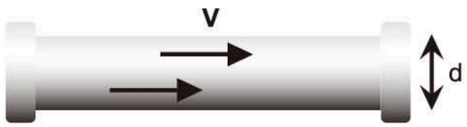
BASIC CONCEPTS & INFORMATION

To choose a proper pump we need to know 2 basic values: Flow and Head or Lift Pressure.

Flow (Q)
Q=A X v

A: Surface area of delivery pipe, π x (d/2)2 [m2]
v: speed of liquid (water) in the pipe [m/s]
Q: the quantity of liquid (water) flowing trough the pipe in a certain period.

- 1 litre/s = 3.6 m³/h
- 1 litre/min = 0.06 m³/h



Delivery Head (Hi)

The maximum possible height between the inlet point of the pump and the water outlet point (normally a tap)[m].

Suction Head(Hs)

The height between the water level in the sump and the suction port of the pump [m].

Geometrical Height (Hg)

hg=hs+hi (Positive Suction)
hg=hi-hs (Negative Suction)

Negative Suction

Positive Suction

MINIMUM WATER CONSUMPTION IN SINGLE-FAMILY DAILY WATER SUPPLY:

Kitchen + bathroom = 1.7 m³/h
Kitchen + bathroom + WC = 1.8 m³/h
Kitchen + 2 bathrooms = 2 m³/h
Kitchen + 3 bathrooms = 2.2 m³/h

APPROXIMATE CONSUMPTION FOR GARDENS WITH SURFACE AREA:

Surface (m²)	100	200	300	400
Flow (m³/h)	0.75	1.5	2.25	3

E.g. If we want to calculate the flow required for a home with 1 KITCHEN and 2 BATHROOMS and 200 m2 of garden.
Here is goes:

KITCHEN + 2 BATHROOMS + 200 m^2 = 2 m^3/h + 1.5 m^3/h = 3.5 m^3/h

CONTENTS

01-02 **DKm-B** Micro Peripheral Pump 

03-04 **DGP-A** Self-priming Peripheral Pump 

05-06 **A1** Self-priming Peripheral Pump 

07-08 **A1-ZW/ZJ** Self-priming Peripheral Pump 

09-10 **DJSm** Stainless Steel Multistage Centrifugal Pump 

11-12 **Cm-Y** Centrifugal Pump 

13-14 **DSm** Centrifugal Pump 

15-16 **DHm** Centrifugal Pump 

17-18 **JET-SDM** Stainless Steel Jet Pump 

19-20 **A3** Stainless Steel Jet Pump 

21-22 **JETm-Y** Jet Pump 

23-24 **JETm-YH** Jet Pump 

25-26 **JA** Jet Pump for Deep Well 

27-28 **DSWm** Swimming Pool Pump 

29-32 **QDX-(F)A** Submersible Pump 

33-36 **QDX-(F)B** Submersible Pump 

37-40 **Accessories** Tank / Electromagnetic Switch 

DKm-B

Micro Peripheral Pump

Private House

Agricultural



DKm



Optional with 24L air tank

Application

Small living water supply
Automatic water sprinkler system
Small air conditioner system or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

DK m 60 - 1 B

- DAYUAN code
- Improvement code
- Impeller nominal diameter(mm)
- Single phase
- Micro peripheral pump

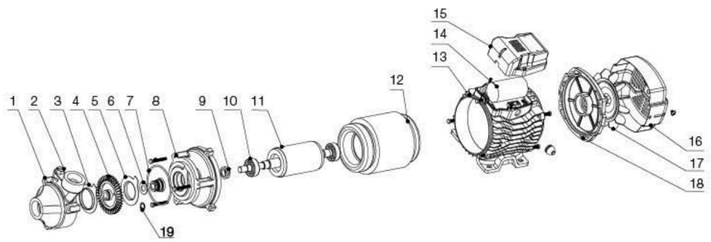
Pump

Cast iron pump body
Brass impeller
AISI 304 shaft
Max. liquid temperature: +60°C
Max suction: +8m

Motor

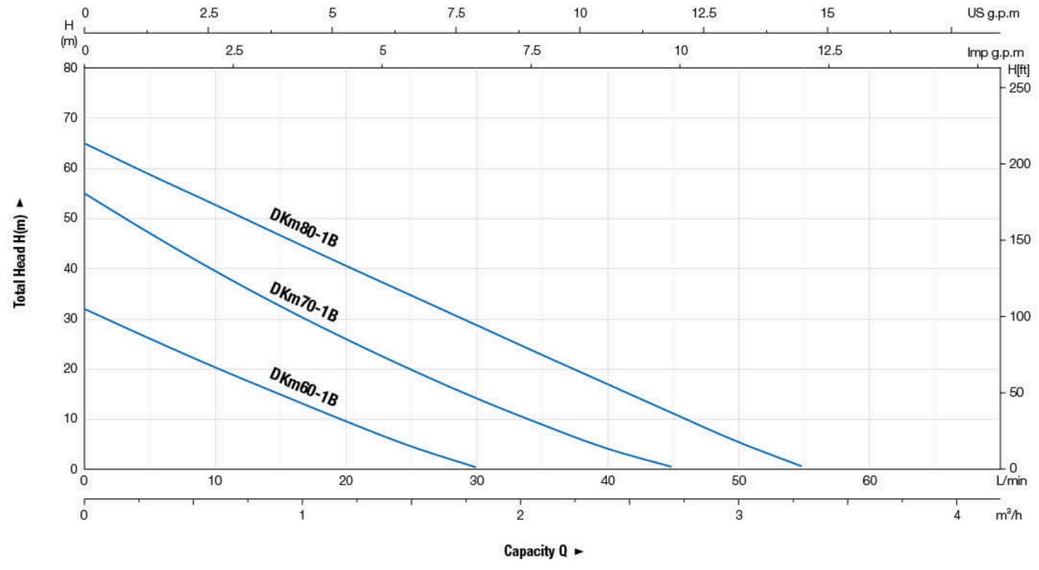
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: B
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	HT200	8	Connector	HT200	15	Capacitor cover	ABS
2	Filling plug	Brass	9	Water-throwing ring	NBR	16	Fan cover	Iron
3	Pump body insert	AISI304	10	Bearing		17	Fan	PP
4	Impeller	Brass	11	Rotor		18	Rear cover	ZL102
5	Connector insert	AISI304	12	Stator		19	Flat washers	AISI304
6	Flat key	AISI304	13	Motor base	ZL102			
7	O ring	NBR	14	Capacitor				

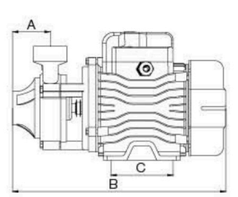
Performance Curves

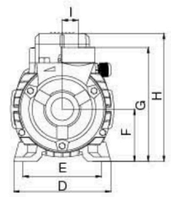


Technical Table n=3000 r/min

Model	Power		DN	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
	kW	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45	50	55
DKm60-1B	0.37	0.5	1"x1"		32	26.1	20.4	15	9.7	4.7	0.5	/	/	/	/	/
DKm70-1B	0.55	0.75	1"x1"	H(m)	55	47.1	39.6	32.6	26.1	20	14.3	9.1	4.3	0.6	/	/
DKm80-1B	0.75	1	1"x1"		65	58.8	52.8	46.7	40.7	34.8	28.9	23	17.2	11.4	5.7	0.7

Installation Size and Package Information







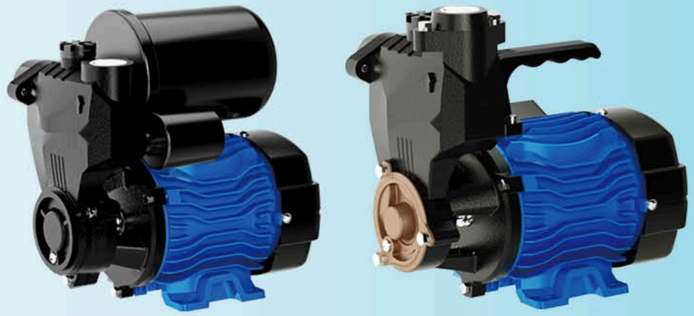
Model	A	B	C	D	E	F	G	H	I	Weight (kg)	Packaging Size (mm)	QTY/20GP
DKm60-1B	41	245	70	112	95	63	131	150	14	4.7	267×145×172	3750
DKm70-1B	48	278	76	139	110	71	148	174	18.5	8.2	317×173×195	2335
DKm80-1B	51	288	76	139	110	71	155	174	21.5	9.7	317×173×195	2060

DGP-A

Self-priming Peripheral Pump

Private House

Agricultural



DGP-A

DGP

Application

Small living water supply
Automatic water sprinkler system
Small air conditioner system or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

DGP 750 - A

- With 2L air tank
- Rated Power (w)
- Micro Peripheral Pump

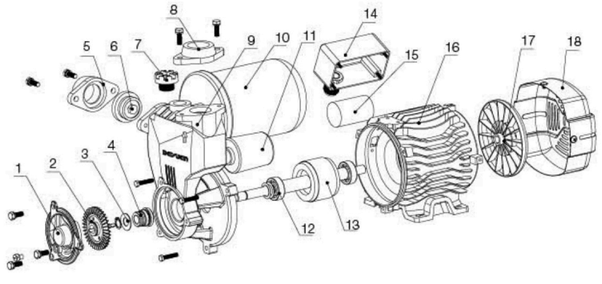
Pump

Cast iron pump body
Brass impeller
AISI 304 shaft
Max. liquid temperature: +60°C
Max suction: +8m

Motor

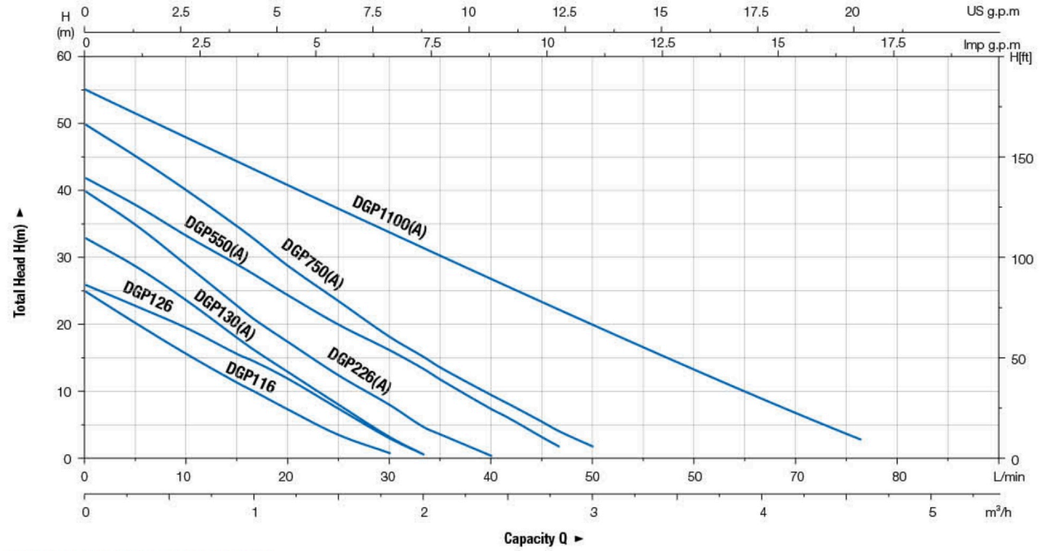
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump bonnect	Brass/HT200	7	Filling plug	PP	13	Rotor	
2	Impeller	Brass	8	Outlet connector	HT200	14	Capacitor cover	ABS
3	Flat washers	AISI304	9	Pump body	HT200	15	Capacitor	
4	Mechanical seal	Ceramic-graphite	10	Pressure tank		16	Motor base	ZL102
5	Inlet connector	HT200	11	Pressure switch		17	Fan	PP
6	Check valve		12	Bearing		18	Fan cover	Iron

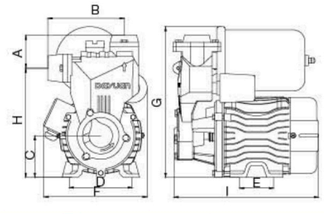
Performance Curves

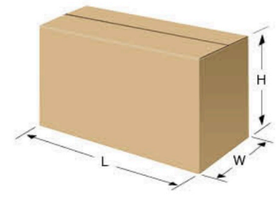


Technical Table n=3000 r/min

Model	Power		DN	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2	4.5	4.6
	kW	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	76.7
DGP116	0.125	0.16	1"x1"		25	20.2	15.6	11.3	7.3	3.5	0.8	/	/	/	/	/	/	/	/	/	/
DGP126	0.25	0.33	1"x1"		26	22.8	19.5	15.6	11.9	7.4	3	/	/	/	/	/	/	/	/	/	/
DGP130(A)	0.37	0.5	1"x1"		33	28.7	23.6	18	12.9	8	3.2	/	/	/	/	/	/	/	/	/	/
DGP226(A)	0.45	0.6	1"x1"	H(m)	40	34.9	28.9	22.8	17.4	12.4	8	3.6	0.4	/	/	/	/	/	/	/	/
DGP550(A)	0.55	0.75	1"x1"		42	37.9	33.3	29	24.4	20	16.2	11.8	7.4	3.2	/	/	/	/	/	/	/
DGP750A	0.75	1	1"x1"		50	45.2	40.1	34.7	28.8	23.5	18.2	13.6	9.5	5.5	1.8	/	/	/	/	/	/
DGP1100A	1.1	1.5	1½"x1½"		55	51.9	48.3	45	41	37.3	33.8	30.4	26.8	23.3	19.7	16.1	12.7	9.5	6.6	3.8	2.8

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
DGP116	35	112	63	102	67	140	200	153	230	5.1	260×175×225	2540
DGP126	56	122	71	116	65	176	256	186	246	8	290×200×290	1540
DGP130(A)	56	122	71	116	65	176	256	186	246	8.5	290×200×290	1540
DGP226(A)	55	141	71	110	65	176	257	203	245	10	285x205x305	1450
DGP550(A)	59	159	69	108	77	183	275	221	275	12.3	310×235×320	1115
DGP750A	59	159	69	108	77	183	275	221	275	13.1	310×235×320	1115
DGP1100A	72	187	71	108	95	230	313	241	310	16.1	350×280×390	680

A1

Self-priming Peripheral Pump

Private House

Agricultural



A1-(S)

Application

Small living water supply
Automatic water sprinkler system
Small air conditioner system or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

A1 - 370 (S)

- (S): Three-phase (Omitted for single phase)
- 370: Rated power(w)
- A1: Self-priming Peripheral pump

