XGm
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, pressure boosting for high buildings and fire fighting, garden irrigation, long-distance water transfer, heating ventilation and air conditioning, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

Pump

- Cast iron pump body and support under special anti-rust treatment
- AISI 304 shaft
- Max. liquid temperture: +60˚C
- Max.suction: + 8m

Motor

- Low noise & Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperture: +50˚C
- IE 2 motor for XG/1A

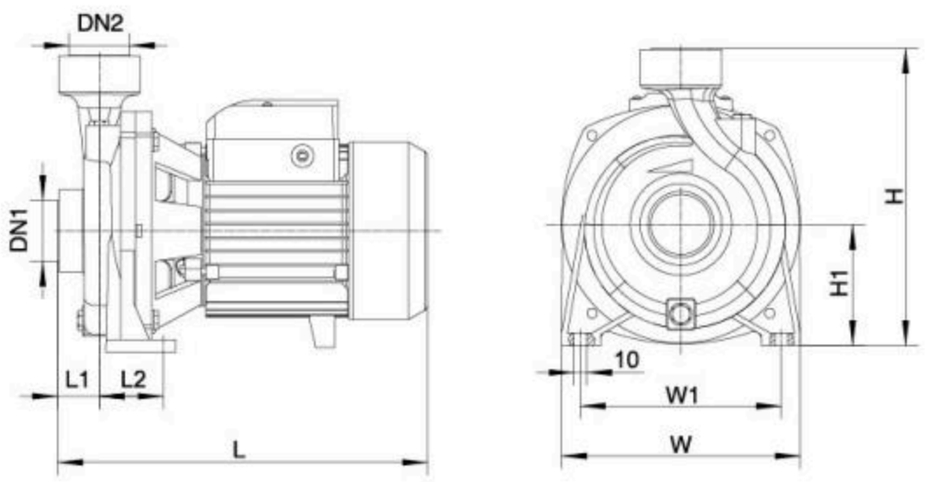
Identification Codes

XG m / 1 A

- A: Original Impeller; B: Impeller with Cut
- Semi-open Impeller
- Single Phase Motor (Omitted for three-phase motor)
- Centrifugal Pump

Technical Data

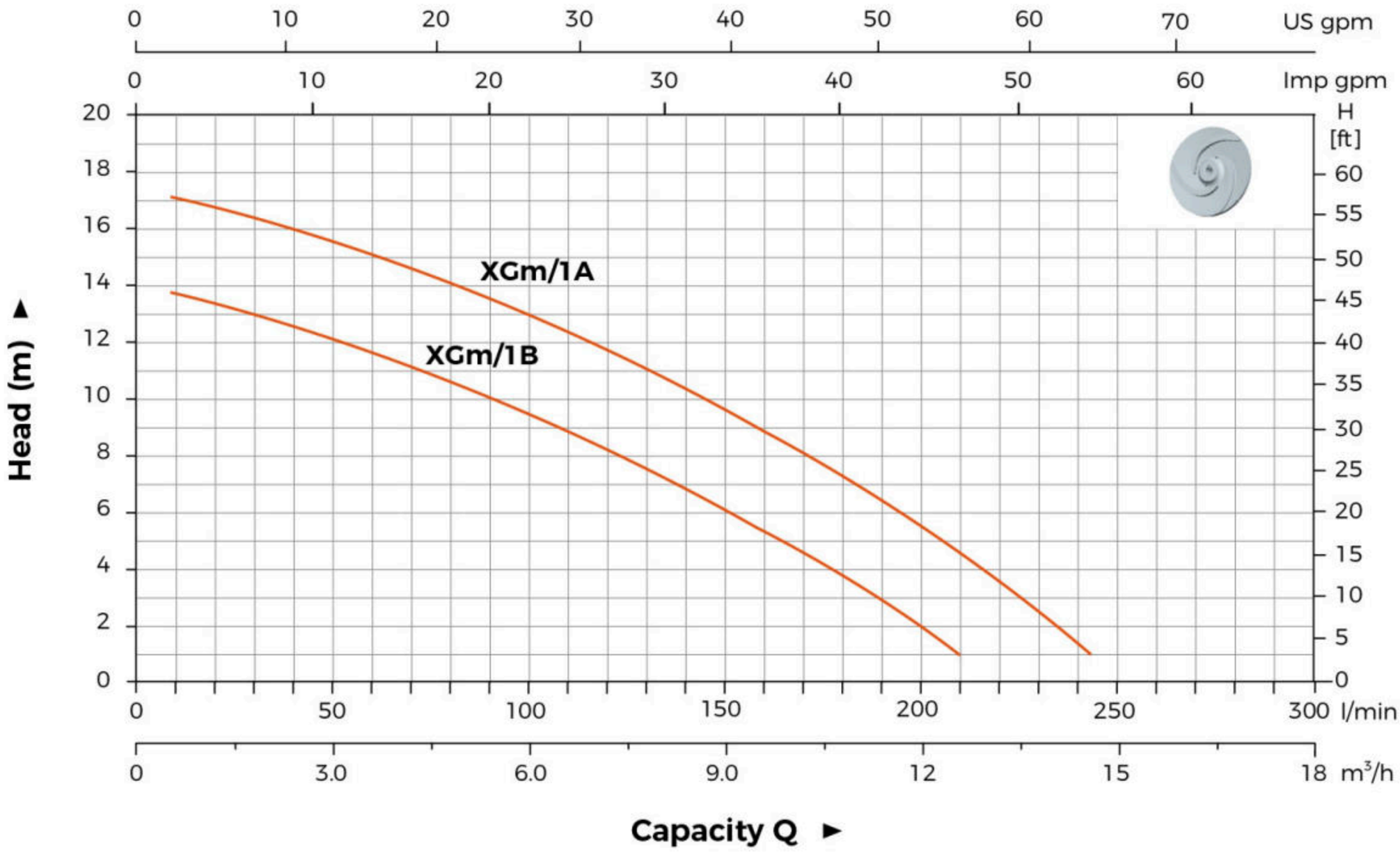
Model		Power		Q(m^3/h)	0	2.4	4.2	6	7.8	9.6	11.4	13.2	14.7
Single Phase	Three Phase	kW	HP	Q(l/min)	0	40	70	100	130	160	190	220	245
XGm/1A	XG/1A	0.75	1.0	H (m)	17.5	16	14.5	13	11	9	6.5	3.5	1
XGm/1B	XG/1B	0.6	0.8		14	12.5	11	9.5	7.5	5.5	3	-	-



