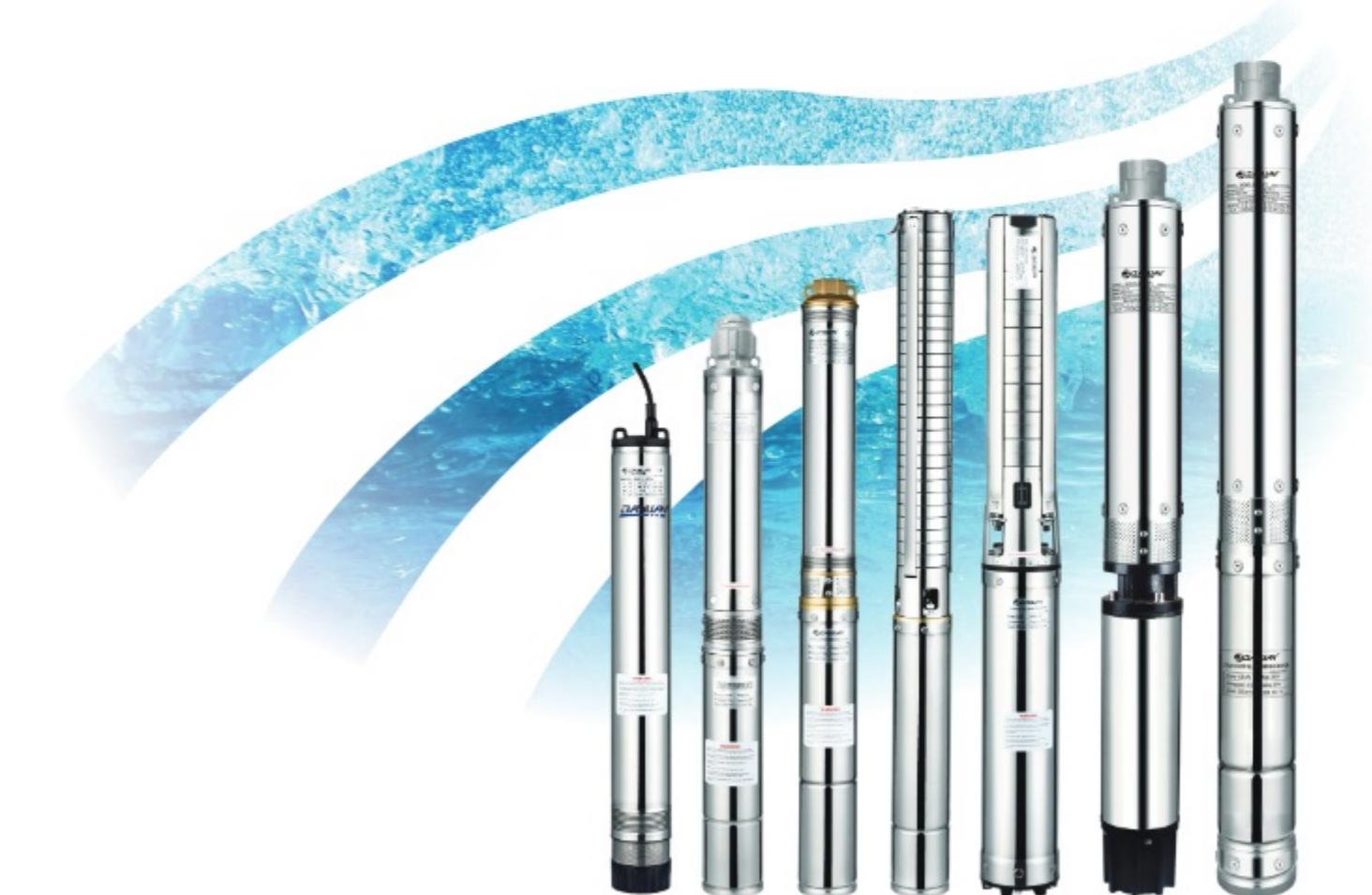




DEEP WELL PUMP



ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD
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ZHEJIANG DAYUAN PUMPS INDUSTRIAL CO.,LTD

INTRODUCTION

About DAYUAN



- DAYUAN PUMP, founded in 1990, is a professional pump solution provider engaged in R&D, manufacture, sales and service of all series pumps.
- Identified as "China Famous Brand" and high-tech enterprise
- Listed in Shanghai Stock Exchange with stock code 603757
- 2 production plants in China covering over 225,000 square meters
- New plant could reach monthly output 600,000 pcs
- Global network covers 100+ countries and regions
- Over 1,800 employees and 320+ patents
- One of the drafters of national standard in pump industry

ISO9001 ISO14001 OHSAS45001 CE SGS CQC



INTRODUCTION

DAYUAN Honor



Equipped with 24 smart automatic production lines.
Automatic installation, detection of missing installation and testing.

Set up precision testing laboratories, physics laboratories, chemical laboratories, metrological correction laboratories.
Unique 3 steps tests, including motor test, pump test and overall unit test to guarantee quality.
100% testing for pumps.



SCIENCE

BASIC CONCEPTS & INFORMATION

1. Tips for deep well pumps' selection

Many customers have chosen the wrong model of deep well pumps, which would cause the too large flow and not able to reach the required head. Or the actual head is significantly higher than the required head, resulting in problems such as more power consumption, etc.

In the process of deep well pump selection, the following issues need to be considered:

- A new well? If yes, there may be more sand in it which can cause pump stuck.
- How about the water resource?
- The water level condition?
- Functions required?

2. Key factors considered

Key factors considered	Details	Factors
Water source	Water level, water quality, water temperature, geographical environment	pump type, material
Power supply	Voltage, frequency, cable length, transformer power	pump power, frequency
Basic requirements	Flow, head or pressure	Pump model
Functions requirement	Automatic control according to temperature, water level, pressure, auto start & stop, etc.	Pump accessories
Safety protection	Safety protection of humans and animals	leakage protector, etc.

3. Tips attention

• Select the right pump model

Select the pump's rated flow and head close to the calculated value, which is efficient and power-saving. If you choose a high-head pump and use in low head, it will lead to large flow and high power, overload and overheating of the motor or even burn out (vortex pump is opposite to screw pump, the low-head motor is labor-saving).

• When the cable is slender or the voltage is low

Select a three-phase electric pump or a low-power electric pump. In this way, the current is small, the line voltage drop is small, and the motor won't overheat.

4. Operation condition

4.1 Power Requirements:

- The rated frequency is 50 Hz, the voltage is single-phase 220V, three-phase 380V, and the voltage fluctuation range is $\pm 5\%$ of the rated value;
- The load power of the transformer should not exceed 75% of its capacity;
- When the transformer is far away from the well, the voltage drop of the transmission line should be considered, and the distance from the transformer to the well head should not exceed 20 meters. If it is greater than 20 meters, the specification of the transmission line is required to be two grades larger than that of the distribution cable, and the line voltage drop should be considered.

4.2 Liquid requirements:

- Generally non-corrosive clean water;
- The sand content in water is not more than 0.01% (mass ratio);
- The pH value: 6.5~8.5;
- The hydrogen sulfide content is not more than 1.5 mg/L;
- The water temperature is not higher than 35°C .

BASIC CONCEPTS & INFORMATION

5. Calculation & Selection



In the figure above, the H0 dynamic water level is 15m (the distance between the water surface and the ground), the flat bottom distance is 20m, the slope length is 50m, the vertical height of the H1 pool is 25m, and the H2 pipeline loss (every 100m pipeline will lose 3m of head)

1. Flow selection: According to customer needs. (1 , 2 , 3 , 4 , 6 , 8 , 10 , 12 , 16 ...)
2. Calculate the lift: $H=H_0+H_1+H_2=15+25+(15+20+50)/100*3=42.55m$
3. Considering the change of water level and the wear of pump body parts, it is recommended to reserve a margin of about 20%, so it is recommended to choose $H_Z=42.55*1.2=51m$ for the final lift.
4. Refer to Dayuan Deep Well Pump catalogue (QJD series), the proper model shall be : **1000QJD2-60/11-0.75YD**



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01-06

DS

Deep Well Pump



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Dm

Deep Well Pump



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4S0m

Vortex Deep Well Pump



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QJ(D)-YD

Deep Well Pump



41-46

QJ(D)-YS

Stainless Steel Deep Well Pump



47-54

QJ(D)-SP

Stainless Steel Deep Well Pump



55-63

6DYC-(SP)

Stainless Steel Deep Well Pump



**APPLICATION**

- Transferring water from deep well and reservoirs
- Domestic water supply and irrigation
- Garden and agriculture irrigation

MOTOR AND PUMP

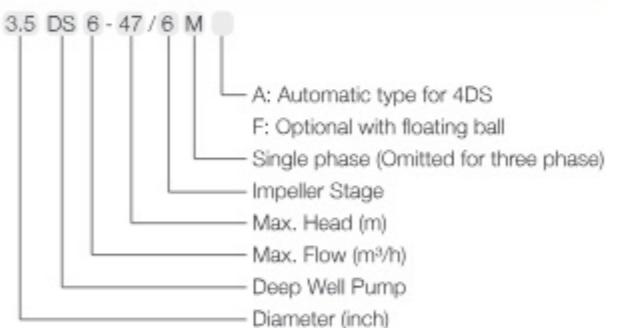
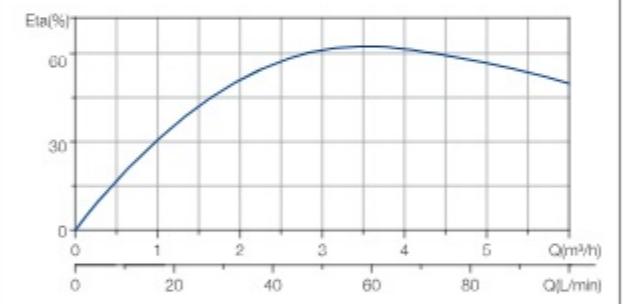
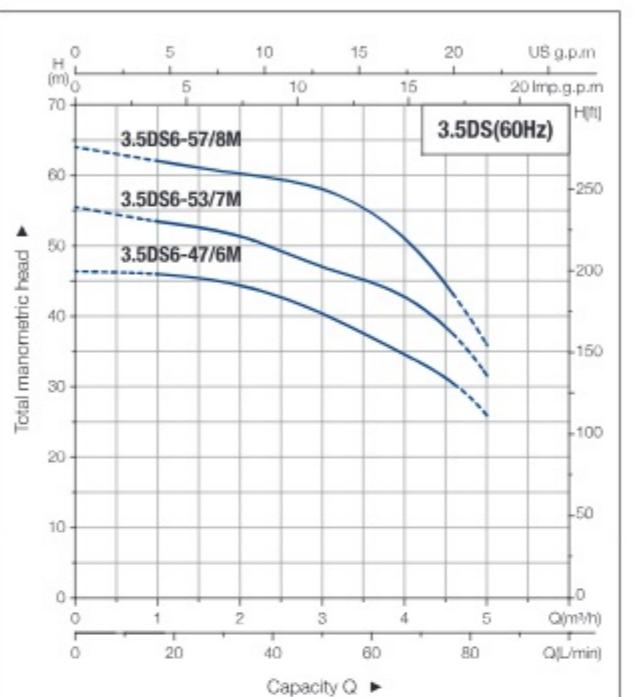
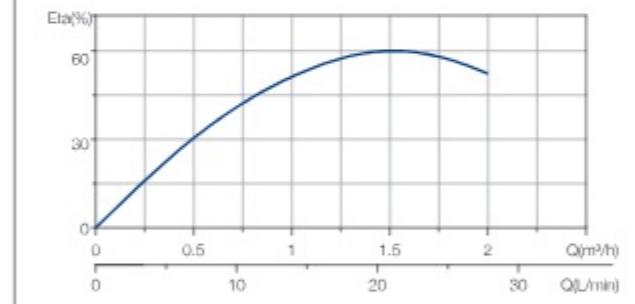
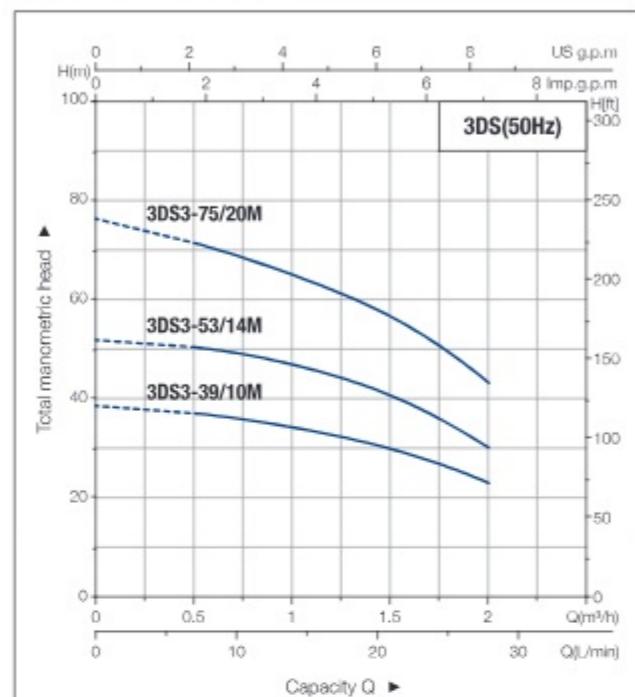
- Rewindable motor
- NSF Certified
- One-piece pump casing
- Non-return valve design
- Double mechanical sealing and oil chamber
- High level corrosion-resisting stainless steel
- Optional Auto-start/stop and dry-running protection

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.15%
- Maximum immersion: 50m(Normal type)

ONE YEAR WARRANTY**MODEL ANALYSIS**

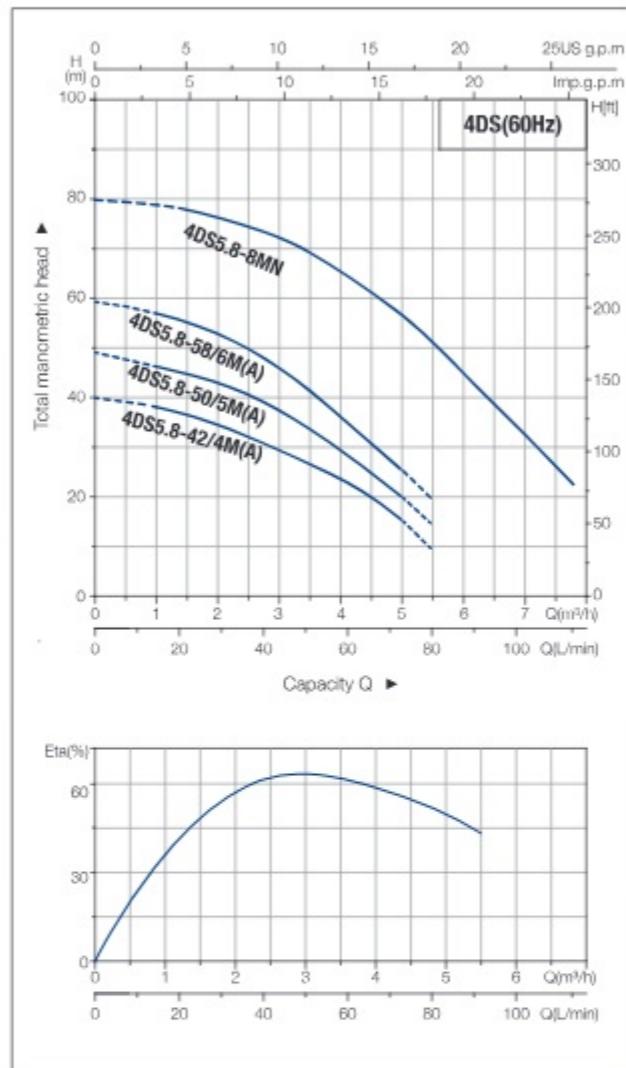
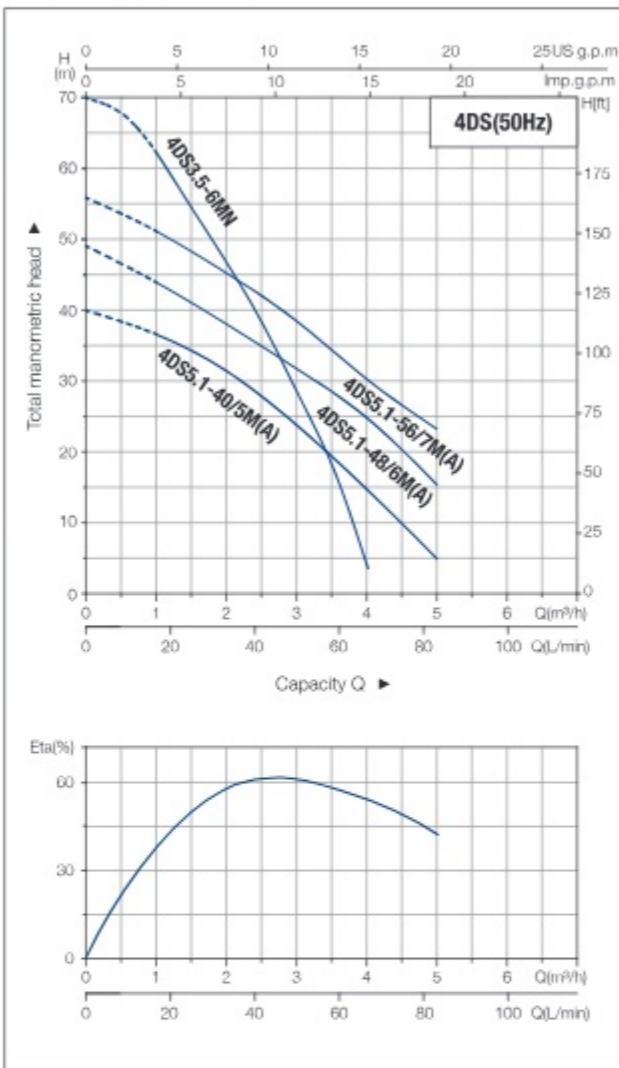
Component	Material
Pump external casing	① AISI 304 SS ② AISI 201 SS
Pump outlet	Plastic PPO
Pump inlet	Plastic PPO
Diffuser	Plastic PC
Diffuser cover	Plastic PC
Impeller	Plastic POM
Motor external casing	① AISI 304 SS ② AISI 201 SS
Upper bearing seat	ZL102
Bottom bearing seat	ZL102
Mechanical seal	Ceramics-graphite
Shaft	AISI 304 SS
Cylinder cap	Plastic PPO
Support	Plastic PVC
Strainer	AISI 304 SS
Bearing	① NSK ② C&U
Seal lubricant oil	10# food-grade lubricant oil

MODEL INSTRUCTION**PERFORMANCE CURVES****TECHNICAL TABLE n=2850 r/min**

Model	Power		Q(m³/h)	0	1	1.5	2
	kW	HP					
3DS3-39/10M	0.25	0.33		39	37	30	23
3DS3-53/14M	0.37	0.5	H(m)	53	47	45	30
3DS3-75/20M	0.55	0.75		75	66	60	43

TECHNICAL TABLE n=3450 r/min

Model	Power		Q(m³/h)	0	1	2	3	4	5	6
	kW	HP								
3.5DS6-47/6M	0.25	0.33		47	44	41	36	30	18	2
3.5DS6-53/7M	0.37	0.5	H(m)	53	50	47	40	33	20	2
3.5DS6-57/8M	0.55	0.75		57	56	52	47	38	23	2

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	1	2	3	4	5
Single phase(220V/50Hz)	kW	HP	Q(l/min)	0	17	33	50	67	84
4DS3.5-70/6M	0.6	0.8		70	62	45	28	2	-
4DS3.5-70/6M	0.6	0.8	H	70	62	45	28	2	-
4DS5.1-40/5M(A)	0.37	0.5		40	37	31	24	16	5
4DS5.1-48/6M(A)	0.55	0.75		48	41	38	31	24	15
4DS5.1-56/7M(A)	0.75	1		56	50	43	35	30	23

TECHNICAL TABLE n=3450 r/min

Model	Power		Q(m³/h)	0	1	2	4	5
Single phase(115V/60Hz)	kW	HP	Q(l/min)	0	17	33	66	83
4DS5.8-42/4M(A)	0.37	0.5		45	35	32	20	13
4DS5.8-50/5M(A)	0.6	0.8		50	44	40	25	16
4DS5.8-58/6M(A)	0.8	1.1	H(m)	58	53	48	30	20
4DS5.8-84/8M(115V/60Hz)	1.3	1.7		84	79	77	64	33
4DS5.8-84/8M(230V/60Hz)	1.3	1.7		84	79	77	64	33
4DS5.8-84/8(230V/60Hz)	1.3	1.7		84	79	77	64	33

INSTALLATION METHOD AND SIZE

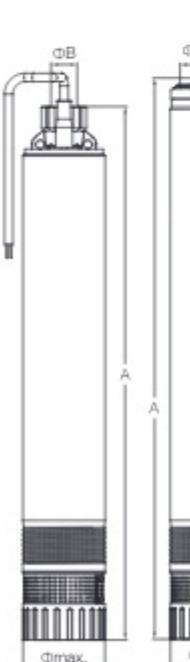
Model	Voltage / Frequency	Dimensions (mm)			G.W.	Packaging Size	Quantity	
		DN	Φ Max.	A	kg	mm	QTY/20GP	
3DS3-39/10M					804	15	825x85x85	1360
3DS3-53/14M	220V/50Hz	G1"	Φ75	942	17.5	950x85x85	1240	
3DS3-75/20M					1131	21	1150x85x85	1030

Model	Voltage / Frequency	Dimensions (mm)			G.W.	Packaging Size	Quantity	
		DN	Φ Max.	A	kg	mm	QTY/20GP	
3.5DS6-47/6M					725	12	750x90x90	1360
3.5DS6-53/7M	115V/60Hz (Optional 230V/60Hz)	G1¼"	Φ90	766	13	800x90x90	1280	
3.5DS6-57/8M					812	14	850x90x90	1200

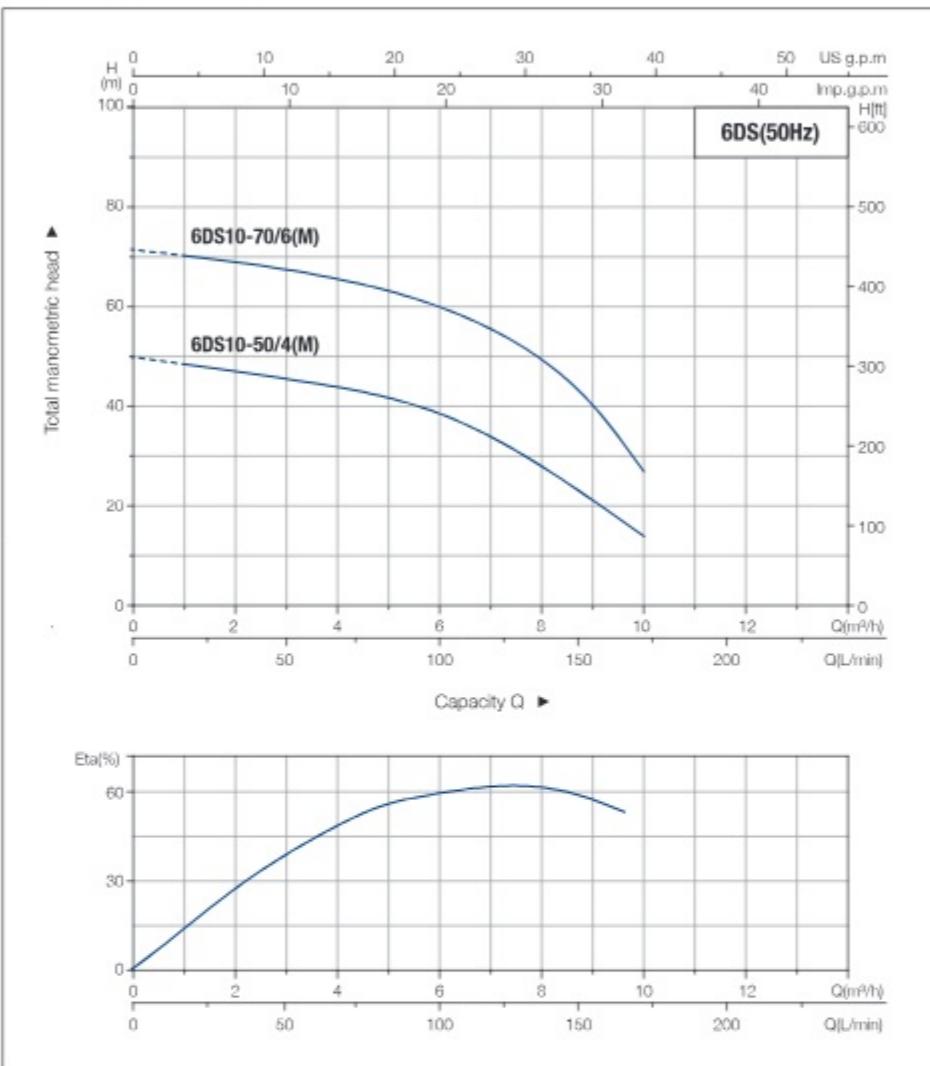
Model	Voltage / Frequency	Dimensions (mm)			G.W.	Packaging Size	Quantity	
		DN	Φ Max.	A	kg	mm	QTY/20GP	
4DS3.5-70/6M					419.8	10	600x130x130	1380
4DS3.5-70/6M					419.8	10	600x130x130	1380
4DS5.8-84/8M	115V/60Hz (Optional 230V/60Hz)	G1¼"	Φ98.4	NPT1¼"	716.8	12.5	910x130x130	1150
4DS5.8-84/8M					716.8	12.5	910x130x130	1150
4DS5.8-84/8					716.8	12.5	910x130x130	1150

