WHEN REAL POWER MATTERS

NORWIK®

50HZ PUMPS

50 HZ PUMPS

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NORWIK®

2004

Year of Foundation

+20

Years of Expertise

+40

Countries of Sales

SOCEVE SRL
Asolo - Italy

COMMERCIAL HEADQUARTERS

- Direct contact with customers
- End-to-end purchasing support
- After-sales service
- Participation in international trade fairs
- Extensive service centre network

CENTRESS SUZHOU INTERNATIONAL
Jiangsu Province

PRODUCTION PLANT AND B2B DISTRIBUTION

- Large-scale international production
- Manufactures Norwik Power's core products
- Logistics hub for global B2B distribution
- Perform quality checks
- Maintains Norwik Power quality

WHEN REAL POWER MATTERS

When performance is not optional.
When durability defines value.
When power delivers results.

NORWIK POWER is a brand founded in **2004** by Italian entrepreneur Daniele Dall'Est. with the aim of developing and producing powerful. high-performance **engines**. **electric pumps and energy solutions**.

The brand was born from the **combination of Italian vision and international presence**. aiming to deliver high-quality. innovative solutions with efficiency and consistent service for global markets.

Applications:

- AGRICULTURE
- BUILDING
- DOMESTIC
- FIRE FIGHTING
- FOUNTAINS
- GARDENING
- HEATING SYSTEM
- INDUSTRIAL
- IRRIGATION
- MARICULTURE
- SPA - JACUZZI
- SWIMMING POOL
- WASHING
- WATER PUMP OUT

NORWIK®

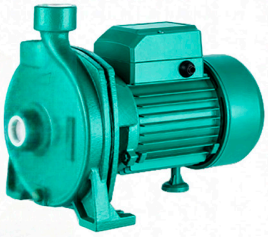
SURFACE PUMPS

Water solutions for domestic and residential applications, including water supply, pressure boosting, water transfer and garden irrigation.

PERIPHERAL PUMP
QB60

- Domestic pressurization
- Small-scale irrigation
- Transfer from tanks and reservoirs

CENTRIFUGAL PUMP
CPM



- Domestic and residential use
- Garden and irrigation
- Transfer and filing
- of tanks and cisterns
- Pressure boosting systems

CENTRIFUGAL PUMP
DWK

- Domestic pressurization
- Irrigation and gardening
- Water treatment
- Filtration systems

SELF-PRIMING PUMP
JET

- Domestic water supply
- Pressure boosting systems
- Garden irrigation
- Water transfer from tanks, wells and cisterns

SELF-PRIMING PUMP
JS

- Domestic water supply
- Pressure boosting systems
- Irrigation and small fourtains
- Intake from tanks or shallow wells

CENTRIFUGAL PUMP
HFm

- High flow rates
- Agriculture irrigation
- Water intake from wells,
- tanks and reservoirs
- Distribution for residential use

PERIPHERAL PUMPS

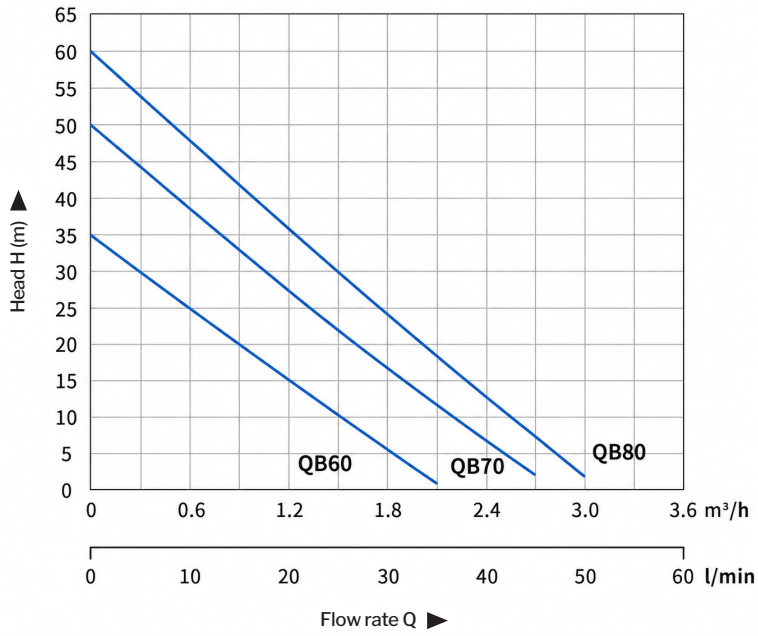
Application:

DOMESTIC GARDENING IRRIGATION WATER PUMP OUT

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Size (mm)	S.Head kg	N.W. kg
QB60	220	50	0.37	0.50	2.90	36	35	G1" x G1"	8	4.70
QB70	220	50	0.55	0.75	3.50	45	45	G1" x G1"	8	8.30
QB80	220	50	0.75	1.00	5.50	55	50	G1" x G1"	8	9.30



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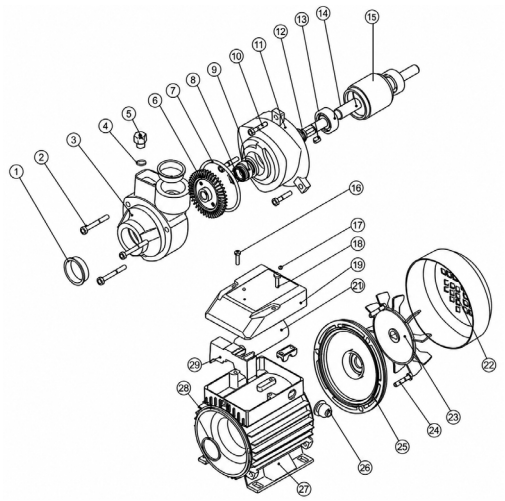


1 Anti-dust Cover
2 Bolt
3 Pump Body
4 O-Ring
5 Charge Screw
6 Impeller
7 O Ring
8 Circlip
9 Mechanical Seal
10 Bolt
11 Pump Support
12 Water Barrier
13 Flat Key
14 Bearing
15 Rotor
16 Screw
17 Nut
18 Nameplate
19 Terminal Box
20 Capacitor
21 Cable Presser
22 Fan Cover
23 Fan Cover
24 Bolt
25 End Cover
26 Cable Sleeve
27 Motor Casing with Stator
28 Wave Washer
29 Terminal Board

CENTRIFUGAL PUMPS

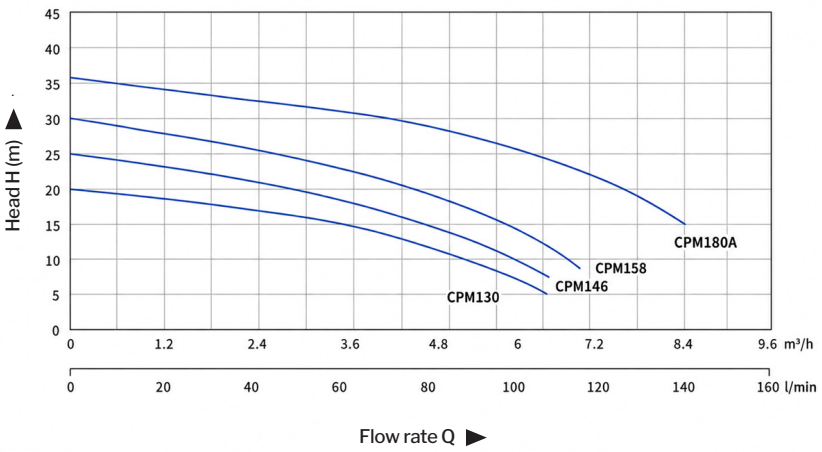
Application:

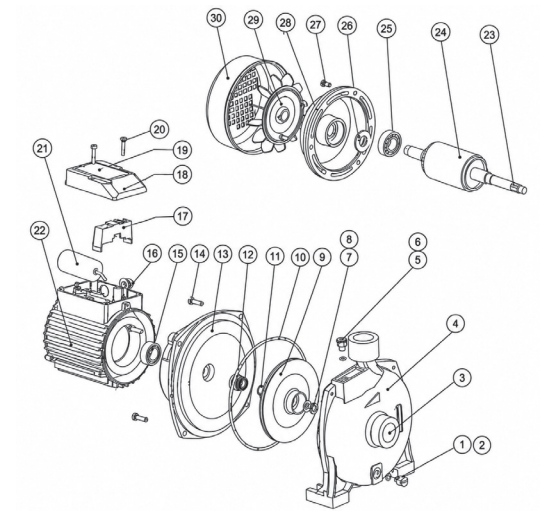
DOMESTIC INDUSTRIAL

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Size (mm)	S.Head kg	N.W. kg
CPM130	220	50	0.37	0.50	2.90	20	110	G1" x G1"	8	8.0
CPM146	220	50	0.55	0.75	3.50	25	110	G1" x G1"	8	10.2
CPM158	220	50	0.75	1.00	5.50	30	118	G1" x G1"	8	11.2
CPM180	220	50	1.1	1.50	7.50	36	140	G1 1/4" x G1"	8	17.5





Description:

1 Discharge Plug
2 O Ring
3 Outlet Cover
4 Pump Body
5 Charge Plug
6 O Ring
7 Nut
8 Spring Washer
9 Impeller
10 O Ring
11 Circlip
12 Mechanical Seal
13 Iron Support
14 Screw
15 Bearing
16 Fairlead
17 Terminal Board
18 Terminal Cover
19 Nameplate
20 Screw
21 Capacitor
22 Motor Casing with Stator
23 Flat Key
24 Rotor
25 Bearing
26 Wave Washer
27 Screw
28 End Cover
29 Fan
30 Fan Cover

CENTRIFUGAL PUMPS

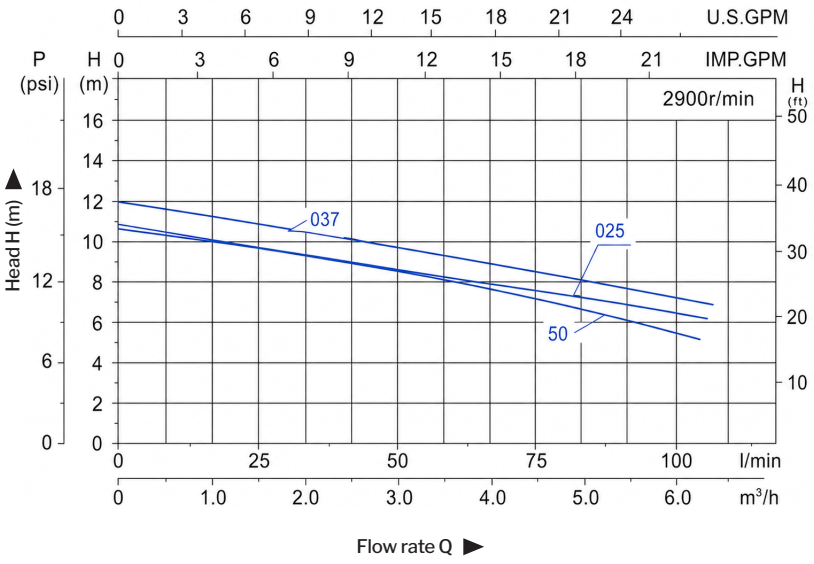
Application:

DOMESTIC INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage		Freq.	Power		Current (Amps)		H.max	Q.max	Inlet Size	Outlet Size	N.W.
	1~	3~	Hz	KW	HP	1~	3~	m	L/min	inch	inch	kg
DWK025(T)	220	380	50	0.25	0.35	2.00	0.70	10	100	G 1 1/4"	G 1"	4.0
DWK037(T)	220	380	50	0.37	0.50	2.40	1.00	12	100	G 1 1/4"	G 1"	4.5
DWK050(T)	220	380	50	0.37	0.50	2.40	1.00	12	110	G 1 1/4"	G 1"	4.5