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
XG(m)/1A	G1 1/2	G1 1/2	312	193	239	45	48	160	100
XG(m)/1B									

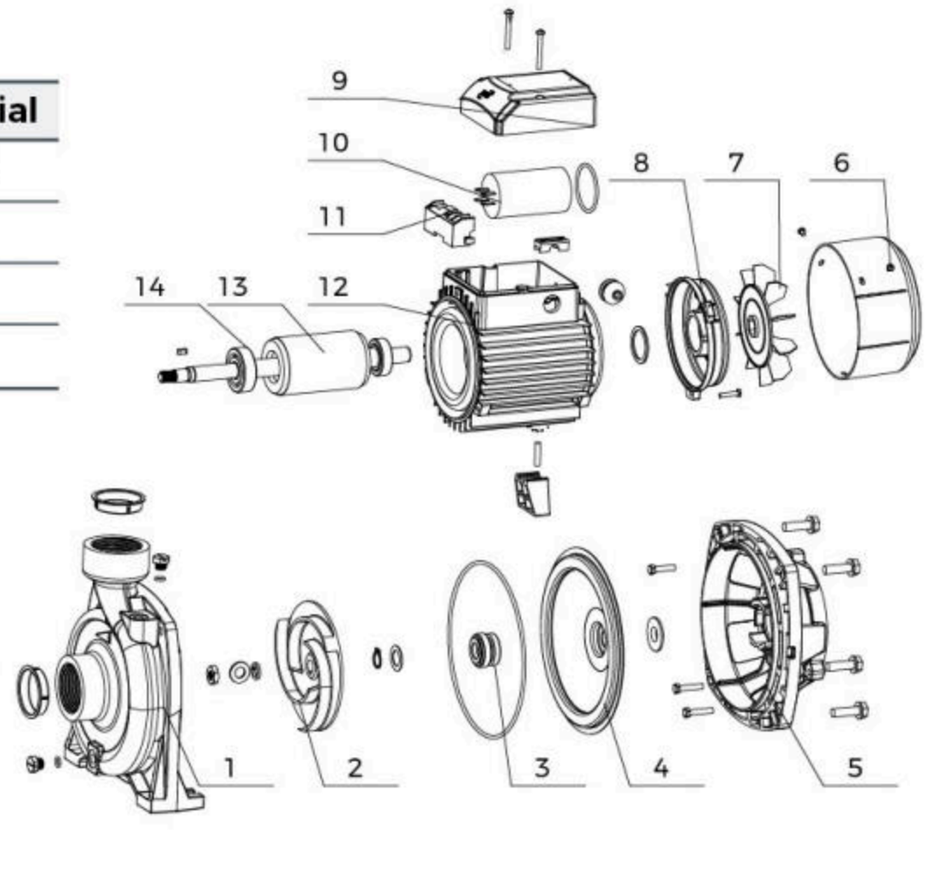
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Pump body	HT200
2	Impeller	HPb59-1
3	Mechanical seal	
4	Bracket cover	AISI304
5	Bracket	ADC12
6	Fan cover	PP
7	Fan	PP-GF10
8	End plate	ADC12
9	Cover box	ABS
10	Capacitor	

No.	Part	Material
11	Wiring base assembly	PC
12	Stator	
13	Rotor	
14	Deep grove ball bearing	



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
XG(m)/1A	12.95	325	210	265	1512
XG(m)/1B	12.3	325	210	265	1512