Model	Voltage / Frequency	Dimensions (mm)			G.W.	Packaging Size	Quantity	
		DN	Φ Max.	A	kg	mm	QTY/20GP	
4DS5.8-42/4M					532.2	10	705x130x130	1380
4DS5.8-50/5M	115V/60Hz (Optional 230V/60Hz)	G1¼"	Φ98.4		560.6	11	740x130x130	1320
4DS5.8-58/6M					599	12	790x130x130	1280
4DS5.8-42/4MA					672	10	880x130x130	1180
4DS5.8-50/5MA	115V/60Hz	G1"	Φ98.4		710.4	11	910x130x130	1150
4DS5.8-58/6MA					748.8	12	960x130x130	1050

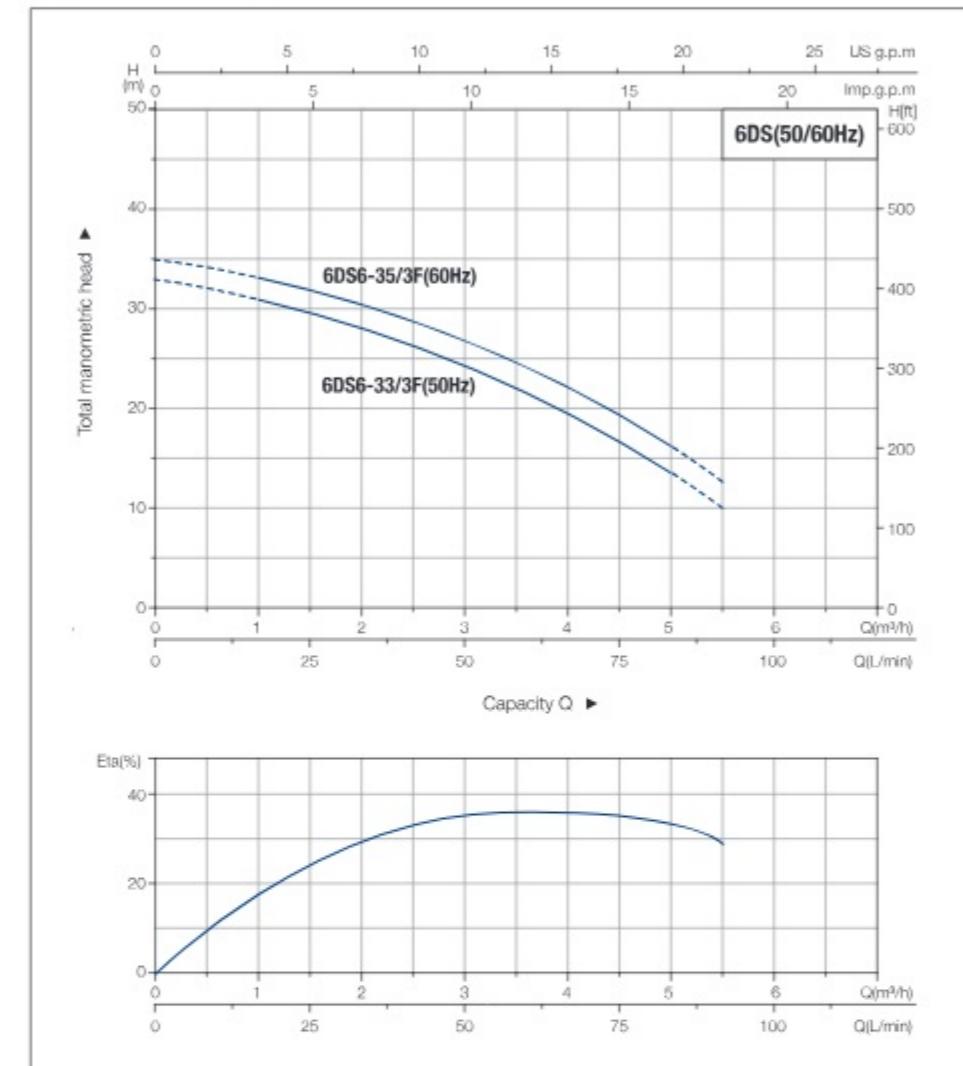
Model	Voltage / Frequency	Dimensions (mm)			G.W.	Packaging Size	Quantity	
		DN	Φ Max.	A	kg	mm	QTY/20GP	
4DS5.1-40/5M					560.6	10	740x130x130	1320
4DS5.1-48/6M	220V/50Hz	G1¼"	Φ98.4		599	11	775x130x130	1280
4DS5.1-56/7M					637.4	12	810x130x130	1200
4DS5.1-40/5MA					700.4	10	910x140x180	1100
4DS5.1-48/6MA	220V/50Hz	G1"	Φ98.4		738.8	11	950x130x130	1080
4DS5.1-56/7MA					777.2	12	990x130x130	990



PERFORMANCE CURVES



PERFORMANCE CURVES



TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	3	6	9
Single phase (220V/50Hz)	Three phase (380V/50Hz)	kW	HP	Q(l/min)	0	50	100	150
6DS10-50/4M	6DS10-50/4	1.1	1.5	H(m)	40	45	40	23
6DS10-70/6M	6DS10-70/6	2.2	3		56	69	60	35

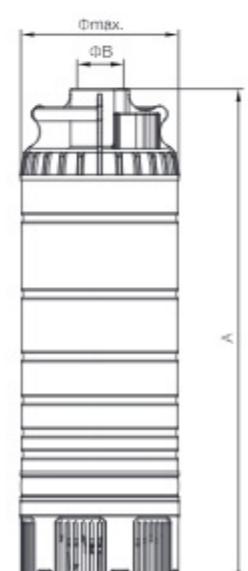


TECHNICAL TABLE n=2850 r/min / 3450 r/min

Model	Power		Q(m³/h)	0	1	2	3	4	5	6
	kW	HP	Q(l/min)	0	17	33	50	66	83	100
6DS6-35/3F(115V/60Hz)	0.37	0.5	H(m)	35	34	31	26	21	15	7
6DS6-35/3F(230V/60Hz)	0.37	0.5		35	34	31	26	21	15	7
6DS6-33/3F(220V/50Hz)	0.37	0.5		33	31	28	24	19	13	6

INSTALLATION METHOD AND SIZE

Model	Voltage / Frequency	Dimensions (mm)		G.W.	Packaging Size	Quantity	
		DN	Φ Max.	A	kg	mm	
1~ 220V/50Hz	3~ 380V/50Hz					QTY/20GP	
6DS10-50/4M	6DS10-50/4	G1½"	Φ90	600.5	20	940×170×205	807
6DS10-70/6M	6DS10-70/6			681.5	21	1000×170×205	758




APPLICATION

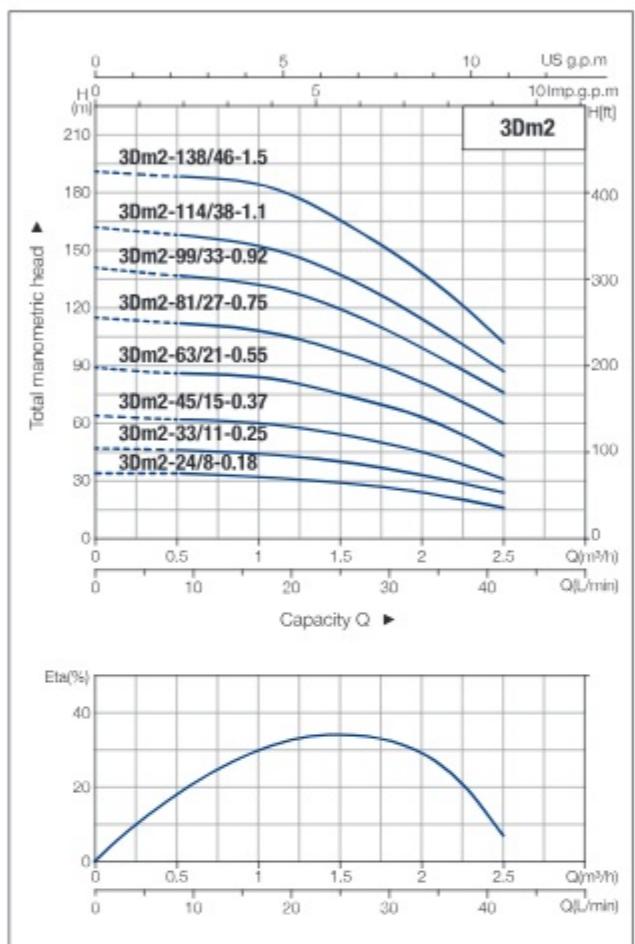
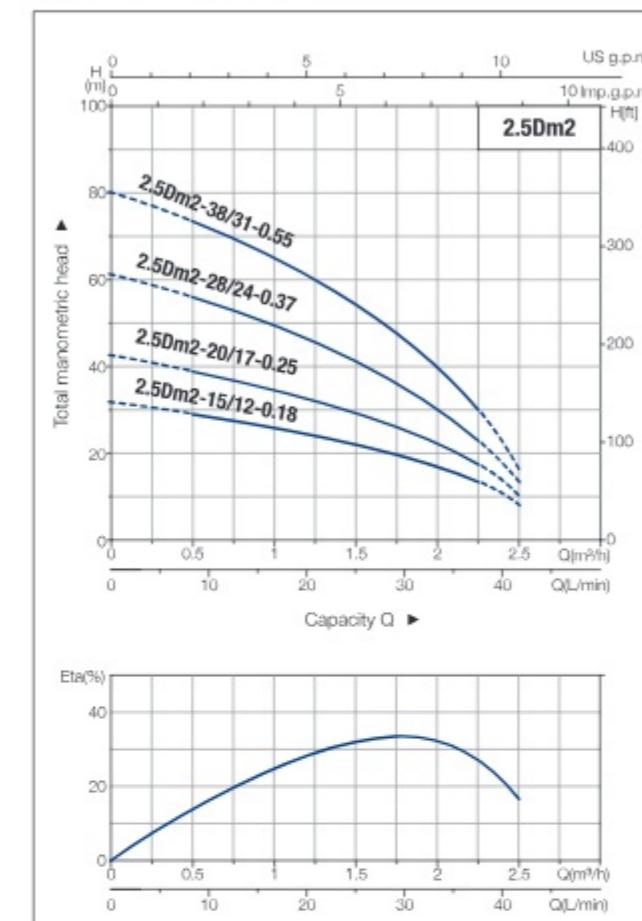
- Transferring water from deep well and reservoirs
- Domestic water supply and irrigation
- Garden and agriculture irrigation

MOTOR AND PUMP

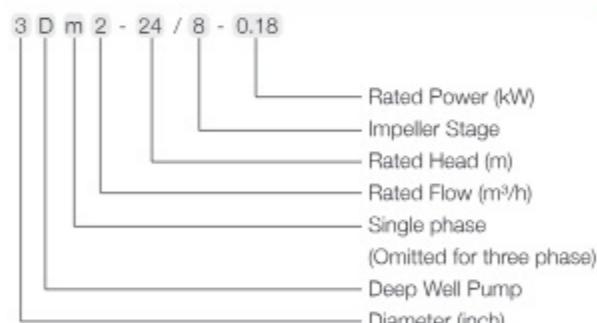
- Rewindable oil-filled motor
- NEMA dimension standards
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Pumps are designed by casing stressed
- Optional equipped with control box
- Protection class: IP68
- Insulation class: B

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.25%
- Maximum immersion: 100m
- Minimum well diameter: 2.5", 3", 3.5", 4"

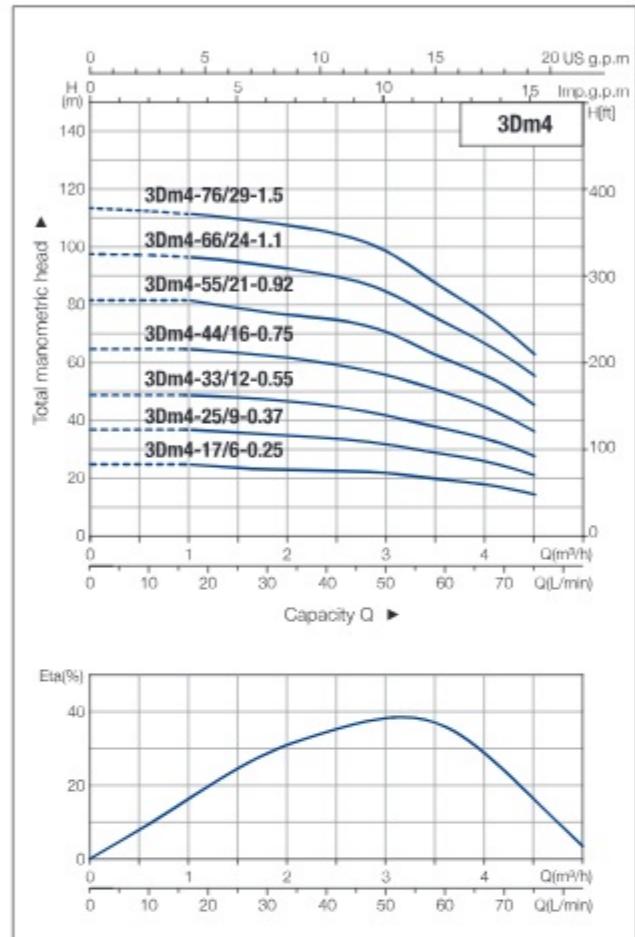
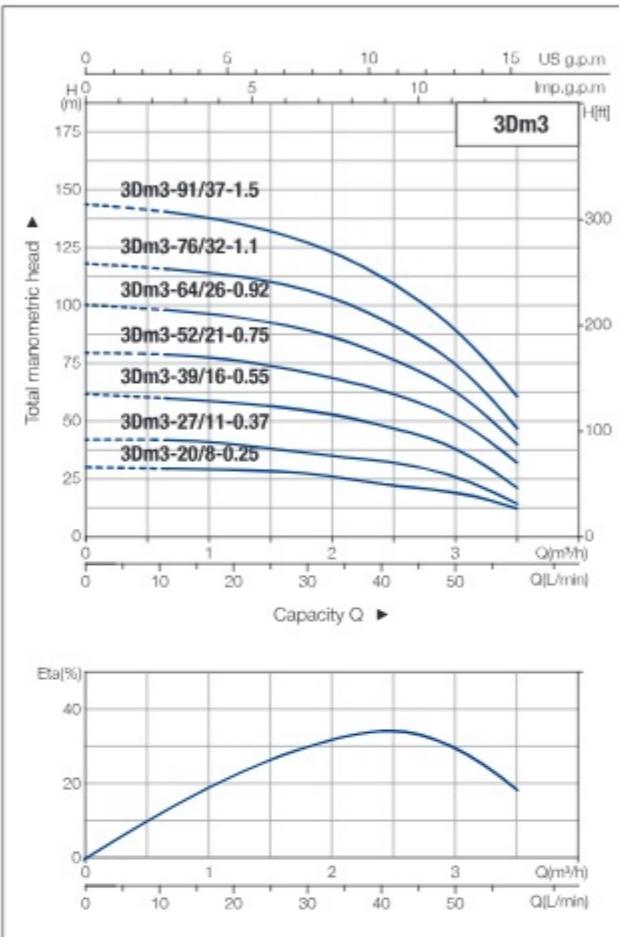
ONE YEAR WARRANTY
PERFORMANCE CURVES

MODEL ANALYSIS

Component	Material
Pump external casing	① AISI 304 SS ② AISI 201 SS
Pump outlet	① AISI 304 SS ② HT200 ③ Cast-Cu
Pump inlet	① AISI 304 SS ② HT200 ③ Cast-Cu
Diffuser	Plastic PC
Diffuser cover	Plastic PC
Impeller	Plastic POM
Shaft(rotor spindle)	① AISI 304 SS ② 06Cr13
Shaft coupling	① AISI 304 SS ② 20Cr13
Motor external casing	① AISI 304 SS ② AISI 201 SS
Oil chamber	HT200 Stainless steel, Brass
Bottom bearing seat	ADC12
Mechanical seal	Ceramics-graphite
Bottom cover	AISI 304 SS
Shaft(pump spindle)	AISI 304 SS
Bearing	① NSK ② C&U
Seal lubricant oil	10# food-grade lubricant oil

MODEL INSTRUCTION

TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	0.5	1	1.5	2	2.5
	kW	HP							
Single phase(220-240V/50Hz)									
2.5Dm2-15/12-0.18	0.18	0.25		30	27	24	20	15	6
2.5Dm2-20/17-0.25	0.25	0.33	H(m)	41	38	33	27	20	8
2.5Dm2-28/24-0.37	0.37	0.5		60	55	48	40	28	11
2.5Dm2-38/31-0.55	0.55	0.75		80	72	64	54	38	15

Model	Power		Q(m³/h)	0	0.5	1	1.5	2	2.5
	kW	HP							
Single phase(220-240V/50Hz)									
3Dm2-24/8-0.18	0.18	0.25		34	34	32	29	24	16
3Dm2-33/11-0.25	0.25	0.33	H(m)	47	46	44	40	33	24
3Dm2-45/15-0.37	0.37	0.5		64	62	60	54	45	31
3Dm2-63/21-0.55	0.55	0.75		89	86	84	75	63	43
3Dm2-81/27-0.75	0.75	1		115	112	108	97	81	60
3Dm2-99/33-0.92	0.92	1.25		141	136	132	119	99	76
3Dm2-114/38-1.1	1.1	1.5		162	158	152	137	114	87
3Dm2-138/46-1.5	1.5	2		191	187	184	165	138	102

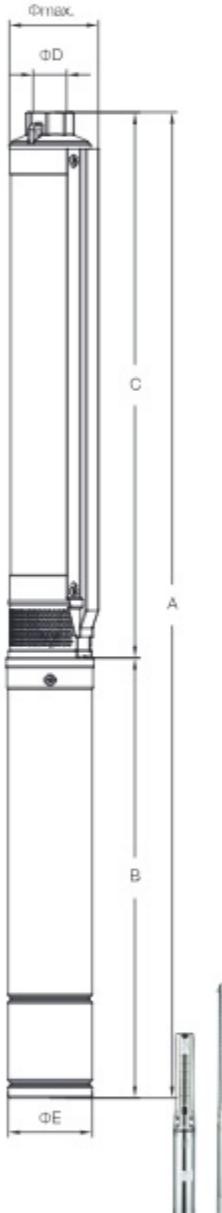
PERFORMANCE CURVES

INSTALLATION METHOD AND SIZE

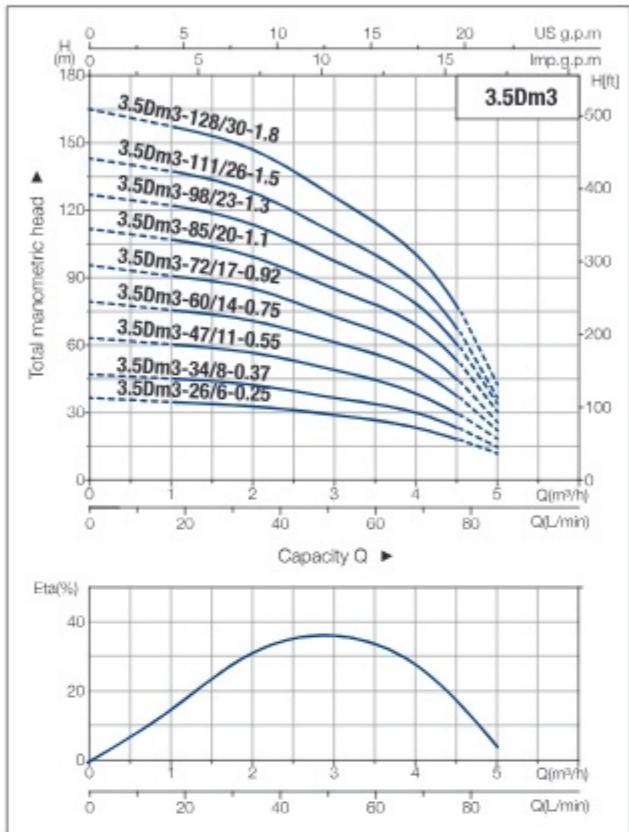
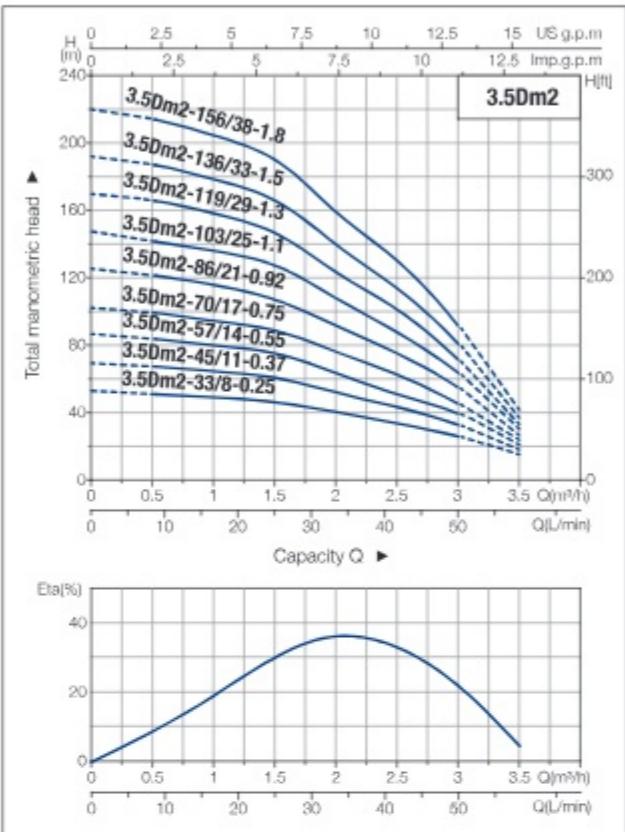
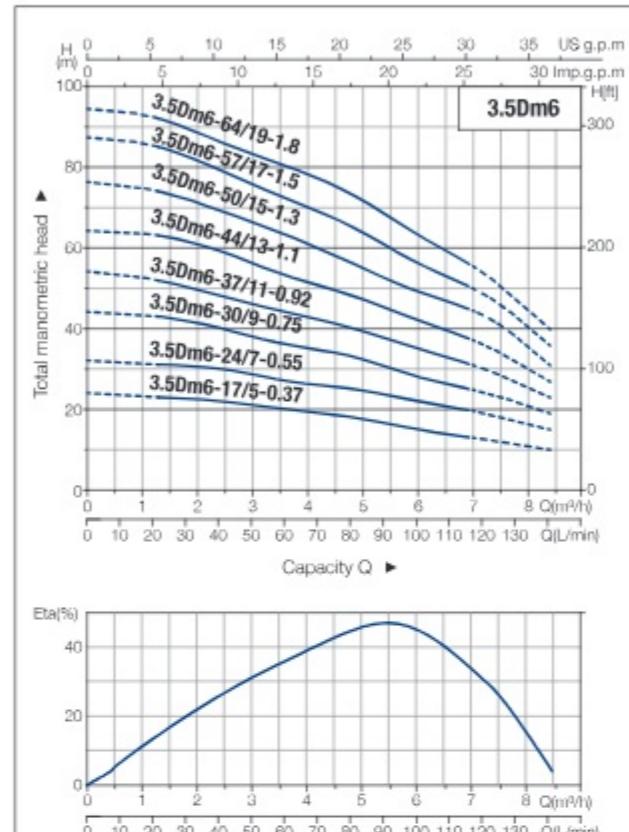
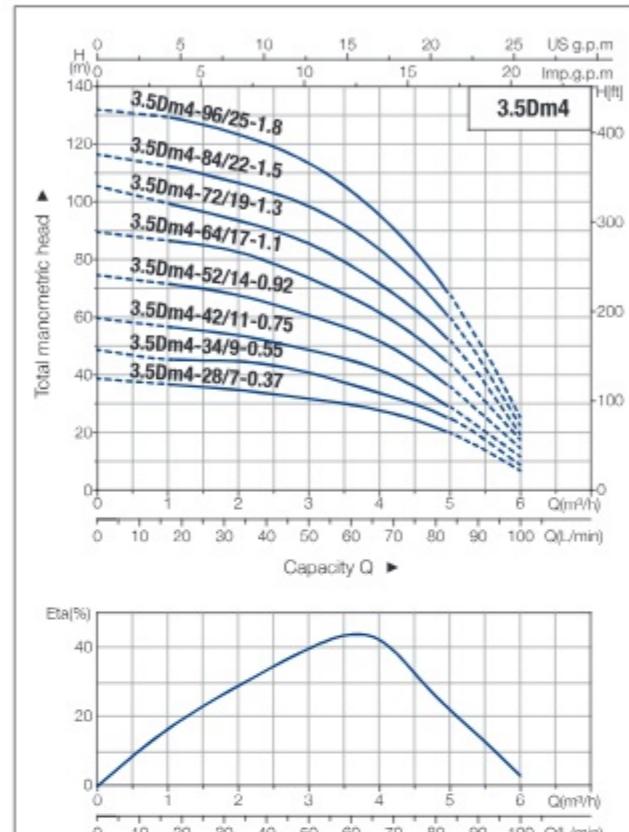
Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	Φ Max.	A	B	C	
1~ 220~240V/50Hz	DN G1"	Φ64	Φ70	772	285	487	6.1
2.5Dm2-15/12-0.18				948	306	642	6.5
2.5Dm2-20/17-0.25				1174	345	829	8.2
2.5Dm2-28/24-0.37				1434	397	1037	9.7

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	Φ Max.	A	B	C	
1~ 220~240V/50Hz	DN G1"	Φ72	Φ79	674	300	374	7.5
3Dm2-24/8-0.18				787	320	467	8.4
3Dm2-33/11-0.25				910	350	560	8.9
3Dm2-45/15-0.37				1102	380	722	10.8
3Dm2-63/21-0.55				1282	420	862	12.6
3Dm2-81/27-0.75				1486	460	1026	14.5
3Dm2-99/33-0.92				1672	505	1167	16
3Dm2-114/38-1.1				1932	555	1377	19.7