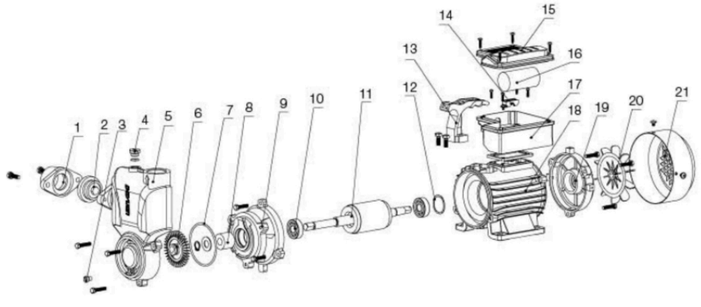
Pump

Cast iron pump body
Brass impeller
AISI 304 shaft
Max. liquid temperature: +60°C
Max suction: +8m

Motor

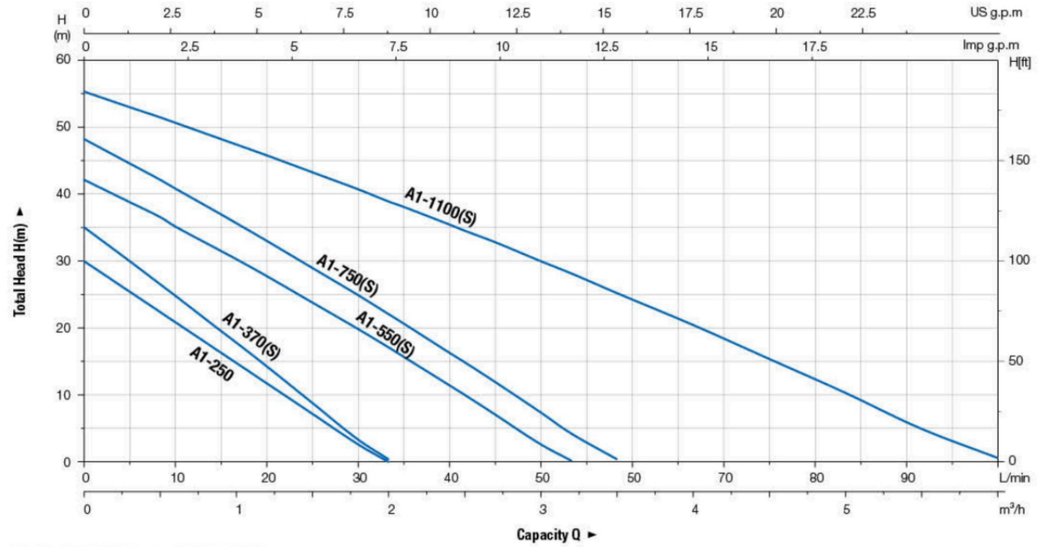
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Inlet connector	HT200	8	Mechanical seal	Ceramic-graphite	15	Capacitor cover	ABS
2	Check valve		9	Connector	HT200	16	Capacitor	-
3	Drain plug	Iron	10	Bearing		17	Terminal box	ABS
4	Filling plug	Brass	11	Rotor		18	Stator	
5	Pump body	HT200	12	Wave washer	65Mn	19	Rear cover	ZL102
6	Impeller	Brass	13	Handle	ABS	20	Fan	PP
7	O ring	NBR	14	Platen	PP	21	Fan cover	Iron

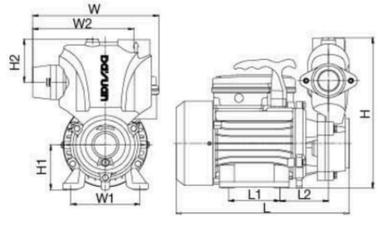
Performance Curves

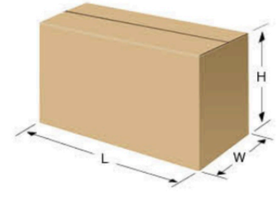


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.5	4	4.5	5	5.5	6
	kW	HP	Q(l/min)	0	5	10	15	20	25	30	35	40	45	50	58.3	66.7	75	83.3	91.2	100
A1-250	0.25	0.37		30	25.5	21	16.5	12	7.5	3	/	/	/	/	/	/	/	/	/	/
A1-370(S)	0.37	0.5		35	30	24.9	19.7	14.5	9.1	3.7	/	/	/	/	/	/	/	/	/	/
A1-550(S)	0.55	0.75	H(m)	42	38.7	35.1	31.5	27.8	23.9	20	15.9	11.7	7.4	3	/	/	/	/	/	/
A1-750(S)	0.75	1		48	44.4	40.7	36.9	33	29	25	20.8	16.5	12.2	7.7	0.8	/	/	/	/	/
A1-1100(S)	1.1	1.5		55	52.7	50.4	48	45.6	43.1	40.6	38	35.4	32.8	30	25.3	20.6	15.6	10.6	5.3	1

Installation Size and Package Information





Model	L (mm)	W (mm)	H (mm)	H1 (mm)	H2 (mm)	W1 (mm)	W2 (mm)	L1 (mm)	L2 (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
A1-250	255	177	211	63	60	97	142	77	66	6.3	290x205x255	1650
A1-370(S)	255	177	211	63	60	97	142	77	66	6.8/6.3	290x205x255	1650
A1-550(S)	278	187	241	71	63	110	162	84	67.5	10.3/9.8	315x220x285	1265
A1-750(S)	278	187	241	71	63	110	162	84	67.5	10.8/10.3	315x220x285	1265
A1-1100(S)	329	203	285	90	70	123	167	106	77.5	17.5/17	360x245x330	855

A1-ZW/ZJ

Self-priming Peripheral Pump

Private House

Agricultural



A1-ZJ

A1-ZW

Application

Small living water supply
Automatic water sprinkler system
Small air conditioner system or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

A1 - 200 ZW / ZJ

- With mechanical switch
- With micro switch
- Rated power(w)
- Self-priming Peripheral pump

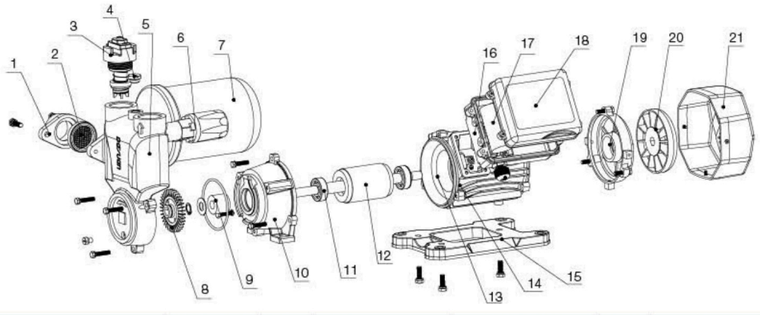
Pump

Cast iron pump body
Brass impeller
AISI 304 shaft
Max. liquid temperature: +60°C
Max suction: +8m

Motor

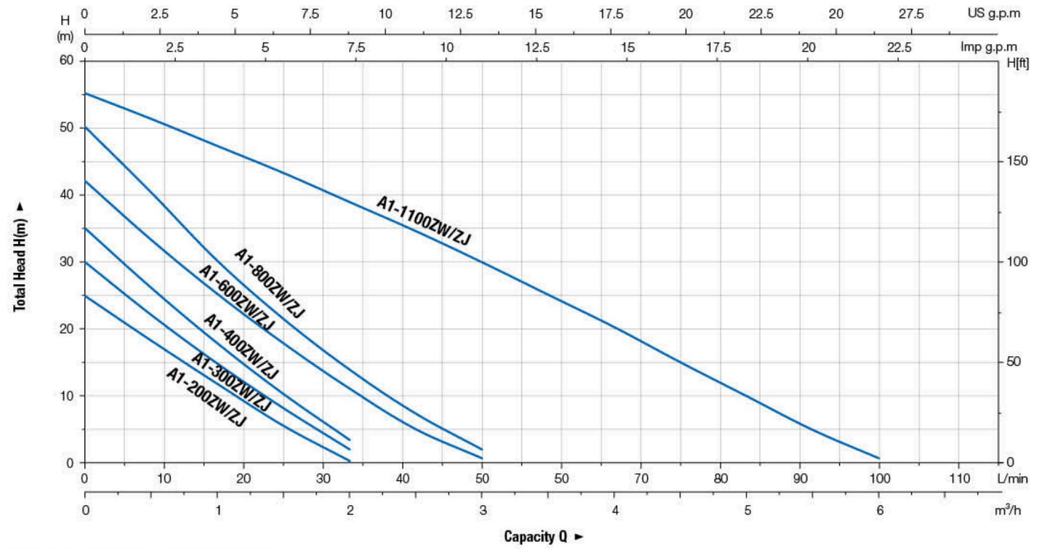
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Inlet connector	HT200	9	Mechanical seal	Ceramic-graphite	17	Capacitor	
2	Check valve		10	Connector	HT200	18	Terminal box cover	ABS
3	Drain plug	Iron	11	Bearing		19	Rear cover	ZL102
4	Filling plug	Brass	12	Rotor		20	Fan	PP
5	Pump body	HT200	13	Stator		21	Fan cover	PP
6	Micro switch/ Mechanical switch		14	Motor base	ZL102			
7	Pressure tank		15	Base plate	PP			
8	Impeller	Brass	16	Terminal box	ABS			

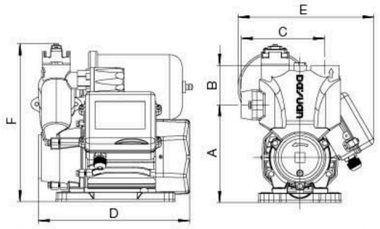
Performance Curves

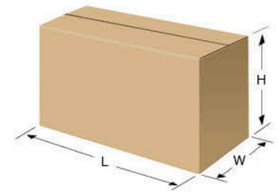


Technical Table n=3000 r/min

Model	Power		DN	Q(m³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
	kW	HP		Q(l/min)	0	8.3	16.7	25	33.3	41.7	50	58.3	66.7	75	83.3	91.7	100
A1-200ZW/ZJ	0.2	0.27	1"x1"	H(m)	25	18.4	12	5.8	0.6	/	/	/	/	/	/	/	/
A1-300ZW/ZJ	0.3	0.35	1"x1"		30	22.2	15	8.4	2.3	/	/	/	/	/	/	/	/
A1-400ZW/ZJ	0.4	0.55	1"x1"		35	26.2	18	10.5	3.7	/	/	/	/	/	/	/	/
A1-600ZW/ZJ	0.6	0.75	1"x1"		42	33.3	25.3	18	11.3	5.3	1	/	/	/	/	/	/
A1-800ZW/ZJ	0.8	1	1"x1"		50	40.3	30.2	21.6	14.1	7.6	2.3	/	/	/	/	/	/
A1-1100ZW/ZJ	1.1	1.5	1½"x1½"		55	51.2	47.2	43.2	38.9	34.6	30	25.2	20.4	15.2	10.2	5.2	1

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
A1-200ZW/ZJ	157	63	134	255	214	248	8	305×245×295	1180
A1-300ZW/ZJ	157	63	134	255	214	248	8.5	305×245×295	1180
A1-400ZW/ZJ	157	63	134	255	214	248	8.8	305×245×295	1180
A1-600ZW/ZJ	190	63	156	278	228	282	12.1	315×245×330	1020
A1-800ZW/ZJ	190	63	156	278	228	282	12.5	315×245×330	1020
A1-1100ZW/ZJ	222	70	169	326	260	320	20.5	360×285×360	705

DJSm

Stainless Steel Multistage Centrifugal Pump

Private House

Agricultural



DJSm

Application

Rural water supply and civilian water application
Long-distance water transfer or supporting auxiliary equipment
Pressure boosting for high rise buildings
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

DJSm102 / 2

- 2 — Impeller Stage
- 102 — Centrifugal Pump

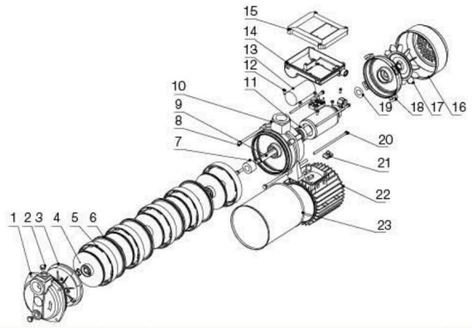
Pump

Cast iron pump body
PPO impeller
AISI 304 shaft
Max. liquid temperature: +60°C

Motor

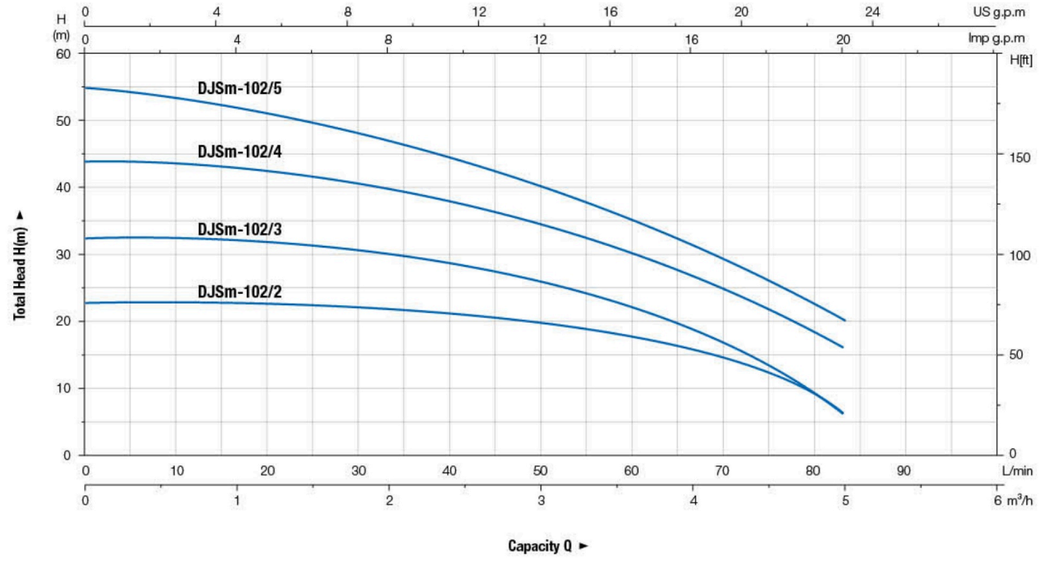
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	HT200	9	Rotor		17	Fan	PP
2	Drain plug	Brass	10	Connector	HT200	18	Rear cover	ZL102
3	Drain cover	PPO	11	Bearing		19	Wave washer	65Mn
4	Impeller	PPO	12	Screw	AISI201	20	Hex bolts	AISI201
5	Diffuser	PPO	13	Capacitor		21	Support	
6	Diffuser cover	PPO	14	Terminal box	ABS	22	Motor base	ZL102
7	Mechanical seal	Ceramic-graphite	15	Capacitor cover	ABS	23	Pump casing	AISI304
8	Hex bolts	AISI201	16	Fan cover	Iron			