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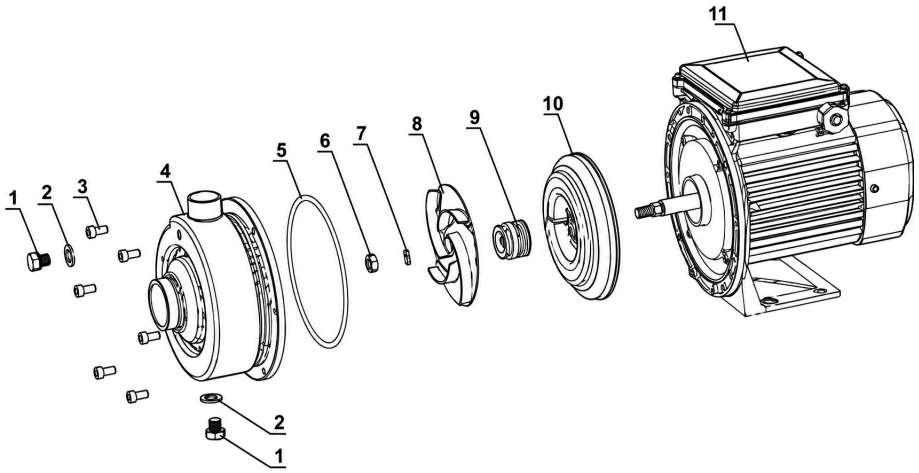


1 Plug
2 Washer
3 Inside Hexagonal Bolt
4 Pump Housing Component
5 O Ring
6 Hexagonal Nut
7 Spring Washer
8 Impeller
9 Mechanical Seal
10 Pump Cover
11 Motor

CENTRIFUGAL PUMPS

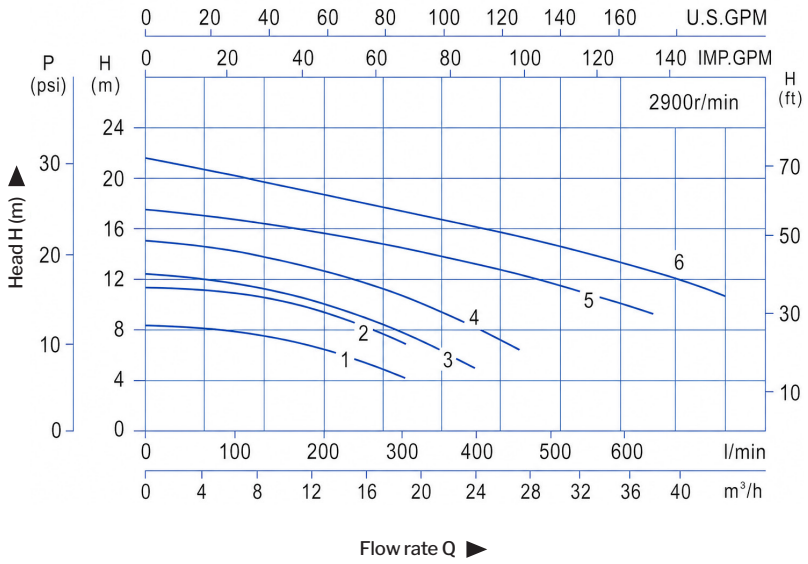
Application:

DOMESTIC INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Power HP	Current (Amps) 1~	Current (Amps) 3~	H.max m	Q.max L/min	Inlet Size inch	Outlet Size inch	N.W. kg
DWK100A(T)	220	380	50	0.55	0.75	3.80	1.40	12	300	G 1 1/2"	G 1 1/2"	7.2
DWK100(T)	220	380	50	0.75	1.00	5.20	1.80	12	300	G 1 1/2"	G 1 1/2"	8.2
DWK120A(T)	220	380	50	0.75	1.00	5.20	1.80	14	330	G 1 1/2"	G 1 1/2"	8.2
DWK120(T)	220	380	50	1.00	1.40	6.20	2.40	14	330	G 1 1/2"	G 1 1/2"	9.2
DWK150(T)	220	380	50	1.10	1.50	7.00	2.60	12	415	G 2"	G 2"	14.0
DWK200(T)	220	380	50	1.50	2.00	9.20	3.50	15	500	G 2"	G 2"	16.0
DWK300(T)	220	380	50	2.20	3.00	14.00	4.90	17	630	G 2 1/2"	G 2"	20.0
DWK400T	-	380	50	3.00	3.30	-	6.30	21	730	G 2 1/2"	G 2"	21.6



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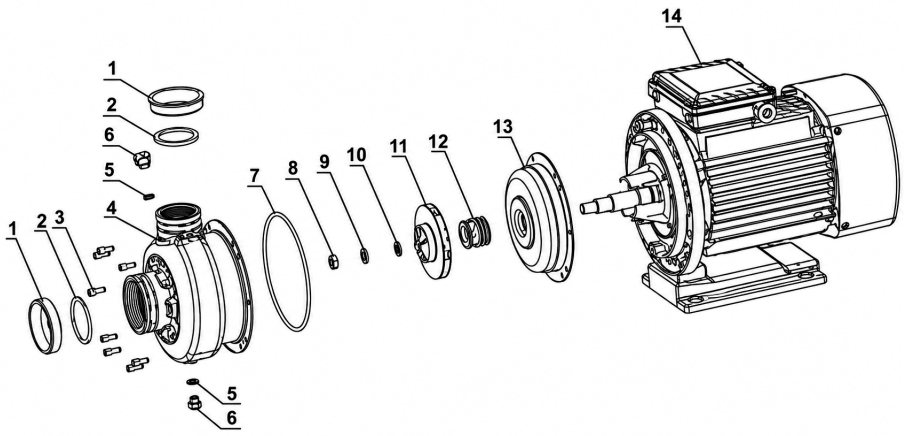


1 Dust Cap
2 O Ring
3 Inside Hexagonal Bolt
4 Pump Housing Comoponent
5 O Ring
6 Plug
7 O Ring
8 Hexagonal Nut
9 Washer
10 Spring Washer
11 Impeller
12 Mechanical Seal
13 Pump Cover
14 Motor

CENTRIFUGAL PUMPS

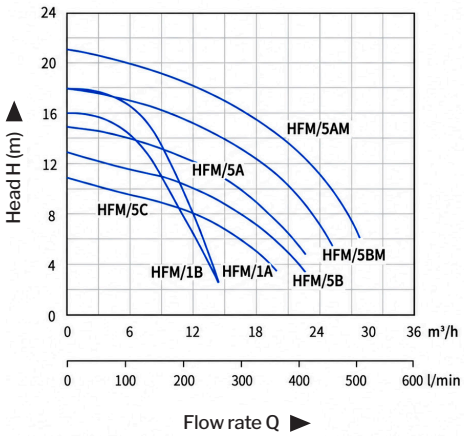
Application:

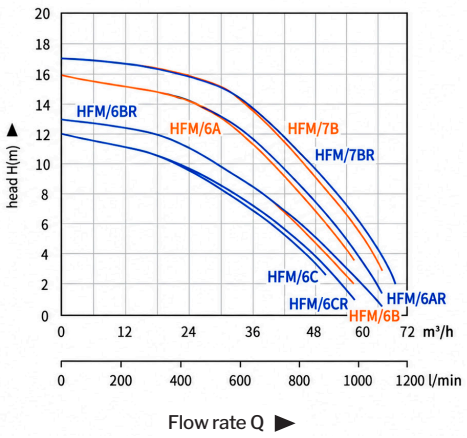
DOMESTIC INDUSTRIAL

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Size (mm)	S.Head kg	N.W. kg
HFM/1B	220	50	0.60	0.80	3.50	16	250	G1.5" x G1.5"	8	12.5
HFM/1A	220	50	0.75	1.00	5.50	18	250	G1.5" x G1.5"	8	13.6
HFM/5C	220	50	0.60	0.80	3.50	11	350	G2" x G2"	8	14.8
HFM/5B	220	50	0.75	1.00	5.50	13	400	G2" x G2"	8	15.7
HFM/5A	220	50	1.10	1.50	7.50	15	400	G2" x G2"	8	14.3
HFM/6C	220	50	1.10	1.50	7.50	12	900	G3" x G3"	8	24.8
HFM/6B	220	50	1.50	2.00	8.50	13	1000	G3" x G3"	8	25.3
HFM/6A	220	50	2.20	3.00	12.00	16	1000	G3" x G3"	8	20.2
HFM/7B	220	50	3.00	4.00	14.00	17	1100	G4" x G4"	8	34.5





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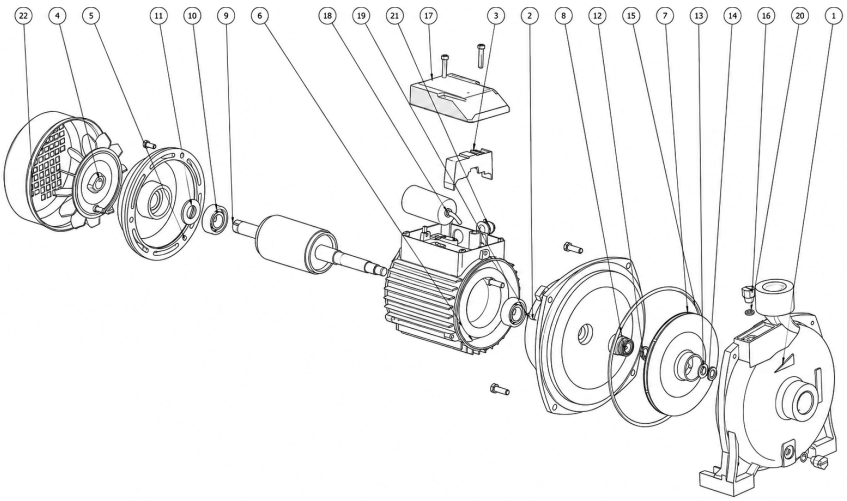


1 Pump Body
2 Motor Front Cover
3 Terminal Block
4 Fan
5 Motor End Cover
6 Motor Body
7 Impeller
8 Mechanical Seal
9 Motor Rotor
10 Ball Bearing
11 Spring Wave
12 Locking Ring
13 Washer
14 Washer
15 O Ring
16 Flit Plug Screw
17 Terminal Cover
18 Capacitor
19 Washer
20 O Ring
21 Fairlead
22 Fan Cover

SELF-PRIMING PUMPS

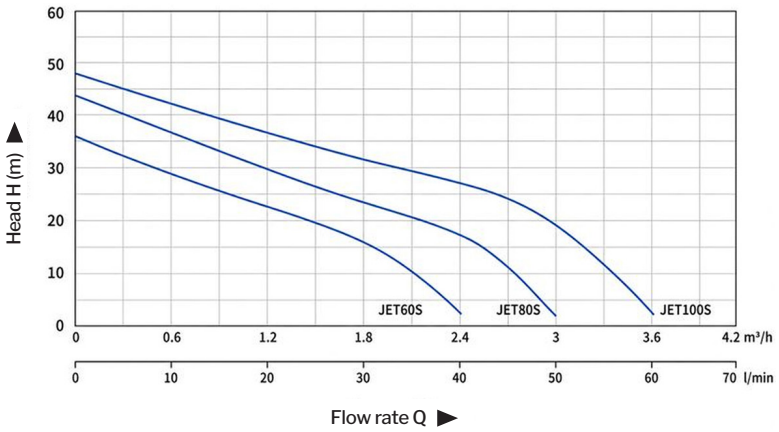
Application:

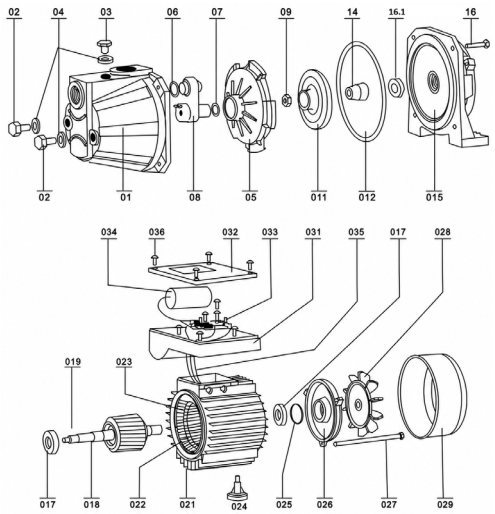
DOMESTIC FOUNTAINS GARDENING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Size (mm)	S.Head kg	N.W. kg
JET60S	220	50	0.37	0.50	2.90	36	40	G1" x G1"	9	9.4
JET80S	220	50	0.55	0.75	3.50	44	50	G1" x G1"	9	12.1
JET100S	220	50	0.75	1.00	5.50	48	60	G1" x G1"	9	12.9





Description:

1 Pump Body
2 Fit Plug Screw
3 Screw
4 Washer
5 Diffuser
6 O Ring
7 O Ring
8 Venturi
9 Bolt
11 Impeller
12 O Ring
14 Lock Ring
15 Motor Front Cover
16 Screw
16/1 Shaft Bolt
17 Washer
18 Motor Rotor
19 Shaft
21 Motor Body
22 O Ring
23 Stator
24 Support
25 O Ring
26 Motor End Cover
27 Screw
28 Fan
29 Fan Cover
31 Terminal Box
32 Terminal Plate
33 PCB
34 Capacitor
35 Cable
36 Screw

SELF-PRIMING PUMPS

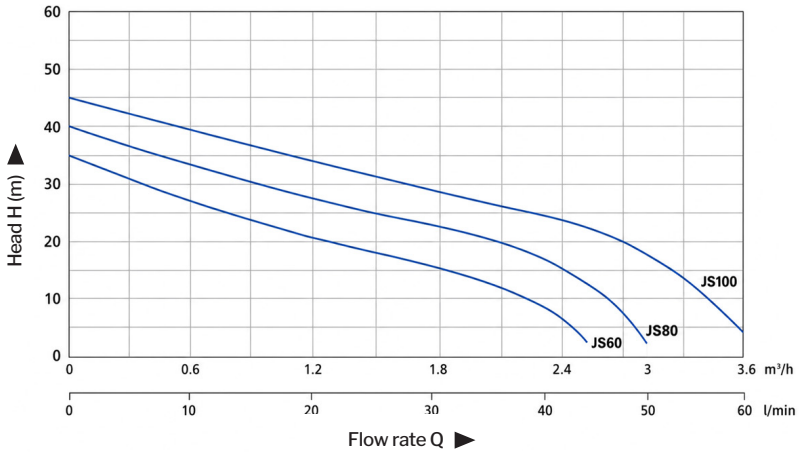
Application:

DOMESTIC FOUNTAINS GARDENING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Size (mm)	S.Head kg	N.W. kg
JS60	220	50	0.37	0.50	2.90	35	45	G1" x G1"	9	5.5
JS80	220	50	0.55	0.75	3.50	40	50	G1" x G1"	9	7.7
JS100	220	50	0.75	1.00	5.50	45	60	G1" x G1"	9	8.8



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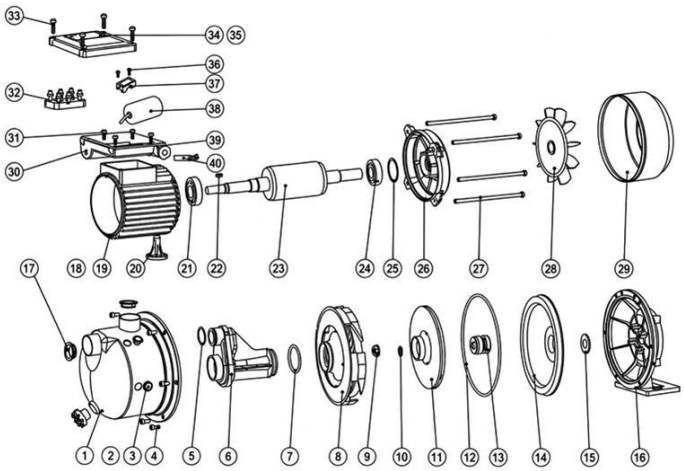
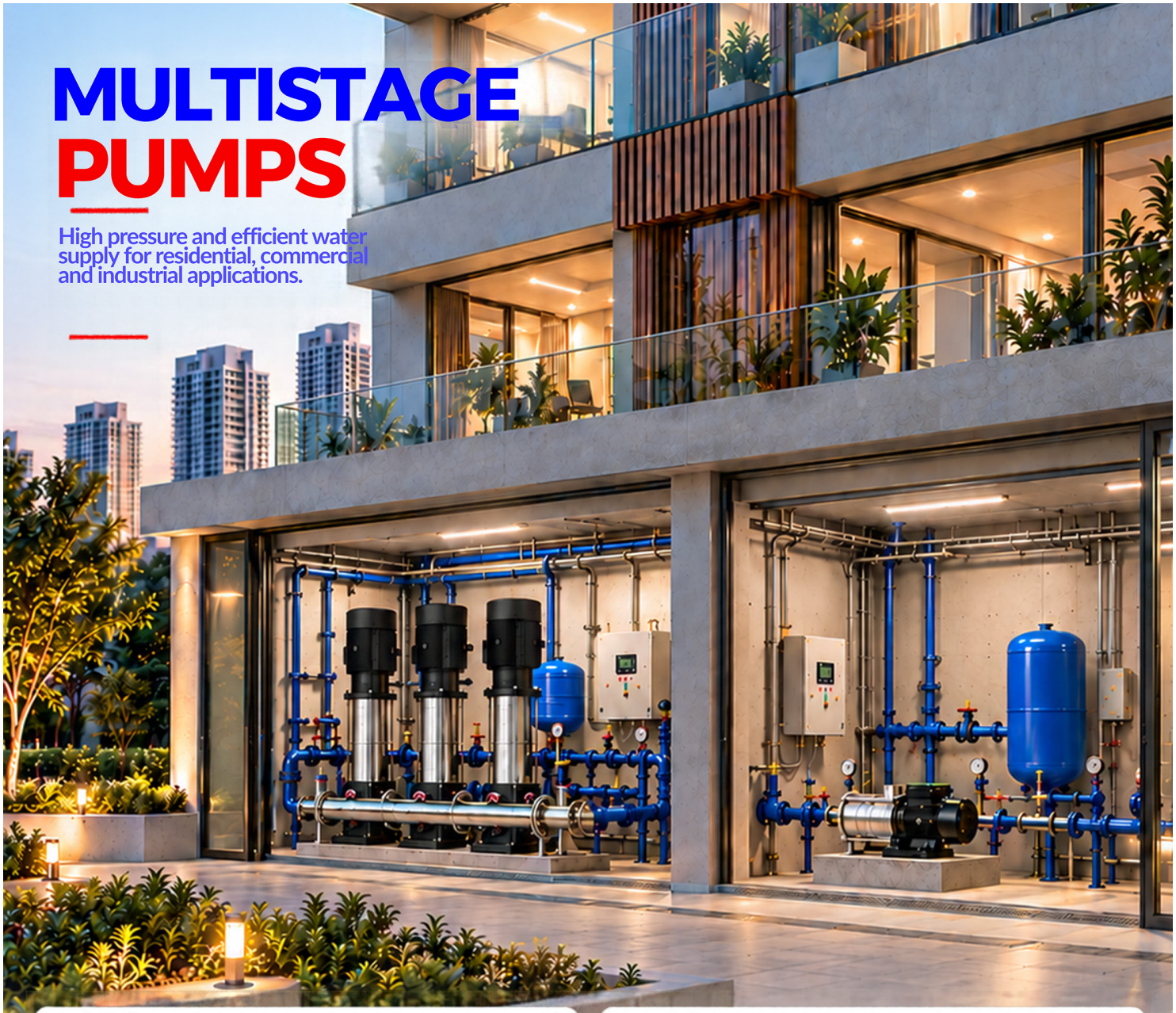


1 Pump Body
2 O Ring
3 Screw
4 Screw
5 O Ring
6 Venturi Pipe
7 O Ring
8 Diffuser
9 Nut
10 Washer
11 Impeller
12 O Ring
13 Mechanical Seal
14 Front Cover
15 Water Proof Ring
16 Pump Support
17 Anti-dust Cover
18 Motor Casing with Stator
19 Stator
20 Stand
21 Bearing
22 Flat Key
23 Rotor
24 Bearing
25 Washer
26 End Cover
27 Bolt
28 Fan
29 Fan Cover
30 Terminal Box
31 Screw
32 Terminal Board
33 Screw
34 Nameplate
35 Terminal Box
36 Screw
37 Pressor
38 Capacitor
39 Protector
40 Cable

MULTISTAGE PUMPS

High pressure and efficient water supply for residential, commercial and industrial applications.



CV

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

- High-rise building water supply
- Residential & commercial pressure boosting
- Civil and industrial water distribution
- HVAC and boiler feed systems
- Fire-fighting systems
- Irrigation and long-distance water supply

CM

HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

- Domestic & residential water supply
- Pressure boosting systems
- Water transfer from tanks and reservoirs
- Irrigation systems
- Cooling and washing systems
- Civil and industrial applications

FIRE PROTECTION WATER SUPPLY SYSTEMS

Reliable and efficient water supply for fire protection installations in residential, commercial and industrial buildings.

CV

VERTICAL MULTISTAGE CENTRIFUGAL PUMPS

- High reliability and performance
- Constant pressure control systems
- Easy installation and maintenance
- For fire-fighting systems
- Residential, commercial and industrial applications
- Compliance with international standards

CM

HORIZONTAL MULTISTAGE CENTRIFUGAL PUMPS

- Reliable performance
- Low noise level
- Compact and robust design
- Domestic and commercial applications
- HVAC, water boosting, irrigation

VERTICAL MULTISTAGE PUMPS

TECH DETAILS

PUMP
Non-self-priming vertical multistage centrifugal pump
In-line inlet and outlet
Maintenance-free cartridge mechanical seal

MOTOR
Totally enclosed, air-cooled. 2-pole motor
Protection grade: IP55
Insulation class: F

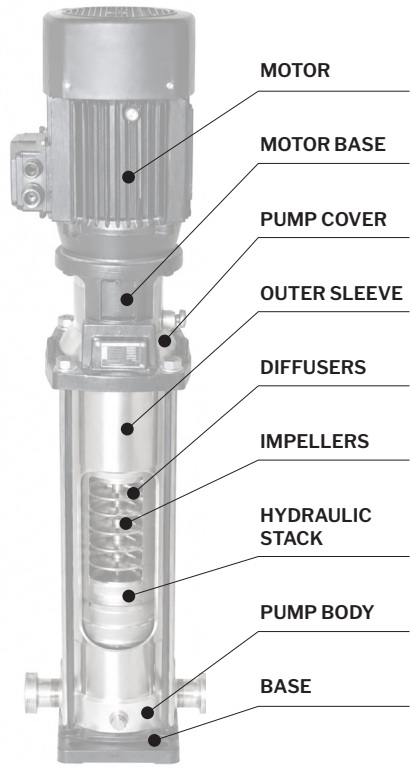
POWER SUPPLY
Single phase: 220–230/240 V. 50 Hz
Three phase: 200–220/346–380 V.
220–240/380–415 V or 380–415 V. 50 Hz
Other voltages available upon request