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	Φ Max.	A	B	C	
1~ 220~240V/50Hz	DN G1"	Φ72	Φ79	724	320	404	8
3Dm3-20/8-0.25				860	350	510	9
3Dm3-27/11-0.37				1020	380	640	10.5
3Dm3-39/16-0.55				1218	420	798	12.2
3Dm3-52/21-0.75				1389	460	929	13.5
3Dm3-64/26-0.92				1615	505	1110	15.7
3Dm3-76/32-1.1				1799	555	1244	18.8
3Dm3-91/37-1.5							

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	Φ Max.	A	B	C	
1~ 220~240V/50Hz	DN G1"	Φ72	Φ79	704	320	384	7.9
3Dm4-17/6-0.25				829	350	479	9.1
3Dm4-25/9-0.37				980	380	600	10.4
3Dm4-33/12-0.55				1146	420	726	11.9
3Dm4-44/16-0.75				1370	460	910	13.6
3Dm4-55/21-0.92				1511	505	1006	15.2
3Dm4-66/24-1.1				1744	555	1189	18.4
3Dm4-76/29-1.5							



PERFORMANCE CURVES

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
	kW	HP									
Single phase(220-240V/50Hz)			H(m)	0	8	17	25	33	42	50	58
3.5Dm2-33/8-0.25	0.25	0.33		46	44	42	39	33	26	18	7
3.5Dm2-45/11-0.37	0.37	0.5		63	61	58	54	45	36	25	10
3.5Dm2-57/14-0.55	0.55	0.75		81	78	74	69	57	44	32	13
3.5Dm2-70/17-0.75	0.75	1		97	94	89	83	70	56	38	16
3.5Dm2-86/21-0.92	0.92	1.25		121	117	111	102	86	69	48	19
3.5Dm2-103/25-1.1	1.1	1.5		144	138	132	123	103	82	57	23
3.5Dm2-119/29-1.3	1.3	1.75		167	163	155	143	119	96	65	26
3.5Dm2-136/33-1.5	1.5	2		190	185	176	163	136	109	75	30
3.5Dm2-156/38-1.8	1.8	2.5		219	213	203	188	156	126	86	35

Model	Power		Q(m³/h)	0	1	2	3	4	5
	kW	HP							
Single phase(220-240V/50Hz)			H(m)	0	17	33	50	67	83
3.5Dm3-26/6-0.25	0.25	0.33		34	32	30	26	20	8
3.5Dm3-34/8-0.37	0.37	0.5		45	43	40	34	27	11
3.5Dm3-47/11-0.55	0.55	0.75		62	59	55	47	36	15
3.5Dm3-60/14-0.75	0.75	1		79	75	70	60	47	19
3.5Dm3-72/17-0.92	0.92	1.25		96	91	85	72	57	23
3.5Dm3-85/20-1.1	1.1	1.5		113	108	100	85	68	28
3.5Dm3-98/23-1.3	1.3	1.75		129	124	115	98	78	32
3.5Dm3-111/26-1.5	1.5	2		146	140	130	111	88	36
3.5Dm3-128/30-1.8	1.8	2.5		169	161	150	128	101	41

TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	1	2	3	4	5	6
	kW	HP								
Single phase(220-240V/50Hz)			H(m)	0	17	33	50	67	83	100
3.5Dm4-28/7-0.37	0.37	0.55		39	37	35	32	28	20	7
3.5Dm4-34/9-0.55	0.55	0.75		49	47	45	41	34	25	9
3.5Dm4-42/11-0.75	0.75	1		60	57	54	49	42	29	12
3.5Dm4-52/14-0.92	0.92	1.25		75	72	68	61	52	36	15
3.5Dm4-64/17-1.1	1.1	1.5		90	87	83	74	64	44	18
3.5Dm4-72/19-1.3	1.3	1.75		106	100	94	86	72	52	20
3.5Dm4-84/22-1.5	1.5	2		117	113	107	99	84	60	23
3.5Dm4-96/25-1.8	1.8	2.5		134	130	124	114	96	68	26

Model	Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	

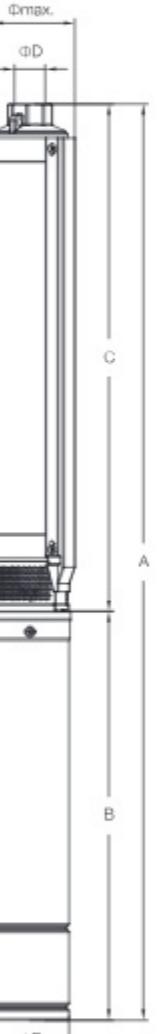
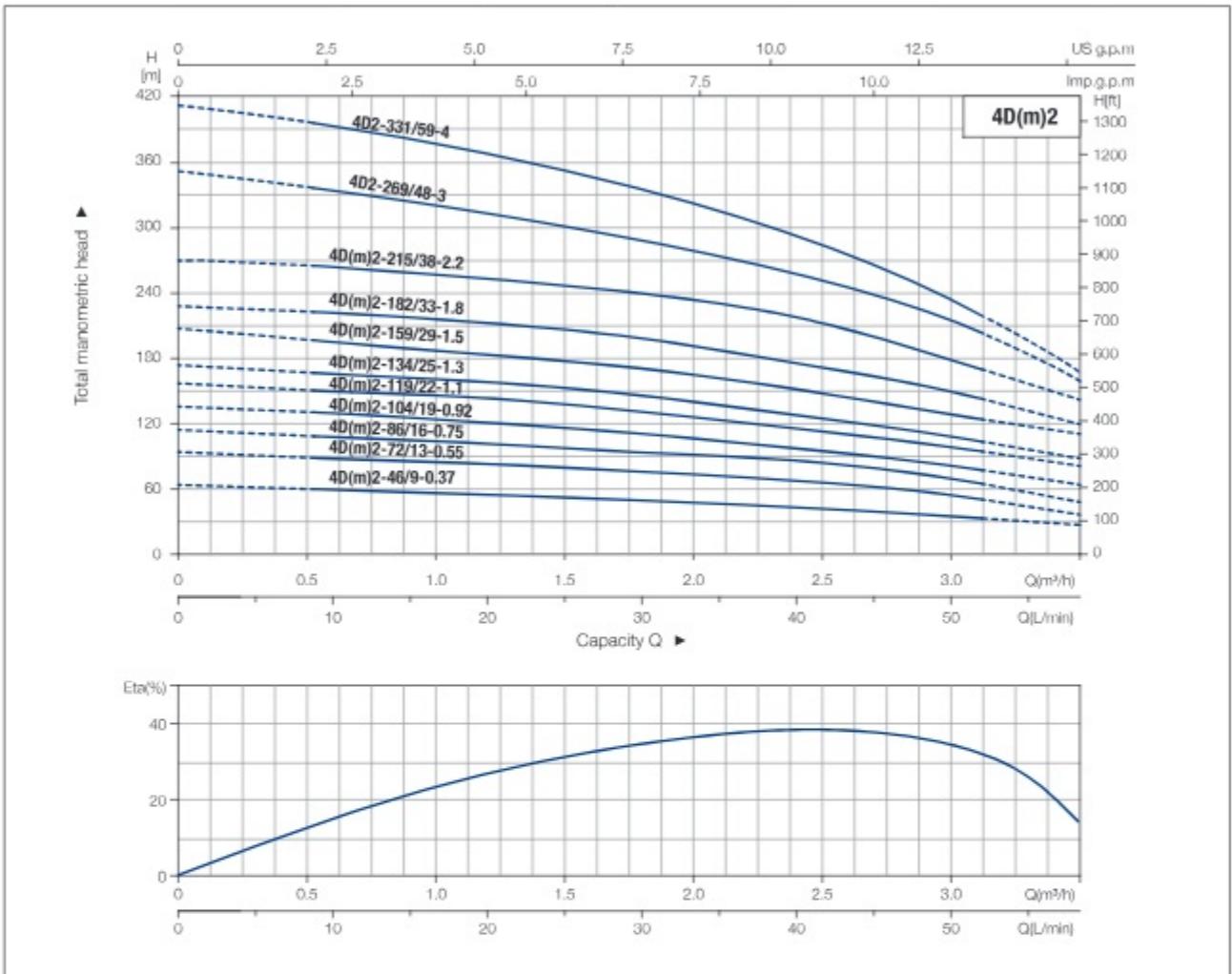
INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)					N.W.
		ΦE	Φ Max.	A	B	C	kg
1~ 220~240V/50Hz	DN G1½"	Φ85	Φ87	699	313	386	8.9
3.5Dm2-33/8-0.25				812	328	484	9.7
3.5Dm2-45/11-0.37				893	338	555	10.4
3.5Dm2-57/14-0.55				979	353	626	11.2
3.5Dm2-70/17-0.75				1115	368	747	12.3
3.5Dm2-86/21-0.92				1230	388	842	13.4
3.5Dm2-103/25-1.1				1376	413	963	14.9
3.5Dm2-119/29-1.3				1496	438	1058	16.9
3.5Dm2-136/33-1.5				1666	463	1203	18.5
3.5Dm2-156/38-1.8							

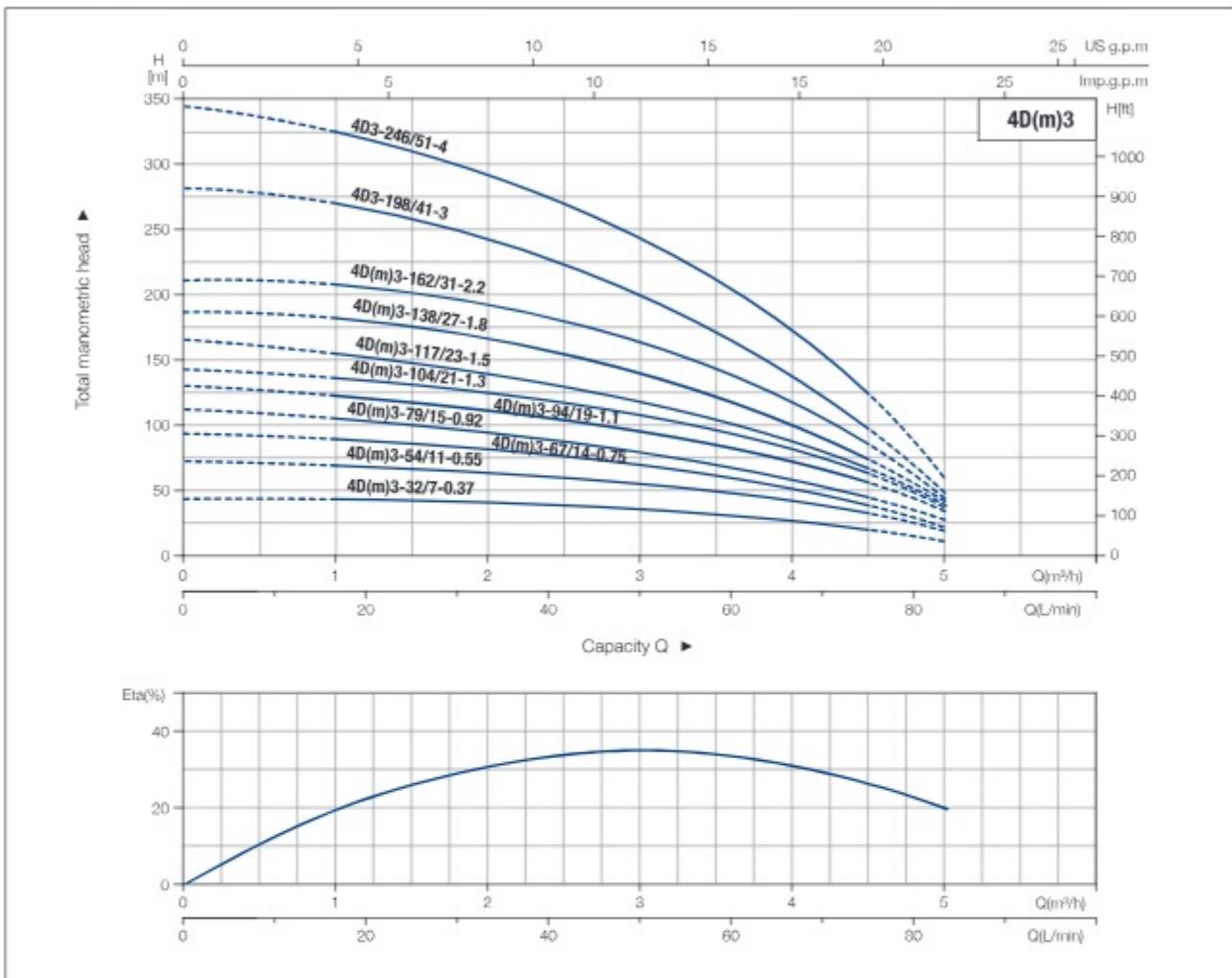
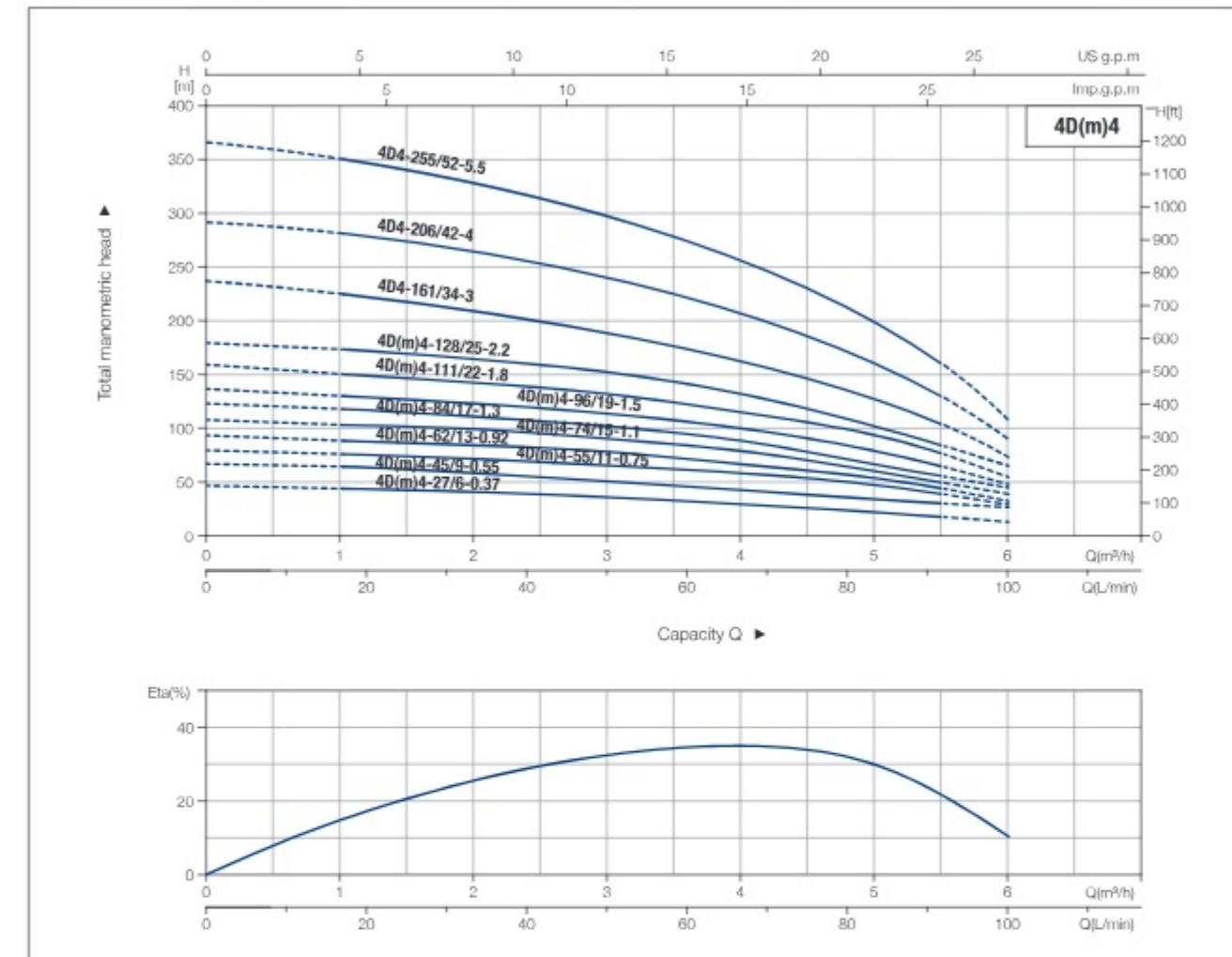
Model	Outlet	Dimensions (mm)					N.W.
		ΦE	Φ Max.	A	B	C	kg
1~ 220~240V/50Hz	DN G1½"	Φ85	Φ87	668	313	355	9.1
3.5Dm3-26/6-0.25				734.5	327.5	407	9.7
3.5Dm3-34/8-0.37				853	338	515	10.7
3.5Dm3-47/11-0.55				946	353	593	11.5
3.5Dm3-60/14-0.75				1039	368	671	12.3
3.5Dm3-72/17-0.92				1167	388	779	13.5
3.5Dm3-85/20-1.1				1270	413	857	15
3.5Dm3-98/23-1.3				1373	438	935	16.1
3.5Dm3-111/26-1.5				1532	463	1069	17.9
3.5Dm3-128/30-1.8							

Model	Outlet	Dimensions (mm)					N.W.
		ΦE	Φ Max.	A	B	C	kg
1~ 220~240V/50Hz	DN G1½"	Φ85	Φ87	727	328	399	9.5
3.5Dm4-28/7-0.37				795	338	457	10.2
3.5Dm4-36/9-0.55				894	353	541	11
3.5Dm4-42/11-0.75				996	368	628	11.8
3.5Dm4-52/14-0.92				1102	388	714	12.8
3.5Dm4-62/17-1.1				1212	413	799	14.3
3.5Dm4-72/19-1.3				1323	438	885	15.5
3.5Dm4-84/22-1.5				1435	463	972	16.8
3.5Dm4-96/25-1.8							

Model	Outlet	Dimensions (mm)					N.W.
		ΦE	Φ Max.	A	B	C	kg
1~ 220~240V/50Hz	DN G1½"	Φ85	Φ87	703	328	375	8.9
3.5Dm6-17/5-0.37				784	338	446	9.7
3.5Dm6-24/7-0.55				870	353	517	10.7
3.5Dm6-30/9-0.75				983	368	615	11.5
3.5Dm6-37/11-0.92				1074	388	686	12.5
3.5Dm6-44/13-1.1				1170	413	757	14
3.5Dm6-50/15-1.3				1266	438	828	15
3.5Dm6-57/17-1.5				1389	463	926	16.4
3.5Dm6-64/19-1.8							


PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

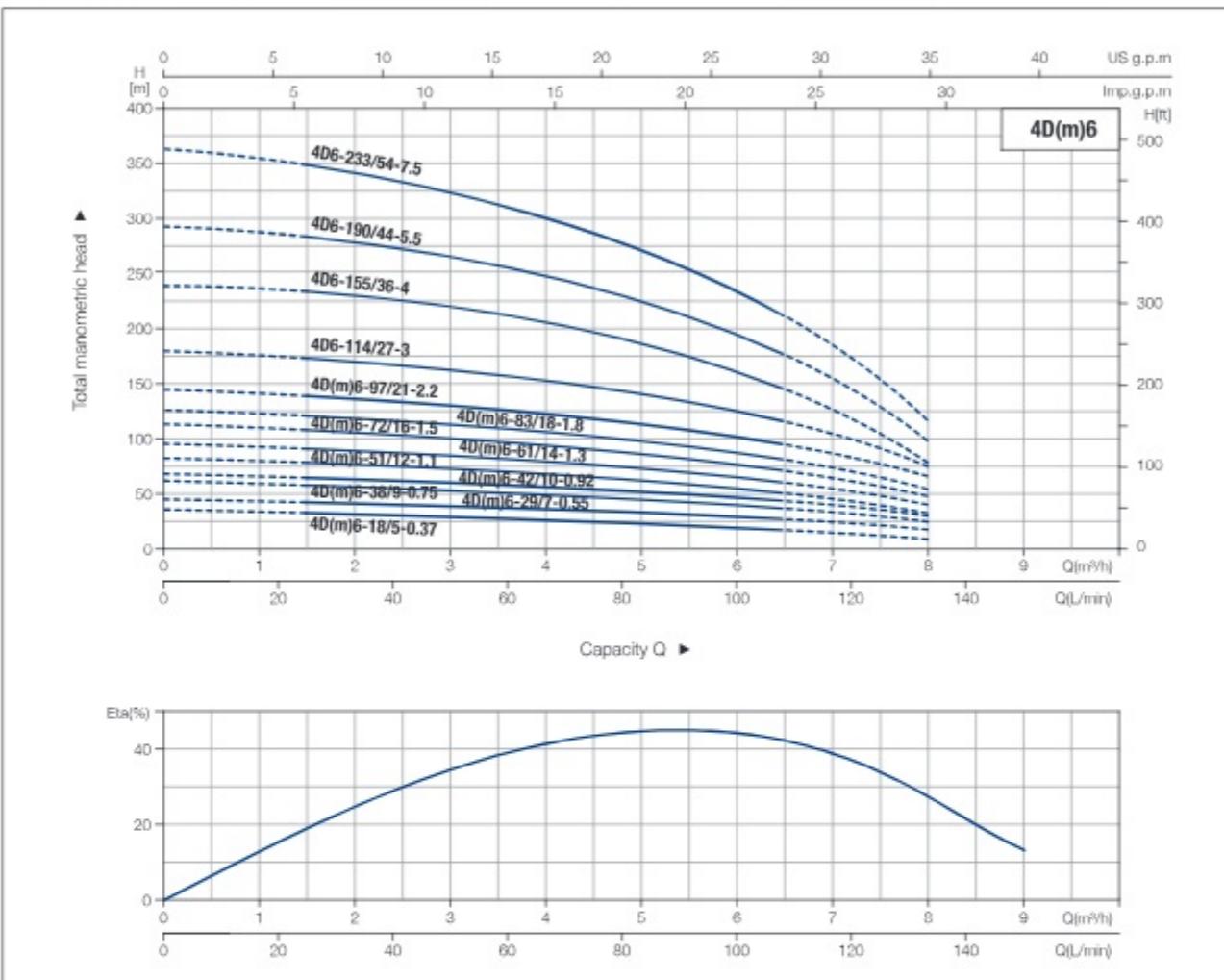
Model	Power		Q(m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
	Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)									
4Dm2-46/9-0.37	4D2-46/9-0.37	0.37	0.5	63	61	58	53	46	40	31	20
4Dm2-72/13-0.55	4D2-72/13-0.55	0.55	0.75	93	91	88	81	72	63	49	32
4Dm2-86/16-0.75	4D2-86/16-0.75	0.75	1	112	109	105	96	86	75	58	41
4Dm2-104/19-0.92	4D2-104/19-0.92	0.92	1.25	137	133	129	117	104	90	71	46
4Dm2-119/22-1.1	4D2-119/22-1.1	1.1	1.5	157	152	147	135	119	101	84	57
4Dm2-134/25-1.3	4D2-134/25-1.3	1.3	1.75	174	171	163	150	134	113	88	66
4Dm2-159/29-1.5	4D2-159/29-1.5	1.5	2	204	199	191	177	159	137	107	79
4Dm2-182/33-1.8	4D2-182/33-1.8	1.8	2.5	232	228	220	204	182	156	127	82
4Dm2-215/38-2.2	4D2-215/38-2.2	2.2	3	269	265	256	239	215	184	146	96
-	4D2-269/48-3	3	4	339	328	317	300	269	234	194	-
-	4D2-331/59-4	4	5.5	414	405	387	360	331	275	215	-

PERFORMANCE CURVES

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	1	2	3	4	5
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	17	33	50	67	83
4Dm3-32/7-0.37	4D3-32/7-0.37	0.37	0.5	H(m)	46	44	39	32	21	9
4Dm3-54/11-0.55	4D3-54/11-0.55	0.55	0.75		74	71	65	54	39	21
4Dm3-67/14-0.75	4D3-67/14-0.75	0.75	1		94	90	82	67	48	24
4Dm3-79/15-0.92	4D3-79/15-0.92	0.92	1.25		110	104	95	79	55	26
4Dm3-94/19-1.1	4D3-94/19-1.1	1.1	1.5		130	124	112	94	66	33
4Dm3-104/21-1.3	4D3-104/21-1.3	1.3	1.75		145	138	126	104	74	38
4Dm3-117/23-1.5	4D3-117/23-1.5	1.5	2		161	153	141	117	82	43
4Dm3-138/27-1.8	4D3-138/27-1.8	1.8	2.5		188	181	166	138	98	46
4Dm3-162/31-2.2	4D3-162/31-2.2	2.2	3		211	214	194	162	114	48
-	4D3-198/41-3	3	4		280	269	246	202	140	50
-	4D3-246/51-4	4	5.5		348	333	306	246	174	60

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	1	2	3	4	5	6
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	17	33	50	67	83	100
4Dm4-27/6-0.37	4D4-27/6-0.37	0.37	0.5	H(m)	41	39	36	33	27	19	10
4Dm4-45/9-0.55	4D4-45/9-0.55	0.55	0.75		64	60	57	53	45	34	21
4Dm4-55/11-0.75	4D4-55/11-0.75	0.75	1		78	73	70	65	55	43	27
4Dm4-62/13-0.92	4D4-62/13-0.92	0.92	1.25		90	85	81	74	62	47	28
4Dm4-74/15-1.1	4D4-74/15-1.1	1.1	1.5		105	100	95	88	74	55	35
4Dm4-84/17-1.3	4D4-84/17-1.3	1.3	1.75		121	114	108	99	84	65	40
4Dm4-96/19-1.5	4D4-96/19-1.5	1.5	2		134	128	122	112	96	75	46
4Dm4-111/22-1.8	4D4-111/22-1.8	1.8	2.5		159	148	141	130	111	88	56
4Dm4-128/25-2.2	4D4-128/25-2.2	2.2	3		179	169	163	151	128	99	63
-	4D4-161/34-3	3	4		236	222	211	193	161	125	74
-	4D4-206/42-4	4	5.5		294	279	263	242	206	157	93
-	4D4-255/52-5.5	5.5	7.5		364	286	325	299	255	194	115

