



# ***GDX Series***

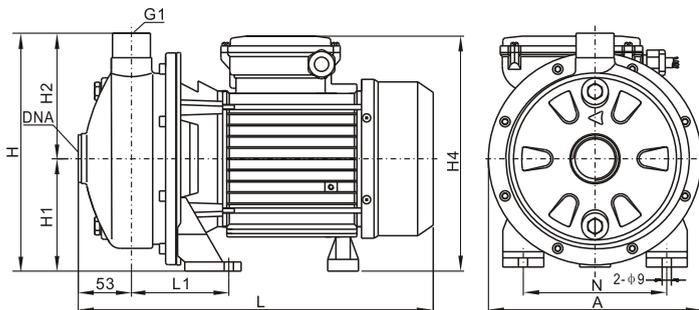
***Japan Engineering Standard***



**ความเชื่อมั่นระดับสากล**

# GDX Series

## Overall dimension



Model	A	L1	N	H	H1	H2	Single phase		Three phase		DNA
							L	H4	L	H4	
GDX70/037(T)	208	93	120	229	106	123	327	214	327	212	G1 $\frac{1}{4}$
GDX70/055(T)	208	93	120	229	106	123	327	214	327	212	G1 $\frac{1}{4}$
GDX90/075(T)	208	93	120	229	106	123	327	214	327	212	G1 $\frac{1}{4}$
GDX120/055(T)	208	93	120	229	106	123	327	214	327	212	G1 $\frac{1}{4}$
GDX120/090(T)	208	93	120	229	106	123	327	217	327	212	G1 $\frac{1}{4}$
GDX120/150(T)	232	95	140	250	118	132	367	238	352	229	G1 $\frac{1}{4}$
GDX200/090(T)	208	93	120	229	106	123	327	217	327	212	G1 $\frac{1}{2}$
GDX200/150(T)	208	95	140	229	106	123	367	226	352	217	G1 $\frac{1}{2}$
GDX200/185(T)	232	109	140	250	118	132	382	256	382	236	G1 $\frac{1}{2}$

Big shaft(Φ14),good inflexibility,high strength



### Features

- ◆ Overflow parts and shaft are made of stainless steel (304 or 316);
- ◆ Volute pump body, hydraulic expansion technology, efficient, compact and firm.
- ◆ Mechanical shaft seal, safe and reliable.
- ◆ Single phase motor is equipped with USA TI thermal protector.

### Application

- ◆ Circular cleaning system for industrial production lines in all fields.
- ◆ Home water system, booster unit.
- ◆ Agricultural and horticultural sprinkler irrigation.
- ◆ Cooling tower.

### Working conditions

Medium temperature:  
Standard model: -20°C~+70°C  
High temperature: -20°C~+104°C  
Environmental temperature: ≤+50°C  
Max.working pressure: 1.0MPa