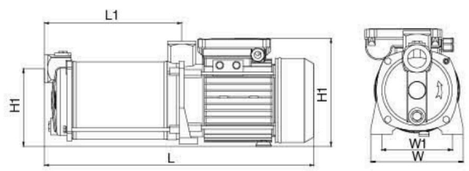
Performance Curves

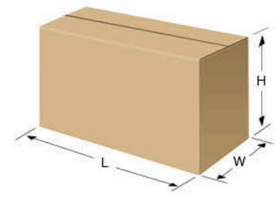


Technical Table n=3000 r/min

Model	Power		DN	Q(m³/h)	0	1	2	3	4	5
	kW	HP		Q(l/min)	0	16.7	33.3	50	66.7	83.3
DJSm-102/2	0.6	0.8	1"x1"	H(m)	23	22	21	20	8	6
DJSm-102/3	0.9	1.3	1"x1"		32	31	30	25	17	6
DJSm-102/4	1.1	1.5	1"x1"		44	43.5	40	33	25	16
DJSm-102/5	1.3	1.8	1"x1"		55	52	47	40	31	20

Installation Size and Package Information





Model	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
DJSm-102/2	371	153	169	120	183	125	9.5	400x195x260	1232
DJSm-102/3	396	177	169	120	183	125	10	425x195x260	1160
DJSm-102/4	420	202	169	120	183	125	10.5	450x195x260	1095
DJSm-102/5	445	226	169	120	183	125	11.5	475x195x270	999

Cm-Y

Centrifugal Pump

Private House

Agricultural



Cm-Y

Application

Rural water supply and garden irrigation
HVAC and circulation & pressure boosting for cold and hot water
Long-distance water transfer or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

25 C m 370 Y

- Y — DAYAUN Code
- 370 — Rated Power(w)
- m — Single phase(Omitted for three phase)
- C — Centrifugal Pump
- 25 — In./Out. Diameter (mm)

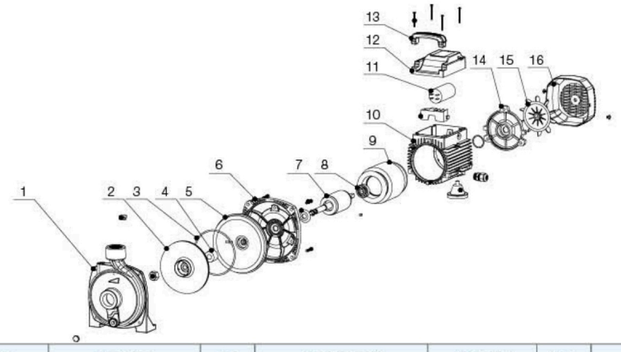
Pump

Cast iron pump body
Brass/Stainless steel impeller
AISI 304 shaft
Max. liquid temperature: +60°C

Motor

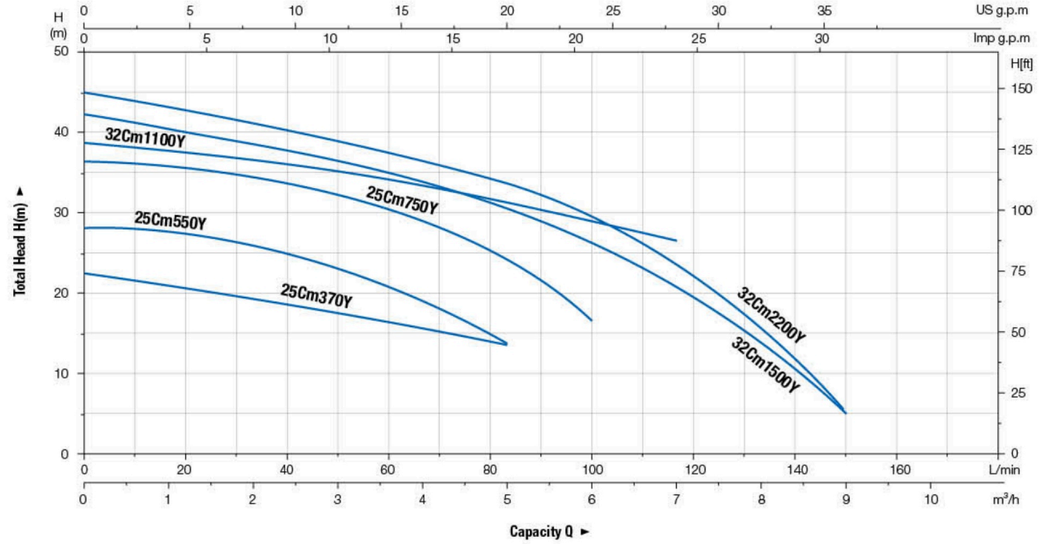
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	HT200	7	Rotor		13	Handle	ABS
2	Impeller	AISI304/Brass	8	Bearing		14	Rear cover	ZL102
3	O-ring	NBR	9	Stator		15	Fan	PP
4	Mechanical Seal	Ceramic-graphite	10	Motor base	ZL102	16	Fan cover	PP+GF10
5	Support cover	HT200	11	Capacitor				
6	Support	ZL102	12	Capacitor cover	ABS			

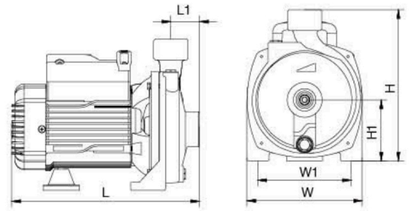
Performance Curves

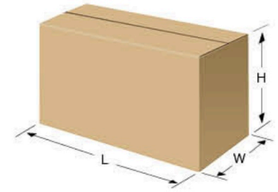


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	1	2	3	4	5	6	7	8	9
	kW	HP	Q(l/min)	0	16.7	33.3	50	66.7	83.3	100	116.7	133.3	150
25Cm370Y	0.37	0.5	H(m)	22	20	18	17	16	14	/	/	/	/
25Cm550Y	0.55	0.75		28	26	24.5	23	20	14	/	/	/	/
25Cm750Y	0.75	1		36	34.5	33	31	28	23	17	/	/	/
32Cm1100Y	1.1	1.5		38	37.5	37	35	34.5	32	30	26	/	/
32Cm1500Y	1.5	2		42	40	38	36	34	32	30	24	12	5
32Cm2200Y	2.2	3		45	42	40	38	36	33	32	26	17	5

Installation Size and Package Information





Model	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
25Cm370Y	260	39.5	159	123	209	84	8	290×180×220	2100
25Cm550Y	313	43.5	190	160	238	98.5	12.5	330×205×250	1480
25Cm750Y	313	43.5	190	160	238	98.5	13.5	330×205×250	1480
32Cm1100Y	328.5	48.5	205	178	262.5	111.5	19	365×230×275	1050
32Cm1500Y	364	55	253	203	286	120	33.6	370×260×290	575
32Cm2200Y	364	55	253	203	286	120	38	370×260×290	525

DSm

Centrifugal Pump

Private House

Agricultural



DSm

Application

Rural water supply and garden irrigation
HVAC and circulation & pressure boosting for cold and hot water
Long-distance water transfer or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

DS (m) - 70

- Impeller Nominal Diameter (mm)
- Single phase(Omitted for three-phase)
- Centrifugal Pump

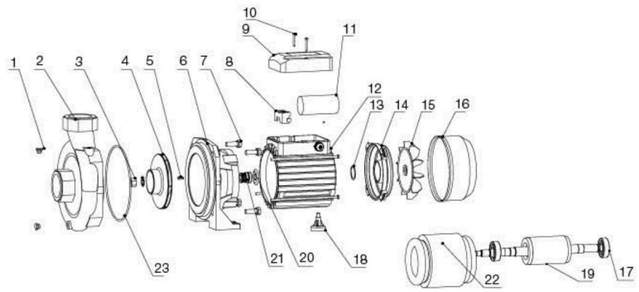
Pump

Cast iron pump body
Brass/ Stainless steel Impeller
AISI 304 shaft
Max. liquid temperature: +60°C

Motor

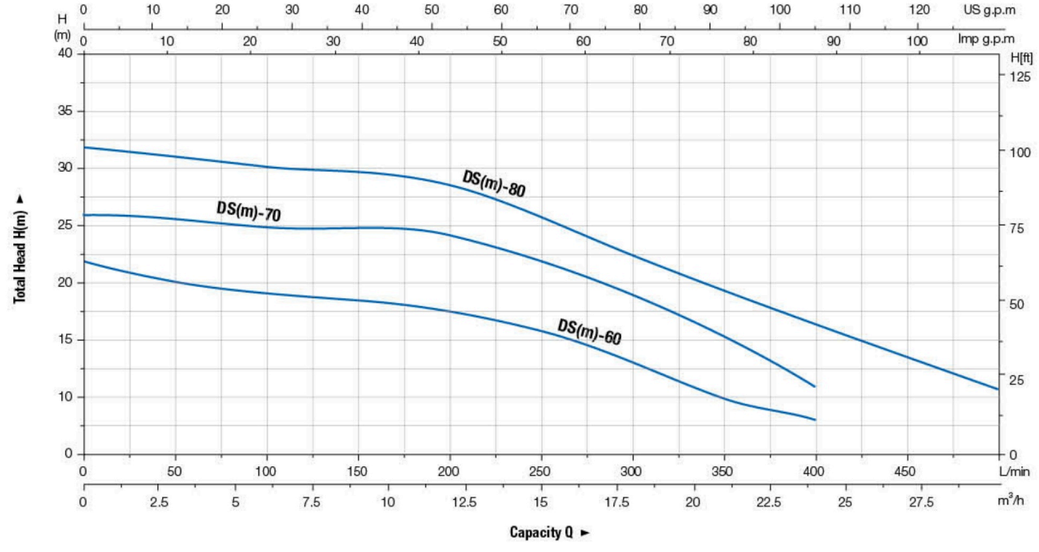
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Drain plug	Brass	9	Capacitor cover	ABS	17	Bearing	
2	Pump body	HT200	10	Screw	AISI201	18	Support	
3	Nut	AISI201	11	Capacitor		19	Rotor	
4	Impeller	Brass/AISI304	12	Motor base	ZL102	20	Water-throwing ring	NBR
5	Flat key	AISI304	13	Wave washer	65Mn	21	Mechanical seal	Ceramic-graphite
6	Connector	HT200	14	Rear cover	ZL102	22	Stator	
7	Hex bolts	Iron	15	Fan	PP	23	O ring	NBR
8	Capacitor support		16	Fan cover	Iron			

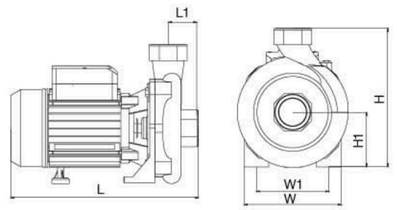
Performance Curves

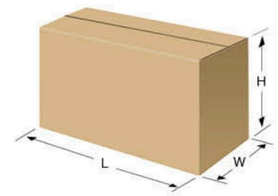


Technical Table n=3000 r/min

Model	Power		DN	Q(m³/h)	0	3	6	9	12	15	18	21	24	27	30
	kW	HP		Q(l/min)	0	50	100	150	200	250	300	350	400	450	500
DS(m)-60	1.1	1.5	2"x2"	H(m)	22	20	18	17	16	15.5	13	10	6	/	/
DS(m)-70	1.5	2	2"x2"		26	25.5	25	24.5	22	20	17	14	11	/	/
DS(m)-80	2.2	3	2"x2"		32	31	30	29	27.5	24	23	19.5	17	13	10.5

Installation Size and Package Information





Model	L (mm)	L1 (mm)	W (mm)	W1 (mm)	H (mm)	H1 (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
DS(m)-60	380	60	215	146	110	278	21.2	425×245×320	793
DS(m)-70	380	60	215	146	110	278	23.6	425×245×320	793
DS(m)-80	410	60	215	146	110	278	29.8	438×240×305	670

DHm

Centrifugal Pump

Private House

Agricultural



Single Phase

Three Phase

Application

Rural water supply and garden irrigation
HVAC and circulation & pressure boosting for cold and hot water
Long-distance water transfer or supporting equipment
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

DH (m) / 5AM

- Single phase(Omitted for three-phase)
- Centrifugal Pump

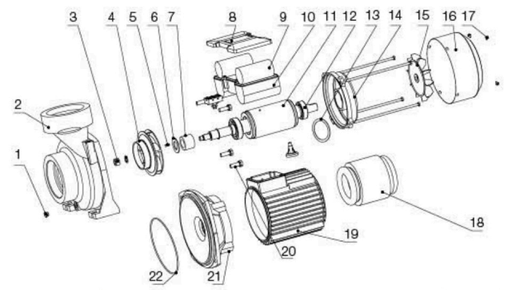
Pump

Cast iron pump body
Brass impeller (Stainless steel Impeller optional for 5AM)
AISI 304 shaft
Max. liquid temperature: +60°C

Motor

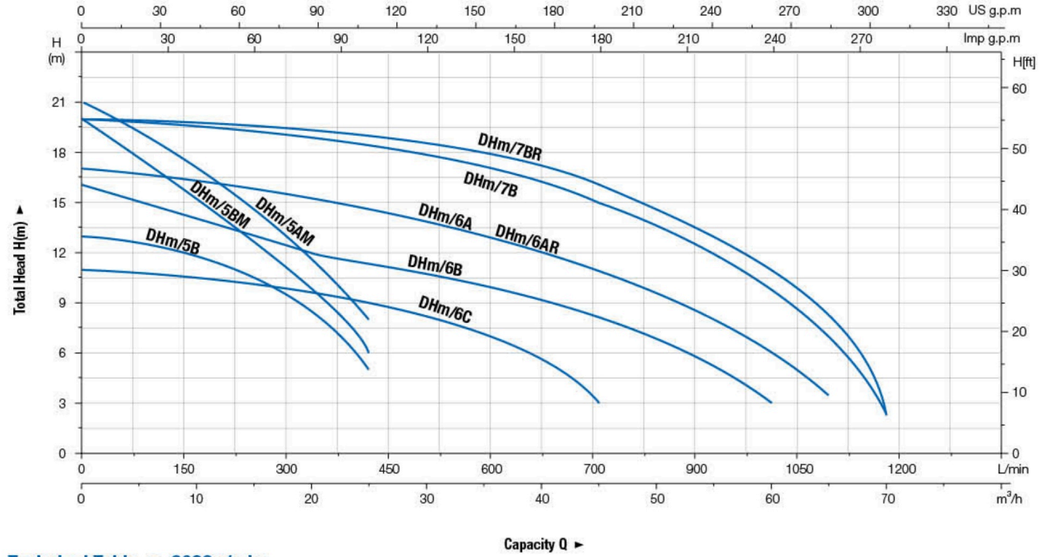
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Drain plug	Brass	9	Capacitor		17	Screw	Galvanized
2	Pump body	HT200	10	Terminal box	ABS	18	Stator	
3	Nut	AISI201	11	Rotor		19	Motor base	ZL102
4	Impeller	Brass	12	Bearing		20	Hex bolts	Iron
5	Flat key	AISI201	13	Wave washer	65Mn	21	Connector	Iron
6	Gasket	AISI201	14	Rear cover	ZL102	22	O ring	NBR
7	Mechanical seal	Ceramic-graphite	15	Fan	PP			
8	Capacitor cover	ABS	16	Fan cover	Iron			