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4
Single phase (220~240V/50Hz)	Three phase (380~415V/50Hz)	kW	HP	Q(l/min)	0	20	40	60	80	100	120	140
4Dm6-18/5-0.37	4D6-18/5-0.37	0.37	0.5		33	31	29	27	23	18	12	5
4Dm6-29/7-0.55	4D6-29/7-0.55	0.55	0.75		47	45	43	40	35	29	21	11
4Dm6-38/9-0.75	4D6-38/9-0.75	0.75	1		62	58	56	53	47	38	29	18
4Dm6-42/10-0.92	4D6-42/10-0.92	0.92	1.25		68	64	63	59	52	42	32	20
4Dm6-51/12-1.1	4D6-51/12-1.1	1.1	1.5		82	78	75	70	62	51	38	22
4Dm6-61/14-1.3	4D6-61/14-1.3	1.3	1.75		96	92	88	83	74	61	45	29
4Dm6-72/16-1.5	4D6-72/16-1.5	1.5	2	H(m)	111	107	103	97	85	72	55	35
4Dm6-83/18-1.8	4D6-83/18-1.8	1.8	2.5		125	120	116	109	99	83	64	41
4Dm6-97/21-2.2	4D6-97/21-2.2	2.2	3		147	141	135	129	116	97	75	50
-	4D6-114/27-3	3	4		178	171	165	155	138	114	87	54
-	4D6-155/36-4	4	5.5		240	231	222	209	187	155	119	74
-	4D6-190/44-5.5	5.5	7.5		293	282	271	255	228	190	145	90
-	4D6-233/54-7.5	7.5	10		360	346	332	313	280	233	178	111

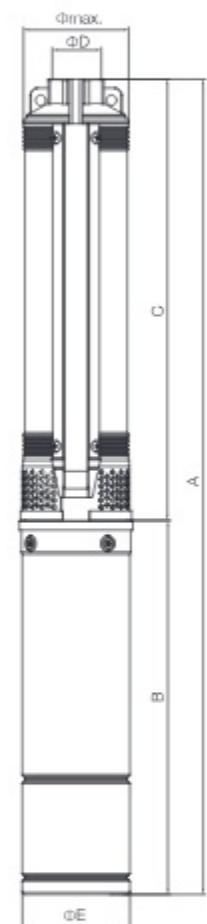
INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)						N.W. / kg			
		DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
1~ 220~240V/50Hz	3~ 380~415V/50Hz				697	697	267	267	430	9.9	8.9
4Dm2-46/9-0.37	4D2-46/9-0.37				862	852	297	287	565	12.3	11.3
4Dm2-72/13-0.55	4D2-72/13-0.55				955	935	317	297	638	13.5	12.4
4Dm2-86/16-0.75	4D2-86/16-0.75				1075	1065	327	317	748	14.7	13.6
4Dm2-104/19-0.92	4D2-104/19-0.92				1179	1149	357	327	822	16.7	15.7
4Dm2-119/22-1.1	4D2-119/22-1.1				1268	1253	372	357	896	17.8	16.8
4Dm2-134/25-1.3	4D2-134/25-1.3	G1½*	Φ92	Φ98	1427	1402	397	372	1030	19.7	18.7
4Dm2-159/29-1.5	4D2-159/29-1.5				1555	1525	427	397	1128	21.7	20.6
4Dm2-182/33-1.8	4D2-182/33-1.8				1769	1714	482	427	1287	25.5	24.3
4Dm2-215/38-2.2	4D2-215/38-2.2				-	2103	-	570	1533	-	37.9
-	4D2-269/48-3				-	2454	-	650	1804	-	45.6
-	4D2-331/59-4										

* S stands for single phase, T stands for three phase

Model	Outlet	Dimensions (mm)						N.W. / kg			
		DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
1~ 220~240V/50Hz	3~ 380~415V/50Hz				665	665	267	267	398	9.6	8.7
4Dm3-32/7-0.37	4D3-32/7-0.37				803	793	297	287	506	11.9	10.9
4Dm3-54/11-0.55	4D3-54/11-0.55				940	920	317	297	623	13.3	12.3
4Dm3-67/14-0.75	4D3-67/14-0.75				977	967	327	317	650	14	13.0
4Dm3-79/15-0.92	4D3-79/15-0.92				1115	1085	357	327	758	16.3	15.2
4Dm3-94/19-1.1	4D3-94/19-1.1				1220	1205	372	357	848	17.4	16.4
4Dm3-104/21-1.3	4D3-104/21-1.3	G1½*	Φ92	Φ98	1299	1274	397	372	902	18.9	17.8
4Dm3-117/23-1.5	4D3-117/23-1.5				1437	1407	427	397	1010	20.8	19.8
4Dm3-138/27-1.8	4D3-138/27-1.8				1636	1581	482	427	1154	24.5	23.4
4Dm3-162/31-2.2	4D3-162/31-2.2				-	1994	-	570	1424	-	36.8
-	4D3-198/41-3				-	2379	-	650	1729	-	44.5
-	4D3-246/51-4										

* S stands for single phase, T stands for three phase



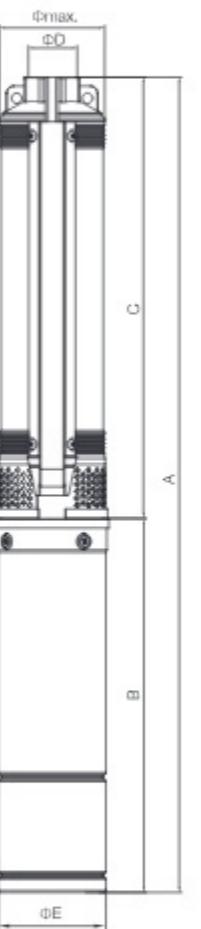
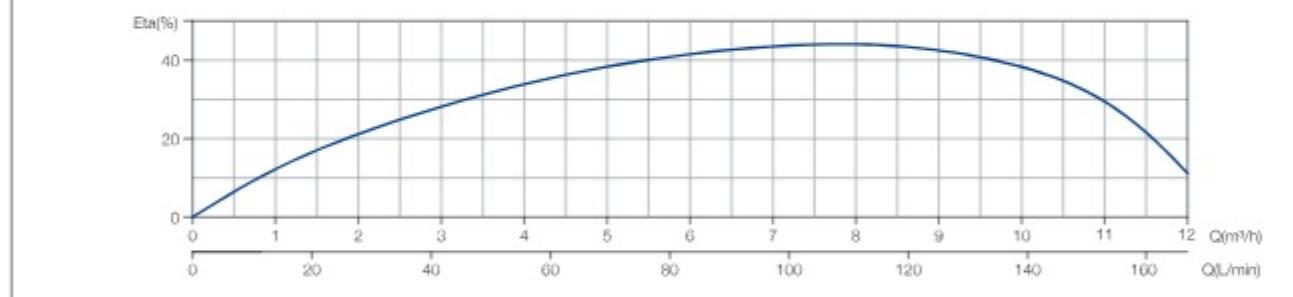
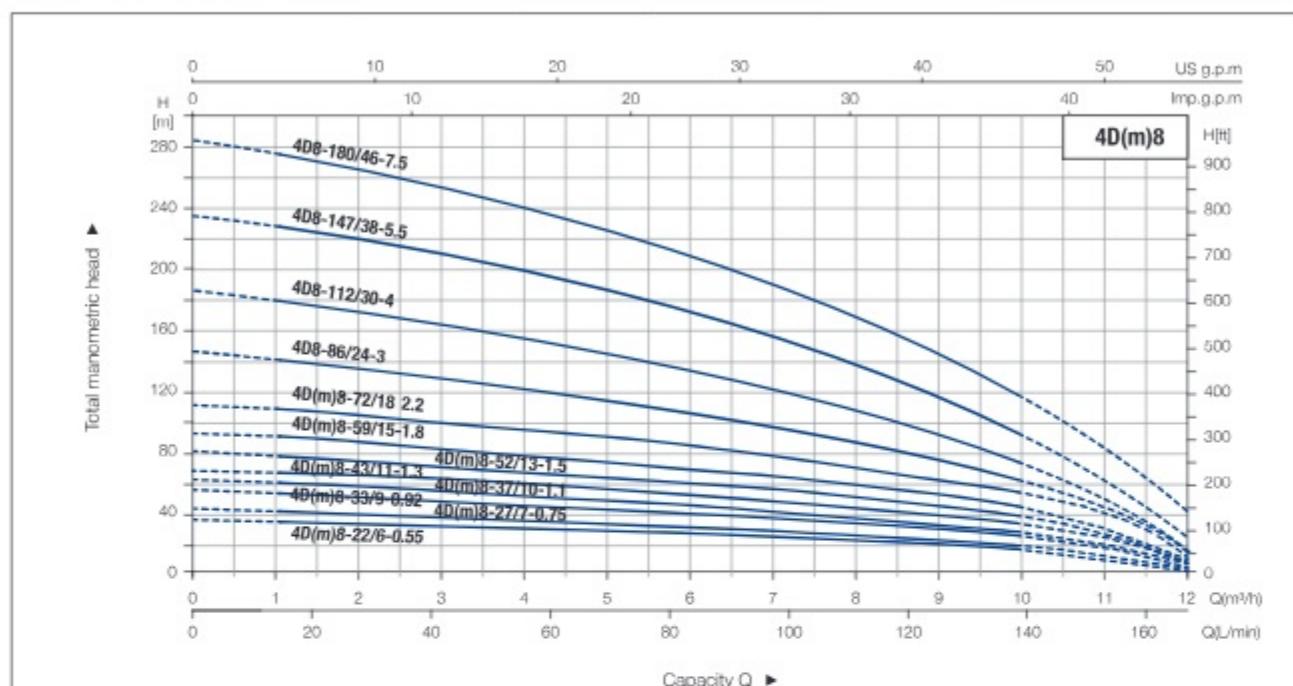
INSTALLATION METHOD AND SIZE

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
4Dm4-27/6-0.37	4D4-27/6-0.37	G1¼"	Φ92	Φ98	649	649	267	267	382	9.5	8.6
4Dm4-45/9-0.55	4D4-45/9-0.55				765	755	297	287	468	11.7	10.6
4Dm4-55/11-0.75	4D4-55/11-0.75				879	859	317	297	562	13	11.9
4Dm4-62/13-0.92	4D4-62/13-0.92				946	936	327	317	619	13.8	12.8
4Dm4-74/15-1.1	4D4-74/15-1.1				1034	1004	357	327	677	15.8	14.8
4Dm4-84/17-1.3	4D4-84/17-1.3				1406	1391	372	357	1034	17.3	16.2
4Dm4-96/19-1.5	4D4-96/19-1.5				1225	1200	397	372	828	18.4	17.4
4Dm4-111/22-1.8	4D4-111/22-1.8				1341	1311	427	397	914	20.3	19.2
4Dm4-128/25-2.2	4D4-128/25-2.2				1483	1428	482	427	1001	23.7	22.6
-	4D4-161/34-3				-	1866	-	570	1296	-	35.7
-	4D4-206/42-4				-	2212	-	650	1562	-	43
-	4D4-255/52-5.5				-	2666	-	780	1886	-	55.5

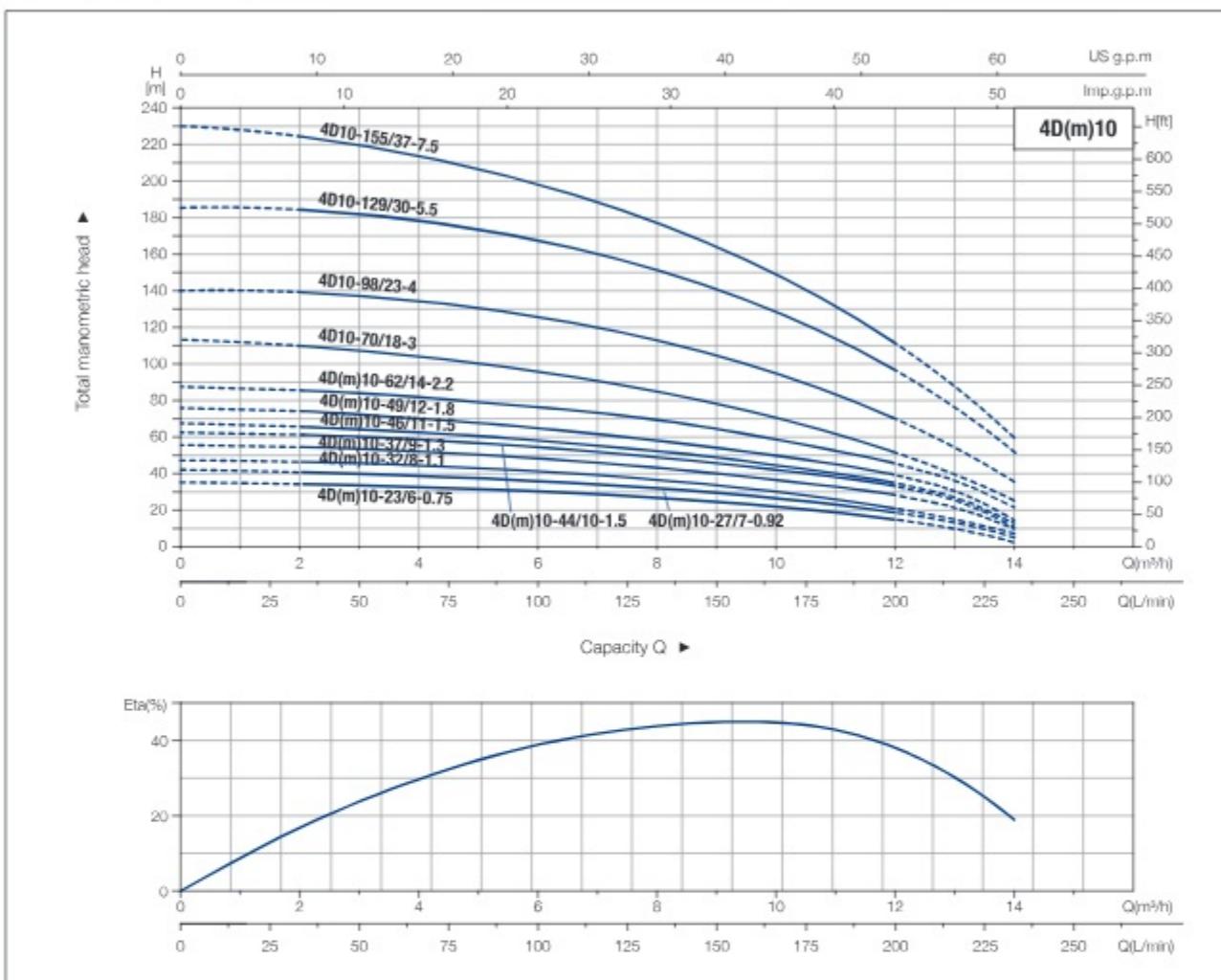
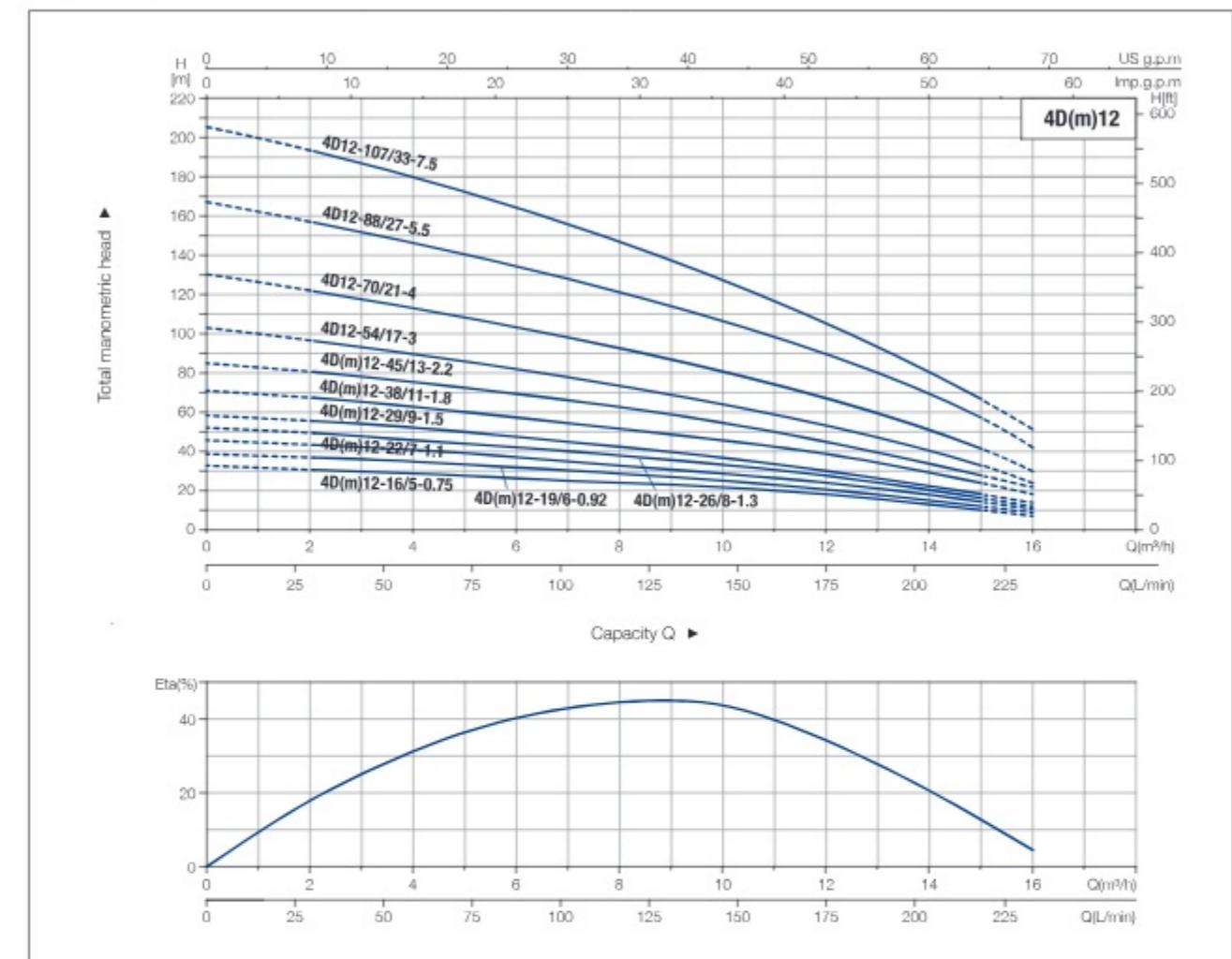
* S stands for single phase, T stands for three phase

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
4Dm6-18/5-0.37	4D6-18/5-0.37	G1¼"	Φ92	Φ98	647	647	267	267	380	9.5	8.6
4Dm6-29/7-0.55	4D6-29/7-0.55				745	735	297	287	448	11.6	10.5
4Dm6-38/9-0.75	4D6-38/9-0.75				834	814	317	297	517	12.8	11.8
4Dm6-42/10-0.92	4D6-42/10-0.92				914	904	327	317	587	13.6	12.6
4Dm6-51/12-1.1	4D6-51/12-1.1				1012	982	357	327	655	15.7	14.6
4Dm6-61/14-1.3	4D6-61/14-1.3				1096	1081	372	357	724	16.7	15.70
4Dm6-72/16-1.5	4D6-72/16-1.5				1189	1164	397	372	792	18.3	17.3
4Dm6-83/18-1.8	4D6-83/18-1.8				1323	1293	427	397	896	20.2	19.1
4Dm6-97/21-2.2	4D6-97/21-2.2				1481	1426	482	427	999	23.6	22.5
-	4D6-114/27-3				-	1774	-	570	1204	-	35
-	4D6-155/36-4				-	2198	-	650	1548	-	42.6
-	4D6-190/44-5.5				-	2637	-	780	1857	-	55.1
-	4D6-233/54-7.5				-	3115	-	880	2235	-	66

* S stands for single phase, T stands for three phase


PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

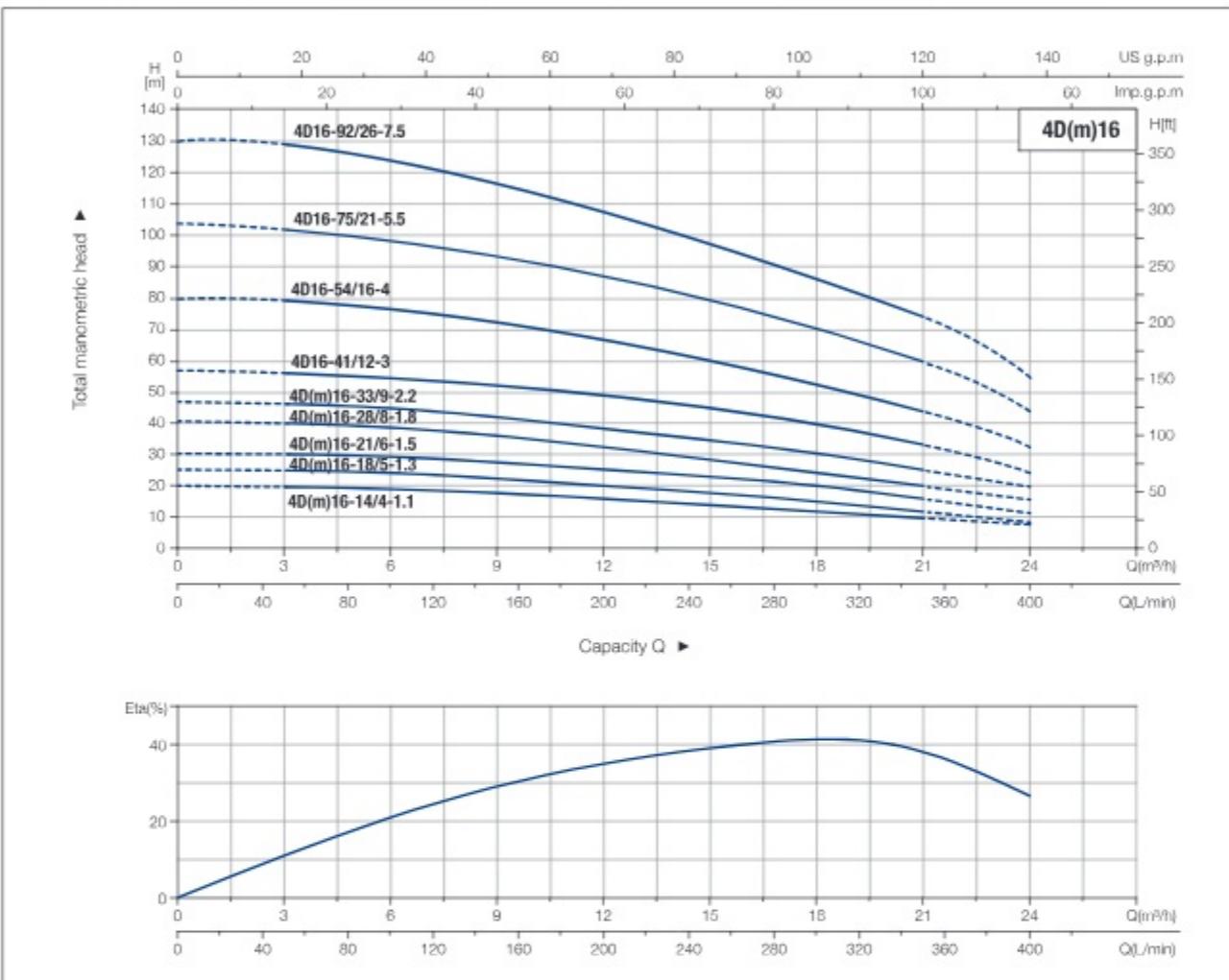
Model	Power		Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12
	Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)												
4Dm8-22/6-0.55	4D8-22/6-0.55	0.55	0.75	36	35	33	30	28	27	24	21	17	11	2
4Dm8-27/7-0.75	4D8-27/7-0.75	0.75	1	44	42	40	36	34	32	29	24	20	13	5
4Dm8-33/9-0.92	4D8-33/9-0.92	0.92	1.25	56	55	50	45	43	41	37	31	25	17	6
4Dm8-37/10-1.1	4D8-37/10-1.1	1.1	1.5	62	60	56	51	48	46	41	35	30	20	8
4Dm8-43/11-1.3	4D8-43/11-1.3	1.3	1.75	69	67	62	57	54	51	47	41	33	24	8
4Dm8-52/13-1.5	4D8-52/13-1.5	1.5	2	82	79	74	67	64	61	57	48	38	29	9
4Dm8-59/15-1.8	4D8-59/15-1.8	1.8	2.5	94	92	85	78	74	70	65	54	45	31	10
4Dm8-72/18-2.2	4D8-72/18-2.2	2.2	3	113	110	102	94	90	86	78	68	55	40	12
-	4D8-86/24-3	3	4	146	138	130	120	113	106	94	82	62	35	12
-	4D8-112/30-4	4	5.5	185	177	163	152	144	135	124	106	84	48	18
-	4D8-147/38-5.5	5.5	7.5	236	231	215	198	187	175	160	140	111	73	31
-	4D8-180/46-7.5	7.5	10	283	272	257	236	225	214	196	171	136	88	41