Thermal Protector

Single Phase

Insulation

F

Protection

IP55

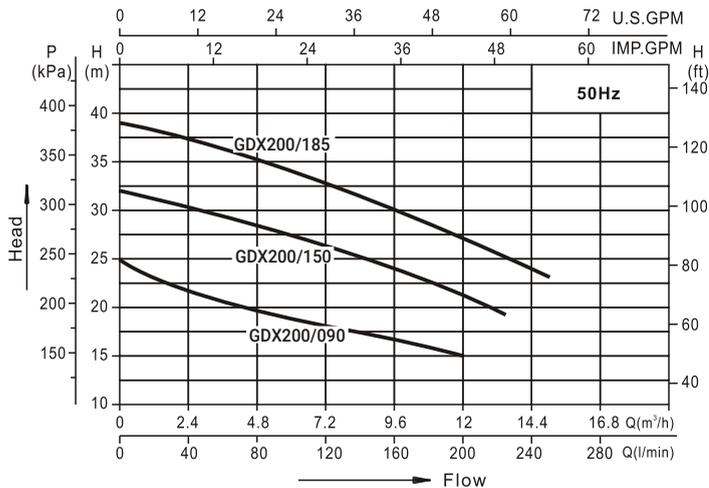
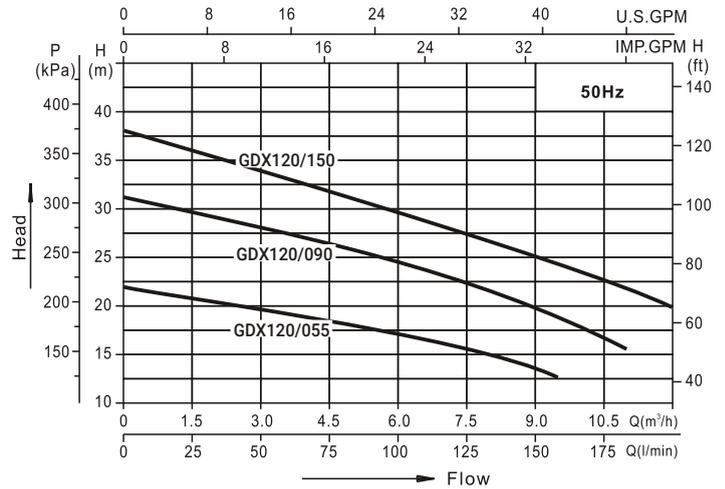
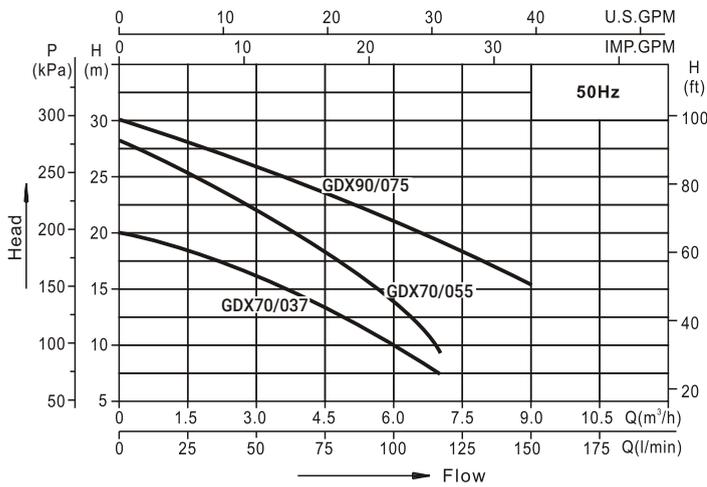


**DURABLE**  
**STURDY**  
**ENERGY SAVING**  
**HIGH EFFICIENCY**

## Technical Table

Model	Power kW	(Amps)		Speed (rpm)	Rated flow (m <sup>3</sup> /h)	Rated head (m)	G.W (Kg)	Packing size (mm)
		220V	380V					
GDX(M)70/05	0.55	3.8	1.4	2900	4.2	14	7.9	370×235×270
GDX(M)70/07	0.75	5.2	1.8	2900	4.2	19	9.1	370×235×270
GDX(M)90/10	1.0	6.2	2.4	2900	5.4	22	11.2	370×235×270
GDX(M)120/07	0.75	5.2	1.8	2900	7.2	16	9.7	370×235×270
GDX(M)120/12	1.1	7.0	2.6	2900	7.2	23	10.9	410×235×270
GDX(M)120/20	2.2	14	4.1	2900	7.2	28	15.5	1~410×255×300 3~395×255×300
GDX(M)200/12	1.1	7.0	2.6	2900	9	18	13.7	410×235×270
GDX(M)200/20	2.2	14	4.1	2900	12	22	15.5	1~410×235×270 3~395×235×270
GDX(M)200/25	2.2	14	4.1	2900	12	27	22.7	425×255×300