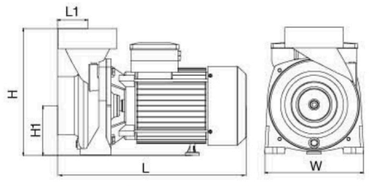
Performance Curves

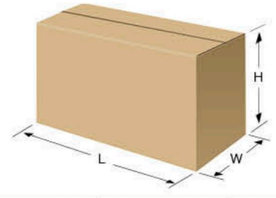


Technical Table n=3000 r/min

Model	Power kW	Power HP	DN	Q(m³/h)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
				Q(l/min)	0	83	167	250	333	417	500	583	667	750	833	917	1000	1083	1167
DHm/5B	0.75	1	2"x2"		13	12.5	12	10	8	5	/	/	/	/	/	/	/	/	/
DHm/5BM	1.1	1.5	2"x2"		20	17	15	14	10	6	/	/	/	/	/	/	/	/	/
DH(m)/5AM	1.5	2	2"x2"		21	18	17	15	15	8	/	/	/	/	/	/	/	/	/
DHm/6C	1.1	1.5	3"x3"		11	/	/	10	9.5	9	8.5	7	5	5	3	/	/	/	/
DH(m)/6B	1.5	2	3"x3"	H(m)	16	15	14	13	12	11.5	11	10	9	8	7	6	3	/	/
DH(m)/6A	2.2	3	3"x3"		17	16.5	16	15	15	15	14	13	12	10	9	7	5	3.5	/
DH(m)/6AR	2.2	3	4"x4"		17	16	/	15.5	15	14.5	13.5	13	12	10	10	7	5	3.5	/
DH(m)/7B	3	4	3"x3"		20	/	19	/	18.5	/	18	/	17	15	14	12	10	7	2
DH(m)/7BR	3	4	4"x4"		20	/	19.5	/	/	19	/	18	17	16	15	13	10	9	2

Installation Size and Package Information





Model	L1 (mm)	L2 (mm)	W (mm)	H (mm)	H1 (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
DHm/5B	61	337	195	98	240	15.7	375×205×257	1265
DHm/5BM	61	379	205	108	260	21.2	405×220×280	940
DH(m)/5AM	61	379	205	108	260	22.5/22	405×220×280	880
DHm/6C	74	404	242	124	319	28.6	445×270×345	600
DH(m)/6B	74	404	242	124	319	29.8/29.3	445×270×345	600
DH(m)/6A	74	464	242	124	319	39.6/39.1	490×290×330	490
DH(m)/6AR	74	464	242	124	319	40.5/40	490×290×330	490
DH(m)/7B	74	464	242	124	319	41/40.5	490×290×330	480
DH(m)/7BR	74	464	242	124	319	42/41.5	490×290×330	475

JET-SDM

Stainless Steel Jet Pump

Private House

Agricultural



JET-SDM

Application

Transfer clean water or other liquids similar in physical and chemical properties
Well water lifting and garden irrigation
Small living water supply and water sprinkler system
Pressure boosting or supporting equipmen

Model Instruction

JET 370 - SDM

- Stainless Steel pump body
- Rated Power (w)
- Jet Pump

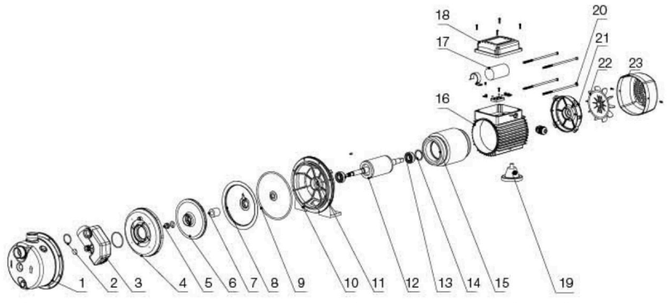
Pump

Stainless steel pump body
PPO/Stainless Steel impeller
AISI 304 + Steel 45# shaft
Max. liquid temperature: +60°C
Max. suction: +10m

Motor

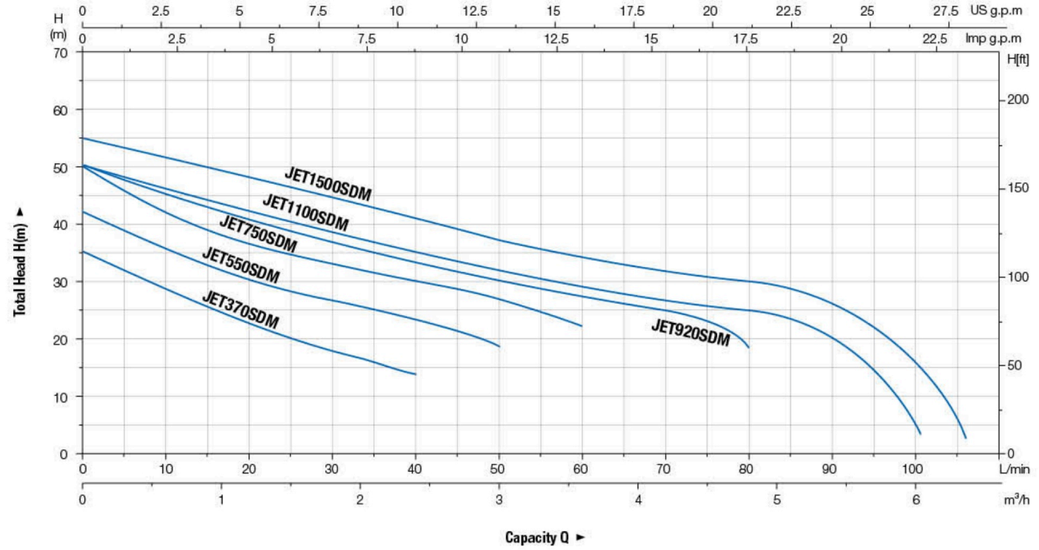
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class:F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	AISI304	9	O ring	NBR	17	Capacitor	
2	Gasket	NBR	10	Bolts	AISI201	18	Capacitor cover	ABS
3	Ejector	PPO	11	Connector	ZL102	19	Support	ABS
4	Diffuser	PPO+AISI304	12	Rotor		20	Long screw	Iron
5	Nut	AISI201	13	Bearing		21	Rear cover	ZL102
6	Impeller	PPO/AISI304	14	Wave washer	65Mn	22	Fan	PP
7	Mechanical seal	Ceramic-graphite	15	Stator		23	Fan cover	PP+GF10
8	Support cover	AISI304	16	Motor base	ZL102			

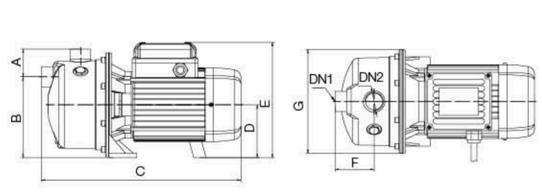
Performance Curves

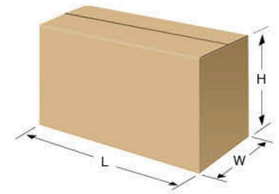


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80
JET370SDM	0.37	0.5	H(m)	35	28.5	22.5	17.8	13.8	-	-	-	-
JET550SDM	0.55	0.75		42	35.6	30	26	23.5	19	-	-	-
JET750SDM	0.75	1		50	42	36.5	33	30	27	22	-	-
JET920SDM	0.92	1.25		50	45	41.8	37.8	33.5	30	28	25	-
JET1100SDM	1.1	1.5		50	46.3	42.5	39	35.6	32	29	27.9	25
JET1500SDM	1.5	2		55	52	48.5	45	41.8	37	34.5	31.5	30

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	DN1	DN2	Weight (kg)	Packaging Size(mm)	QTY /20GP
JET370SDM	46	133	323.5	88	183	60.5	170	G1	G1	6.5	360×195×230	1636
JET550SDM	50	145	358	95	206	70	186	G1	G1	9	390×220×250	1232
JET750SDM	50	145	358	95	206	70	186	G1	G1	10	390×220×250	1232
JET920SDM	50	145	358	95	206	70	186	G1	G1	11.9	390×220×250	1232
JET1100SDM	57	170	424	112	218	84.5	216	G1½	G1½/G1	15	460×245×270	868
JET1500SDM	57	170	424	112	218	84.5	216	G1½	G1½/G1	16	460×245×270	868

A3

Stainless Steel Jet Pump

Private House

Agricultural



A3-ZWS

Application

Transfer clean water or other liquids similar in physical and chemical properties
Well water lifting and garden irrigation
Small living water supply and water sprinkler system
Pressure boosting or supporting equipmen

Model Instruction

A 3 - 400 ZW S

- S: Stainless Steel pump body
- ZW: Micro Switch
- 400: Rated power
- 3: 3 for Jet Pump, 1 for Peripheral pump
- A: Automatic

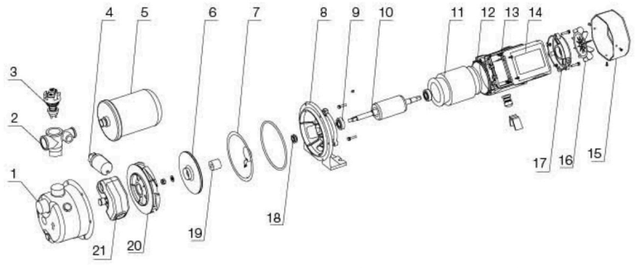
Pump

Stainless steel pump body
Stainless steel impeller
AISI 304 + Steel 45# shaft
Max. liquid temperature: +60°C
Max. suction: +10m

Motor

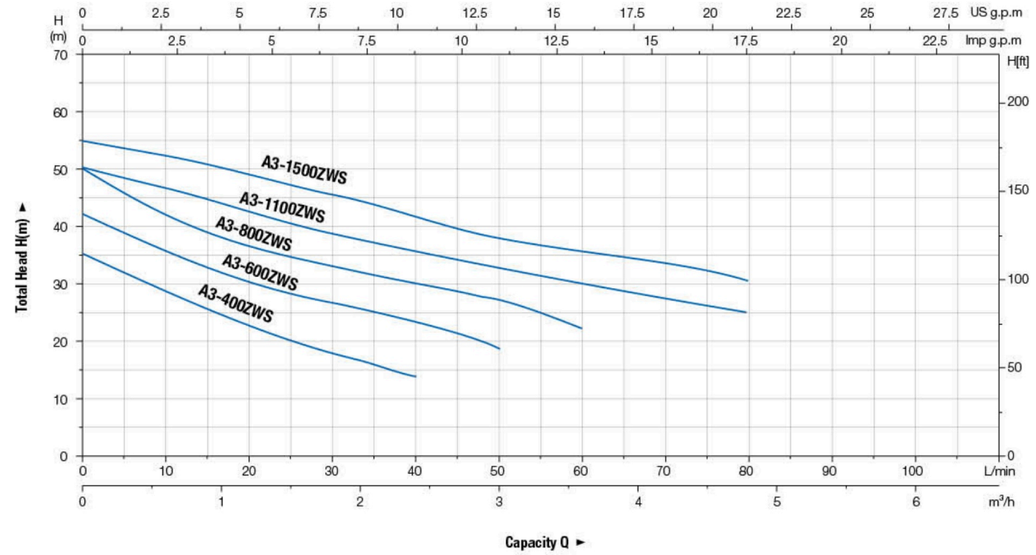
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class:F
Protection class:IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	AISI304	8	Support	ZL102	15	Fan cover	PP+GF10
2	Connector	Brass	9	Bearing		16	Fan	PP
3	Flow switch		10	Rotor		17	Rear cover	ZL102
4	Pressure switch		11	Stator		18	Water throwing ring	NBR
5	Pressure tank		12	Motor base	ZL102	19	Mechanical seal	Ceramic-graphite
6	Impeller	AISI304	13	Capacitor		20	Diffuser	PPO+AISI304
7	Support cover	AISI304	14	Capacitor cover	ABS	21	Ejector	PPO+AISI304

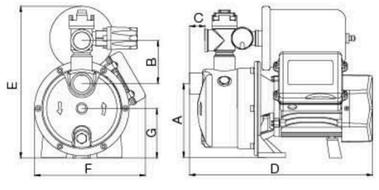
Performance Curves

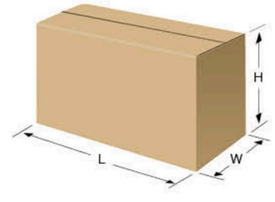


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80
A3-400ZWS	0.4	0.55	H(m)	35	28.5	22.5	17.8	13.8	-	-	-	-
A3-600ZWS	0.6	0.82		42	35.6	30	26	23.5	19	-	-	-
A3-800ZWS	0.8	1.1		50	42	36.5	33	30	27	22	-	-
A3-1100ZWS	1.1	1.5		50	46.3	42.5	39	35.6	32	29	27.9	25
A3-1500ZWS	1.5	2		55	52	48.5	45	41.8	37	34.5	31.5	30

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
A3-400ZWS	133	75	25.5	326.5	268.5	203.5	88	8.5	370×230×310	1002
A3-600ZWS	145	79	35	348	286.5	220	95	10.7	395×250×330	811
A3-800ZWS	145	79	35	348	286.5	220	95	11.7	395×250×330	811
A3-1100ZWS	170	101	31.5	429	328	247	112	17	470×280×375	535
A3-1500ZWS	170	101	31.5	429	328	247	112	18	470×280×375	535

JETm-Y

Jet Pump

Private House

Agricultural



JETm-Y

Application

Transfer clean water or other liquids similar in physical and chemical properties
Well water lifting and garden irrigation
Small living water supply and water sprinkler system
Pressure boosting or supporting equipmen

Model Instruction

JET m - 370 - Y

- Y — DAYUAN code
- 370 — Rated Power(w)
- m — Single Phase
- JET — Self-priming Jet Pump

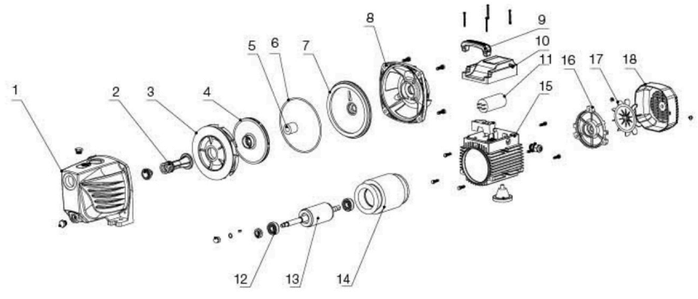
Pump

Cast iron pump body
PPO / Brass impeller
AISI 304 + Steel 45# shaft
Max. liquid temperature: +60°C
Max. suction: +10m