PERFORMANCE CURVES

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	1.8	3.6	5.4	7.2	9	10	12.6	13.8	15
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	30	60	90	120	150	167	210	230	250
4Dm10-23/6-0.75	4D10-23/6-0.75	0.75	1	H(m)	36	35	34	32	30	26	23	13	3	2
4Dm10-27/7-0.92	4D10-27/7-0.92	0.92	1.25		42	41	39	37	35	30	27	15	6	2
4Dm10-32/8-1.1	4D10-32/8-1.1	1.1	1.5		49	48	45	43	40	35	32	18	8	2
4Dm10-37/9-1.3	4D10-37/9-1.3	1.3	1.75		55	54	51	49	47	42	37	22	12	2
4Dm10-44/10-1.5	4D10-44/10-1.5	1.5	2		63	62	58	55	53	49	44	26	18	2
4Dm10-46/11-1.5	4D10-46/11-1.5	1.5	2		68	67	64	60	58	51	46	28	20	2
4Dm10-49/12-1.8	4D10-49/12-1.8	1.8	2.5		75	74	70	66	62	55	49	30	28	2
4Dm10-62/14-2.2	4D10-62/14-2.2	2.2	3		87	86	82	78	76	67	62	40	17	2
-	4D10-70/18-3	3	4		112	109	101	95	90	79	70	39	24	5
-	4D10-98/23-4	4	5.5		140	139	131	124	119	107	98	62	36	13
-	4D10-129/30-5.5	5.5	7.5		184	182	174	163	156	141	129	82	45	21
-	4D10-155/37-7.5	7.5	10		229	224	211	201	191	167	155	93	52	25

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12	14.4	16
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	30	60	90	120	150	180	200	240	270
4Dm12-16/5-0.75	4D12-16/5-0.75	0.75	1	H(m)	32	30	28	26	23	21	18	16	11	8
4Dm12-19/6-0.92	4D12-19/6-0.92	0.92	1.25		37	36	33	31	28	25	21	19	13	9
4Dm12-22/7-1.1	4D12-22/7-1.1	1.1	1.5		44	42	39	37	33	29	25	22	16	10
4Dm12-26/8-1.3	4D12-26/8-1.3	1.3	1.75		51	49	46	42	39	34	30	26	19	11
4Dm12-29/9-1.5	4D12-29/9-1.5	1.5	2		58	56	52	49	44	38	32	29	21	13
4Dm12-38/11-1.8	4D12-38/11-1.8	1.8	2.5		70	68	64	59	54	48	41	38	27	17
4Dm12-45/13-2.2	4D12-45/13-2.2	2.2	3		83	80	75	70	64	57	50	45	33	21
-	4D12-54/17-3	3	4		103	98	92	86	78	69	60	54	36	22
-	4D12-70/21-4	4	5.5		130	126	116	108	98	88	77	70	50	35
-	4D12-88/27-5.5	5.5												

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	3	6	9	12	15	16	18	21	24
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	50	100	150	200	250	260	300	350	400
4Dm16-14/4-1.1	4D16-14/4-1.1	1.1	1.5	H(m)	21	21	20	18	17	15	14	13	11	8
4Dm16-18/5-1.3	4D16-18/5-1.3	1.3	1.75		26	26	25	23	21	19	18	16	13	10
4Dm16-21/6-1.5	4D16-21/6-1.5	1.5	2		31	31	30	28	25	23	21	20	17	13
4Dm16-28/8-1.8	4D16-28/8-1.8	1.8	2.5		41	41	39	36	33	29	28	25	21	16
4Dm16-33/9-2.2	4D16-33/9-2.2	2.2	3		47	47	45	42	38	34	33	31	26	21
-	4D16-41/12-3	3	4		58	58	56	52	47	42	41	37	32	24
-	4D16-54/16-4	4	5.5		80	80	75	70	63	57	54	50	42	32
-	4D16-75/21-5.5	5.5	7.5		104	104	100	94	84	77	75	69	60	43
-	4D16-92/26-7.5	7.5	10		130	130	124	115	104	94	92	85	73	56

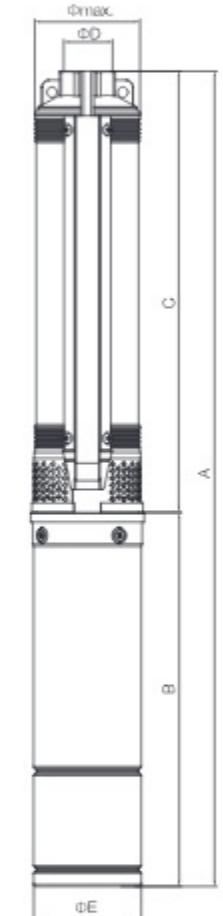
INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)						N.W. / kg			
		DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
1~ 220~240V/50Hz	3~ 380~415V/50Hz	G2"	Φ92	Φ98	735	725	297	287	438	11.4	10.40
4Dm8-22/6-0.55	4D8-22/6-0.55				793	773	317	297	476	12.4	11.30
4Dm8-27/7-0.75	4D8-27/7-0.75				880	870	327	317	553	13.3	12.30
4Dm8-33/9-0.92	4D8-33/9-0.92				984	954	357	327	627	15.3	14.30
4Dm8-37/10-1.1	4D8-37/10-1.1				1037	1022	372	357	665	16.2	15.10
4Dm8-43/11-1.3	4D8-43/11-1.3				1138	1113	397	372	741	17.7	16.70
4Dm8-52/13-1.5	4D8-52/13-1.5				1245	1215	427	397	818	19.5	18.50
4Dm8-59/15-1.8	4D8-59/15-1.8				1450	1395	482	427	968	23.2	22.10
4Dm8-72/18-2.2	4D8-72/18-2.2				-	1767	-	570	1197	-	34.6
-	4D8-86/24-3				-	2113	-	650	1463	-	41.5
-	4D8-112/30-4				-	2584	-	780	1804	-	53.9
-	4D8-147/38-5.5				-	3026	-	880	2146	-	63.9
-	4D8-180/46-7.5										

* S stands for single phase, T stands for three phase

Model	Outlet	Dimensions (mm)						N.W. / kg			
		DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
1~ 220~240V/50Hz	3~ 380~415V/50Hz	G2"	Φ92	Φ98	755	735	317	297	438	12.1	11.10
4Dm10-23/6-0.75	4D10-23/6-0.75				803	793	327	317	476	12.9	11.80
4Dm10-27/7-0.92	4D10-27/7-0.92				871	841	357	327	514	14.7	13.60
4Dm10-32/8-1.1	4D10-32/8-1.1				925	910	372	357	553	15.6	14.60
4Dm10-37/9-1.3	4D10-37/9-1.3				988	963	397	372	591	17	15.90
4Dm10-44/10-1.5	4D10-44/10-1.5				1062	1037	397	372	665	17.3	16.20
4Dm10-46/11-1.5	4D10-46/11-1.5				1130	1100	427	397	703	18.8	17.80
4Dm10-49/12-1.8	4D10-49/12-1.8				1262	1207	482	427	780	22.1	20.90
4Dm10-62/14-2.2	4D10-62/14-2.2				-	1502	-	570	932	-	32.6
-	4D10-70/18-3				-	1809	-	650	1159	-	39.3
-	4D10-98/23-4				-	2243	-	780	1463	-	51.3
-	4D10-129/30-5.5				-	2646	-	880	1766	-	61.1

* S stands for single phase, T stands for three phase



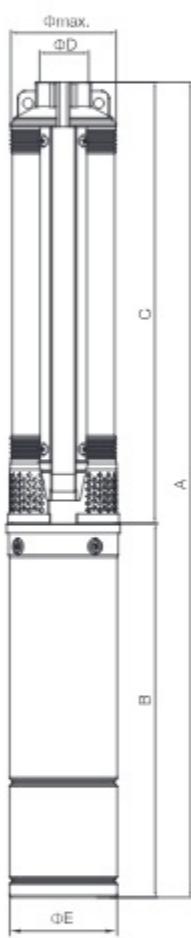
INSTALLATION METHOD AND SIZE

Model		Outlet	Dimensions (mm)							N.W. / kg	
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
4Dm12-16/5-0.75	4D12-16/5-0.75				769	749	317	297	452	12.4	11.4
4Dm12-19/6-0.92	4D12-19/6-0.92				825	815	327	317	498	13.2	12.2
4Dm12-22/7-1.1	4D12-22/7-1.1				901	871	357	327	544	15.2	14.1
4Dm12-26/8-1.3	4D12-26/8-1.3				961	946	372	357	589	16.1	15
4Dm12-29/9-1.5	4D12-29/9-1.5				1032	1007	397	372	635	17.5	16.4
4Dm12-38/11-1.8	4D12-38/11-1.8	G2*	Φ92	Φ98	1205	1175	427	397	778	19.7	18.7
4Dm12-45/13-2.2	4D12-45/13-2.2				1351	1296	482	427	869	23.1	22
-	4D12-54/17-3				-	932	-	570	1103	-	34.6
-	4D12-70/21-4				-	1159	-	650	1338	-	41.4
-	4D12-88/27-5.5				-	1463	-	780	1663	-	53.8
-	4D12-107/33-7.5				-	1766	-	880	1988	-	63.9

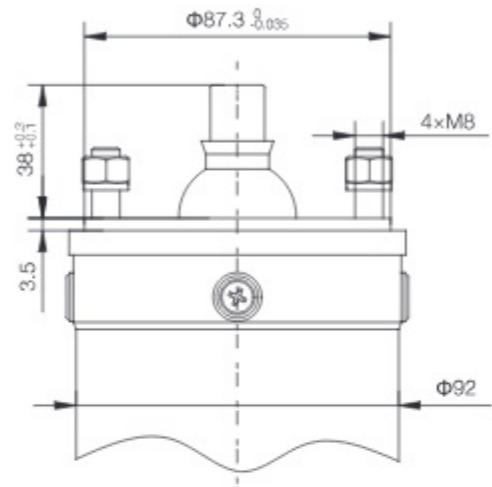
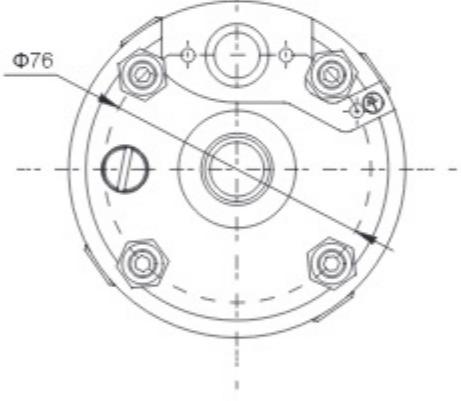
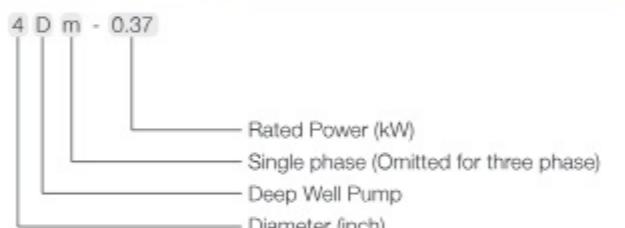
* S stands for single phase, T stands for three phase

Model		Outlet	Dimensions (mm)							N.W. / kg	
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
4Dm16-14/4-1.1	4D16-14/4-1.1				841	811	357	327	484	13.9	12.9
4Dm16-18/5-1.3	4D16-18/5-1.3				925	910	372	357	553	15	13.9
4Dm16-21/6-1.5	4D16-21/6-1.5				1018	993	397	372	621	16.5	15.5
4Dm16-28/8-1.8	4D16-28/8-1.8				1221	1191	427	397	794	18.9	17.9
4Dm16-33/9-2.2	4D16-33/9-2.2	G2*	Φ92	Φ98	1345	1290	482	427	863	22.1	21
-	4D16-41/12-3				-	1639	-	570	1069	-	33.9
-	4D16-54/16-4				-	2030	-	650	1380	-	41.2
-	4D16-75/21-5.5				-	2539	-	780	1759	-	53.9
-	4D16-92/26-7.5				-	3019	-	880	2139	-	64.3

* S stands for single phase, T stands for three phase


4Dm Series oil-filled type asynchronous submersible motor
MOTOR

- Single phase power: 0.37 to 2.2 kW
- Speed: 2850 rpm
- Voltage: 220-240V/50Hz
- Highest temperature of liquid: 40°C
- Maximum sand content: 0.25%


MODEL INSTRUCTION

TECHNICAL TABLE n=2850 r/min

Model	Power		Capacitor	Current	Efficiency	Height	Weight	
	Single phase (220-240V/50Hz)	kW	HP	μF	A	η%	mm	kg
4Dm-0.37	0.37	0.5	25		3.8	61	304	6.1
4Dm-0.55	0.55	0.75	35		5.5	67	334	7.6
4Dm-0.75	0.75	1	40		6.5	69	354	8.3
4Dm-0.92	0.92	1.25	40		7.5	68	364	8.8
4Dm-1.1	1.1	1.5	45		8.5	69	394	10.4
4Dm-1.3	1.3	1.75	50		10	71	409	11
4Dm-1.5	1.5	2	65		11	69	434	12.1
4Dm-1.8	1.8	2.5	70		13	74	464	13.4
4Dm-2.2	2.2	3	80		16	71	519	16.1


APPLICATION

- Transferring water from deep well and reservoirs
- Domestic water supply and irrigation
- Garden and agriculture irrigation

MOTOR AND PUMP

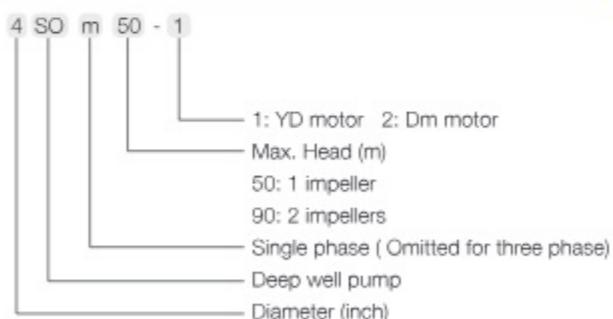
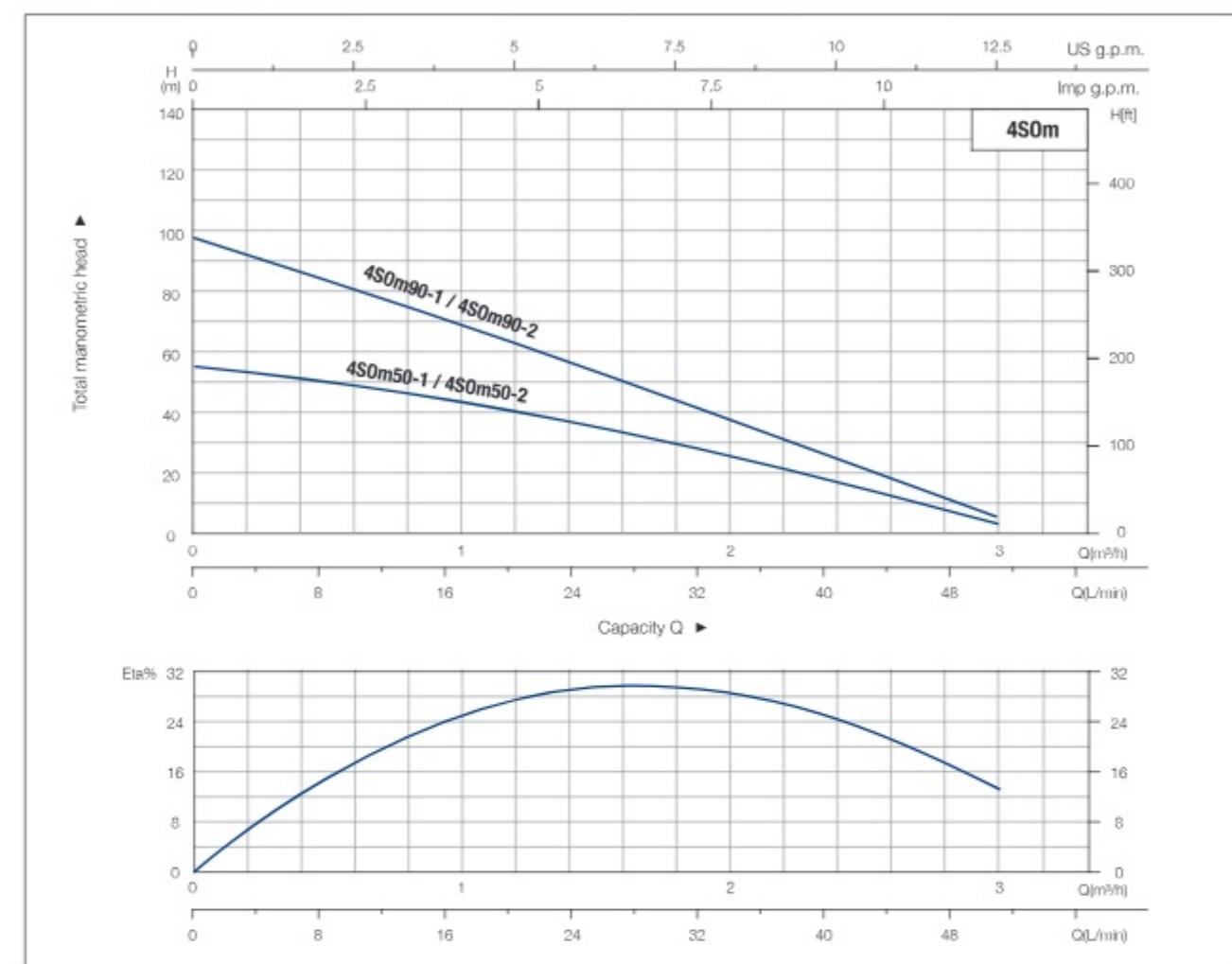
- Rewindable oil-filled motor
- NEMA dimension standards
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Pumps are designed by casing stressed
- Optional equipped with control box
- Protection class: IP68
- Insulation class: B

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.15%
- Maximum immersion: 50m (Normal type)

ONE YEAR WARRANTY
MODEL ANALYSIS

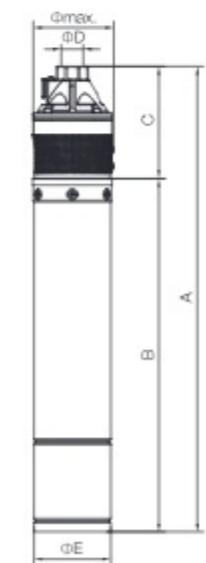
Component	Material
Pump Inlet	① Cast-Cu
Pump Outlet	Cast-Cu
Impeller	Cast-Cu
Cover plate	① 2Cr13 ② Cast-Cu
Middle cover	① 2Cr13 ② Cast-Cu
Oil chamber	① HT200 ② Cast-Cu
Shaft	AISI 304 SS
Bottom cover	AISI 304 SS
Support	① AISI 304 SS ② AISI 201 SS
Bottom bearing seat	① ZL102 ② HT200
Strainer	AISI 201 SS
Bearing	① NSK ② C&U
Seal lubricant oil	10# food-grade lubricant oil

MODEL INSTRUCTION

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 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
	kW	HP												
Single phase (220-240V/50Hz)														
4S0m50-1	0.75	1		56	53	48	44	38	33	30	21	17	9	4
4S0m50-2	0.75	1		56	53	48	44	38	33	30	21	17	9	4
4S0m90-1	1.1	1.5	H(m)	98	89	77	70	59	47	38	26	20	11	5
4S0m90-2	1.1	1.5		98	89	77	70	59	47	38	26	20	11	5

INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)					G.W.	Packaging Size
		ΦE	ΦMax.	A	B	C		
1~ 220-240V	DN							
4S0m50-1	G1"	Φ92	Φ101	513	393	120	14	650x110x110
4S0m50-2				434	314	120	14	550x110x110
4S0m90-1				571	433	138	16	700x110x110
4S0m90-2				492	354	138	16	600x110x110





APPLICATION

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

MOTOR AND PUMP

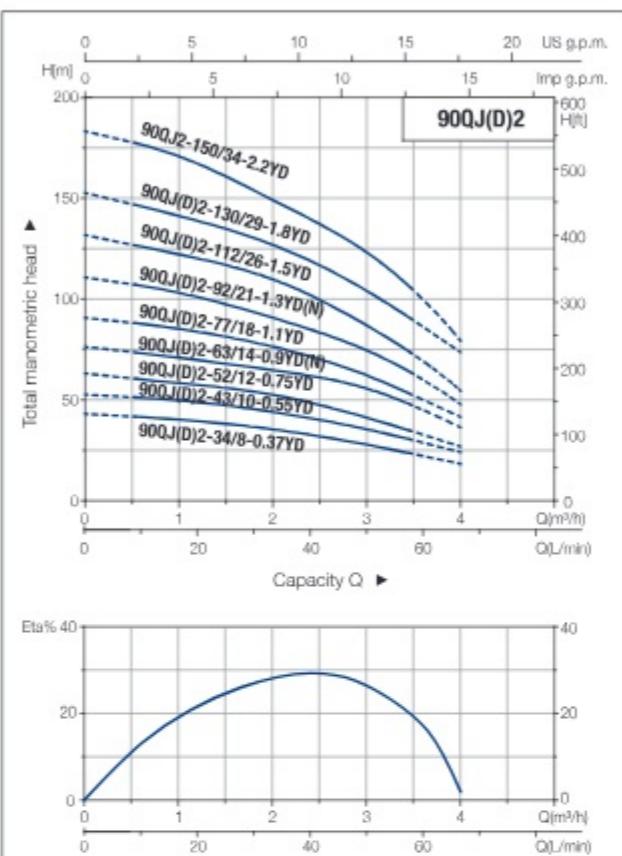
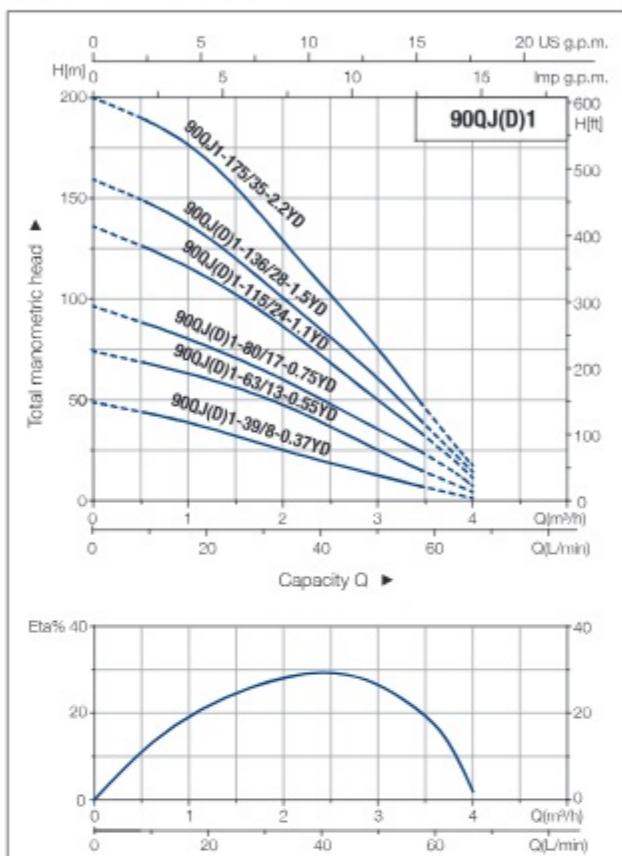
- Rewindable oil-filled motor
- NEMA dimension standards
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Pumps are designed by casing stressed
- Optional equipped with control box
- Protection class: IP68
- Insulation class: F

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.25%
- Maximum immersion: 100m
- Minimum well diameter: 3.5", 4"

ONE YEAR WARRANTY

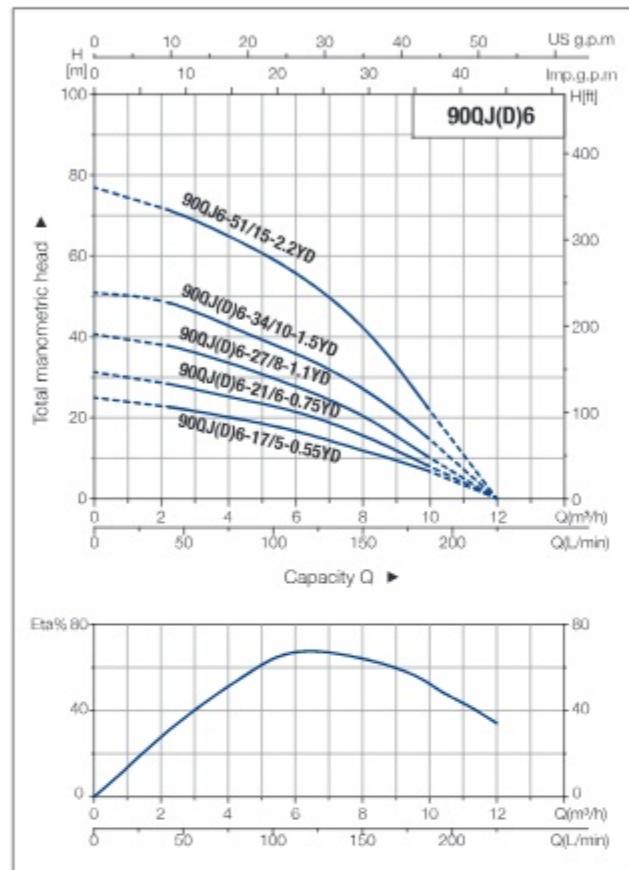
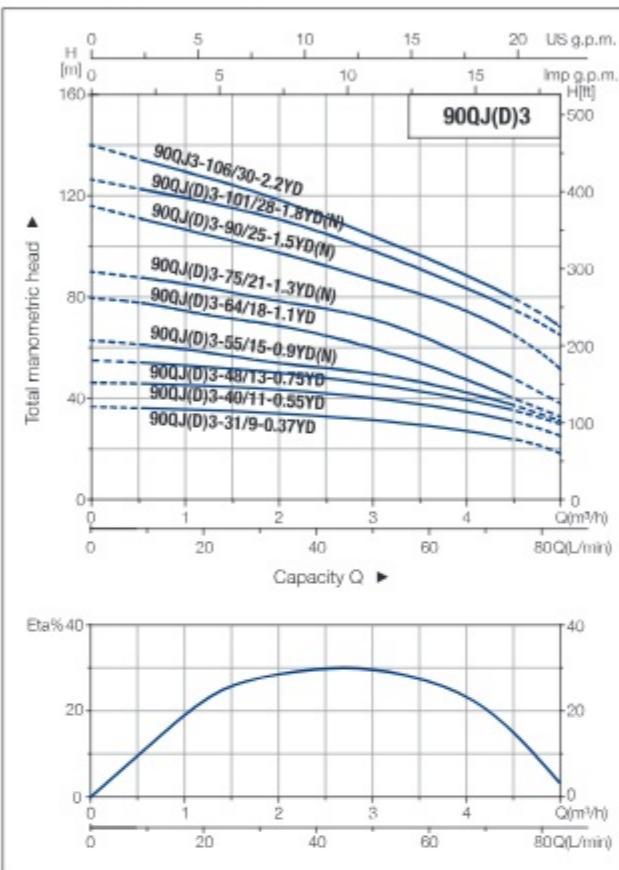
PERFORMANCE CURVES



TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	1	2	3	3.5	
	Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)							
90QJD1-39/8-0.37YD	90QJ1-39/8-0.37YD	0.37	0.5	H(m)	49	39	25	11	2
90QJD1-63/13-0.55YD	90QJ1-63/13-0.55YD	0.55	0.75		74	63	49	25	5
90QJD1-80/17-0.75YD	90QJ1-80/17-0.75YD	0.75	1		96	80	60	35	8
90QJD1-115/24-1.1YD	90QJ1-115/24-1.1YD	1.1	1.5		135	115	86	50	12
90QJD1-136/28-1.5YD	90QJ1-136/28-1.5YD	1.5	2		158	136	100	65	15
-	90QJ1-175/35-2.2YD	2.2	3		198	175	120	75	18

Model	Power		Q(m³/h)	0	1	2	3	4	
	Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)							
90QJD2-34/8-0.37YD	90QJ2-34/8-0.37YD	0.37	0.5	H(m)	42	39	34	26	16
90QJD2-43/10-0.55YD	90QJ2-43/10-0.55YD	0.55	0.75		52	49	43	34	22
90QJD2-52/12-0.75YD	90QJ2-52/12-0.75YD	0.75	1		63	58	52	40	25
90QJD2-63/14-0.9YD	90QJ2-63/14-0.9YD	0.9	1.25		77	70	63	56	35
90QJD2-77/18-1.1YD	90QJ2-77/18-1.1YD	1.1	1.5		92	86	77	60	42
90QJD2-92/21-1.3YD	90QJ2-92/21-1.3YD	1.3	1.75		113	105	92	75	47
90QJD2-112/26-1.5YD	90QJ2-112/26-1.5YD	1.5	2		135	125	112	88	54
90QJD2-130/29-1.8YD	90QJ2-130/29-1.8YD	1.8	2.5		157	145	130	106	74
-	90QJ2-150/34-2.2YD	2.2	3		189	176	150	126	80

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	1	2	3	4	5
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	17	33	50	67	83
90QJD3-31/9-0.37YD	90QJD3-31/9-0.37YD	0.37	0.5	H(m)	37	34	32	31	25	19
90QJD3-40/11-0.55YD	90QJD3-40/11-0.55YD	0.55	0.75		46	42	41	40	30	24
90QJD3-48/13-0.75YD	90QJD3-48/13-0.75YD	0.75	1		55	51	49	48	35	31
90QJD3-55/15-0.9YD	90QJD3-55/15-0.9YD	0.9	1.25		67	62	58	55	44	39
90QJD3-64/18-1.1YD	90QJD3-64/18-1.1YD	1.1	1.5		83	76	72	64	52	38
90QJD3-75/21-1.3YD	90QJD3-75/21-1.3YD	1.3	1.75		93	87	80	75	61	43
90QJD3-90/25-1.5YD	90QJD3-90/25-1.5YD	1.5	2		118	109	98	90	78	56
90QJD3-101/28-1.8YD	90QJD3-101/28-1.8YD	1.8	2.5		128	121	111	101	85	69
-	90QJD3-106/30-2.2YD	2.2	3		141	130	120	106	89	72

Model		Power		Q(m³/h)	0	2	4	6	8	10	12
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	33	67	100	133	167	200
90QJD6-17/5-0.55YD	90QJD6-17/5-0.55YD	0.55	0.75	H(m)	26	24	22	17	13	7	2.5
90QJD6-21/6-0.75YD	90QJD6-21/6-0.75YD	0.75	1		32	30	27	21	18	7	2.5
90QJD6-27/8-1.1YD	90QJD6-27/8-1.1YD	1.1	1.5		42	39	35	27	23	13	2.5
90QJD6-34/10-1.5YD	90QJD6-34/10-1.5YD	1.5	2		52	50	43	34	28	16	2.5
-	90QJD6-51/15-2.2YD	2.2	3		77	72	66	51	45	20	2.5

INSTALLATION METHOD AND SIZE

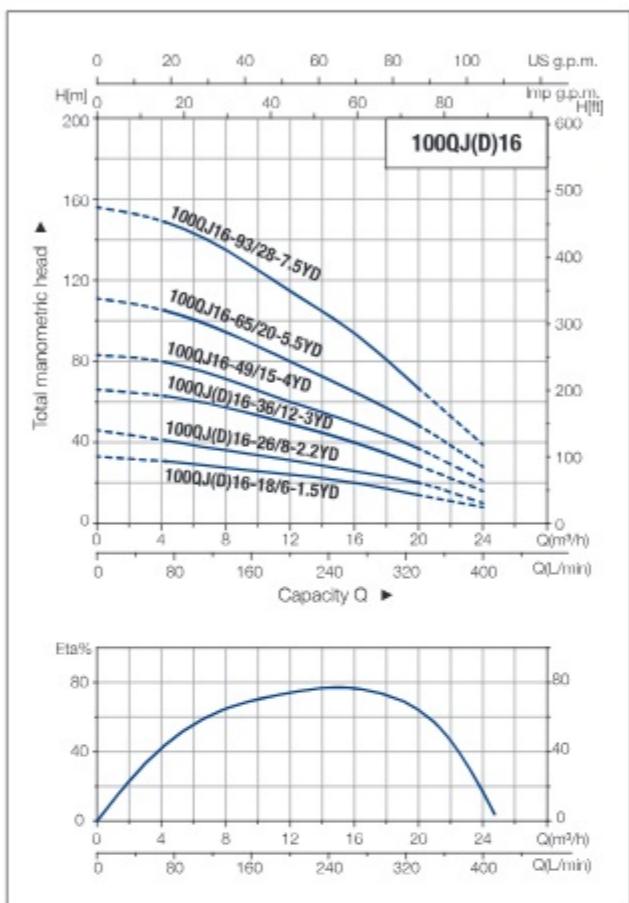
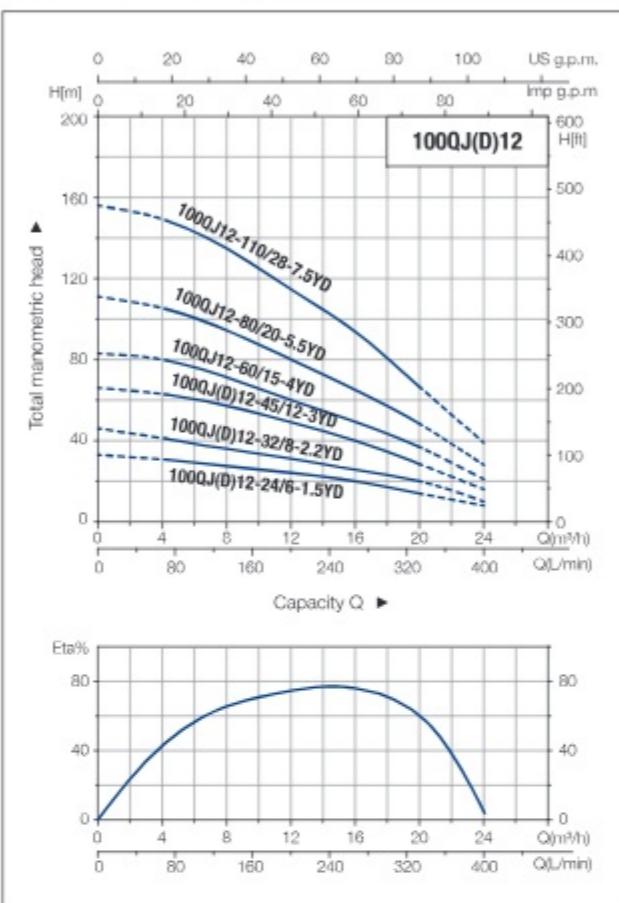
Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
90QJD1-39/8-0.37YD	90QJD1-39/8-0.37YD				769	769	366	366	403	9.8	9.8
90QJD1-63/13-0.55YD	90QJD1-63/13-0.55YD				831	831	308	308	523	12.6	12.6
90QJD1-80/17-0.75YD	90QJD1-80/17-0.75YD	G1 1/4"			898	898	248	248	650	14.4	14.4
90QJD1-115/24-1.1YD	90QJD1-115/24-1.1YD	NPT1 1/4"	Φ85	Φ94	1015	1015	166	166	849	18	18
90QJD1-136/28-1.5YD	90QJD1-136/28-1.5YD				1169	1169	193	193	976	20.1	20.1
-	90QJD1-175/35-2.2YD				-	1303	-	159	1144	-	24.7

* S stands for single phase, T stands for three phase

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
90QJD2-34/8-0.37YD	90QJD2-34/8-0.37YD				770	770	352	352	418	12.2	12.2
90QJD2-43/10-0.55YD	90QJD2-43/10-0.55YD				832	832	362	362	470	13	13
90QJD2-52/12-0.75YD	90QJD2-52/12-0.75YD				898	898	377	377	521	13.7	13.7
90QJD2-63/14-0.9YD	90QJD2-63/14-0.9YD	G1 1/4"			1056	996	452	392	604	14.7	14.3
90QJD2-77/18-1.1YD	90QJD2-77/18-1.1YD	NPT1 1/4"	Φ85	Φ94	1120	1120	412	412	708	16.1	16.1
90QJD2-92/21-1.3YD	90QJD2-92/21-1.3YD				1314	1254	497	437	817	19.7	17.9
90QJD2-112/26-1.5YD	90QJD2-112/26-1.5YD				1307	1407	362	462	945	19.5	20.1
90QJD2-130/29-1.8YD	90QJD2-130/29-1.8YD				1570	1510	547	487	1023	23	21.3
-	90QJD2-150/34-2.2YD				-	1670	-	487	1183	-	21.7

* S stands for single phase, T stands for three phase

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
</

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	4	8	12	16	20	23
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	67	133	200	260	333	384
100QJD12-24/6-1.5YD	100QJ12-24/6-1.5YD	1.5	2	H(m)	33	32	29	24	20	14	8
100QJD12-32/8-2.2YD	100QJ12-32/8-2.2YD	2.2	3		46	40	38	32	25	20	10
100QJD12-45/12-3YD	100QJ12-45/12-3YD	3	4		66	64	58	45	40	29	16
-	100QJ12-60/15-4YD	4	5.5		83	80	72	60	50	37	21
-	100QJ12-80/20-5.5YD	5.5	7.5		111	106	96	80	67	49	28
-	100QJ12-110/28-7.5YD	7.5	10		156	149	135	110	94	69	39

Model		Power		Q(m³/h)	0	4	8	12	16	20	23
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	67	133	200	260	333	384
100QJD16-18/6-1.5YD	100QJ16-18/6-1.5YD	1.5	2	H(m)	33	32	29	24	18	14	8
100QJD16-26/8-2.2YD	100QJ16-26/8-2.2YD	2.2	3		46	40	38	32	26	20	10
100QJD16-36/12-3YD	100QJ16-36/12-3YD	3	4		66	64	58	45	36	29	16
-	100QJ16-49/15-4YD	4	5.5		83	80	72	60	49	37	21
-	100QJ16-65/20-5.5YD	5.5	7.5		111	106	96	80	65	49	28
-	100QJ16-93/28-7.5YD	7.5	10		156	149	135	110	93	69	39

INSTALLATION METHOD AND SIZE

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD8-24/6-1.1YD	100QJ8-24/6-1.1YD	G2"	Φ94	Φ98	993	930	437	374	556	18.3	15.6
100QJD8-34/8-1.5YD	100QJ8-34/8-1.5YD				1143	1080	477	414	666	21.2	18.3
100QJD8-52/12-2.2YD	100QJ8-52/12-2.2YD				1466	1381	580	495	886	28.0	22.9
-	100QJ8-68/16-3YD				-	1675	-	570	1105	-	28.2
-	100QJ8-93/22-4YD				-	2085	-	650	1435	-	34.6
-	100QJ8-135/30-5.5YD				-	2654	-	780	1874	-	45.7
-	100QJ8-180/40-7.5YD				-	3303	-	880	2423	-	55.0

* S stands for single phase, T stands for three phase

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD10-23/6-1.1YD	100QJ10-23/6-1.1YD	G2"	Φ94	Φ98	1056	1056	500	500	556	18.3	18.3
100QJD10-30/8-1.5YD	100QJ10-30/8-1.5YD				1231	1231	565	565	666	21.2	21.2
100QJD10-48/12-2.2YD	100QJ10-48/12-2.2YD				1572	1572	686	686	886	28.0	28.0
100QJD10-56/16-3YD	100QJ10-56/16-3YD				1887	1887	782	782	1105	34.8	34.8
-	100QJ10-85/22-4YD				-	2085	-	650	1435	-	34.6
-	100QJ10-127/30-5.5YD				-	2654	-	780	1874	-	45.7
-	100QJ10-162/40-7.5YD				-	3303	-	880	2423	-	55.0

* S stands for single phase, T stands for three phase

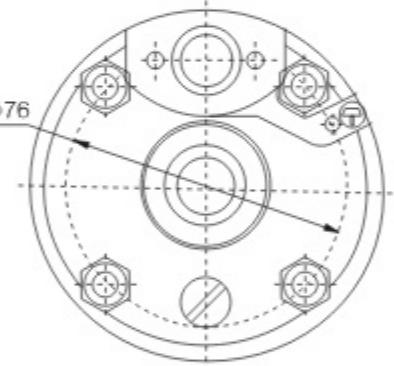
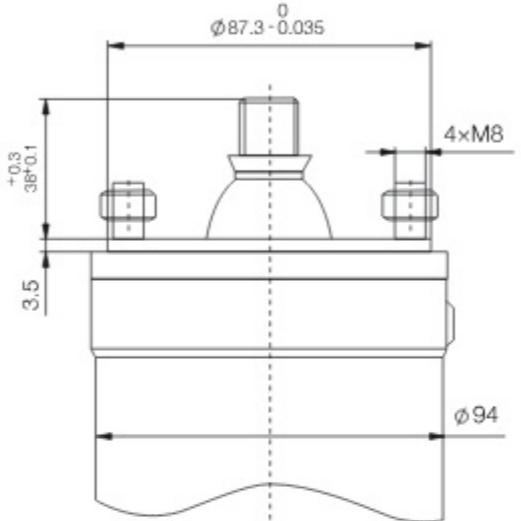
Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD12-24/6-1.5YD	100QJ12-24/6-1.5YD	G2"	Φ94	Φ98	1209	1058	565	414	644	20.5	17.6
100QJD12-32/8-2.2YD	100QJ12-32/8-2.2YD										

100 QJD-YD

100 QJD Series oil-filled type single phase submersible motor

MOTOR

- Single phase power: 0.37 to 3 kW
- Speed: 2850 rpm
- Voltage: 220V /50Hz
- Insulation class: F
- Production grade: IP68
- Highest temperature of liquid: 40°C
- Maximum content of solid substance: 40 g/m³
- Motor casing: AISI 304 / AISI 201
- With sandproof cover
- Max.PH value within 6.5-8.5
- Max. Voltage Flutuation: ±5%
- Max. Frequency Fluctuation: ±1%



MODEL INSTRUCTION



TECHNICAL TABLE n=2850 r/min

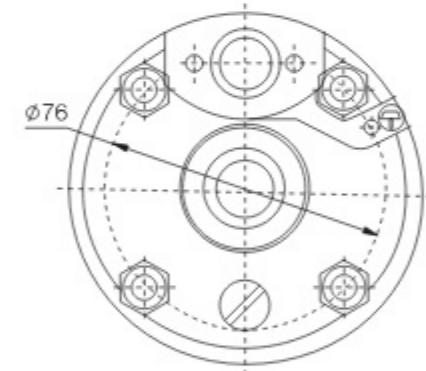
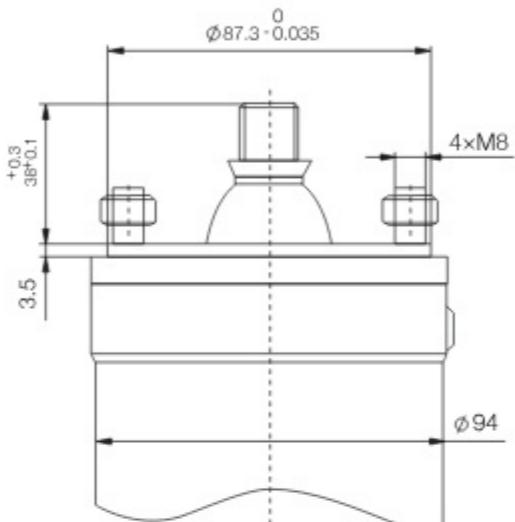
Model	Power		Capacitor	Current	Efficiency	Height	Weight
Single phase (220-240V/50Hz)	kW	HP	μF	A	η%	mm	kg
100QJD-0.37YD	0.37	0.5	25	3.2	57	393	7.9
100QJD-0.55YD	0.55	0.75	35	4.5	60	423	9.3
100QJD-0.75YD	0.75	1	40	5.8	63	460	10.3
100QJD-1.1YD	1.1	1.5	45	8.2	66	500	12.5
100QJD-1.5YD	1.5	2	65	10.8	68	565	14.5
100QJD-2.2YD	2.2	3	80	15.6	69	686	19.4
100QJD-3YD	3	4	100	21.2	72.8	822.5	25.3

100 QJ-YD

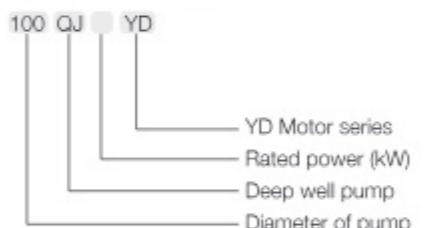
100 QJ Series oil-filled type three phase submersible motor

MOTOR

- Single phase power: 0.37 to 2.2 kW
- Speed: 2850 rpm
- Voltage: 380V /50Hz
- Insulation class: F
- Production grade: IP68
- Highest temperature of liquid: 40°C
- Maximum content of solid substance: 40 g/m³
- Motor casing: AISI 304 / AISI 201
- With sandproof cover
- Max.PH value within 6.5-8.5
- Max. Voltage Flutuation: ±5%
- Max. Frequency Fluctuation: ±1%



MODEL INSTRUCTION



TECHNICAL TABLE n=2850 r/min

Model	Power		Power factor	Current	Efficiency	Dimension	Weight
	Single phase (380-450V/50Hz)	kW	HP	A	η%	mm	kg
100QJ-0.37YD	0.37	0.5	0.72	1.35	58	324	7.9
100QJ-0.55YD	0.55	0.75	0.74	2	61	339	7.9
100QJ-0.75YD	0.75	1	0.75	2.4	64	354	8.7
100QJ-1.1YD	1.1	1.5	0.76	3.3	67	374	9.8
100QJ-1.5YD	1.5	2	0.77	4.3	69	414	11.6
100QJ-2.2YD	2.2	3	0.78	6	71	495	14.1
100QJ-3YD	3	4	0.79	8	72	570	16.9
100QJ-4YD	4	5.5	0.79	10.4	74	650	21.1
100QJ-5.5YD	5.5	7.5	0.8	13.9	75	780	28.7
100QJ-7.5YD	7.5	10	0.8	18.8	76	880	34.9


QJ(D)-YS

MODEL ANALYSIS	
Component	Material
Pump external casing	① AISI 304 SS ② AISI 201 SS
Pump outlet	AISI 304 SS
Pump inlet	AISI 304 SS
Diffuser	Plastic PC
Diffuser cover	Plastic PC
Impeller	Plastic POM
Shaft	AISI 304 SS
Shaft coupling	① AISI 304 SS ② 2Cr13
Motor external casing	① AISI 304 SS ② AISI 201 SS
Oil chamber	HT200
Bottom bearing seat	ADC12
Mechanical seal	Ceramics-graphite
Bottom cover	AISI 304 SS
Shaft	① AISI 304 SS ② 2Cr13
Bearing	① NSK ② C&U
Seal lubricant oil	10# food-grade lubricant oil

APPLICATION

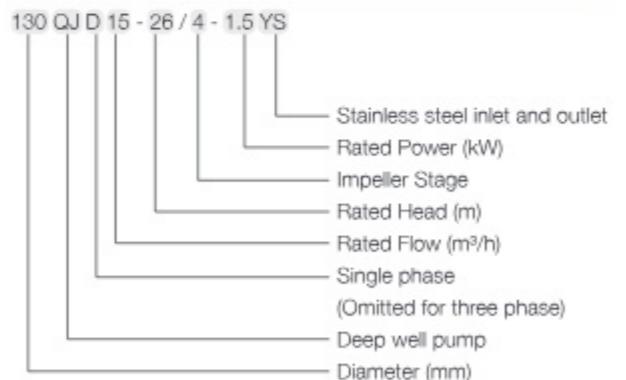
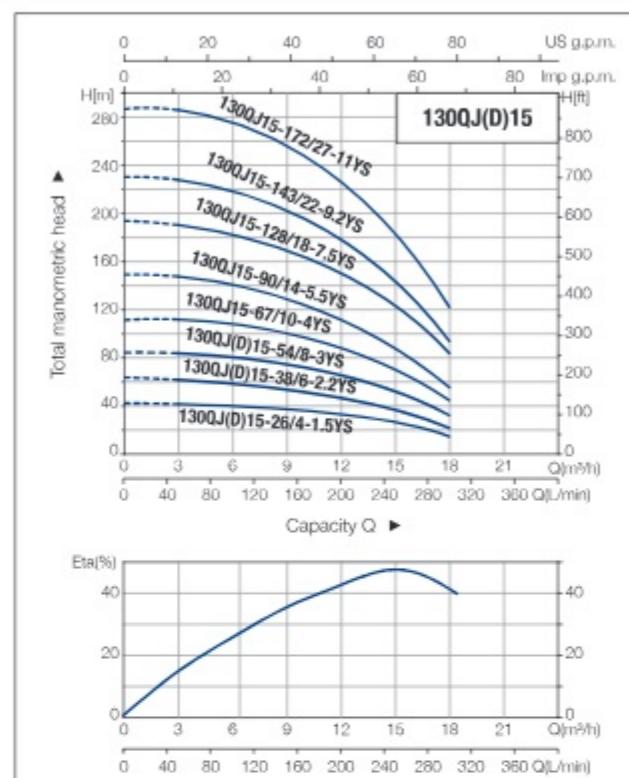
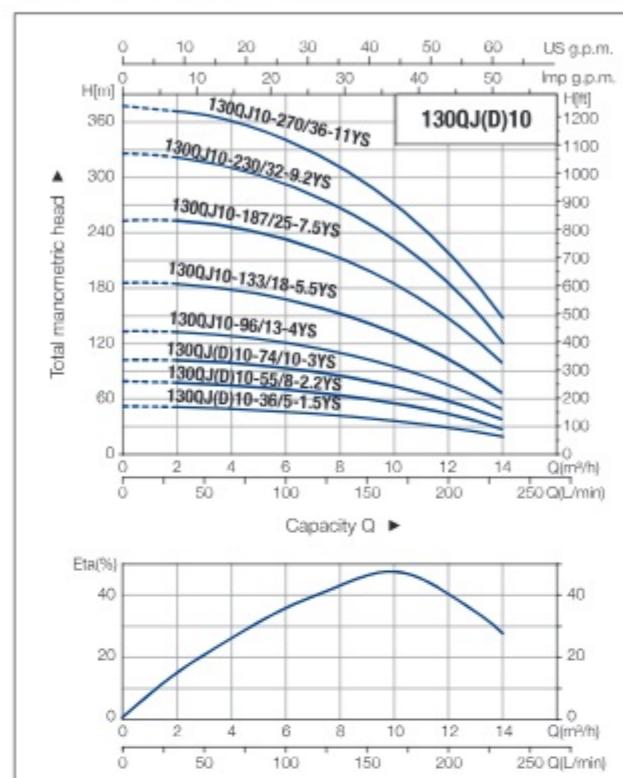
- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

MOTOR AND PUMP

- Rewindable oil-filled motor
- NEMA dimension standards
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Pumps are designed by casing stressed
- Optional equipped with control box
- Protection class: IP68
- Insulation class: F

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.25%
- Maximum immersion: 100m
- Minimum well diameter: 5", 6"

ONE YEAR WARRANTY
MODEL INSTRUCTION

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	2	4	6	8	10	12	14	16
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	33	67	100	133	167	200	233	267
130QJD10-36/5-1.5YS	130QJ10-36/5-1.5YS	1.5	2		50	49	48	45	41	36	28	18	5
130QJD10-55/8-2.2YS	130QJ10-55/8-2.2YS	2.2	3		80	78	75	71	65	55	45	29	8
130QJD10-74/10-3YS	130QJ10-74/10-3YS	3	4		102	101	98	93	86	74	59	40	13
-	130QJ10-96/13-4YS	4	5.5		134	132	128	120	110	96	76	50	14
-	130QJ10-133/18-5.5YS	5.5	7.5		187	185	179	167	153	133	102	70	20
-	130QJ10-187/25-7.5YS	7.5	10		252	251	246	232	214	187	146	100	30
-	130QJ10-230/32-9.2YS	9.2	12.5		326	322	310	290	267	230	181	120	32
-	130QJ10-266/36-11YS	11	15		356	352	340	319	298	260	204	135	36