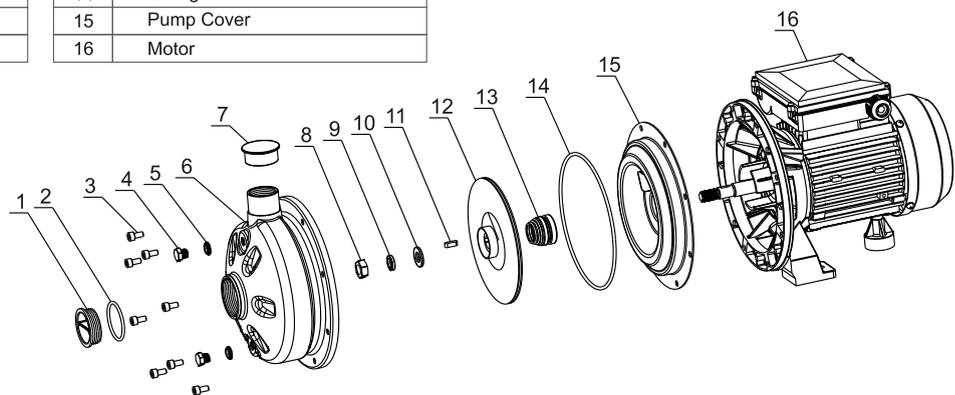
## Performance curves



Model	flow (m³/h)	1.2	3.0	4.2	5.4	6.6	7.2	9.0	10.8	12	15
GDX(M)70/05	head (m)	19	16	14	11	8	-	-	-	-	-
GDX(M)70/07		26	22	19	16	12	-	-	-	-	-
GDX(M)90/10		28.5	26	24.5	22	20	19	15	-	-	-
GDX(M)120/07		-	19.5	19	17.5	16.5	16	13.5	-	-	-
GDX(M)120/12		-	28	27	25	24	23	20	16	-	-
GDX(M)120/20		-	33.8	32.8	31	29.5	28	25.3	21.8	19.5	-
GDX(M)200/12		-	-	20	19.5	19	18.5	18	15.5	15	-
GDX(M)200/20		-	-	29	28	27	26.5	24.5	23	22	-
GDX(M)200/25		-	-	36	35	34	33	31.5	29	27	23

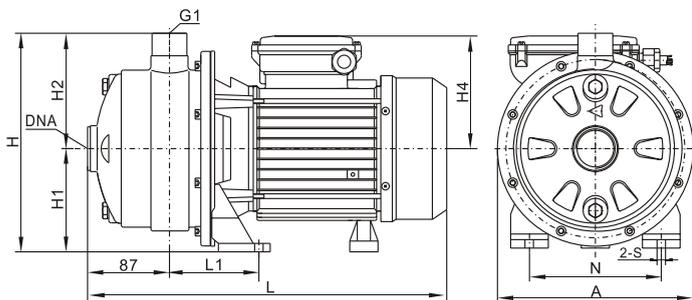
NO.	Name
1	Dust cap
2	O-ring
3	Inside hexagon bolt
4	Plug
5	Plug pad
6	Pump Casing
7	Dust cap
8	Hexagon Nut

NO.	Name
9	Spring washer
10	Washer
11	Key
12	Impeller
13	Mechanical Seal
14	O-ring
15	Pump Cover
16	Motor



# 2GDX Series

## Overall dimension



Model	A	L1	N	H	H1	H2	S	Singlephase		Threephase		DNA
								L	H4	L	H4	
2GDX(M)70/10	208	93	120	229	106	123	9	356	108	356	102	G1½
2GDX(M)70/12	208	95	140	229	106	123	9	382	120	382	111	G1½
2GDX(M)70/15	230	95	140	249	118	131	9	382	132	382	111	G1½
2GDX(M)70/20	230	109	140	249	118	131	9	397	132	382	111	G1½
2GDX(M)120/15	208	95	140	229	106	123	9	382	132	382	111	G1½
2GDX(M)120/20	208	109	140	229	106	123	9	397	132	382	118	G1½
2GDX120/30	230	109	140	249	118	131	9			415	118	G1½
2GDX120/40	230	109	140	249	118	131	9			437	118	G1½
2GDX200/30	208	109	140	229	106	123	9			415	118	G1½
2GDX200/40	230	109	140	249	118	131	9			437	118	G1½
2GDX200/50	230	109	160	249	118	131	12			469	148	G1½

Big shaft(Φ16),good inflexibility,high strength



### Features

- ♦ Overflow parts and shaft are made of stainless steel (304 or 316);
- ♦ Volute pump body, hydraulic expansion technology, efficient, compact and firm.
- ♦ Mechanical shaft seal, safe and reliable.
- ♦ Single phase motor is equipped with USA TI thermal protector.

### Application

- ♦ Circular cleaning system for industrial production lines in all fields.
- ♦ Home water system, booster unit.
- ♦ Agricultural and horticultural sprinkler irrigation.
- ♦ Cooling tower.