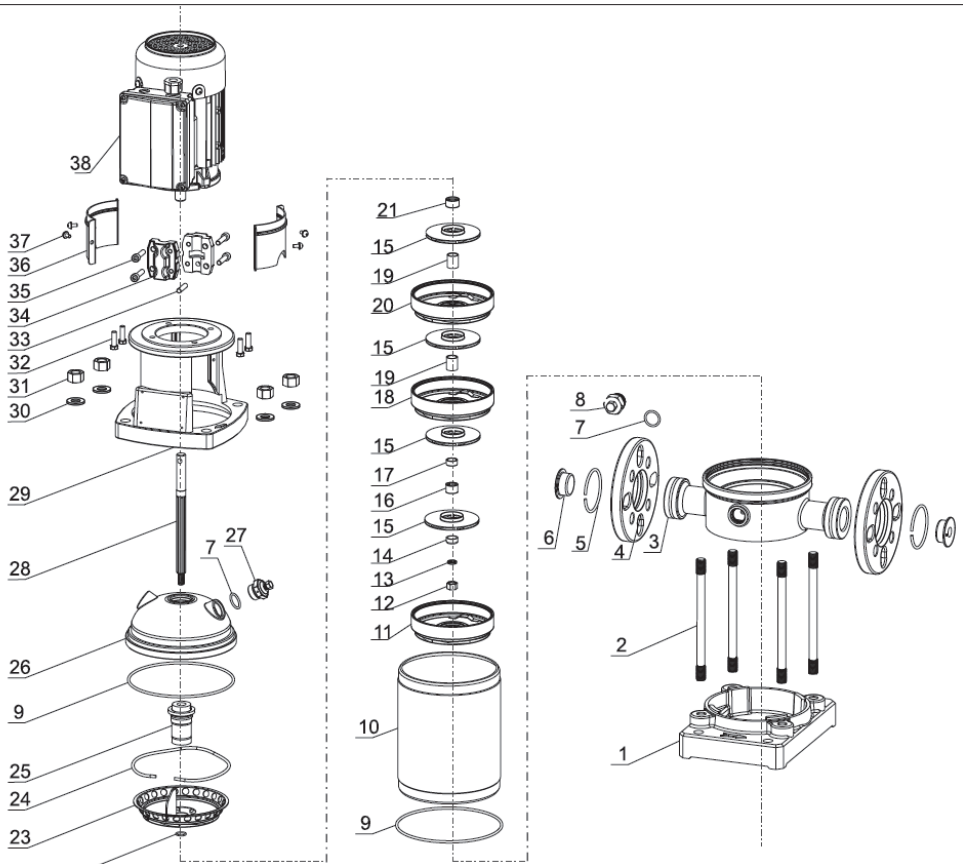
MOTOR PROTECTION
Single phase: built-in thermal overload protection
Three phase: external motor protection required

MECHANICAL SEAL
Up to 90°C: Silicon Carbide / Carbon / EPDM
Up to 120°C: Silicon Carbide / Carbon / Viton

MATERIALS
CVA: cast iron pump body
CVFA: cast stainless steel pump body
CVLA: stamped stainless steel pump body
Hydraulic components: SUS304 / SUS316

AMBIENT TEMPERATURE
Max. +50°C



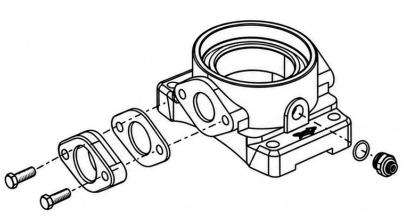


Description:

1 Base
2 Two - Head Bolt
3 Pump Body
4 Flange
5 Flange Ring
6 Dust Cap
7 O Ring
8 Drain Valve Assembly
9 O Ring
10 Housing
11 Inlet Section
12 Locked Nut
13 Spring Washer
14 Impeller Fix Ring
15 Impeller
16 Bearing Sleeve
17 Short Sleeve
18 Diffusor With Bearing
19 Long Sleeve
20 Middle Section
21 Snap-Ring Seat
22 Snap-Ring Seat
23 Outlet Section
24 Elastic Ring
25 Mechanical Seal
26 Pump Cover
27 Release Valve
28 Pump Shaft
29 Motor Base
30 Washer
31 Hexagonal Nut
32 Hexagonal Bolt
33 Cylindrical Pin
34 Coupling
35 Hexagon Socket Head Cap Screw
36 Protective Cover
37 Screw And Washer
38 O Ring

Available base:

OVAL



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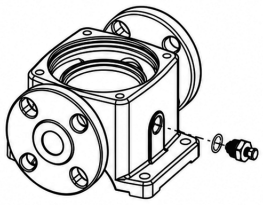
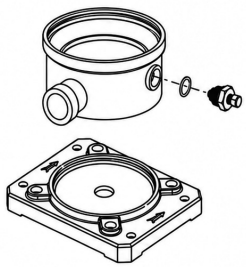
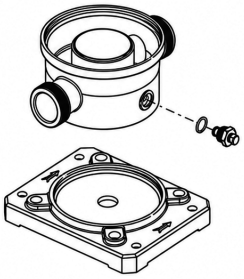


PJE



UNION



CVF 32-10-1

MODEL

CVF
Pump body made of casting stainless steel. cartridge seal

CVFV
Pump body made of casting stainless steel. normal structure seal

CV
Pump body made of cast iron. cartridge seal

CVV
Pump body made of cast iron. normal structure seal

CVL
Pump body made of stamping stainless steel. normal structure seal

NOMINAL FLOW (m^3/h)

NUMBER OF IMPELLERS

SMALL IMPELLERS (0 means no)

Model Range	CVA1 CVFA1 CVLA1	CVA2 CVFA2 CVLA2	CVA3 CVFA3 CVLA3	CVA4 CVFA4 CVLA4	CVA5 CVFA5 CVLA5	CVA10 CVFA10 CVLA10	CVA12 CVFA12 CVLA12	CVA15 CVFA15 CVLA15	CVA20 CVFA20 CVLA20	CVA32 CVFA32 CVLA32	CVA45 CVFA45	CVA64 CVFA64	CVA90 CVFA90
Rated Flow [m3/h]	1	2	3	4	5	10	12	15	20	32	45	64	90
Temperature range [°C]	-20~+104												
Temperature on range ['C]	-40~+180												
Max Efficiency [%]	44	45	56	58	65	66	66	68	69	77	78	80	81
Flow range [m3/h]	0.7-2.4	1-3.2	1.2-4.5	2-4.8	2.5-8	5-13	6-18	9-24	10-29	14-40	20-56	30-80	40-110
Max Pressure [bar]	22	22	22	22	24	23	25	24	25	26	33	23	20
High Pressure on request [bar]	47	47	47	47	47	47	47	47	47	39	40	39	39
Motor power [kW]	0.37-2.2	0.37-3	0.37-3	0.37-4	0.37-5.5	0.37-7.5	3.0-11	1.1-15	1.1-18.5	1.5-30	3-45	4-45	5.5-45
CVA Cast iron. S.S EN1.4301/AISI 304 EN1.4401/AISI 316	·	·	·	·	·	·	·	·	·	·	·	·	·
CVFA. CVLA S.S EN1.4301/AISI 304 EN1.4401/AISI 316	·	·	·	·	·	·	·	·	·	·	·	·	·
CVA PUMP PIPE CONNECTION													
Flange	DN25 DN32	DN25 DN32	DN25 DN32	DN25 DN32	DN25 DN32	DN40	DN50	DN50	DN50	DN65	DN80	DN100	DN100
Flange on request	-	-	-	-	-	DN50	-	-	-	-	-	-	-
CVA PUMP PIPE CONNECTION													
Colomn pipe thread*	G1 G1¼	G1 G1¼	G1 G1¼	G1 G1¼	G1 G1¼	G2	G2½	G2½	G2½	-	-	-	-
Flange	DN25 DN32	DN25 DN32	DN25 DN32	DN25 DN32	DN25 DN32	DN40	DN50	DN50	DN50	DN65	DN80	DN100	DN100
Flange on request	-	-	-	-	-	DN50	-	-	-	-	-	-	-
Cutting ferrule joint [PJE] *	G1¼ DN32	G1¼ DN32	G1¼ DN32	G1¼ DN32	G1¼ DN32	G2 DN50	G2 DN50	G2 DN50	G2 DN50	-	-	-	-

* NPTthread are on request

VERTICAL MULTISTAGE PUMPS

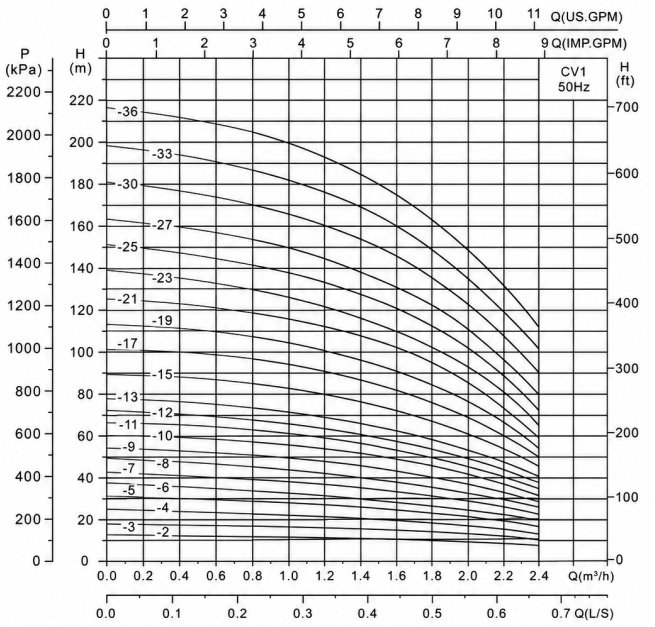
Application:

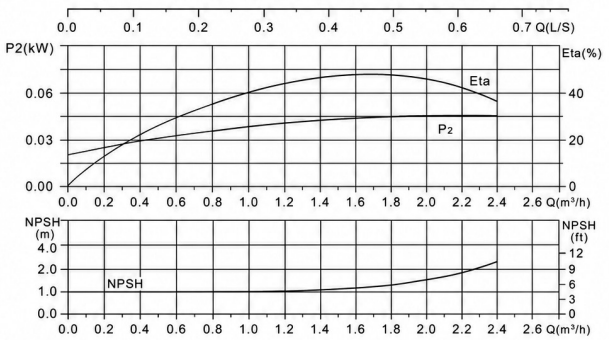
BUILDING | FIRE FIGHTING | INDUSTRIAL | IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	MOQ pcs	N.W. kg
CV1-2	220-240	380-415	50	0.37		12	11.8	11.5	11	11	10.5	9.8	9.2	8.5	7.8	1	21
CV1-3	220-240	380-415	50	0.37		17.5	17	16.8	16.5	16	15.5	14	13.5	12	10.5	1	21
CV1-4	220-240	380-415	50	0.37		23.5	23	22.5	22	21	20.5	18.5	18	16.5	14	1	21
CV1-5	220-240	380-415	50	0.37		29	28.5	28	27.5	26.5	26	24	23	20.5	17.5	1	22
CV1-6	220-240	380-415	50	0.37		35	34.5	34	33	32	31	28	27	25	22	1	22
CV1-7	220-240	380-415	50	0.37		41	40	39	38.5	37	35	33	32	29	25	1	23
CV1-8	220-240	380-415	50	0.55		46.5	46	45.5	44	42	40	38	36	33	29	1	23
CV1-9	220-240	380-415	50	0.55		52	51.5	51	49.5	47.5	46	44	41	37	34	1	24
CV1-10	220-240	380-415	50	0.55		58	57.5	57	56	54	52	48	46	41.5	37	1	25
CV1-11	220-240	380-415	50	0.55		65	63	62.5	61	59	56	54	50	46	40	1	26
CV1-12	220-240	380-415	50	0.75	H.max (m)	70	69	68	66	64	62	58	55	49	43	1	27
CV1-13	220-240	380-415	50	0.75		75	74.5	74	72	69	66	63	59	54	47	1	27
CV1-15	220-240	380-415	50	0.75		87	86	85	84	80.5	77	72	68	62	53	1	28
CV1-17	220-240	380-415	50	1.10		99	97.5	97	95	91	87	81.5	77	69	59	1	30
CV1-19	220-240	380-415	50	1.10		110.5	109	108	106	101	97	91	86	78	66	1	31
CV1-21	220-240	380-415	50	1.10		122	120.5	119.5	116	112	108	101	95	86	73	1	34
CV1-23	220-240	380-415	50	1.10		135	132.5	130	126	122	117	111	104	94	80	1	35
CV1-25	220-240	380-415	50	1.50		147	144	141	138	133	128	121	114	103	87	1	41
CV1-27	220-240	380-415	50	1.50		158	156	154	150	144	138	130	121	112	96	1	42
CV1-30	220-240	380-415	50	1.50		175	173	171	166	160	154	145	136	124	108	1	44
CV1-33	220-240	380-415	50	2.20		193	191	188	183	176	170	160	150	136	120	1	47
CV1-36	220-240	380-415	50	2.20		212	209	205	200	192	184	174	164	150	133	1	48





VERTICAL MULTISTAGE PUMPS

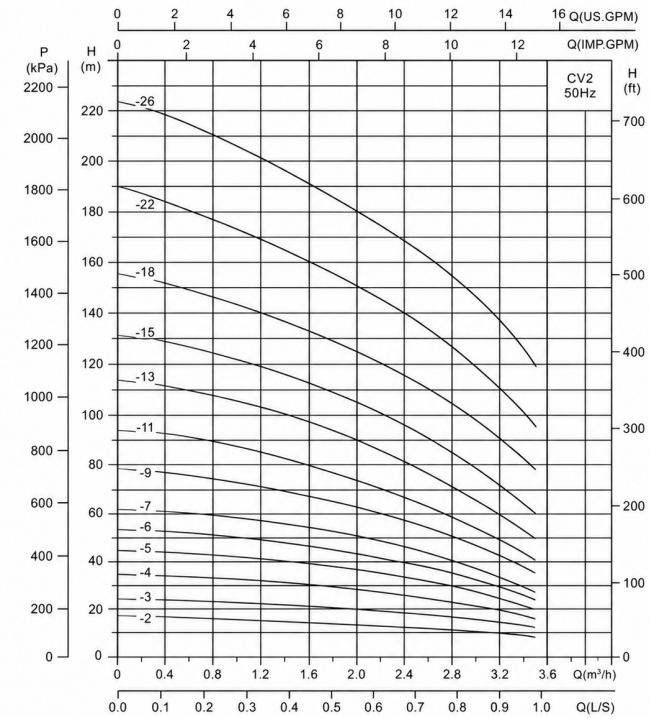
Application:

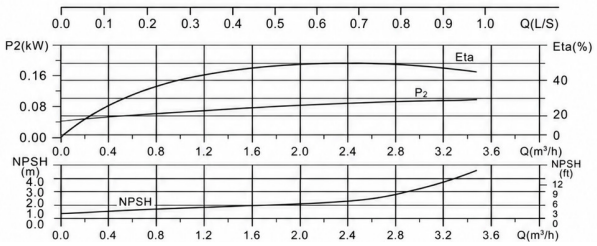
BUILDING | FIRE FIGHTING | INDUSTRIAL | IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5	MOQ pcs	N.W. kg
CV2-2	220-240	380-415	50	0.37		16	15.5	14.5	14	12.5	11	9.5	8	1	21
CV2-3	220-240	380-415	50	0.37		23	22.5	21	20	18.5	16	14	12	1	21
CV2-4	220-240	380-415	50	0.55		32	31	30	28	26	23	20	16	1	24
CV2-5	220-240	380-415	50	0.55		42.5	42	40	37	34.5	30	25	20	1	25
CV2-6	220-240	380-415	50	0.75		51	50	47	44	41	36	30	24	1	26
CV2-7	220-240	380-415	50	0.75		59	57	55	52	47	41	35	28	1	26
CV2-9	220-240	380-415	50	1.10	H.max (m)	72	71	67	63	58	51	44	36	1	28
CV2-11	220-240	380-415	50	1.10		87	85	80	74	67	59	50	42	1	28
CV2-13	220-240	380-415	50	1.50		106	104	99	90	81	71	60	51	1	31
CV2-15	220-240	380-415	50	1.50		121	119	112	105	96	85	72	61	1	31
CV2-18	220-240	380-415	50	2.20		143	139	133	125	116	105	91	78	1	36
CV2-22	220-240	380-415	50	2.20		173	169	162	152	140	126	110	95	1	41
CV2-26	-	380-415	50	3.00		206	201	191	180	170	155	133	118	1	46





VERTICAL MULTISTAGE PUMPS

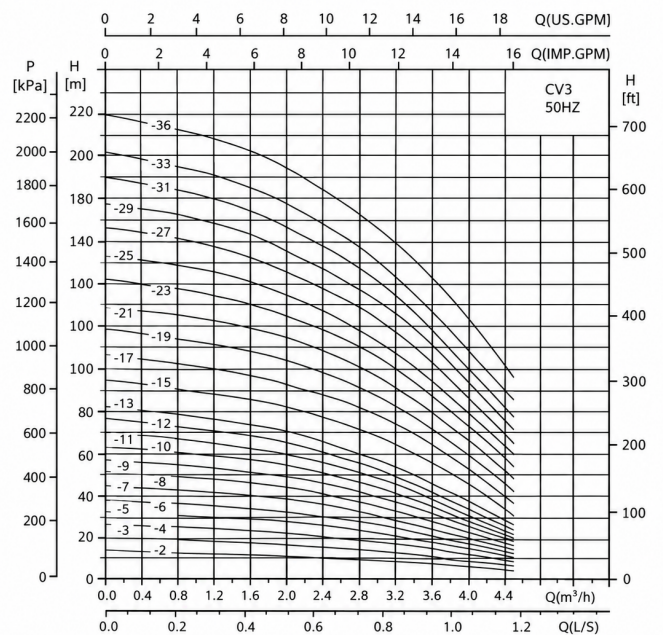
Application:

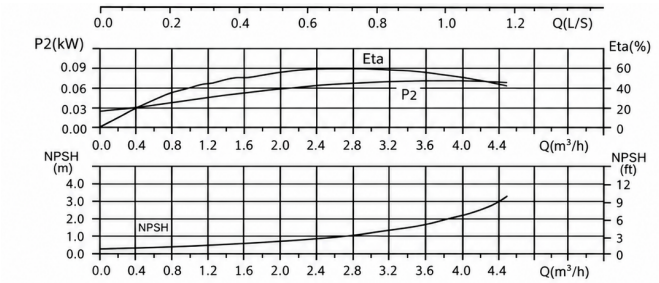
BUILDING | FIRE FIGHTING | INDUSTRIAL | IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.4	3.6	4.0	MOQ pcs	N.W. kg
CV3-2	220-240	380-415	50	0.37		12	11.3	10.5	10	9	8.5	8	7.5	7	6	1	18
CV3-3	220-240	380-415	50	0.37		18	17	16	15	14	13	12	11	10	8	1	18
CV3-4	220-240	380-415	50	0.37		24	23	21.5	20	18.5	17.5	16.5	15	13.5	11	1	19
CV3-5	220-240	380-415	50	0.37		30	28.5	27	25	23	22	20.5	19	17.5	14	1	19
CV3-6	220-240	380-415	50	0.55		36	34	32	30	28	26	24	22	20	16.5	1	20
CV3-7	220-240	380-415	50	0.55		42	40.5	39	36	33	30.5	28.5	26	24	19.5	1	21
CV3-8	220-240	380-415	50	0.75		48	46	44	41	37	35	32.5	30	27	22.5	1	22
CV3-9	220-240	380-415	50	0.75		53	51	49	46	41.5	39	37	34	32	26	1	23
CV3-10	220-240	380-415	50	0.75		59	57	55	51	46	43	41	37	34	28	1	23
CV3-11	220-240	380-415	50	1.10		65	62.5	60	56	51	48	45	42	38	30.5	1	25
CV3-12	220-240	380-415	50	1.10		71	68	66	61	55	52	49	45.5	42	34	1	27
CV3-13	220-240	380-415	50	1.10	H.max (m)	77	74	71	66	60	57	53	50	46	37	1	28
CV3-15	220-240	380-415	50	1.10		88	85	82	77	72	68.5	64	60	55	44	1	31
CV3-17	220-240	380-415	50	1.50		100	97	93	88	83	79	74	69	64	52	1	34
CV3-19	220-240	380-415	50	1.50		112	108	104	98	94	88	83	77	71	58	1	37
CV3-21	220-240	380-415	50	2.20		123	119	115	108	102	94	92	86	79	65	1	38
CV3-23	220-240	380-415	50	2.20		134	130	125	119	110	105	100	94	86	72	1	38
CV3-25	220-240	380-415	50	2.20		146	141	135	128	118	113	108	102	94	79	1	39
CV3-27	220-240	380-415	50	2.20		158	152	146	138	129	123	117	110	103	86	1	40
CV3-29	220-240	380-415	50	2.20		169	163	156	147	137	132	125	118	111	93	1	41
CV3-31	-	380-415	50	3.00		180	174	167	157	147	141	134	126	118	100	1	43
CV3-33	-	380-415	50	3.00		191	186	178	168	157	150	143	135	127	108	1	45
CV3-36	-	380-415	50	3.00		209	203	194	184	173	166	159	151	143	122	1	49





VERTICAL MULTISTAGE PUMPS

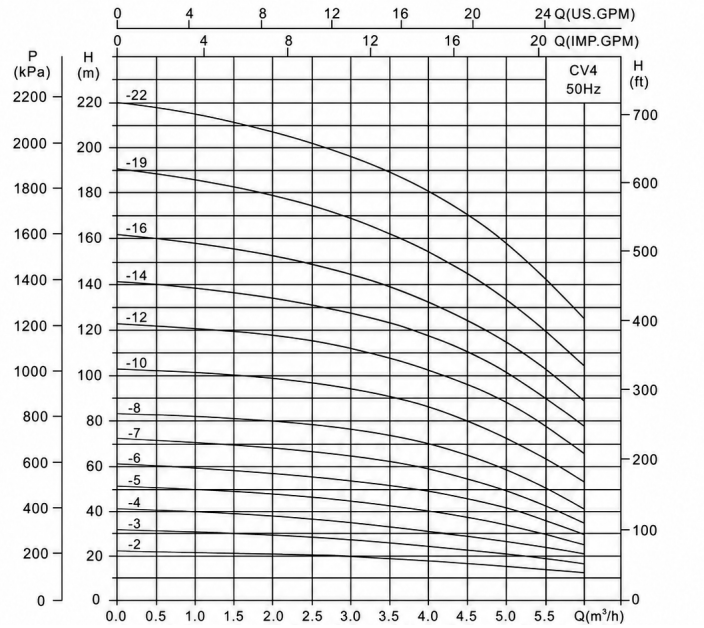
Application:

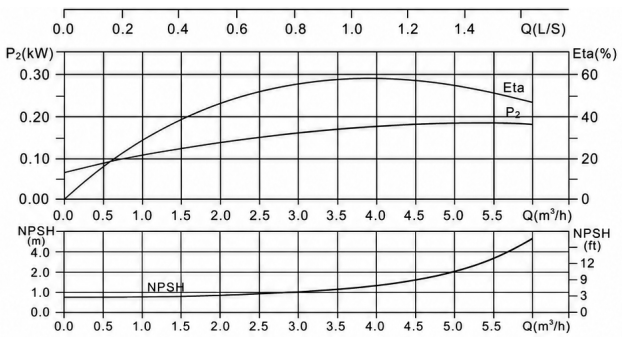
BUILDING | FIRE FIGHTING | INDUSTRIAL | IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	1.0	2.0	3.0	4.0	4.5	5.0	5.5	6	MOQ pcs	N.W. kg
CV4-2	220-240	380-415	50	0.37		21	20	18	16	15	14	13	12	1	20
CV4-3	220-240	380-415	50	0.55		31	29.5	28	24	22	21	19	18	1	20
CV4-4	220-240	380-415	50	0.75		40	38	35	31	29	27	24	22	1	21
CV4-5	220-240	380-415	50	1.10		50	48	44	40	38	34	30	26	1	24
CV4-6	220-240	380-415	50	1.10		59	57	53	49	45	41	36	30	1	26
CV4-7	220-240	380-415	50	1.50		71	69	65	59	55	50	43	36	1	30
CV4-8	220-240	380-415	50	1.50	H.max (m)	76	74	71	65	60	56	51	42	1	32
CV4-10	220-240	380-415	50	2.20		95	93	90	84	78	72	65	58	1	34
CV4-12	220-240	380-415	50	2.20		115	110	105	98	91	84	76	68	1	35
CV4-14	-	380-415	50	3.00		139	134	128	118	111	102	90	79	1	39
CV4-16	-	380-415	50	3.00		158	153	145	134	126	116	103	89	1	44
CV4-18	-	380-415	50	4.00		176	173	164	148	135	118	108	94	1	50
CV4-19	-	380-415	50	4.00		186	180	170	155	145	133	117	98	1	55
CV4-22	-	380-415	50	4.00		216	208	197	182	172	159	143	126	1	58





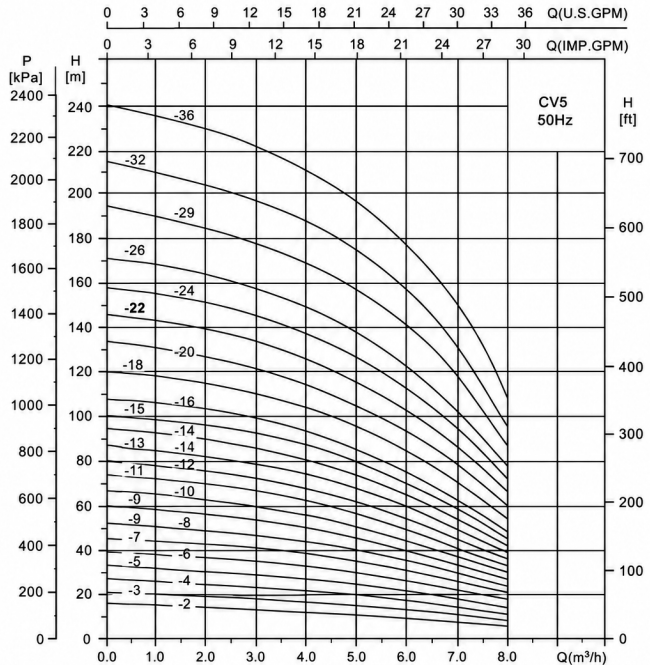
VERTICAL MULTISTAGE PUMPS

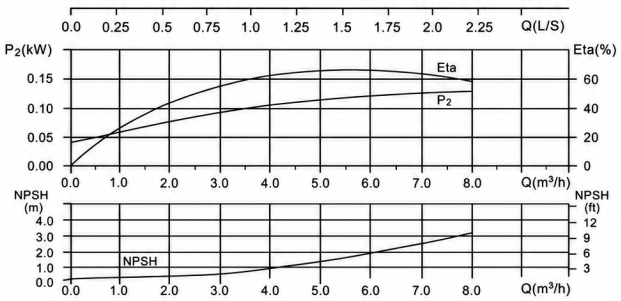
Application:

BUILDING | FIRE FIGHTING | INDUSTRIAL | IRRIGATION

Certification: CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	2.0	3.0	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	MOQ pcs	N.W. kg
CV5-2	220-240	380-415	50	0.37		14	13	12	11.5	11	10	9	8	7.5	6.5	6	1	21
CV5-3	220-240	380-415	50	0.55		19	18	16.5	15.5	15	14	13	12	11	9	8	1	22
CV5-4	220-240	380-415	50	0.55		24.5	23	22.5	21	20	18.5	17	15.5	14	12.5	11	1	23
CV5-5	220-240	380-415	50	0.75		30.5	29	27	26	24.5	23	21.5	20	17.5	16	14	1	24
CV5-6	220-240	380-415	50	1.10		37	35	33	31.5	30	28	26	24	22	20	18	1	28
CV5-7	220-240	380-415	50	1.10		43	41	39	37	35	33	31	28	26	24	21	1	28
CV5-8	220-240	380-415	50	1.10		49	47	44	42	40	38	36	32	30	27	24	1	29
CV5-9	220-240	380-415	50	1.50		56	53	50	47.5	45	42.5	40	37	33.5	30.5	27	1	32
CV5-10	220-240	380-415	50	1.50		62	59	55	53	50	47	44	41	37	34	30	1	33
CV5-11	220-240	380-415	50	2.20		68.5	65.5	61.5	59	56	52	49	45	41	37	33	1	38
CV5-12	220-240	380-415	50	2.20		75	72.5	68	65	62	58	54	49	45	40.5	36	1	39
CV5-13	220-240	380-415	50	2.20	H.max (m)	81.5	79	74	71	68	64	59.5	54	49	44	39	1	40
CV5-14	220-240	380-415	50	2.20		89	85	81	77	74	69	65	59	54	48	42	1	41
CV5-15	220-240	380-415	50	2.20		96	93	88	84	80	75	70	64	59	52	45	1	42
CV5-16	220-240	380-415	50	2.20		103	100	94	90	85	80	75	69	63	56	48	1	43
CV5-18	-	380-415	50	3.00		115	110	104	100	96	90	85	78	71	63	54	1	45
CV5-20	-	380-415	50	3.00		129	122	115	109	105	99	94	86	78	70	60	1	47
CV5-22	-	380-415	50	4.00		139	134	126	121	116	110	103	95	87	77	66	1	65
CV5-24	-	380-415	50	4.00		152	146	138	133	127	120	113	105	96	84	72	1	68
CV5-26	-	380-415	50	4.00		164	158	150	144	138	131	122	114	104	91	78	1	70
CV5-29	-	380-415	50	4.00		185	177	168	164	157	150	141	132	119	103	87	1	72
CV5-32	-	380-415	50	5.50		205	197	189	183	176	166	158	147	134	114	96	1	90
CV5-36	-	380-415	50	5.50		230	222	212	205	198	188	177	166	154	133	108	1	93





VERTICAL MULTISTAGE PUMPS

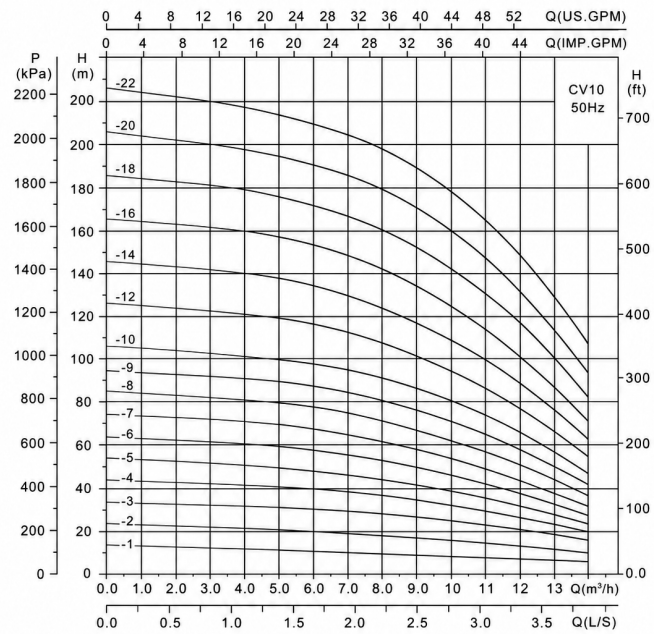
Application:

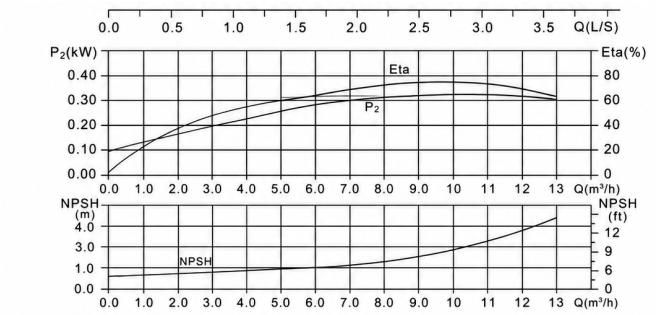
BUILDING FIRE FIGHTING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	2.0	4.0	6.0	8.0	10	12	14	MOQ pcs	N.W. kg
CV10-1	220-240	380-415	50	0.37		13	12	11	9.5	8.5	7	6	1	36
CV10-2	220-240	380-415	50	0.75		23	22	20	18	16	13	10	1	38
CV10-3	220-240	380-415	50	1.10		33	32	31	28	25	21	16	1	43
CV10-4	220-240	380-415	50	1.50		43	42	40	37	32	27	20	1	48
CV10-5	220-240	380-415	50	2.20		53	51	48	44	39	32	24	1	55
CV10-6	220-240	380-415	50	2.20		62	61	58	53	46	38	28	1	56
CV10-7	-	380-415	50	3.00		73	72	67	61	54	43	32	1	59
CV10-8	-	380-415	50	3.00	H.max (m)	83	81	78	71	62	51	37	1	60
CV10-9	-	380-415	50	3.00		93	91	87	81	71	59	42	1	62
CV10-10	-	380-415	50	4.00		104	101	98	91	81	67	47	1	73
CV10-12	-	380-415	50	4.00		123	121	117	108	95	78	55	1	76
CV10-14	-	380-415	50	5.50		143	141	136	124	110	90	63	1	93
CV10-16	-	380-415	50	5.50		163	161	154	143	125	102	71	1	95
CV10-18	-	380-415	50	7.50		183	179	173	161	144	118	82	1	107
CV10-20	-	380-415	50	7.50		202	198	191	180	160	133	93	1	113
CV10-22	-	380-415	50	7.50		222	217	209	198	178	149	106	1	115





