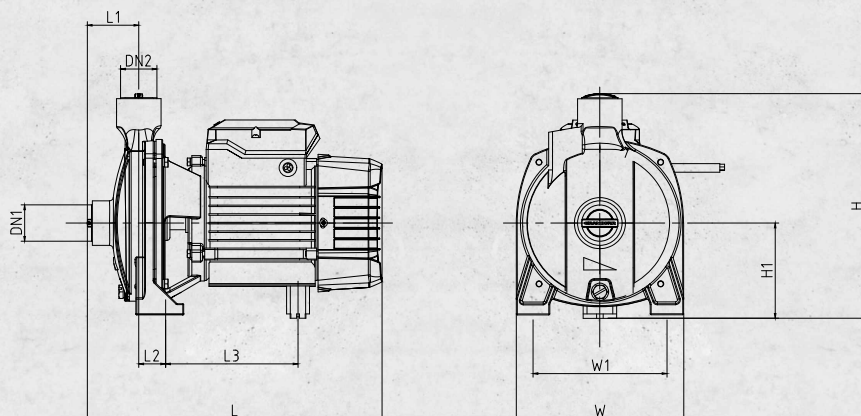
INTRODUCTION: PRODUCT PARAMETERS



Model		Power	Suct.Max.	Size	N/W(kg)		Q(m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8
Single-phase	Three-phase	kW	m	Inch	Single-phase	Three-phase	Q(L/min)	0	15	30	45	60	75	90	105	120	133
CPm130		0.37	7	1"×1"	9.1		H(m)	23	21.9	20.5	18.6	15.8	11.7	-	-	-	-
CPm146		0.55	7	1"×1"	12.5			26	23.4	21.8	20	17.8	14.4	10	-	-	-
CPm158	CP158	0.75	7	1"×1"	14.5	13.5		32	25.7	24.5	22.6	19.8	16.8	12.6	-	-	-
CPm170	CP170	1.1	7	1¼"×1"	19.5	18.7		38	36	34	32.3	30.6	27.1	23.8	21.6	16.9	-
CPm190	CP190	1.5	7	1"×1"	24	23.6		42	38.7	36.4	34.2	32.5	29.7	25.2	22.6	18.2	-
CPm200	CP200	2.2	7	1"×1"	30.5	29.5		48	46	43.5	40.7	38.1	36.3	34.6	33	30.6	27.9

PRODUCT DIMENSIONS

VERSION K1



Model		Dimensions(mm)									
		DN1	DN2	L	W	H	L1	L2	L3	W1	H1
CPm130		1"	1"	269	161	217	50	35	114	125	87
CPm146		1"	1"	312	175	231	54	36	131	140	100
CPm158	CP158	1"	1"	312	190	248	54	40	134	151	103
CPm170	CP170	1.25"	1"	359	205	274	57	38	169	164	119
CPm190	CP190	1"	1"	355	229	296	62	41	155	187	126
CPm200	CP200	1"	1"	419	229	282	62	41	184	187	117



POS.	Model	G.W(kg)	L(cm)	W(cm)	H(cm)
1	CPm130	9.5	29	17.7	22.5
2	CPm146	12.5	34.8	20.2	27
3	CPm158	13.5	34.8	20.2	27
4	CPm170	22	41	25	29
5	CPm190	23.1	41	28.5	34
6	CPm200	33.5	45.5	28	34
7	CP158	13.5	34.8	20.2	27
8	CP170	22	41	25	29
9	CP190	26	41.5	25	29
10	CP200	30	45.5	28	34



GRANDFAR

CONTINUE TO IMPROVE AND INNOVATE