Model		Power		Q(m³/h)	0	3	6	9	12	15	18	21
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	50	100	150	200	250	300	350
130QJD15-26/4-1.5YS	130QJ15-26/4-1.5YS	1.5	2		42	41	40	37	33	26	17	4
130QJD15-38/6-2.2YS	130QJ15-38/6-2.2YS	2.2	3		62	61	59	55	48	38	25	5
130QJD15-54/8-3YS	130QJ15-54/8-3YS	3	4		85	84	82	76	67	54	37	9
-	130QJ15-67/10-4YS	4	5.5		106	105	104	96	84	67	46	12
-	130QJ15-90/14-5.5YS	5.5	7.5		149	147	143	131	115	90	58	15
-	130QJ15-128/18-7.5YS	7.5	10		193	192	187	175	157	128	83	20
-	130QJ15-143/22-9.2YS	9.2	12.5		232	230	222	206	180	143	101	24
-	130QJ15-172/27-11YS	11	15		282	278	270	248	218	172	125	30



APPLICATION

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

MOTOR AND PUMP

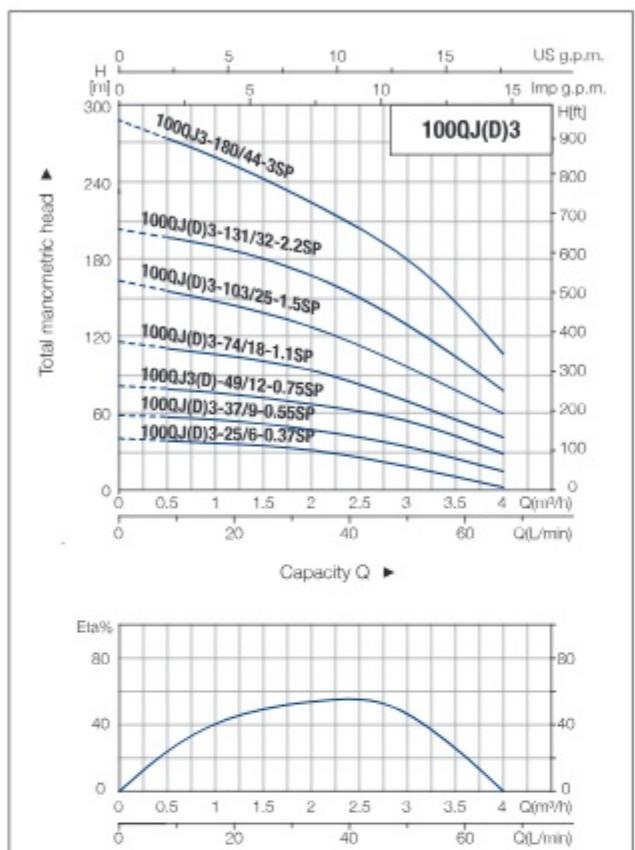
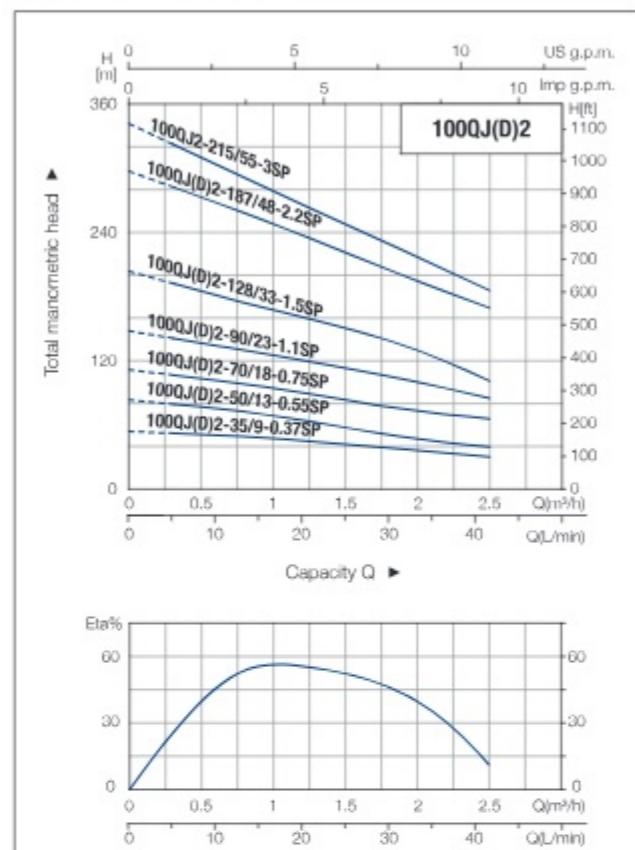
- Rewindable oil-filled motor
- NEMA dimension standards
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Pumps are designed by casing stressed
- Protection class: IP68
- Insulation class: F

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.25%
- Maximum immersion: 80m
- Minimum well diameter: 4", 6"

ONE YEAR WARRANTY

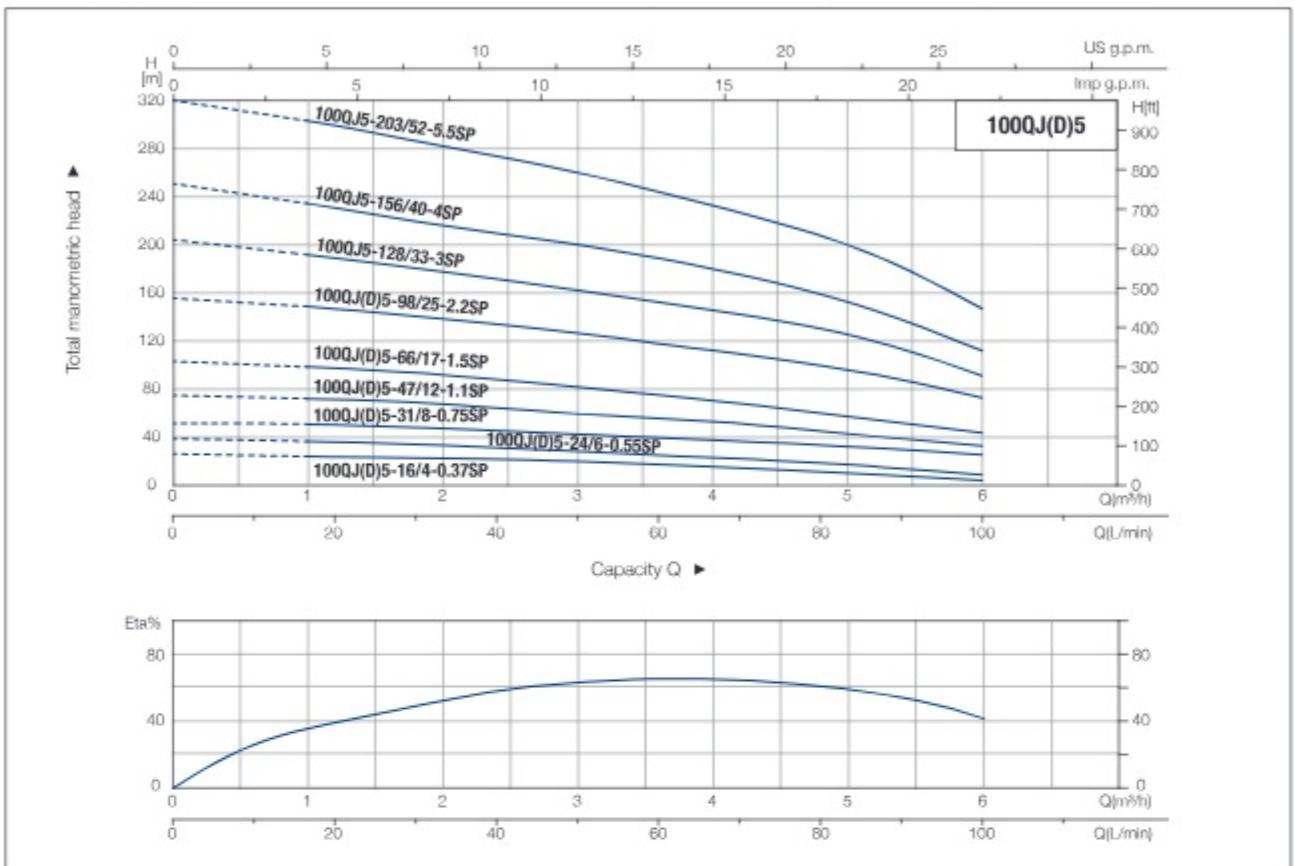
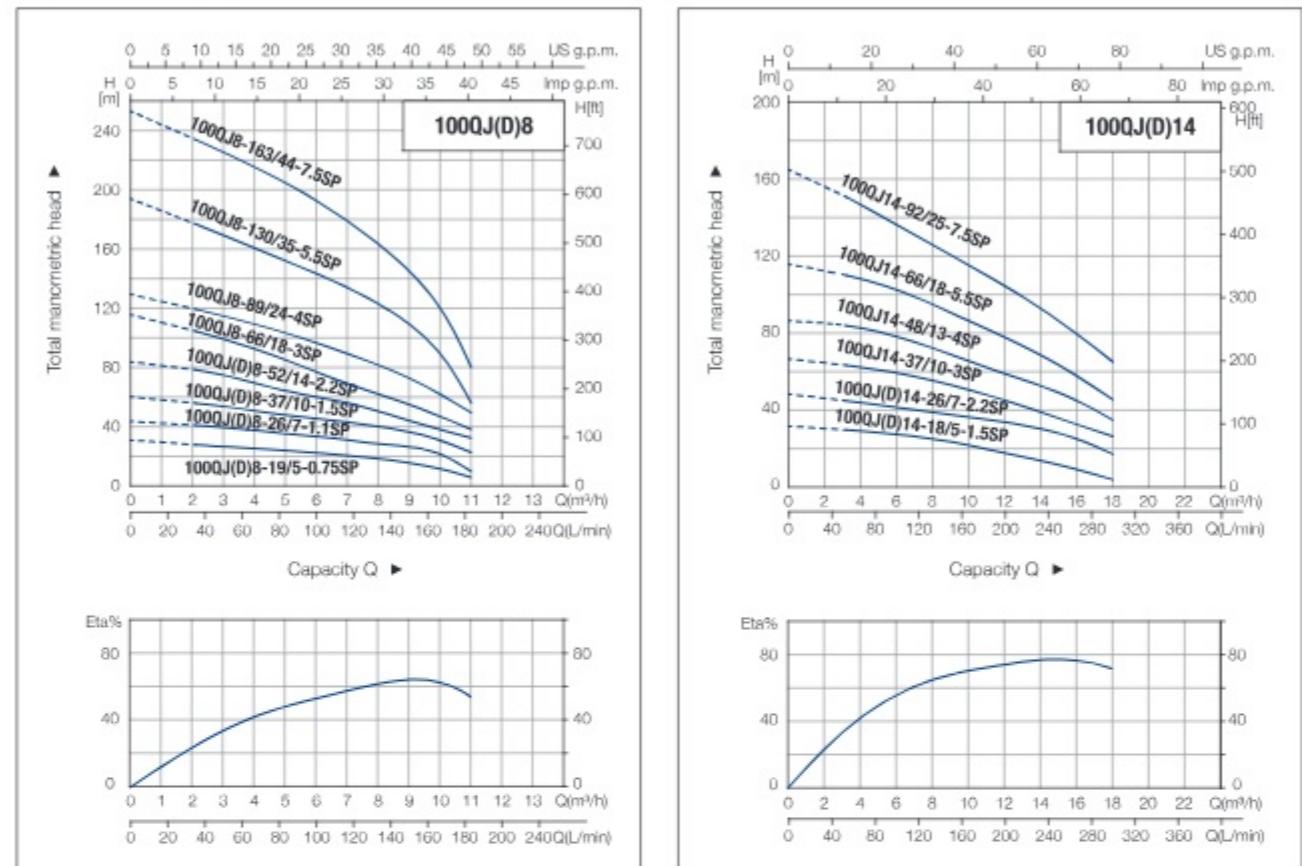
PERFORMANCE CURVES



TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	1.5	2	2.5
	Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)					
100QJD2-35/9-0.37SP	100QJ2-35/9-0.37SP	0.37	0.5	55	45	35	30
100QJD2-50/13-0.55SP	100QJ2-50/13-0.55SP	0.55	0.75	80	64	50	44
100QJD2-70/18-0.75SP	100QJ2-70/18-0.75SP	0.75	1	110	89	70	66
100QJD2-90/23-1.1SP	100QJ2-90/23-1.1SP	1.1	1.5	141	114	90	77
100QJD2-128/33-1.5SP	100QJ2-128/33-1.5SP	1.5	2	202	163	128	111
100QJD2-187/48-2.2SP	100QJ2-187/48-2.2SP	2.2	3	294	237	187	161
-	100QJ2-215/55-3SP	3	4	336	272	215	185

Model	Power		Q(m³/h)	0	1	2	3	4
	Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)						
100QJD3-25/6-0.37SP	100QJ3-25/6-0.37SP	0.37	0.5	38	34	31	25	14
100QJD3-37/9-0.55SP	100QJ3-37/9-0.55SP	0.55	0.75	57	51	46	37	22
100QJD3-49/12-0.75SP	100QJ3-49/12-0.75SP	0.75	1	76	69	61	49	29
100QJD3-74/18-1.1SP	100QJ3-74/18-1.1SP	1.1	1.5	113	103	92	74	43
100QJD3-103/25-1.5SP	100QJ3-103/25-1.5SP	1.5	2	158	143	128	103	60
100QJD3-131/32-2.2SP	100QJ3-131/32-2.2SP	2.2	3	202	183	163	131	77
-	100QJ3-180/44-3SP	3	4	277	251	224	180	106

PERFORMANCE CURVES

PERFORMANCE CURVES

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	3	4	5	6
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	50	67	83	100
100QJD5-16/4-0.37SP	100QJD5-16/4-0.37SP	0.37	0.5	H(m)	25	20	18	16	12
100QJD5-24/6-0.55SP	100QJD5-24/6-0.55SP	0.55	0.75		38	30	27	24	17
100QJD5-31/8-0.75SP	100QJD5-31/8-0.75SP	0.75	1		50	40	36	31	23
100QJD5-47/12-1.1SP	100QJD5-47/12-1.1SP	1.1	1.5		76	59	54	47	34
100QJD5-66/17-1.5SP	100QJD5-66/17-1.5SP	1.5	2		107	84	76	66	48
100QJD5-98/25-2.2SP	100QJD5-98/25-2.2SP	2.2	3		158	124	112	98	72
-	100QJD5-128/33-3SP	3	4		208	163	148	128	91
-	100QJD5-156/40-4SP	4	5.5		252	198	179	156	110
-	100QJD5-203/52-5.5SP	5.5	7.5		326	260	234	203	146

TECHNICAL TABLE n=2850 r/min

Model		Power		Q(m³/h)	0	3	5	8	10	11
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	50	83	133	167	183
100QJD8-19/5-0.75SP	100QJD8-19/5-0.75SP	0.75	1	H(m)	30	26	24	19	16	10
100QJD8-26/7-1.1SP	100QJD8-26/7-1.1SP	1.1	1.5		42	36	33	26	22	14
100QJD8-37/10-1.5SP	100QJD8-37/10-1.5SP	1.5	2		60	52	50	37	32	21
100QJD8-52/14-2.2SP	100QJD8-52/14-2.2SP	2.2	3		84	72	66	52	43	29
-	100QJD8-66/18-3SP	3	4		108	93	85	66	54	37
-	100QJD8-89/24-4SP	4	5.5		126	108	100	89	65	43
-	100QJD8-130/35-5.5SP	5.5	7.5		190	178	160	130	90	54
-	100QJD8-163/44-7.5SP	7.5	10		252	232	205	163	120	79
Model		Power		Q(m³/h)	0	5	10	14	16	18
Single phase (220-240V/50Hz)	Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	50	83	133	167	200
100QJD14-18/5-1.5SP	100QJD14-18/5-1.5SP	1.5	2	H(m)	33	32	28	18	16	13
100QJD14-26/7-2.2SP	100QJD14-26/7-2.2SP	2.2	3		46	45	39	26	23	18
-	100QJD14-37/10-3SP	3	4		66	64	55	37	32	25
-	100QJD14-48/13-4SP	4	5.5		86	83	73	48	42	33
-	100QJD14-66/18-5.5SP	5.5	7.5		119	115	101	66	58	45
-	100QJD14-92/25-7.5SP	7.5	10		165	160	140	92	80	63

INSTALLATION METHOD AND SIZE

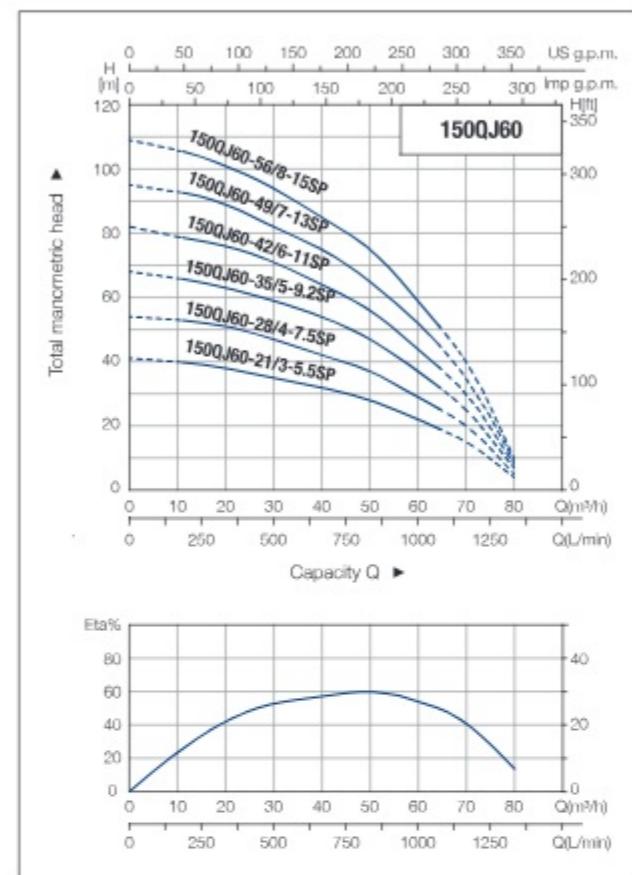
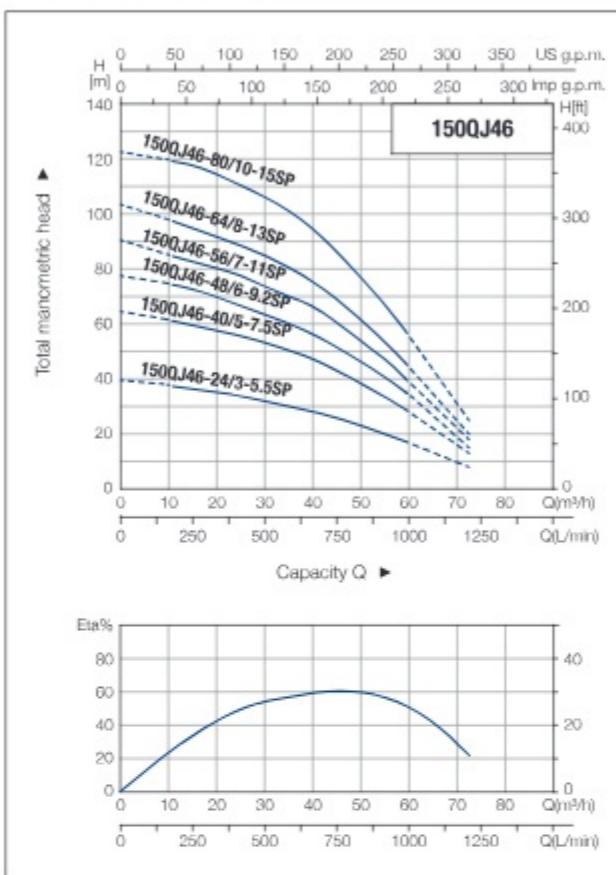
Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD2-35/9-0.37SP	100QJD2-35/9-0.37SP	G11/4"	Φ94	Φ98	739	670	393	324	346	10.7	9.9
100QJD2-50/13-0.55SP	100QJD2-50/13-0.55SP				853	769	423	339	430	12.6	11.5
100QJD2-70/18-0.75SP	100QJD2-70/18-0.75SP				995	889	460	354	535	15.3	13.4
100QJD2-90/23-1.1SP	100QJD2-90/23-1.1SP				1140	1014	500	374	640	18.3	15.6
100QJD2-128/33-1.5SP	100QJD2-128/33-1.5SP				1415	1264	565	414	850	22.5	19.6
100QJD2-187/48-2.2SP	100QJD2-187/48-2.2SP				1851	1660	686	495	1165	30.6	25.9
-	100QJD2-215/55-3SP				-	1882	-	570	1312	-	18.9

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD3-25/6-0.37SP	100QJD3-25/6-0.37SP	G11/4"	Φ94	Φ98	676	607	393	324	283	10.0	10.0
100QJD3-37/9-0.55SP	100QJD3-37/9-0.55SP				769	685	423	339	346	12.0	12.0
100QJD3-49/12-0.75SP	100QJD3-49/12-0.75SP				869	763	460	354	409	14.0	14.0
100QJD3-74/18-1.1SP	100QJD3-74/18-1.1SP				1035	909	500	374	535	17.3	17.3
100QJD3-103/25-1.5SP	100QJD3-103/25-1.5SP				1247	1096	565	414	682	20.8	20.8
100QJD3-131/32-2.2SP	100QJD3-131/32-2.2SP				1515	1324	686	495	829	27.2	27.2
-	100QJD3-180/44-3SP				-	1651	-	570	1081	-	28.5

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD5-16/4-0.37SP	100QJD5-16/4-0.37SP	G11/4"	Φ94	Φ98	646	577	393	324	253	9.7	8.9
100QJD5-24/6-0.55SP	100QJD5-24/6-0.55SP				724	640	423	339	301	11.5	10.2
100QJD5-31/8-0.75SP	100QJD5-31/8-0.75SP				809	703	460	354	349	13.4	11.5
100QJD5-47/12-1.1SP	100QJD5-47/12-1.1SP				945	819	500	374	445	16.3	13.6
100QJD5-66/17-1.5SP	100QJD5-66/17-1.5SP				1130	979	565	414	565	19.5	16.6
100QJD5-98/25-2.2SP	100QJD5-98/25-2.2SP				1443	1252	686	495	757	26.3	21.6
-	100QJD5-128/33-3SP				-	1519	-	570	949	-	27.0
-	100QJD5-156/40-4SP				-	1767	-	650	1117	-	32.3
-	100QJD5-203/52-5.5SP				-	2185	-	780	1405	-	42.7

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD8-19/5-0.75SP	100QJD8-19/5-0.75SP	G2"	Φ94	Φ98	886	780	460	354	426	14.4	12.5
100QJD8-26/7-1.1SP	100QJD8-26/7-1.1SP				1010	884	500	374	510	17.2	14.5
100QJD8-37/10-1.5SP	100QJD8-37/10-1.5SP				1201	1050	565	414	636	20.6	17.7
100QJD8-52/14-2.2SP	100QJD8-52/14-2.2SP				1490	1299	686	495	804	27.3	22.6
-	100QJD8-66/18-3SP				-	1542	-	570	972	-	27.9
-	100QJD8-89/24-4SP				-	1874	-	650	1224	-	34.3
-	100QJD8-130/35-5.5SP				-	2466	-	780	1686	-	46.8
-	100QJD8-163/44-7.5SP				-	2944	-	880	2064	-	55.6

Model		Outlet	Dimensions (mm)						N.W. / kg		
1~ 220~240V/50Hz	3~ 380~415V/50Hz	DN	ΦE	ΦMax.	A(S)	A(T)	B(S)	B(T)	C	Single phase	Three phase
100QJD14-18/5-1.5SP	100QJD14-18/5-1.5SP	G2"	Φ94	Φ98	991	840	565	414	426	18.3	15.4
100QJD14-26/7-2.2SP	100QJD14-26/7-2.2SP				1196	1005	686	495	510	24.1	19.4
-	100QJD14-37/10-3SP				-	1206	-	570	636	-	24.2
-	100QJD14-48/13-4SP				-	1412	-	650	762	-	29.2
-	100QJD14-66/18-5.5SP				-	1752	-	780	972	-	38.9
-	100QJD14-92/25-7.5SP				-</						

PERFORMANCE CURVES**TECHNICAL TABLE n=2850 r/min**

Model	Power		Q(m³/h)	0	8	16	24	32	40	48	56	64	72
Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	133	267	400	533	667	800	933	1067	1200
150QJ46-24/3-5.5SP	5.5	7.5	H(m)	39	36	35	33	31	28	23	19	14	8
150QJ46-40/5-7.5SP	7.5	10		64	62	58	55	52	47	39	32	23	13
150QJ46-48/6-9.2SP	9.2	12.5		77	72	70	67	62	56	47	39	28	15
150QJ46-56/7-11SP	11	15		90	84	82	78	72	66	55	45	31	18
150QJ46-64/8-13SP	13	17.5		103	96	93	89	83	75	63	51	36	20
150QJ46-80/10-15SP	15	20		128	120	117	111	104	94	79	64	45	25
Model	Power		Q(m³/h)	0	10	20	30	40	50	60	70	80	
Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	167	267	500	667	833	1000	1167	1333	
150QJ60-21/3-5.5SP	5.5	7.5	H(m)	41	40	38	35	31	28	21	15	4	
150QJ60-28/4-7.5SP	7.5	10		54	53	50	47	41	37	28	20	5	
150QJ60-35/5-9.2SP	9.2	12.5		68	66	63	59	52	47	35	25	7	
150QJ60-42/6-11SP	11	15		82	79	76	70	62	56	42	30	8	
150QJ60-49/7-13SP	13	17.5		95	93	88	82	73	65	49	35	9	
150QJ60-56/8-15SP	15	20		109	106	101	94	83	75	56	40	10	

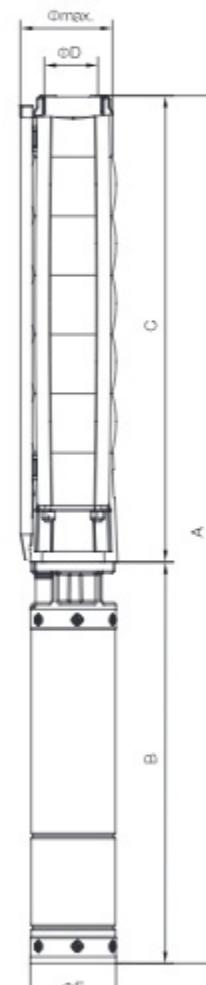
INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)					N.W. kg
		DN	ΦE	ΦMax.	A(T)	B(T)	
3~ 380~415V/50Hz	G3"	Φ130	Φ145				1103 611 492 35.0
150QJ17-35/5-3SP							1215 631 584 39.3
150QJ17-49/7-4SP							1362 686 676 46.0
150QJ17-63/9-5.5SP							1560 746 814 53.6
150QJ17-84/12-7SP							1783 831 952 64.6
150QJ17-105/15-9.2SP							1986 896 1090 72.4
150QJ17-126/18-11SP							2174 946 1228 79.8
150QJ17-147/21-13SP							2362 996 1366 86.8

Model	Outlet	Dimensions (mm)					N.W. kg
		DN	ΦE	ΦMax.	A(T)	B(T)	
3~ 380~415V/50Hz	G3"	Φ130	Φ145				1143 611 532 35.3
150QJ30-23/3-3SP							1253 631 622 39.4
150QJ30-30/4-4SP							1398 686 712 45.9
150QJ30-38/5-5.5SP							1638 746 892 54.0
150QJ30-53/7-7.5SP							1903 831 1072 65.6
150QJ30-68/9-9.2SP							2238 896 1342 75.7
150QJ30-90/12-31SP							2468 946 1522 83.6
150QJ30-105/14-13SP							2698 996 1702 91.2

Model	Outlet	Dimensions (mm)					N.W. kg
		DN	ΦE	ΦMax.	A(T)	B(T)	
3~ 380~415V/50Hz	G3"	Φ130	Φ145				1284 686 598 43.8
150QJ46-40/5-7.5SP							1568 746 822 53.0
150QJ46-48/6-9.2SP							1765 831 934 63.3
150QJ46-56/7-11SP							1942 896 1046 70.3
150QJ46-64/8-13SP							2104 946 1158 77.0
150QJ46-80/10-15SP							2378 996 1382 85.6

Model	Outlet	Dimensions (mm)					N.W. kg
		DN	ΦE	ΦMax.	A(T)	B(T)	
3~ 380~415V/50Hz	G3"	Φ130	Φ145				1284 686 598 43.6
150QJ60-21/3-5.5SP							1456 746 710 50.4
150QJ60-28/4-7.5SP							1653 831 822 60.6
150QJ60-35/5-9.2SP							1830 896 934 67.6
150QJ60-42/6-11SP							1992 946 1046 74.2
150QJ60-49/7-13SP							2154 996 1158 80.4
150QJ60-56/8-15SP							





APPLICATION

- For water supply from wells or reservoirs.
- For domestic use, for civil and industrial applications.
- For garden use and irrigation.