Motor

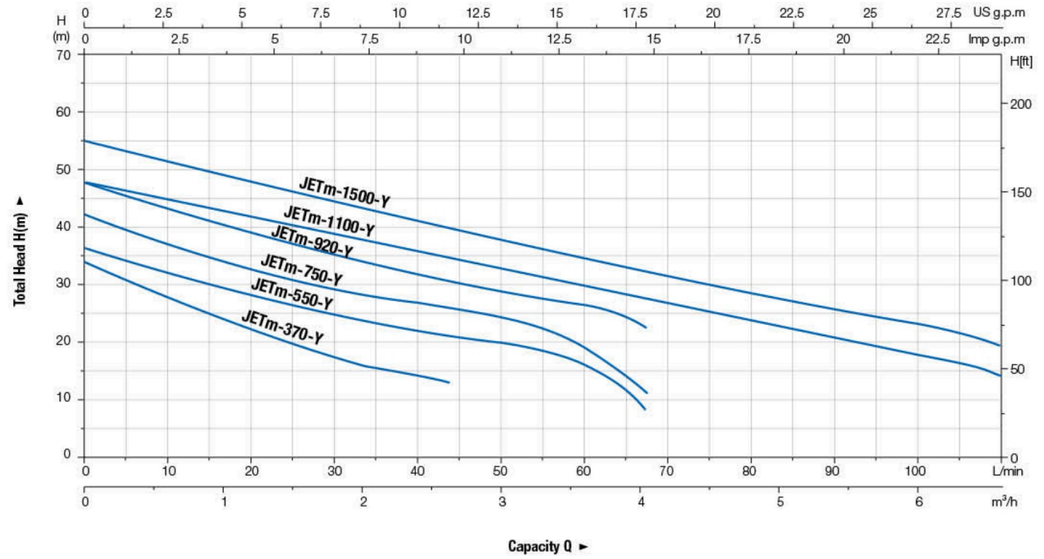
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	HT200	7	Support cover	HT200	13	Rotor	
2	Ejector	PPO	8	Support	ZL102	14	Stator	
3	Diffuser	PPO+AISI304	9	Handle	ABS	15	Motor base	ZL102
4	Impeller	PPO/Brass	10	Capacitor cover	ABS	16	Rear cover	ZL102
5	Mechanical Seal	Ceramic-graphite	11	Capacitor		17	Fan	PP
6	O-ring	NBR	12	Bearing		18	Fan cover	PP+GF10

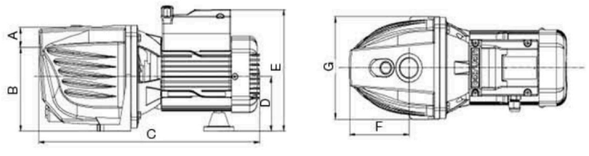
Performance Curves

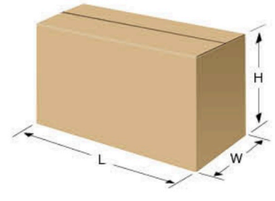


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80	90	100
JETm-370-Y	0.37	0.5	H(m)	34	27.7	22.5	17.5	14	-	-	-	-	-	-
JETm-550-Y	0.55	0.75		36	32	28	24.5	22	20	16	-	-	-	-
JETm-750-Y	0.75	1		42	36.7	32	29	27	24	19	-	-	-	-
JETm-920-Y	0.92	1.25		48	43.5	39.5	35.8	32.5	28	26	-	-	-	-
JETm-1100-Y	1.1	1.5		48	44.5	41.5	38.5	35.5	32	30	26.5	23.5	20.7	18
JETm-1500-Y	1.5	2		55	51	47.5	44	41	37.5	35	31.5	28.5	25.5	23

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
JETm-370-Y	31	129	373	84	193	99	160	11	425×200×235	1300
JETm-550-Y	34	150	434	96	217	132	183	14.5	495×200×265	990
JETm-750-Y	34	150	434	96	217	132	183	15.5	495×200×265	990
JETm-920-Y	34	150	434	96	217	132	183	17	495×200×265	990
JETm-1100-Y	42	169.5	506	112	247	155	209.5	25	536×236×282	730
JETm-1500-Y	42	169.5	506	112	247	155	209.5	26	536×236×282	728

JETm-YH

Jet Pump

Private House

Agricultural



JETm-YH

Application

Transfer clean water or other liquids similar in physical and chemical properties
Well water lifting and garden irrigation
Small living water supply and water sprinkler system
Pressure boosting or supporting equipmen

Model Instruction

JET m - 370 - YH

- YH: High Head
- 370: Rated Power(w)
- m: Single Phase
- JET: Self-priming Jet Pump

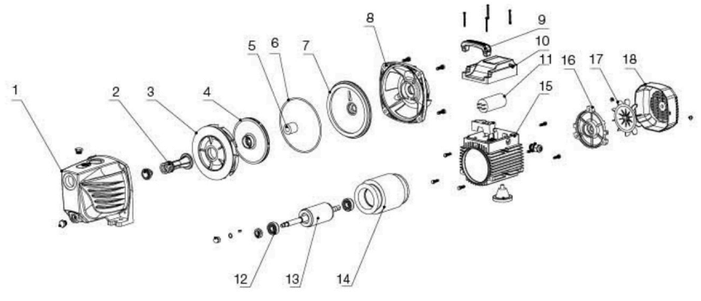
Pump

Cast iron pump body
PPO / Brass impeller
AISI 304 + Steel 45# shaft
Max. liquid temperature: +60°C
Max. suction: +10m

Motor

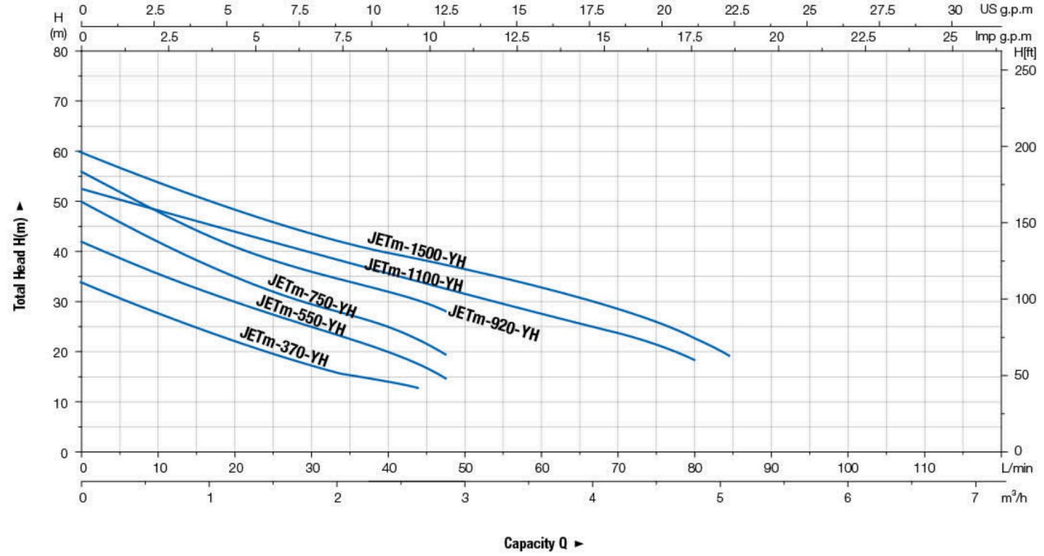
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Pump body	HT200	7	Support cover	HT200	13	Rotor	
2	Ejector	PPO	8	Support	ZL102	14	Stator	
3	Diffuser	PPO+AISI304	9	Handle	ABS	15	Motor base	ZL102
4	Impeller	PPO/Brass	10	Capacitor cover	ABS	16	Rear cover	ZL102
5	Mechanical Seal	Ceramic-graphite	11	Capacitor		17	Fan	PP
6	O-ring	NBR	12	Bearing		18	Fan cover	PP+GF10

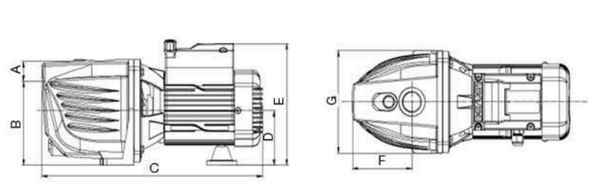
Performance Curves

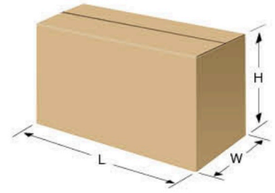


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
	kW	HP	Q(l/min)	0	10	20	30	40	50	60	70	80
JETm-370-YH	0.37	0.5	H(m)	34	27.7	22.5	17.5	14	-	-	-	-
JETm-550-YH	0.55	0.75		42	35.6	30	25	20	-	-	-	-
JETm-750-YH	0.75	1		50	42	35	29.5	25	-	-	-	-
JETm-920-YH	0.92	1.25		56	48	41	36	32	-	-	-	-
JETm-1100-YH	1.1	1.5		52	47	42.5	38	35	32	27.5	24	-
JETm-1500-YH	1.5	2		60	54	48.5	43.5	40	37	32	29	22.5

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)	Packaging Size(mm)	QTY /20GP
JETm-370-YH	31	129	373	84	193	99	160	11	425×200×235	1300
JETm-550-YH	34	150	434	96	217	132	183	14.5	495×200×265	990
JETm-750-YH	34	150	434	96	217	132	183	15.5	495×200×265	990
JETm-920-YH	34	150	434	96	217	132	183	17	495×200×265	990
JETm-1100-YH	42	169.5	506	112	247	155	209.5	25	536×236×282	730
JETm-1500-YH	42	169.5	506	112	247	155	209.5	26	536×236×282	728

JA

Jet Pump for Deep Well

Private House

Agricultural



JA

Application

Rural water supply and civilian water application
Long-distance water transfer or supporting auxiliary equipment
Pressure boosting for high rise buildings
Transfer clean water or other liquids similar in physical and chemical properties

Model Instruction

JA 150

- 150: HP X 100
- JA: Jet pump

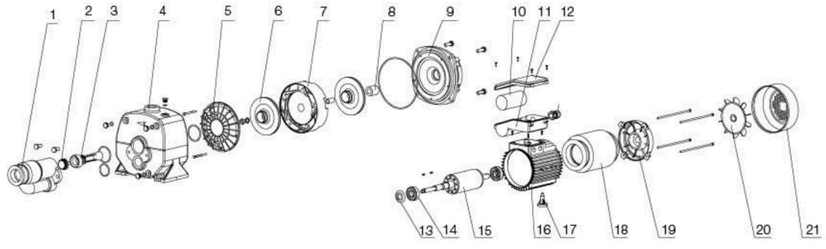
Pump

Cast iron pump body
Brass impeller
AISI304+Steel 45# shaft
Max. liquid temperature: +60°C
Max. suction: +10m

Motor

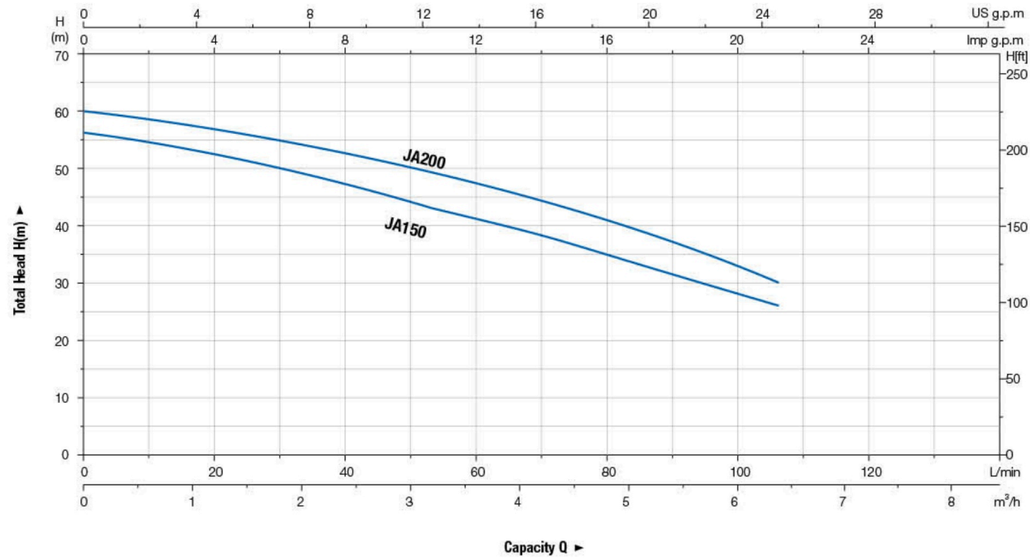
Motor with copper winding
Built-in thermal protector for single phase motor
Insulation class: F
Protection class: IPX4
Max. ambient temperature: +40°C

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Ejector	HT200	8	Mechanical seal	Ceramic-graphite	15	Rotor	
2	Nozzle	PP+GF30	9	Support	HT200	16	Motor base	ZL102
3	Ejector tube	PP+GF30	10	Capacitor		17	Support	
4	Pump body	HT200	11	Terminal box	ABS	18	Stator	
5	Diffuser cover	PP+GF30	12	Capacitor cover	ABS	19	Rear cover	ZL102
6	Impeller	Brass	13	Water throwing ring	NBR	20	Fan	PP
7	Diffuser	PPO+AISI304	14	Bearing		21	Fan cover	Iron

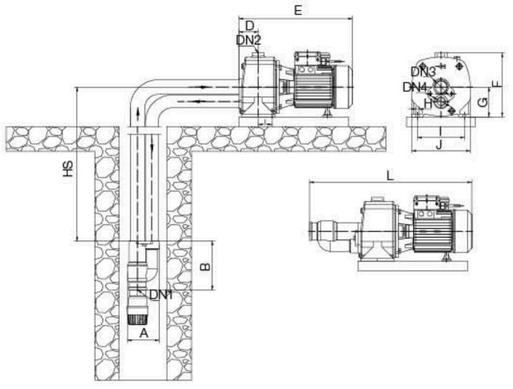
Performance Curves

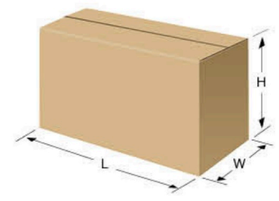


Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	0.8	1.6	2.4	3.2	4	4.8	5.6	6.4
	kW	HP	Q(l/min)	0	13.3	26.6	40	53.3	66.7	80	95.3	106.7
JA150	1.1	1.5	H(m)	56	53.5	51	47	43.5	40	35	30	26
JA200	1.5	2		60	58	55.5	52.5	49.5	46	40.5	36	30