### Working conditions

Medium temperature:  
 Standard model: -20°C~+70°C  
 High temperature: -20°C~+104°C  
 Environmental temperature: ≤+50°C  
 Max.working pressure: 1.0MPa

Thermal Protector

Single Phase

Insulation

F

Protection

IP55

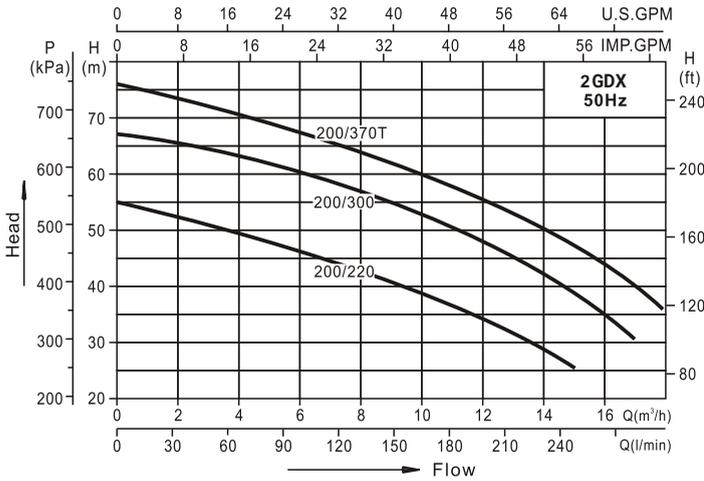
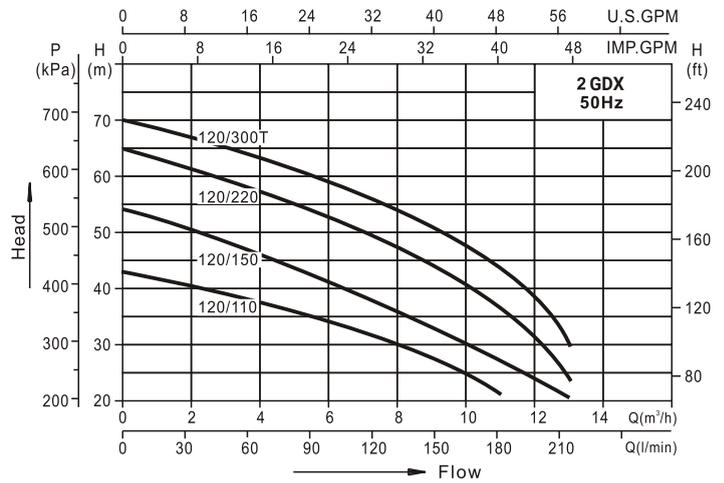
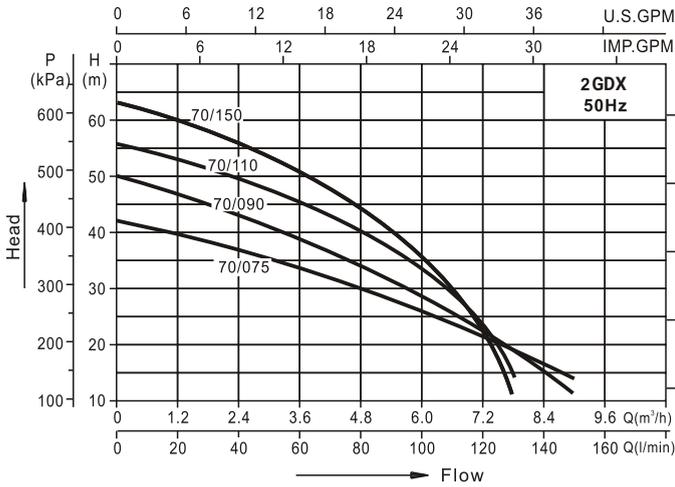