MOTOR AND PUMP

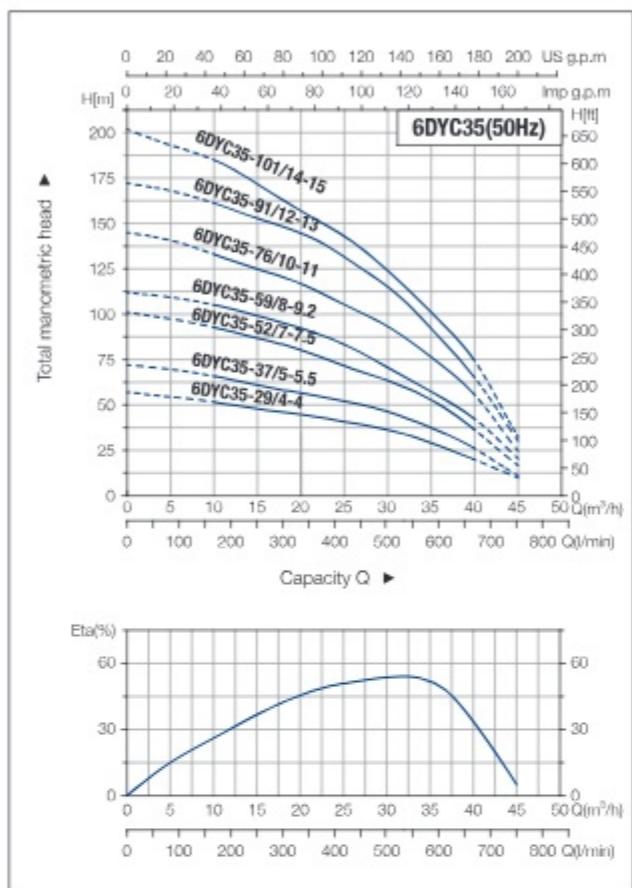
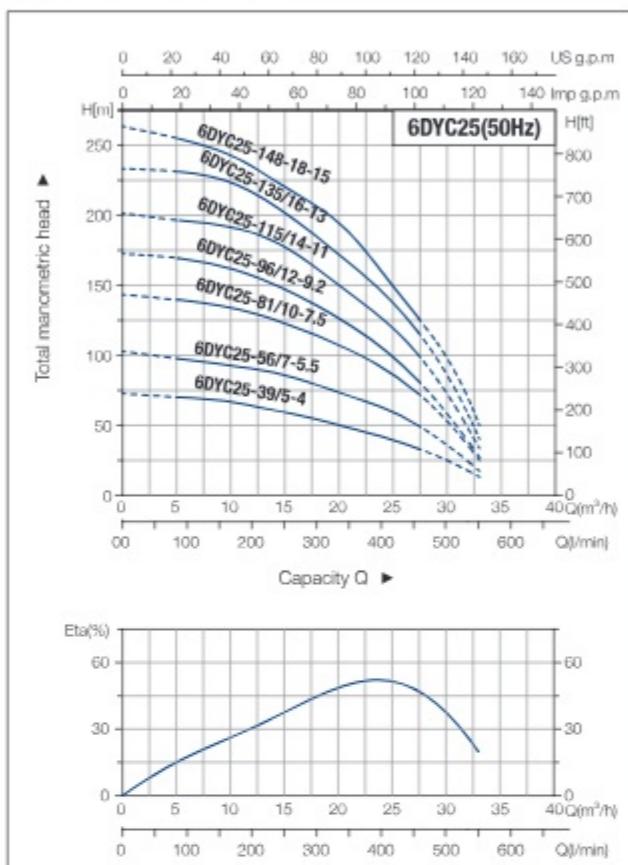
- Rewindable oil-filled motor
- NEMA dimension standards
- Three-phase: 380~415V/50Hz
- Single-phase: 220~240V/50Hz
- Optional equipped with control box
- Protection class: IP68
- Insulation class: F

OPERATING LIMITS

- Maximum fluid temperature up to +40°C
- Maximum sand content: 0.25%
- Maximum immersion: 100m
- Minimum well diameter: 6"

ONE YEAR WARRANTY

PERFORMANCE CURVES



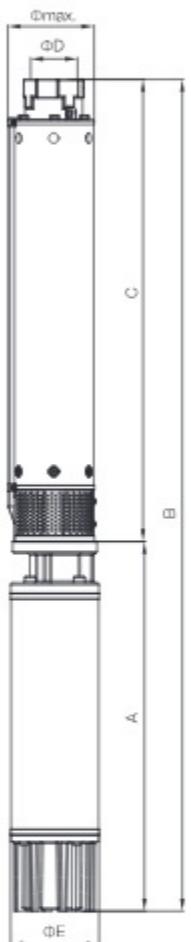
TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	5	10	15	20	25	30	35
Three phase (380~415V/50Hz)	kW	HP	Q(l/min)	0	83	167	250	333	417	500	583
6DYC25-39/5-4	4	5.5	H(m)	73	71	68	63	53	39	20	2
6DYC25-56/7-5.5	5.5	7.5		101	98	95	87	74	56	32	2
6DYC25-81/10-7.5	7.5	10		144	140	136	124	107	81	52	2
6DYC25-96/12-9.2	9.2	12.5		171	167	160	146	126	96	57	2
6DYC25-115/14-11	11	15		202	198	191	174	150	115	70	2
6DYC25-135/16-13	13	17.5		233	227	220	202	174	135	84	8
6DYC25-148-18-15	15	20		260	252	244	220	188	148	88	4

Model	Power		Q(m³/h)	0	5	10	15	20	25	30	35	40	45
Three phase (380~415V/50Hz)	kW	HP	Q(l/min)	0	83	167	250	333	417	500	583	667	750
6DYC35-29/4-4	4	5.5	H(m)	57	55	51	48	45	41	35	29	21	7
6DYC35-37/5-5.5	5.5	7.5		72	70	65	61	57	52	46	37	26	10
6DYC35-52/7-7.5	7.5	10		101	97	92	86	80	73	64	52	37	16
6DYC35-59/8-9.2	9.2	12.5		112	110	103	97	92	83	71	59	41	18
6DYC35-76/10-11	11	15		145	141	132	123	116	106	92	76	55	24
6DYC35-91/12-13	13	17.5		173	168	159	148	139	128	110	91	66	31
6DYC35-101/14-15	15	20		202	194	182	169	158	144	124	101	74	28

INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)					N.W.
	DN	ΦE	ΦMax.	A	B	C	kg
3~ 380~415V/50Hz	G3"	Φ142	Φ143	1222	590	632	48.8
6DYC25-39/5-4				1359	620	739	53.5
6DYC25-56/7-5.5				1612	660	952	60.1
6DYC25-81/10-7.5				1769	710	1059	66.8
6DYC25-96/12-9.2				1979	760	1219	74.1
6DYC25-115/14-11				2145	820	1325	81
6DYC25-135/16-13				2302	870	1432	87.3

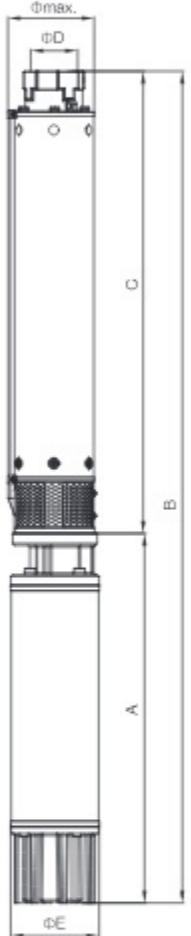


Model	Outlet	Dimensions (mm)					N.W.
	DN	ΦE	ΦMax.	A	B	C	kg
3~ 380~415V/50Hz	G3"	Φ142	Φ143	1195	590	605	48.4
6DYC35-29/4-4				1285	620	665	52.6
6DYC35-37/5-5.5				1444	660	784	58.1
6DYC35-52/7-7.5				1607	710	897	64.9
6DYC35-59/8-9.2				1777	760	1017	71.7
6DYC35-76/10-11				1957	820	1137	78.7
6DYC35-91/12-13				2127	870	1257	85.2

Model	Outlet	Dimensions (mm)					N.W.
	DN	ΦE	ΦMax.	A	B	C	kg
3~ 380~415V/50Hz	G3"	Φ142	Φ143	1165	590	575	48
6DYC45-20/3-4				1265	620	645	52.2
6DYC45-27/4-5.5				1375	660	715	57.2
6DYC45-34/5-7.5				1564	710	854	64.2
6DYC45-43/7-9.2				1737	760	977	71.2
6DYC45-54/8-11				1867	820	1047	77.5
6DYC45-60/9-13				2057	870	1187	84

INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)					N.W.
	DN	ΦE	ΦMax.	A	B	C	kg
3~ 380~415V/60Hz	G3"	Φ142	Φ143	1116	590	526	46.9
6DYC30-36/3-4				1199	620	579	51.8
6DYC30-48/4-5.5				1293	660	633	56.5
6DYC30-60/5-7.5				1449	710	739	63
6DYC30-82/7-9.2				1606	760	846	68.4
6DYC30-96/8-11				1719	820	899	75.7
6DYC30-108/9-13				1876	870	1006	81.4

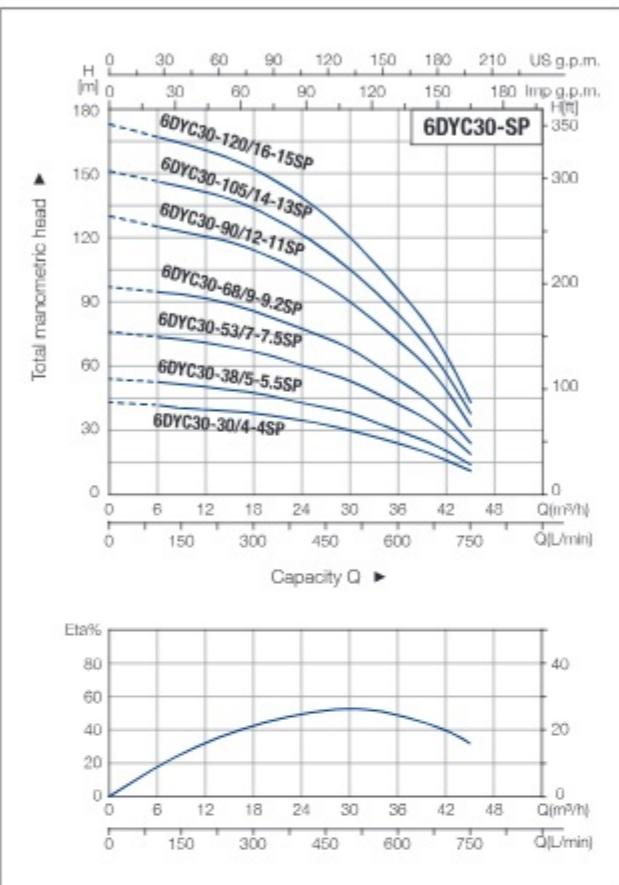
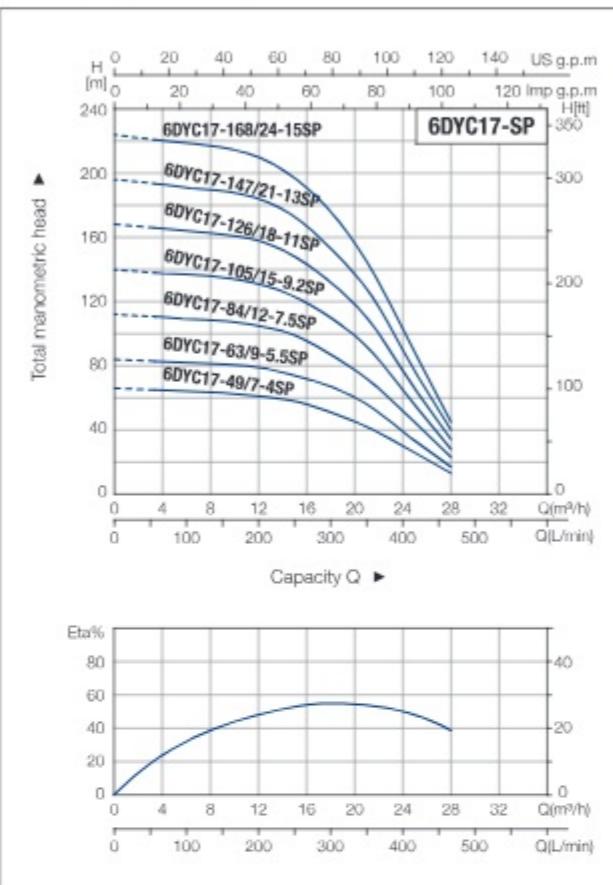


Model	Outlet	Dimensions (mm)					N.W.
	DN	ΦE	ΦMax.	A	B	C	kg
3~ 380~415V/60Hz	G3"	Φ142	Φ143	1165	620	545	51.4
6DYC40-34/3-5.5				1265	660	605	56.2
6DYC40-45/4-7.5				1375	710	665	62.1
6DYC40-56/5-9.2				1485	760	725	67.5
6DYC40-69/6-11				1605	820	785	74.1
6DYC40-82/7-13				1768	870	898	80.4
6DYC40-93/8-15							

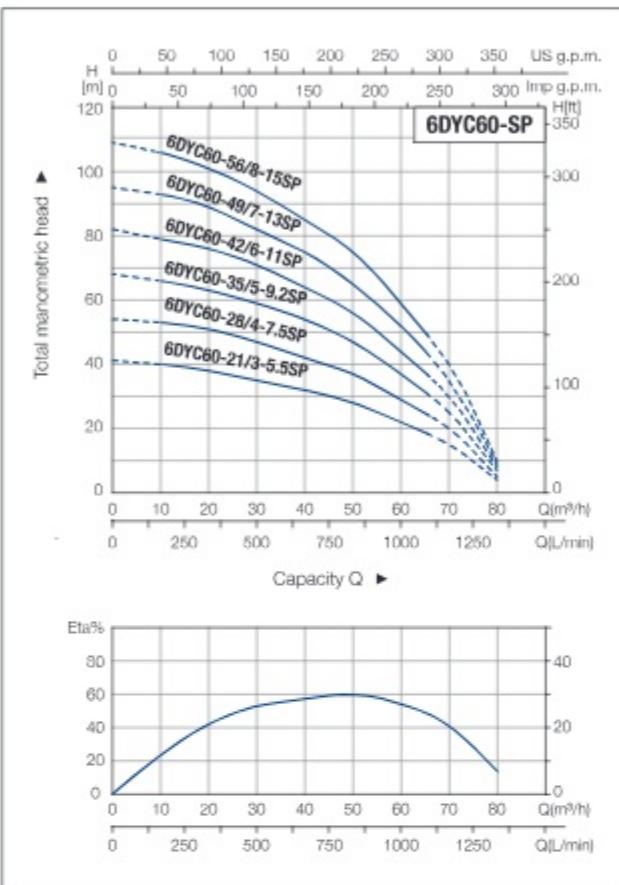
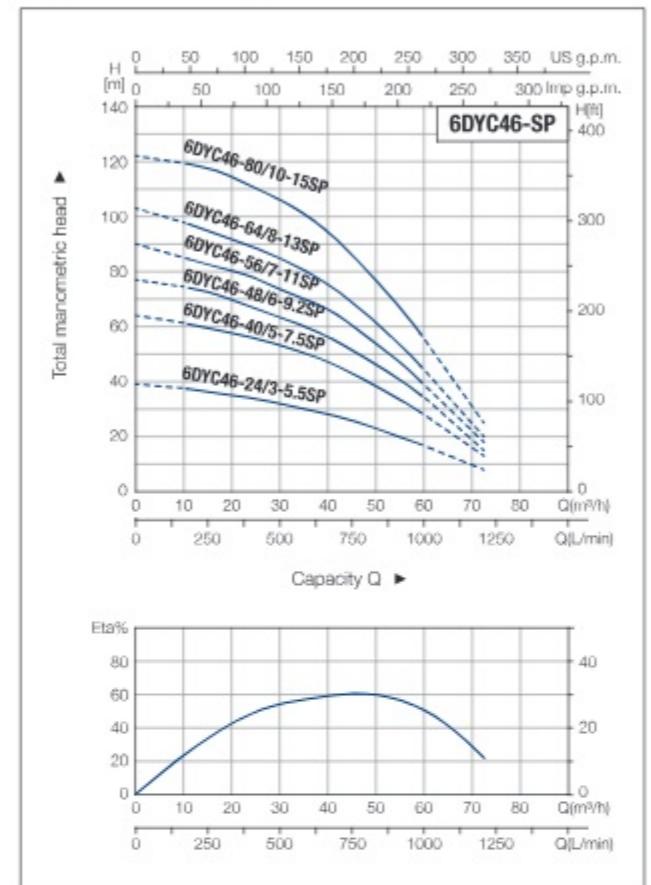


Model	Outlet	Dimensions (mm)					N.W.
	DN	ΦE	ΦMax.	A	B	C	kg
3~ 380~415V/60Hz	G3"	Φ142	Φ143	1235	660	575	55.9
6DYC54-29/3-7.5				1405	760	645	66.8
6DYC54-38/4-11				1535	820	715	73.2
6DYC54-48/5-13				1655	870	785	78.4
6DYC54-58/6-15							

PERFORMANCE CURVES



PERFORMANCE CURVES



TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	3	6	9	12	15	18	21	24	28
Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	50	100	150	200	250	300	350	400	450
6DYC17-49/7-4SP	4	5.5		66	65	64	63	61	58	48	40	30	13
6DYC17-63/9-5.5SP	5.5	7.5		84	83	82	81	79	74	62	52	39	17
6DYC17-84/12-7.5SP	7.5	10		112	111	109	108	105	99	83	69	52	23
6DYC17-105/15-9.2SP	9.2	12.5	H(m)	140	138	137	135	131	123	104	87	65	28
6DYC17-126/18-11SP	11	15		168	166	164	162	158	148	125	104	77	34
6DYC17-147/21-13SP	13	17.5		196	194	191	189	184	173	146	121	90	40
6DYC17-168/24-15SP	15	20		224	221	219	216	210	197	167	139	103	45

Model	Power		Q(m³/h)	0	5	10	15	20	25	30	35	40	45
Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	83	167	250	333	417	500	583	667	750
6DYC30-30/4-4SP	4	5.5		43	42	40	39	37	34	30	25	19	11
6DYC30-38/5-5.5SP	5.5	7.5		54	53	50	49	46	42	38	31	24	14
6DYC30-53/7-7.5SP	7.5	10		76	74	70	69	65	59	53	44	34	19
6DYC30-68/9-9.2SP	9.2	12.5	H(m)	97	95	90	89	83	76	68	56	43	24
6DYC30-90/12-11SP	11	15		130	126	119	118	111	102	90	75	58	32
6DYC30-105/14-13SP	13	17.5		151	147	139	138	130	119	105	88	67	38
6DYC30-120/16-15SP	15	20		173	168	158	157	148	136	120	100	77	43

TECHNICAL TABLE n=2850 r/min

Model	Power		Q(m³/h)	0	8	16	24	32	40	48	56	64	72
Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	133	267	400	533	667	800	933	1067	1200
6DYC46-24/3-5.5SP	5.5	7.5		39	36	35	33	31	28	23	19	14	8
6DYC46-40/5-7.5SP	7.5	10		64	62	58	55	52	47	39	32	23	13
6DYC46-48/6-9.2SP	9.2	12.5	H(m)	77	72	70	67	62	56	47	39	28	15
6DYC46-56/7-11SP	11	15		90	84	82	78	72	66	55	45	31	18
6DYC46-64/8-13SP	13	17.5		103	96	93	89	83	75	63	51	36	20
6DYC46-80/10-15SP	15	20		128	120	117	111	104	94	79	64	45	25

Model	Power		Q(m³/h)	0	10	20	30	40	50	60	70	80
Three phase (380-415V/50Hz)	kW	HP	Q(l/min)	0	167	267	500	667	833	1000	1167	1333
6DYC60-21/3-5.5SP	5.5	7.5		41	40	38	35	31	28	21	15	4
6DYC60-28/4-7.5SP	7.5	10		54	53	50	47	41	37	28	20	5
6DYC60-35/5-9.2SP	9.2	12.5	H(m)	68	66	63	59	52	47	35	25	7
6DYC60-42/6-11SP	11	15		82	79	76	70	62	56	42	30	8
6DYC60-49/7-13SP	13	17.5		95	93	88	82	73	65	49	35	9
6DYC60-56/8-15SP	15	20		109	106	101	94	83	75	56	40	10

INSTALLATION METHOD AND SIZE

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	ΦMax.	A	B	C	
3~ 380~415V/50Hz	DN G3"	Φ142	Φ145	1174	590	584	50
6DYC17-49/7-4SP				1296	620	676	55.4
6DYC17-63/9-5.5SP				1474	660	814	62.5
6DYC17-84/12-7.5SP				1662	710	952	70.9
6DYC17-105/15-9.2SP				1850	760	1090	79.3
6DYC17-126/18-11SP				2048	820	1228	87.8
6DYC17-147/21-13SP				2236	870	1366	95.8

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	ΦMax.	A	B	C	
3~ 380~415V/50Hz	DN G3"	Φ142	Φ145	1212	590	622	50.1
6DYC30-30/4-4SP				1332	620	712	55.3
6DYC30-38/5-5.5SP				1552	660	892	62.9
6DYC30-53/7-7.5SP				1782	710	1072	71.9
6DYC30-68/9-9.2SP				2102	760	1342	82.6
6DYC30-90/12-11SP				2342	820	1522	91.6
6DYC30-105/14-13SP				2572	870	1702	100.2

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	ΦMax.	A	B	C	
3~ 380~415V/50Hz	DN G3"	Φ142	Φ145	1218	620	598	53.2
6DYC46-24/3-5.5SP				1482	660	822	61.9
6DYC46-40/5-7.5SP				1644	710	934	69.6
6DYC46-48/6-9.2SP				1806	760	1046	77.2
6DYC46-56/7-11SP				1978	820	1158	85
6DYC46-64/8-13SP				2252	870	1382	94.5
6DYC46-80/10-15SP							

Model	Outlet	Dimensions (mm)					N.W. kg
		ΦE	ΦMax.	A	B	C	
3~ 380~415V/50Hz	DN G3"	Φ142	Φ145	1218	620	598	63
6DYC60-21/3-5.5SP				1370	660	710	59.3
6DYC60-28/4-7.5SP				1532	710	822	66.9
6DYC60-35/5-9.2SP				1694	760	934	74.5
6DYC60-42/6-11SP				1866	820	1046	82.2
6DYC60-49/7-13SP				2028	870	1158	89.4
6DYC60-56/8-15SP							