Installation Size and Package Information





Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	L (mm)	DN1	DN2	DN3	DN4	Weight (kg)	Packaging Size (mm)	QTY/ 20GP
JA150	119.5	183	49	73	427.5	240	112	12	98	220	610.5	G1½	G1	G1½	G1	32	630x250x300	550
JA200	119.5	183	52.5	73	430.5	240	112	12	177	220	613.5	G1½	G1	G1½	G1	33	630x250x300	550

DSWm

Swimming Pool Pump

Private House

Agricultural



DSWm

Application

Circulation & filtration of various small swimming pools
Filtration of marine aquaculture water and Light-dirty water with solids in suspension
Water circulating and fountains in various urban amusement attractions
Used for water circulation of air source heat pump units

Model Instruction

DSW (m) 370

- 370 — Rated power (w)
- (m) — Single phase (Omitted for Three phase)
- DSW — Swimming pool pump

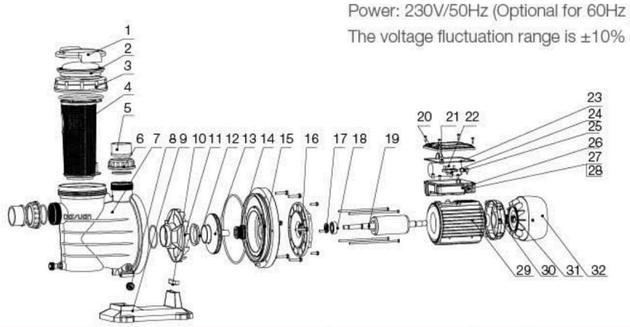
Pump

All copper-winding motor
Docking rotor
All plastic wetted parts
Max. Suction Head: +3m

Motor

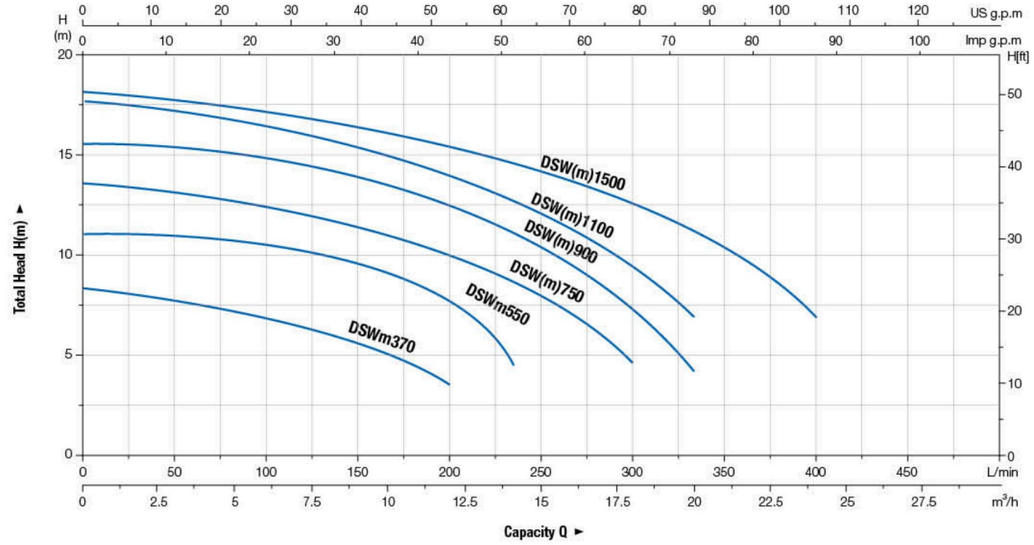
Ambient temperature: 5℃ ~ 50℃
Liquid temperature: 4℃ ~ 50℃
Liquid pH: 6.5 ~ 8.5
Max. particle diameter: 0.2mm
Power: 230V/50Hz (Optional for 60Hz)
The voltage fluctuation range is ±10% of the rated voltage

Model Analysis



NO.	Component	Material	NO.	Component	Material	NO.	Component	Material
1	Wrench	ABS+PC	12	Sealing ring	TPV	23	Capacitor cover gasket	NBR
2	Pump cover	PC	13	Impeller	PP	24	Terminal	-
3	Cover platen	ABS+PC	14	Mechanical seal	Ceramic-graphite	25	Platen	PP+GF
4	Filter	PP	15	Connector	PP+GF	26	Cable	Rubber cable
5	Connector	PVC	16	Pump support	ZL102	27	Outlet gasket	NBR
6	Nut	PVC	17	Water-throwing ring	NBR	28	Nut	ABS
7	Pump body	PP+GF	18	Bearing		29	Stator	
8	Drain plug	PA6	19	Rotor		30	Rear cover	ZL102
9	Baseplate	ABS	20	Capacitor cover	ABS	31	Fan	PP
10	Gasket	NBR	21	Capacitor clip	ABS	32	Fan cover	PP+GF
11	Diffuser	PP+GF	22	Capacitor	-			

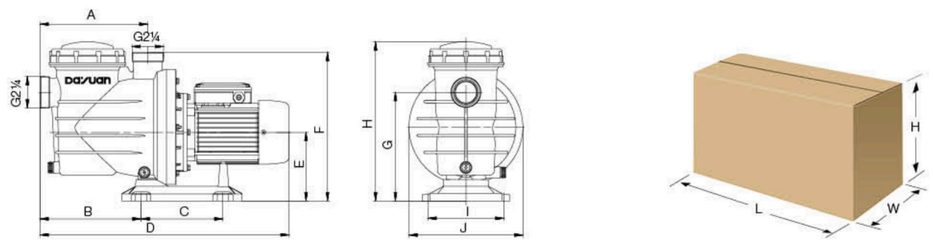
Performance Curves



Technical Table n=3000 r/min

Model	Power		Q(m³/h)	0	2	4	6	8	10	12	14	16	18	20	22	24
	kW	HP	Q(l/min)	0	33.3	66.7	100	133	167	200	233	267	300	333	367	400
DSWm370	0.37	0.55	H(m)	8.1	7.7	7.1	6.5	5.7	4.7	3.4	-	-	-	-	-	-
DSWm550	0.55	0.75		11	10.8	10.3	9.5	8.6	7.4	6	4.3	-	-	-	-	-
DSW(m)750	0.75	1		13.5	13.3	13.2	12.7	12	11	9.7	8.2	6.4	4.5	-	-	-
DSW(m)900	0.9	1.2		15.5	15.4	15.3	15	14.3	13.3	11.9	10.2	8.4	6.4	4.3	-	-
DSW(m)1100	1.1	1.5		17.7	17.4	17	16.5	15.9	15	13.9	12.5	10.9	9.1	7.2	-	-
DSW(m)1500	1.5	2		18.2	17.9	17.6	17.3	16.9	16.4	15.6	14.6	13.5	12.1	10.5	8.7	6.9

Installation Size and Package Information



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Weight (kg)	Packaging Size (mm)	QTY/20GP
DSWm370	225	211	170	520	142	308	225	331	159	238	7.5	557×265×365	490
DSWm550	225	211	170	520	142	308	225	331	159	238	8.2	557×265×365	490
DSW(m)750	225	211	170	520	142	308	225	331	159	238	9.4	557×265×365	490
DSW(m)900	225	211	170	520	142	308	225	331	159	238	10	557×265×365	490
DSW(m)1100	225	211	170	520	142	308	225	331	159	238	10.8	557×265×365	490
DSW(m)1500	225	211	170	520	142	308	225	331	159	238	11.9	557×265×365	490

QDX-(F)A

Submersible Pump

Private House

Civil Use

Agricultural



QDX-(F)A

Application

Irrigation & drainage of small electrical equipment
Farm/Field irrigation and drainage
Rural well pumping and livestock beeding
Gaden irrigation and daily water supply

Pump

Medium PH: 6.5 ~ 8.5
Medium temperatue: <40°C
Operation depth: ≤5m

Motor

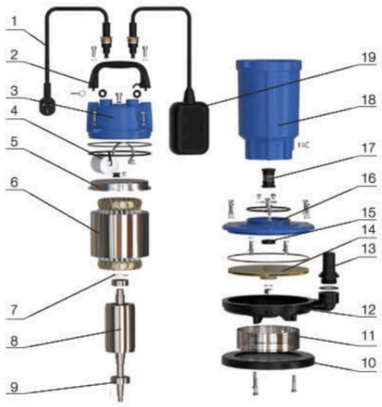
Insulation Class: F
Protection Class: IP68

Model Instruction

Q(D)X 1.5 - 12 - 0.25 (F) A

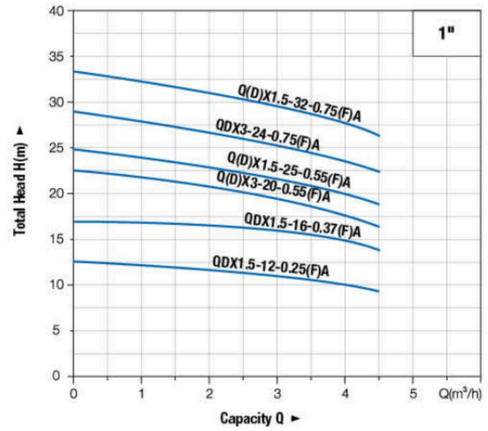
- A: Aluminum housing
- (F): Optional for float switch
- 0.25: Power (kW)
- 12: Head (m)
- 1.5: Flow (m^3/h)
- Q(D)X: Submersible Pump (D omit for three-phase)

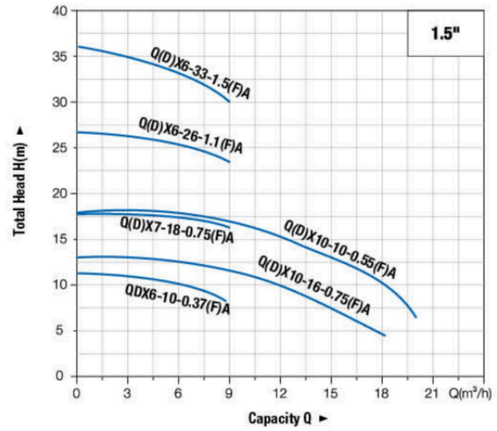
Model Analysis

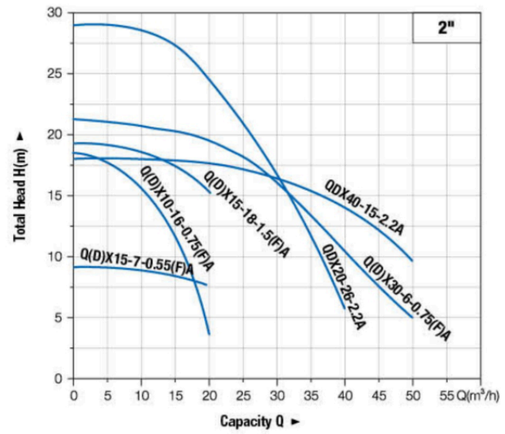


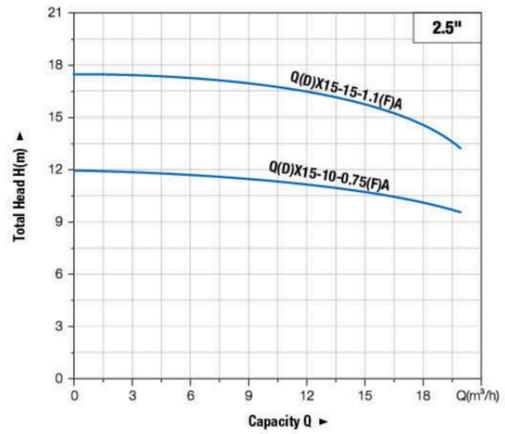
NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	11	Filter	AISI 201
2	Handle	ABS	12	Pump body	HT200
3	Top cover	Cast Aluminum	13	Connector	HT200
4	Capacitor		14	Impeller	Cast Aluminum/PPO
5	Upper bearing seat	HT200	15	Oil seal	
6	Stator		16	Cylinder head	HT200
7	Wave washer	65Mn	17	Mechanical seal	Geramic & Silicon carbide
8	Rotor		18	Motor housing	Cast Aluminum
9	Bearings		19	Float switch	
10	Support	Q235A			

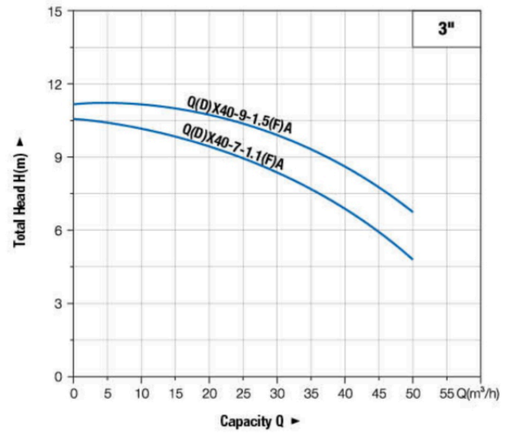
Performance Curves

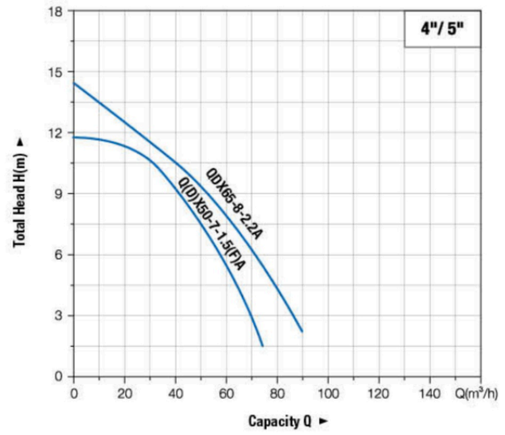












Technical Table n=3000 r/min

Model	Outlet Diameter	Current / A		Q(m³/h)	0	0.6	1	1.5	2	2.5	3	3.5	4	4.5
	inch	220V	380V	Q(l/min)	0	10	16.6	25	33.3	416	50	58.3	66.6	75
QDX1.5-12-0.25(F)A	1"	2.1	-	H(m)	12.5	12.4	12.1	12	11.4	11.2	10.8	10.4	9.6	9
QDX1.5-16-0.37(F)A	1"	2.9	-		17	16.7	16.4	16	15.7	15.6	15.4	14.8	14	13.2
Q(D)X1.5-25-0.55(F)A	1"	4.1	1.6		26	25.5	25.3	25	24.8	23	22.2	21.2	20	18.5
Q(D)X1.5-32-0.75(F)A	1"	5.2	2		33	32.8	32.3	32	31	30.1	29.5	28.5	27.9	26.5
Q(D)X3-20-0.55(F)A	1"	4.1	1.6		21	20.8	20.6	20.4	20.2	20.2	20	19.3	19	18.6
QDX3-24-0.75(F)A	1"	5.2	-		28	27.5	26	25.5	25	24.5	24	23.5	23	22