**DURABLE**  
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**HIGH EFFICIENCY**

## Technical Table

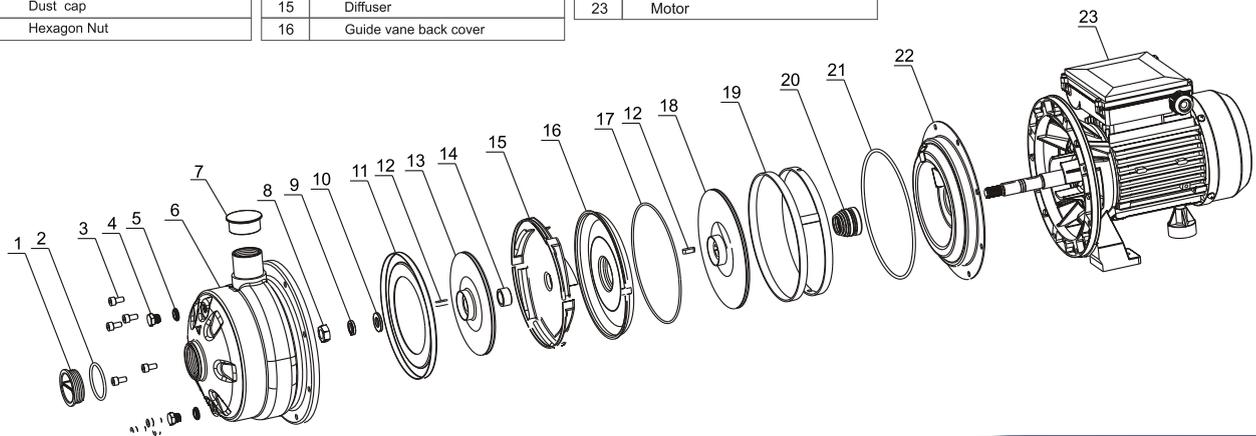
Model	Power kW	(Amps)		Speed (rpm)	Rated flow (m³/h)	Rated head (m)	G.W (Kg)	Packing size (mm)
		220V	380V					
2GDX(M)70/10	1.0	6.2	2.4	2900	4.2	30	11.8	405×235×270
2GDX(M)70/12	1.1	7.0	2.6	2900	4.2	34	13	425×235×270
2GDX(M)70/15	1.5	9.2	3.5	2900	4.2	43	17.7	425×255×330
2GDX(M)70/20	2.2	14	4.1	2900	4.2	48	19	1~440×255×330 3~425×255×330
2GDX(M)120/15	1.5	9.2	3.5	2900	7.2	32	16.8	425×235×300
2GDX(M)120/20	2.2	14	4.1	2900	7.2	38	18.2	1~445×235×300 3~425×235×300
2GDX120/30	3.0	—	6.3	2900	7.2	49	24	455×255×330
2GDX120/40	3.0	—	6.3	2900	7.2	56	26	475×255×330
2GDX200/30	3.0	—	6.3	2900	12	34	24.3	455×235×315
2GDX200/40	4.0	—	7.5	2900	12	48	26	475×255×315
2GDX200/50	4.7	—	8.7	2900	12	55	30.8	505×255×340

## Performance curves



Model	flow (m³/h)	1.2	3.0	4.2	5.4	6.6	7.2	9.0	10.8	12	15	17
2GDX70/075(T)	head (m)	40	36	30	28	24	21	14	-	-	-	-
2GDX70/090(T)		46	41	37	31	25	22	12	-	-	-	-
2GDX70/110(T)		52.5	48	43	35.5	29.5	25	-	-	-	-	-
2GDX70/150(T)		58	53.5	48	41	32.5	20	-	-	-	-	-
2GDX120/110(T)	-	40	38	35	33	32	27.5	22	-	-	-	-
2GDX120/150T	-	48.5	46	43	40	38	33.5	27	-	-	-	-
2GDX120/220T	-	59	57	54	52	49	45.5	38	23	-	-	-
2GDX120/300T	-	65	63	60.5	58	56	51.5	45	38	-	-	-
2GDX200/220T	-	-	49	47.5	46	45	41.5	36	34	25.5	-	-
2GDX200/300T	-	-	63	61	60	58	55	51	48	39	31	-
2GDXh	h	v200/370T	-	70	69	67	65	62	57.5	55	47	40

NO.	Name	NO.	Name	NO.	Name
1	Dust cap	9	Spring washer	17	O-ring
2	O-ring	10	Washer	18	Secondary Impeller
3	Inside hexagon bolt	11	Guide vane front cover	19	Pressure ring
4	Plug	12	Key	20	Mechanical Seal
5	Plug pad	13	First Impeller	21	O-ring
6	Pump Casing	14	Shaft sleeve	22	Pump Cover
7	Dust cap	15	Diffuser	23	Motor
8	Hexagon Nut	16	Guide vane back cover		



# GTx

## JAPAN ENGINEERING STANDARD

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 02-899-5241-4

 GTx ปั๊มน้ำเพื่อคนไทย

  International  
Organization for  
Standardization