VERTICAL MULTISTAGE PUMPS

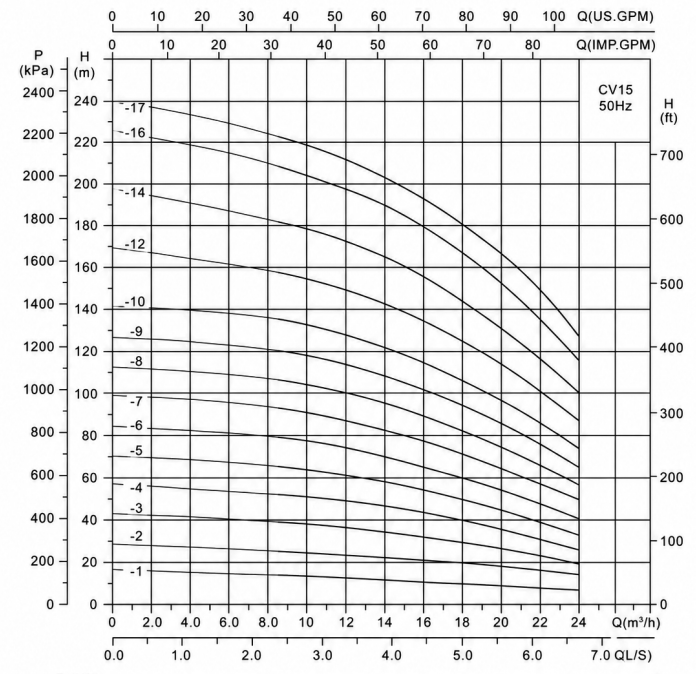
Application:

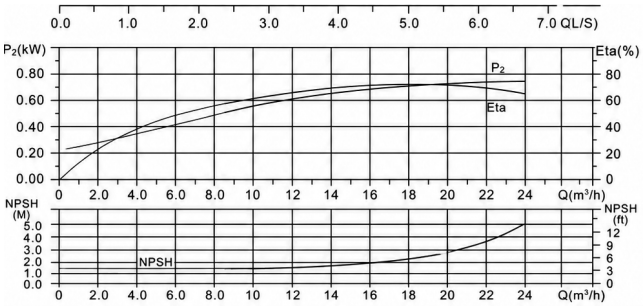
BUILDING FIRE FIGHTING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	8	10	12	14	15	16	18	20	22	24	MOQ pcs	N.W. kg
CV15-1	220-240	380-415	50	1.10		14	13	12	11.5	11	10.5	10	9	8	7	1	48
CV15-2	220-240	380-415	50	2.20		26	25	24	23	22	21	20	18	16	14	1	53
CV15-3	-	380-415	50	3.00		39	38	37	34	33	31	29	27	24	20	1	56
CV15-4	-	380-415	50	4.00		52	50	48	46	44	43	40	36	31	26	1	69
CV15-5	-	380-415	50	4.00		66	64	61	58	56	54	50	45	39	33	1	70
CV15-6	-	380-415	50	5.50		80	78	75	70	67	65	60	54	47	41	1	85
CV15-7	-	380-415	50	5.50	H.max (m)	94	92	88	83	80	78	71	64	56	50	1	88
CV15-8	-	380-415	50	7.50		108	105	101	96	93	90	83	75	66	57	1	100
CV15-9	-	380-415	50	7.50		122	119	115	109	104	98	93	87	77	66	1	101
CV15-10	-	380-415	50	11.00		136	133	128	123	120	116	107	98	86	76	1	143
CV15-12	-	380-415	50	11.00		158	155	150	144	140	135	126	116	102	89	1	145
CV15-14	-	380-415	50	11.00		183	178	172	165	162	156	145	133	118	103	1	148
CV15-16	-	380-415	50	15.00		210	204	197	190	185	179	168	153	137	118	1	166
CV15-17	-	380-415	50	15.00		218	212	203	198	193	188	171	155	136	125	1	197





VERTICAL MULTISTAGE PUMPS

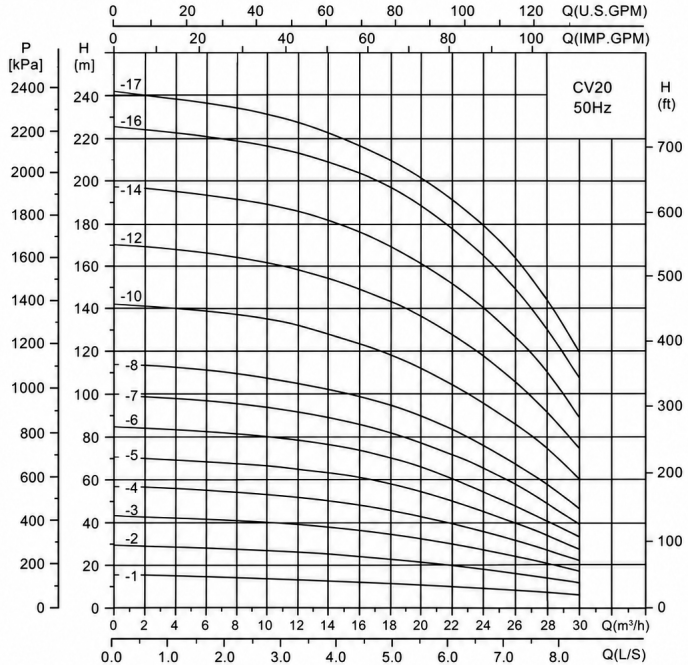
Application:

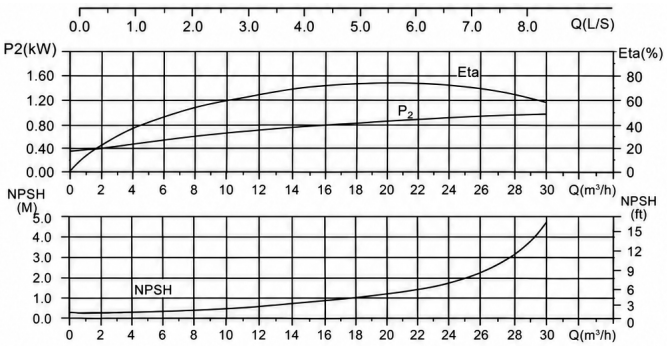
BUILDING | FIRE FIGHTING | INDUSTRIAL | IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	8	10	12	14	16	18	20	24	26	28	MOQ pcs	N.W. kg
CV20-1	220-240	380-415	50	1.10		14	13.5	13	12.5	12	11.5	10.5	9	8	7	1	42
CV20-2	220-240	380-415	50	2.20		28	27	26	25	24	22.5	21	18	16	14	1	54
CV20-3	-	380-415	50	4.00		41	40	39	38	36	34	32	27	24	21	1	68
CV20-4	-	380-415	50	5.50		54	53	52	51	50	46	43	36	32	27	1	82
CV20-5	-	380-415	50	5.50		68	67	65	63	61	58	55	45	40	33	1	85
CV20-6	-	380-415	50	7.50		82	80	78	77	73	70	66	55	48	40	1	91
CV20-7	-	380-415	50	7.50	H.max (m)	96	94	92	89	86	82	77	65	58	47	1	97
CV20-8	-	380-415	50	11.00		110	107	104	102	99	95	89	76	67	56	1	100
CV20-10	-	380-415	50	11.00		137	135	132	127	124	118	112	98	86	73	1	143
CV20-12	-	380-415	50	15.00		164	162	158	154	149	142	136	118	106	90	1	156
CV20-14	-	380-415	50	15.00		191	189	186	181	176	169	161	140	126	110	1	166
CV20-16	-	380-415	50	18.50		219	217	214	208	203	198	186	164	147	129	1	190
CV20-17	-	380-415	50	18.50		234	231	228	223	217	210	202	178	162	142	1	210





VERTICAL MULTISTAGE PUMPS

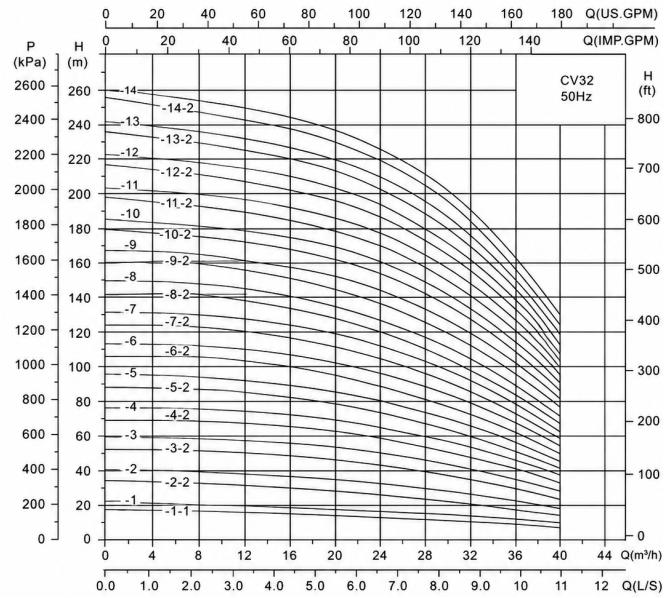
Application:

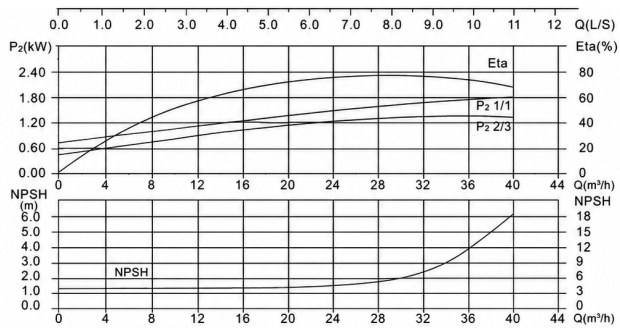
BUILDING FIRE FIGHTING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	12	16	20	24	28	30	32	36	40	MOQ pcs	N.W. kg
CV32-1-1	220-240	380-415	50	1.50		14.5	14	13	12	11	10.5	10	9	7	1	72
CV32-1	220-240	380-415	50	2.20		19	18	16.5	15.5	14.5	14	13	11.5	9.5	1	84
CV32-2-2	-	380-415	50	3.00		30	28	26	24	22	21	19	16	14	1	74
CV32-2	-	380-415	50	4.00		36	34	32	30	27	26	24	21	17	1	85
CV32-3-2	-	380-415	50	4.00		48	45	42	39	36	34	32	27	21	1	98
CV32-3	-	380-415	50	5.50		54	52	49	46	42	39	37	31	25	1	104
CV32-4-2	-	380-415	50	7.50		66	63	59	55	50	47	44	38	29	1	124
CV32-4	-	380-415	50	7.50		72	69	66	62	56	53	50	42	34	1	125
CV32-5-2	-	380-415	50	11.00		84	80	76	71	64	61	57	48	37	1	149
CV32-5	-	380-415	50	11.00		91	87	83	78	71	66	62	53	42	1	150
CV32-6-2	-	380-415	50	11.00		101	97	92	87	79	75	70	59	47	1	155
CV32-6	-	380-415	50	11.00		109	105	101	95	87	83	77	65	52	1	156
CV32-7-2	-	380-415	50	15.00		119	115	110	105	96	90	84	71	57	1	176
CV32-7	-	380-415	50	15.00	H.max (m)	127	123	118	112	103	97	91	78	61	1	177
CV32-8-2	-	380-415	50	15.00		136	132	127	120	110	104	97	82	66	1	180
CV32-8	-	380-415	50	15.00		143	139	134	126	117	111	104	88	70	1	181
CV32-9-2	-	380-415	50	18.50		153	149	144	137	126	119	112	95	75	1	230
CV32-9	-	380-415	50	18.50		161	157	152	145	134	126	119	102	80	1	231
CV32-10-2	-	380-415	50	18.50		172	168	162	154	143	135	127	108	84	1	233
CV32-10	-	380-415	50	18.50		179	174	169	162	149	142	134	114	88	1	234
CV32-11-2	-	380-415	50	22.00		189	184	178	170	158	149	141	120	93	1	260
CV32-11	-	380-415	50	22.00		197	192	186	178	165	157	148	126	97	1	261
CV32-12-2	-	380-415	50	22.00		207	202	196	187	174	165	155	132	102	1	292
CV32-12	-	380-415	50	22.00		214	210	203	194	180	171	161	137	107	1	292
CV32-13-2	-	380-415	50	30.00		225	220	213	203	188	179	169	143	112	1	297
CV32-13	-	380-415	50	30.00		232	227	220	210	197	187	177	150	118	1	297
CV32-14-2	-	380-415	50	30.00		243	238	230	220	206	197	185	156	124	1	300
CV32-14	-	380-415	50	30.00		250	245	237	227	212	203	192	163	130	1	300