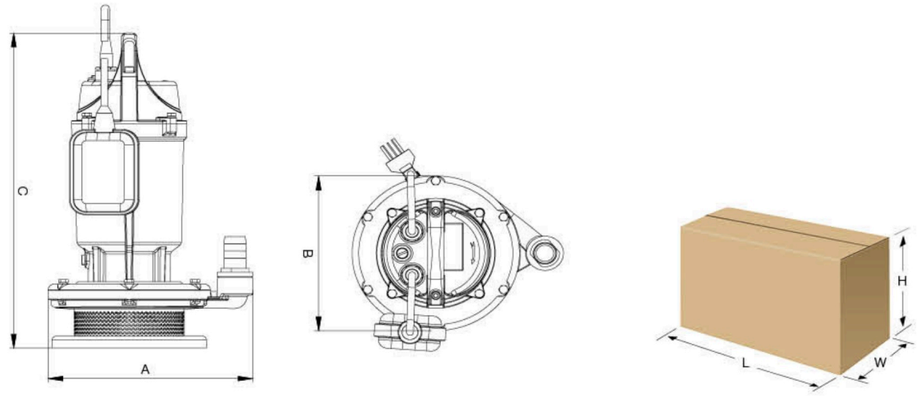
Model	Outlet Diameter	Current / A		Q(m³/h)	0	1.2	1.8	3	4.2	5.2	6	7	8	9
	inch	220V	380V	Q(l/min)	0	20	30	50	70	86.6	100	117	133	150
QDX6-10-0.37(F)A	1.5"	2.9	-	H(m)	11.6	11.5	11.45	11.2	10.9	10.5	10	9.5	9	8.2
Q(D)X6-26-1.1(F)A	1.5"/2"	7.3	2.8		27	26.8	26.6	26.5	26.4	26.3	26	24.8	24.2	23.6
Q(D)X6-33-1.5(F)A	1.5"	9.5	3.6		36	35.5	35.2	34.6	34	33.6	33	32	31	30
Q(D)X7-18-0.75(F)A	1.5"	5.2	-		19	18.9	18.8	18.7	18.5	18.3	18.1	18	17.5	17

Model	Outlet Diameter	Current / A		Q(m³/h)	0	3	4.5	6	8	10	12.5	15	18	20
	inch	220V	380V	Q(l/min)	0	50	75	100	133	167	208	250	300	333
Q(D)X10-10-0.55(F)A	1.5"	4.1	1.6	H(m)	13	12.8	12.6	11.8	11	10	9	7.5	6	4.5
Q(D)X10-16-0.75(F)A	2"	5.2	2		18.4	18.3	18.2	18	17.5	16	15	12.5	7.5	3.5
Q(D)X15-7-0.55(F)A	2"	4.1	1.6		9.2	9.1	9	8.9	8.7	8.6	8.5	7	6.5	6
Q(D)X15-10-0.75(F)A	2.5"	5.2	2		12.8	12.6	12.5	12.4	12.2	11.5	10.7	10	9.5	9
Q(D)X15-15-1.1(F)A	2.5"	7.3	2.8		17.7	17.3	17	16.8	16.4	16	15.2	15	13.5	12.6
Q(D)X15-18-1.5(F)A	2"/2.5"	9.5	3.6		19	18.92	18.9	18.7	18.6	18.4	18.2	18	16	14.5

Model	Outlet Diameter	Current / A		Q(m³/h)	0	10	15	20	25	30	35	40	45	50
	inch	220V	380V	Q(l/min)	0	167	250	333	417	500	583	667	750	833
QDX20-26-2.2(F)A	2"	13.6	-	H(m)	28.5	28.2	26.8	26	22.4	18.3	14	6	-	
Q(D)X30-6-0.75(F)A	3"	5.2	2		8.5	8	7.8	7.5	7	6	5	3.6	2.3	1.5
Q(D)X40-7-1.1(F)A	3"	7.3	2.8		9.8	9.5	9.4	9.3	8.5	8	7.5	7	5	3.5
Q(D)X40-9-1.5(F)A	3"	9.5	3.6		11.3	10.8	10.7	10.3	10.2	10	9.3	9	7.5	6
QDX40-15-2.2A	2"	13.6	-		18.8	18.7	18.5	18	16.5	16.5	15.5	15	12.5	9.8

Model	Outlet Diameter	Current / A		Q(m³/h)	0	15	30	50	55	65	75	80	85	90
	inch	220V	380V	Q(l/min)	0	250	500	833	917	1083	1250	1333	1417	1500
Q(D)X50-7-1.5(F)A	4"	9.5	3.6	H(m)	12.4	11.8	10.5	7	6	3.5	2.5	-	-	-
QDX65-8-2.2A	4"	13.6	-		15	13.5	12.3	10.5	9.5	8	6	5	3.5	2

Installation Size and Package Information



Model	Outlet	Connector				Dimensions	Weigh(kg)		L	W	H	Quantity
	DN	Standard		Optional		AxBxC						
	External thread tube	Hose	Internal thread tube	Hose	Internal thread tube	mm	Single Phase	Three phase	mm	mm	mm	PCS/ 20'ETU
QDX1.5-12-0.25(F)A	G1"	25	-	25	G3/4"	196x144x365	8	-	405	230	195	1759
QDX1.5-16-0.37(F)A	G1"	25	-	25	G3/4"	196x144x365	8.5	-	405	230	195	1759
Q(D)X1.5-25-0.55(F)A	G1"	25	-	25	G3/4"	240x190x378	12	11.5	425	240	235	1333
Q(D)X1.5-32-0.75(F)A	G1"	25	-	25	G3/4"	240x190x40	13.5	12	425	240	235	1333
Q(D)X3-20-0.55(F)A	G1"	25	-	25	G3/4"	205x158x379	11.5	11	430	250	205	1450
QDX3-24-0.75(F)A	G1"	25	-	25	G3/4"	240x190x405	13.5	-	472	295	232	818
QDX6-10-0.37(F)A	G1½	40	-	40	G1"	209x145x371	9.5	-	405	230	200	1715
Q(D)X6-26-1.1(F)A	G1½"/G2"	40/50	-	40/50	G1"/G1½"	254x190x451	15	14.5	485	260	235	1078
Q(D)X6-33-1.5(F)A	G1½"	40	-	40	G1"	254x190x449	17.5	16.5	485	260	235	1078
Q(D)X7-18-0.75(F)A	G1½"	40	-	40	G1"	235x159x401	13.5	12	430	250	205	1450
Q(D)X10-10-0.55(F)A	G1½"	50	-	50	G1"	223x159x393	12.5	12	440	250	250	1417
Q(D)X10-16-0.75(F)A	G2"	50	-	50	G1½"	235x159x401	13.5	12	430	250	205	1450
Q(D)X15-7-0.55(F)A	G2"	65	-	65	G1½"	233x158x391	12.5	12	440	250	205	1417
Q(D)X15-10-0.75(F)A	G2½	80	-	80	G2"	233x170x411	14	12.5	440	250	205	1417
Q(D)X15-15-1.1(F)A	G2½	80	-	80	G2"	247x172x457	14.5	14	485	260	235	1078
Q(D)X15-18-1.5(F)A	G2"/G2½"	65/80	-	65/80	G1"/G1½"	247x172x457	17	16	485	260	265	1078
QDX20-26-2.2A	G2"	65	-	65	G1½"	279x213x517	24.5	-	570	305	230	573
Q(D)X30-6-0.75(F)A	-	80	G3"	-	-	267x184x434	15.5	14	470	290	245	1019
Q(D)X40-7-1.1(F)A	-	80	G3"	-	-	276x194x484	16.5	15.5	518	305	245	826
Q(D)X40-9-1.5(F)A	-	80	G3"	-	-	280x196x480	19	17.5	518	305	255	826
QDX40-15-2.2A	-	65	G2"	-	-	308x211x521	25	-	555	336	245	556
Q(D)X50-7-1.5(F)A	-	100	G4"	-	-	310x196x530	22.5	21	540	330	275	732
QDX65-8-2.2A	-	100	G4"	-	-	340x232.5x544	28	-	640	380	375	478

QDX-(F)B

Submersible Pump

Private House

Civil Use

Agricultural



QDX-(F)B

Application

Irrigation & drainage of small electrical equipment
Farm/Field irrigation and drainage
Rural well pumping and livestock breeding
Garden irrigation and daily water supply

Pump

Medium PH: 6.5 ~ 8.5
Medium temperatue: <40°C
Operation depth: ≤5m

Motor

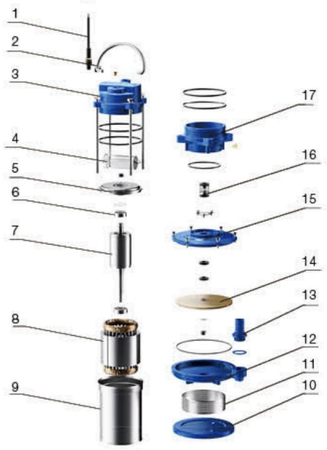
Insulation Class: F
Protection Class: IP68

Model Instruction

Q(D)X 1.5 - 12 - 0.25 (F) B

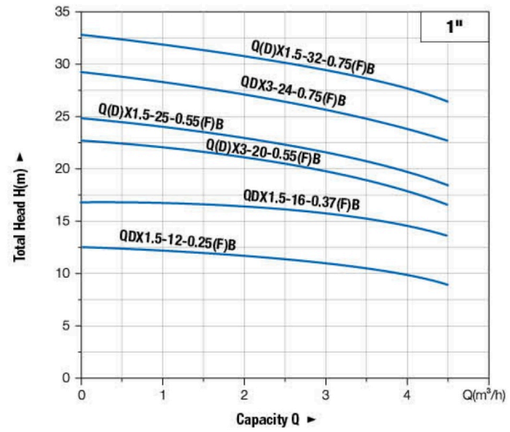
- B — Stainless Steel housing
- (F) — Optional for float switch
- 0.25 — Power (kW)
- 12 — Head (m)
- 1.5 — Flow (m^3/h)
- Q(D)X — Submersible Pump (D omit for three-phase)

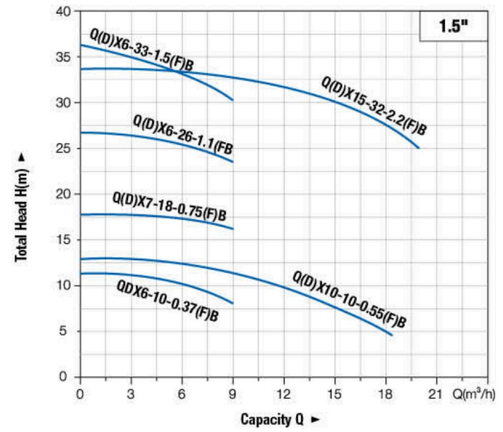
Model Analysis

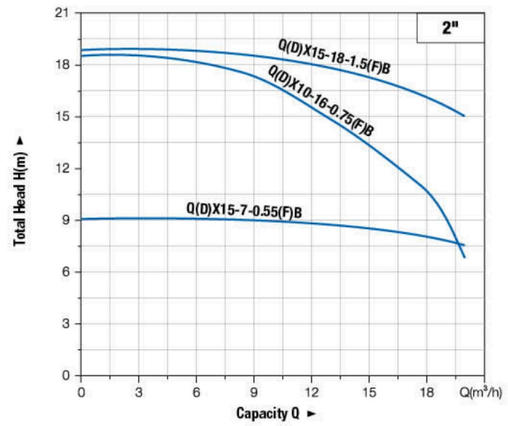


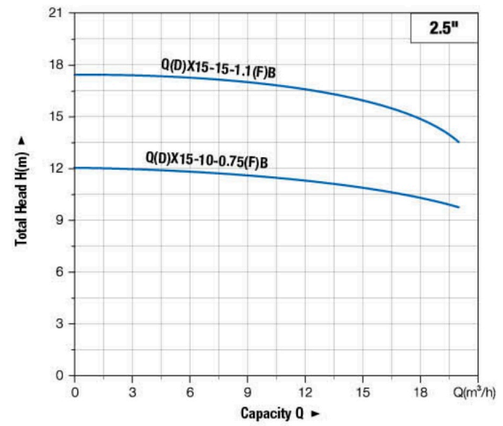
NO.	Component	Material	NO.	Component	Material
1	Cable	Rubber cable	10	Baseplate	Q235A
2	Handle	AISI201	11	Filter	AISI201
3	Top cover	HT200	12	Pump body	HT200
4	Capacitor		13	Connector	HT200
5	Upper bearing seat	HT200	14	Impeller	Cast aluminum/ PPO
6	Bearings		15	Cylinder head	HT200
7	Rotor		16	Mechnical seal	Ceramic & Silicon carbide
8	Stator		17	Oil chamber	HT200
9	Motor housing	AISI201			

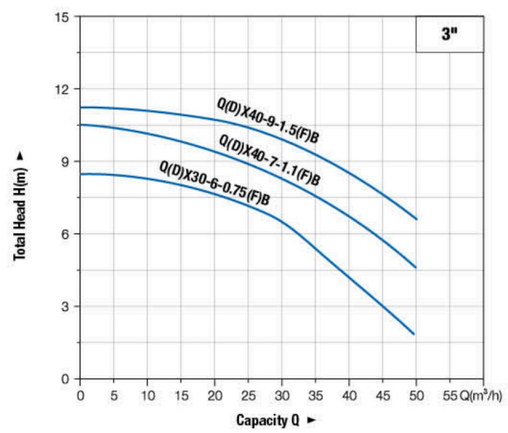
Performance Curves

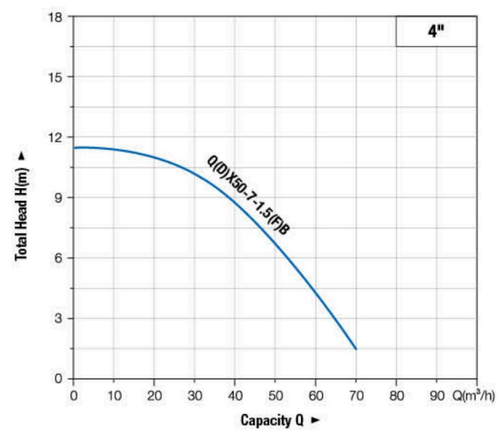












Technical Table n=3000 r/min

Model	Outlet DiBmeter	Current / B		Q(m^3/h)	0	0.6	1	1.5	2	2.5	3	3.5	4	4.5
	inch	220V	380V	Q(l/min)	0	10	16.6	25	33.3	416	50	58.3	66.6	75
QDX1.5-12-0.25(F)B	1"	2.1	-	H(m)	12.5	12.4	12.1	12	11.4	11.2	10.8	10.4	9.6	9
QDX1.5-16-0.37(F)B	1"	2.9	-		17	16.7	16.4	16	15.5	14.5	13.7	12.4	10.5	9.3
Q(D)X1.5-25-0.55(F)B	1"	4.1	-		26	25.5	25.3	25	24.8	23	22.2	21.2	20	18.5
Q(D)X1.5-32-0.75(F)B	1"	5.2	2		33	32.8	32.3	32	31.5	30.5	30	29	28	26.5
Q(D)X3-20-0.55(F)B	1"	4.1	1.6		21	20.8	20.6	20.4	20.2	20.1	20	19.6	19.3	19
QDX3-24-0.75(F)B	1"	5.2	-		28	27.5	26	25.5	24	24.5	24	22	21	20

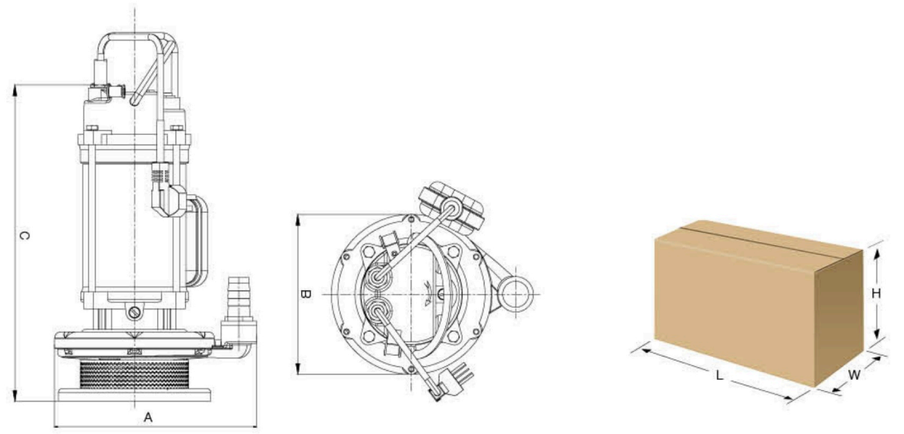
Model	Outlet DiBmeter	Current / B		Q(m^3/h)	0	1.2	1.8	3	4.2	5.2	6	7	8	9
	inch	220V	380V	Q(l/min)	0	20	30	50	70	86.6	100	117	133	150
QDX6-10-0.37(F)B	1.5"	2.9	-	H(m)	12	11.5	11.2	10.8	10.6	10.4	10	9	8	7
Q(D)X6-26-1.1(F)B	1.5"/2"	7.3	2.8		27.7	27.4	27.2	27	26.6	26.3	26	24.5	22.5	21
Q(D)X6-33-1.5(F)B	1.5"	9.5	-		35	34.5	34	33.7	33.5	33.3	33	32	31	30
Q(D)X7-18-0.75(F)B	1.5"	5.2	2		20	19.5	19.2	18.9	18.6	18.3	18.1	18	17.5	17

Model	Outlet DiBmeter	Current / B		Q(m^3/h)	0	3	4.5	6	8	10	12.5	15	18	20
	inch	220V	380V	Q(l/min)	0	50	75	100	133	167	208	250	300	333
Q(D)X10-10-0.55(F)B	1.5"	4.1	1.6	H(m)	12.5	12	11.8	11.3	10.5	10	9.5	7	6	4.5
Q(D)X10-16-0.75(F)B	2"	5.2	2		18.5	18.3	18.2	18	17	16	14	11.5	6.5	2.4
Q(D)X15-7-0.55(F)B	2"	4.1	1.6		9.6	9.4	9.3	9.2	9	8.4	8	7	6.5	5
Q(D)X15-10-0.75(F)B	2.5"	5.2	2		12.5	12.3	12.1	11.9	11.8	11.6	11.4	10	9.5	9
Q(D)X15-15-1.1(F)B	2.5"	7.3	2.8		17	16.8	16.6	16.4	16.2	16	15.5	15	14.5	13
Q(D)X15-18-1.5(F)B	2"/2.5"	9.5	3.6		20	19.5	19.3	19	18.8	18.5	18.2	18	17	16
QDX15-32-2.2B	1.5"	13.6	-		34	33.6	33.4	33.2	33	32.8	32.5	32	28.5	25

Model	Outlet DiBmeter	Current / B		Q(m^3/h)	0	10	15	20	25	30	35	40	45	50
	inch	220V	380V	Q(l/min)	0	167	250	333	417	500	583	667	750	833
Q(D)X30-6-0.75(F)B	3"	5.2	2	H(m)	9.5	8.5	8	7.8	7.3	6	5.5	4.8	4	3
Q(D)X40-7-1.1(F)B	3"	7.3	2.8		11	10.5	9.9	9.5	8.8	8	7.5	7	5.5	4
QDX40-9-1.5(F)B	3"	9.5	3.6		14.5	14.2	14	13	12	11	10	9	8	6.8

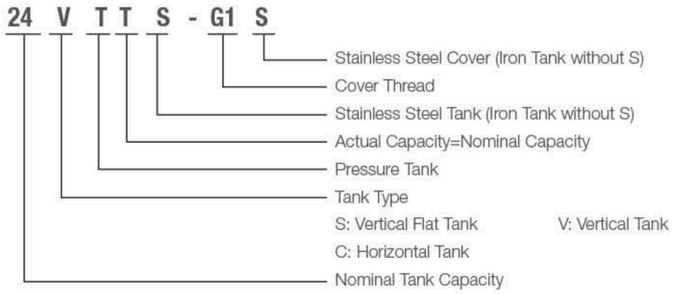
Model	Outlet DiBmeter	Current / B		Q(m^3/h)	0	15	30	50	55	65	75	80	85	90
	inch	220V	380V	Q(l/min)	0	250	500	833	917	1083	1250	1333	1417	1500
Q(D)X50-7-1.5(F)B	4"	9.5	3.6	H(m)	11.5	11	10	7	5	3.5	-	-	-	-

Installation Size and Package Information



Model	Outlet	Connector				Dimensions	Weigh(kg)		L	W	H	QuBntity
	DN	StBndBrd		OptionBl		BxBxC						
	ExternBl threBd tube	Hose	InternBl threBd tube	Hose	InternBl threBd tube	mm	Single PhBse	Three phBse	mm	mm	mm	PCS/ 20'ETU
QDX1.5-12-0.25(F)B	G1"	25	-	25	G3/4"	196x144x346	11	-	405	230	195	1759
QDX1.5-16-0.37(F)B	G1"	25	-	25	G3/4"	196x144x346	11	-	405	230	195	1759
Q(D)X1.5-25-0.55(F)B	G1"	25	-	25	G3/4"	240x190x360	13.5	-	428	240	230	1353
Q(D)X1.5-32-0.75(F)B	G1"	25	-	25	G3/4"	240x190x376	16.5	15.5	428	240	230	1353
Q(D)X3-20-0.55(F)B	G1"	25	-	25	G3/4"	205x158x357	14.5	14	433	250	208	1419
QDX3-24-0.75(F)B	G1"	25	-	25	G3/4"	240x190x375	16.5	-	475	295	235	802
QDX6-10-0.37(F)B	G1½	40	-	40	G1"	209x145x352	11.5	-	405	230	195	1759
Q(D)X6-26-1.1(F)B	G1½"/G2"	40/50	-	40/50	G1"/G1½"	254x190x429	19	17.5	485	260	235	1078
Q(D)X6-33-1.5(F)B	G1½"	40	-	40	G1"	254x193x429	21.5	-	485	260	235	1078
Q(D)X7-18-0.75(F)B	G1½"	40	-	40	G1"	235x159x379	17	16	433	250	208	1419
Q(D)X10-10-0.55(F)B	G1½"	50	-	50	G1"	223x159x371	15.5	15	440	250	200	1452
Q(D)X10-16-0.75(F)B	G2"	50	-	50	G1½"	235x159x379	17	16	440	250	205	1417
Q(D)X15-7-0.55(F)B	G2"	65	-	65	G1½"	233x158x369	16	15.5	440	250	210	1383
Q(D)X15-10-0.75(F)B	G2½	80	-	80	G2"	233x170x389	17.5	16.5	440	250	205	1417
Q(D)X15-15-1.1(F)B	G2½	80	-	80	G2"	247x172x435	19	17.5	485	260	235	1078
Q(D)X15-18-1.5(F)B	G2"/G2½"	65/80	-	65/80	G1"/G1½"	247x172x435	21.5	20	485	260	235	1078
QDX15-32-2.2B	G1½"	50	-	65	G1½"	275x212x507	27.5	-	550	230	280	746
Q(D)X30-6-0.75(F)B	-	80	G3"	-	-	267x184x412	19	18	470	295	230	1002
Q(D)X40-7-1.1(F)B	-	80	G3"	-	-	276x194x462	21	19.5	518	305	245	826
QDX40-9-1.5(F)(F)B	-	80	G3"	-	-	280x196x458	23	21.5	518	305	245	826
Q(D)X50-7-1.5(F)B	-	100	G4"	-	-	310x196x530	26.5	25	540	330	245	732

Identification Codes



Tank



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection
24ST	8	24	20	Epdm	60	G1", G3/4", NPT1"
24STT	8	24	24	Epdm	60	G1", G3/4", NPT1"



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection
2VT	8	2	2	Epdm	60	G½", NPT½"
4VT	8	4	4	Epdm	60	G1", NPT1"
5VT	8	5	5	Epdm	60	G1", NPT1"
8VT	8	8	8	Epdm	60	G1", NPT1"
19VT	8	19	18	Epdm	60	G1", NPT1"
24VT	8	24	20	Epdm	60	G1", NPT1"
24VTT	8	24	24	Epdm	60	G1", NPT1"



Model	Max. Pressure (bar)	Nominal Capacity (L)	Actual Capacity (L)	Membrane	Max. Temp (°C)	Connection
19CT	8	19	18	Epdm	60	G1", G3/4", G3/8", NPT1"
24CT	8	24	20	Epdm	60	G1", G3/4", G3/8", NPT1"
24CTT	8	24	24	Epdm	60	G1", G3/4", G3/8", NPT1"
50CT	8	50	36	Epdm	60	G1", G3/4", G3/8", NPT1"
50CTT	8	50	50	Epdm	60	G1", G3/4", G3/8", NPT1"
60CTT	8	60	60	Epdm	60	G1", G3/4", G3/8", NPT1"
100CT	8	100	80	Epdm	60	G1", G3/4", G3/8", NPT1"
100CTT	8	100	100	Epdm	60	G1", G3/4", G3/8", NPT1"

3-Way / 5-Way



5TA 3TA

Model	Connection	Length
3TA	G1"	70 , 80
5TA	G1"	80 , 90

Electromagnetic Switch



DSK-1

Rated Voltage	220~240VAC	110~120VAC	110~240VAC
Rated Frequency	50/60Hz		
Max. Power	1.1kW	0.75kW	0.75kW(110~120V) /1.1kW(220~240V)
Max. Current	10A		
Starting Pressure	1.2 bar / 1.5bar / 2.2bar		
Max. Working Pressure	10 bar		
Connection Thread	R1"(Standard) NPT1"(Optional)		
Protection Rating	IP65		
Max. Working Temp.	60°C		
Starting Flow	30~60L/h		
Cable	1.0 m plug cable + 50 cm pump connection cable		
Dimension	170×228×166 mm		



DSK-2.1

Rated Voltage	220~240VAC	110~120VAC	110~240VAC
Rated Frequency	50/60Hz		
Max. Power	1.1kW	0.75kW	0.75kW(110~120V) /1.1kW(220~240V)
Max. Current	10A		
Starting Pressure	1.2 bar / 1.5bar / 2.2bar		
Max. Working Pressure	10 bar		
Connection Thread	R1"		
Protection Rating	IP65		
Max. Working Temp.	60°C		
Starting Flow	60~160L/h		
Cable	1.0 m plug cable + 50 cm pump connection cable		
Dimension	121×148×222 mm		

Electromagnetic Switch



DSK-3

Rated Voltage	220~240VAC	110~120VAC	110~240VAC
Rated Frequency	50/60Hz		
Max. Power	1.1kW	0.75kW	0.75kW(110~120V) /1.1kW(220~240V)
Max. Current	10A		
Starting Pressure	1.2bar/1.5bar 2.2bar/2.4bar		
Max. Working Pressure	10 bar		
Connection Thread	G1"		
Protection Rating	IP65		
Max. Working Temp.	60°C		
Starting Flow	30~60L/h		
Cable	1.0 m plug cable + 50 cm pump connection cable		
Dimension	135×123×239 mm		



DSK-4

Rated Voltage	220~240VAC	110~120VAC	110~240VAC
Rated Frequency	50/60Hz		
Max. Power	1.1kW	0.75kW	0.75kW(110~120V) /1.1kW(220~240V)
Max. Current	10A		
Starting Pressure	1.2 bar / 1.5bar / 2.2bar		
Max. Working Pressure	10 bar		
Connection Thread	G1"		
Protection Rating	IP65		
Max. Working Temp.	60°C		
Starting Flow	30~60L/h		
Cable	1.0 m plug cable + 50 cm pump connection cable		
Dimension	158×187×151 mm		



DSK-5

Rated Voltage	220~240VAC	110~120VAC	110~240VAC
Rated Frequency	50/60Hz		
Max. Power	1.1kW	0.75kW	0.75kW(110~120V) /1.1kW(220~240V)
Max. Current	10A		
Starting Pressure	1.0~3.5 bar		
Max. Working Pressure	10 bar		
Connection Thread	G1"		
Protection Rating	IP65		
Max. Working Temp.	60°C		
Starting Flow	120~300L/h		
Cable	1.0 m plug cable + 50 cm pump connection cable		
Dimension	101×98×189 mm		

Electromagnetic Switch



DSK-8

Rated Voltage	220~240VAC	110~120VAC	110~240VAC
Rated Frequency	50/60Hz		
Max. Power	1.1kW	0.75kW	0.75kW(110~120V) /1.1kW(220~240V)
Max. Current	10A		
Starting Pressure	1.0 bar / 1.5bar / 2.2bar		
Max. Working Pressure	10 bar		
Connection Thread	R1"(Standard) NPT1"(Optional)		
Protection Rating	IP65		
Max. Working Temp.	60°C		
Starting Flow	30~60L/h		
Cable	1.0 m plug cable + 50 cm pump connection cable		
Dimension	144×195×172 mm		



APS-1S

Rated Voltage	110~240VAC
Rated Frequency	50/60Hz
Max. Power	2.2kW
Max. Current	16A
Starting Pressure	0.5~6.0 bar
Max. Working Pressure	1.0~9.0 bar
Connection Thread	G1" / R1" / NPT1" / R1-1/4"
Protection Rating	IP65
Max. Working Temp.	60°C
Starting Flow	30~60 L/h
Cable	1.0 m plug cable + 50 cm pump connection cable
Dimension	144×195×260 mm

*Starting and stopping pressure adjustable



FSK-1

Model	FSK-1
Rated Frequency	50/60Hz
Specification	16(8)A 125/250V
Cable	0.6m Length (Standard) , 1m / 2m / 3m / 5m (Optional) H07RNF 3×1mm2 / H07RNF 3×1.5mm2
Lifetime	100,000 cycles
IP Protection	IP68
Max. Working Temp.	55°C