VERTICAL MULTISTAGE PUMPS

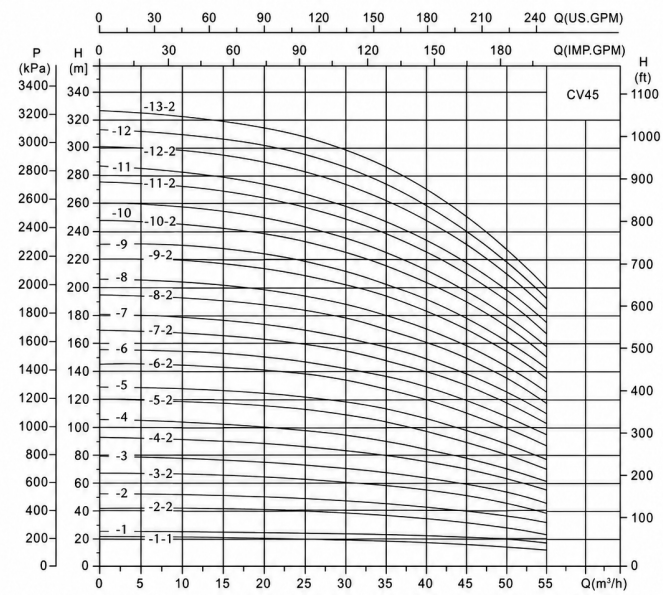
Application:

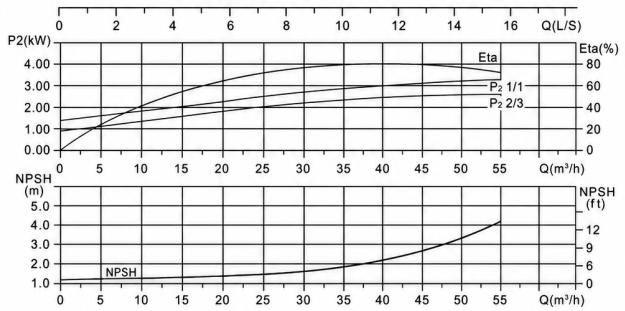
BUILDING FIRE FIGHTING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	25	30	35	40	45	50	55	MOQ pcs	N.W. kg
CV45-1-1	-	380-415	50	3.00		20	19	18	17	15	13	11	1	86
CV45-1	-	380-415	50	4.00		24	23	22	21	19	18	16	1	86
CV45-2-2	-	380-415	50	5.50		40	38	36	33	30	27	23	1	102
CV45-2	-	380-415	50	7.50		48	46	44	42	39	35	31	1	102
CV45-3-2	-	380-415	50	11.00		63	61	58	54	50	44	38	1	175
CV45-3	-	380-415	50	11.00		72	70	67	63	58	53	45	1	175
CV45-4-2	-	380-415	50	15.00		87	84	80	75	69	62	54	1	187
CV45-4	-	380-415	50	15.00		98	94	87	84	77	70	61	1	187
CV45-5-2	-	380-415	50	18.50		113	108	102	96	88	80	69	1	208
CV45-5	-	380-415	50	18.50		123	118	112	105	97	88	77	1	208
CV45-6-2	-	380-415	50	22.00		137	132	125	118	109	98	86	1	251
CV45-6	-	380-415	50	22.00		147	141	135	127	118	107	94	1	251
CV45-7-2	-	380-415	50	30.00	H.max (m)	160	154	147	139	128	116	101	1	315
CV45-7	-	380-415	50	30.00		169	164	156	147	136	124	109	1	315
CV45-8-2	-	380-415	50	30.00		184	178	169	160	147	132	116	1	319
CV45-8	-	380-415	50	30.00		194	189	180	168	155	141	124	1	319
CV45-9-2	-	380-415	50	30.00		209	202	193	182	169	152	133	1	323
CV45-9	-	380-415	50	37.00		219	212	203	191	177	161	141	1	323
CV45-10-2	-	380-415	50	37.00		233	225	215	203	188	170	148	1	347
CV45-10	-	380-415	50	37.00		245	236	225	212	196	179	156	1	347
CV45-11-2	-	380-415	50	45.00		259	250	239	226	209	191	166	1	413
CV45-11	-	380-415	50	45.00		267	259	248	235	217	198	174	1	413
CV45-12-2	-	380-415	50	45.00		284	274	263	248	230	209	183	1	417
CV45-12	-	380-415	50	45.00		295	286	273	259	239	219	192	1	417
CV45-13-2	-	380-415	50	45.00		309	300	286	270	250	227	199	1	421





VERTICAL MULTISTAGE PUMPS

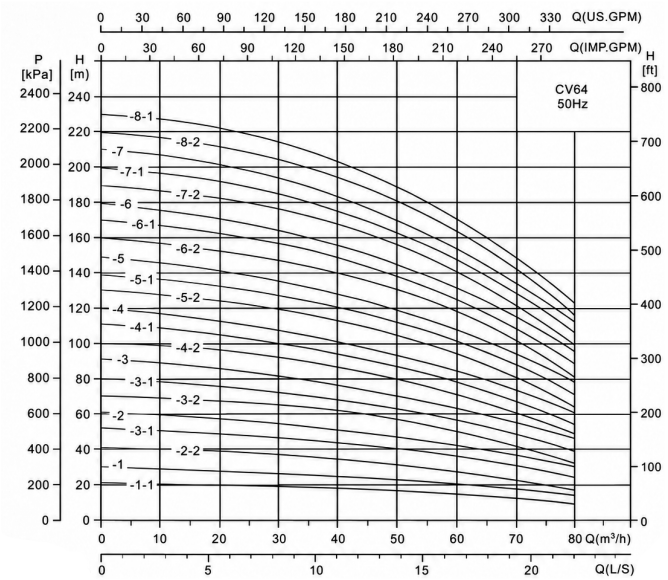
Application:

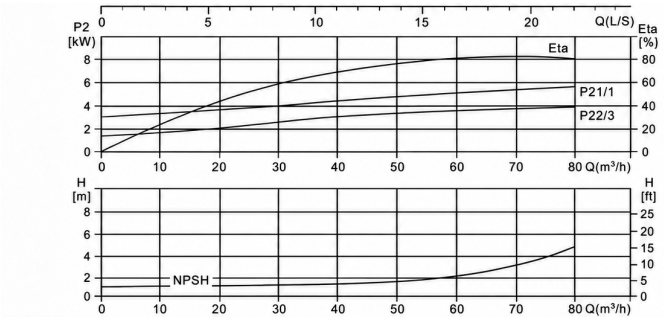
BUILDING FIRE FIGHTING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	30	40	50	60	64	70	80	MOQ pcs	N.W. kg
CV64-1-1	-	380-415	50	4.00		19	18	16	14	13	11.5	9	1	105
CV64-1	-	380-415	50	5.50		27	25	23	20	19	17	14	1	110
CV64-2-2	-	380-415	50	7.50		37	35	32	28	26	23	17	1	120
CV64-2-1	-	380-415	50	11.00		47	44	40	36	34	30	24	1	155
CV64-2	-	380-415	50	11.00		55	51	47	42	40	37	30	1	155
CV64-3-2	-	380-415	50	15.00		66	62	56	50	46	41	32	1	195
CV64-3-1	-	380-415	50	15.00		73	69	63	56	53	48	39	1	195
CV64-3	-	380-415	50	18.50		81	76	70	64	60	55	46	1	205
CV64-4-2	-	380-415	50	18.50		92	87	80	71	66	60	49	1	208
CV64-4-1	-	380-415	50	22.00		100	94	87	78	73	67	54	1	260
CV64-4	-	380-415	50	22.00	H.max (m)	107	101	94	85	80	74	61	1	260
CV64-5-2	-	380-415	50	30.00		119	113	105	95	89	80	64	1	345
CV64-5-1	-	380-415	50	30.00		128	121	112	102	96	87	71	1	345
CV64-5	-	380-415	50	30.00		136	129	119	109	103	94	78	1	345
CV64-6-2	-	380-415	50	30.00		147	140	130	118	112	101	81	1	350
CV64-6-1	-	380-415	50	37.00		157	149	138	125	118	108	88	1	370
CV64-6	-	380-415	50	37.00		164	156	145	132	125	115	95	1	370
CV64-7-2	-	380-415	50	37.00		176	167	156	140	133	121	99	1	375
CV64-7-1	-	380-415	50	37.00		185	176	163	147	140	128	106	1	375
CV64-7	-	380-415	50	45.00		193	183	170	155	147	135	112	1	435
CV64-8-2	-	380-415	50	45.00		204	194	181	164	155	142	116	1	440
CV64-8-1	-	380-415	50	45.00		214	203	189	170	162	149	123	1	440





VERTICAL MULTISTAGE PUMPS

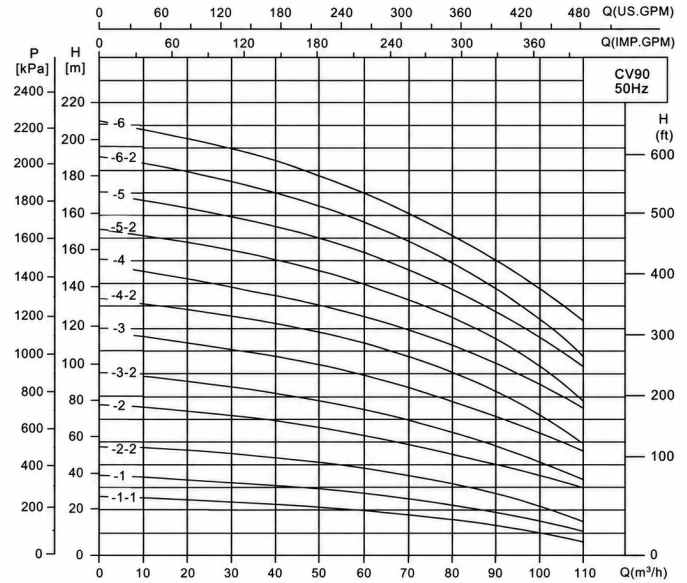
Application:

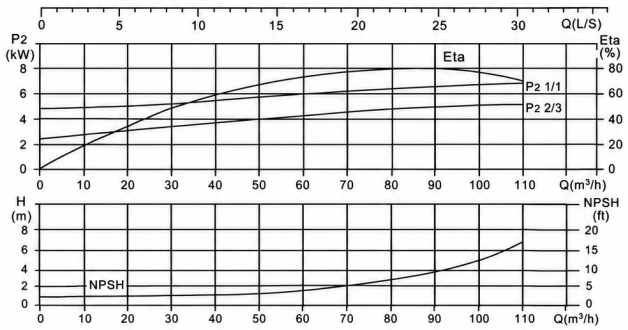
BUILDING FIRE FIGHTING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Q.max m³/h	50	60	70	80	85	90	100	110	MOQ pcs	N.W. kg
CV90-1-1	-	380-415	50	5.50		22	20	18	16	15	13	10	6	1	120
CV90-1	-	380-415	50	7.50		30	27	25	23	21	19	15	11	1	122
CV90-2-2	-	380-415	50	11.00		41	39	36	32	30	28	22	15	1	165
CV90-2	-	380-415	50	15.00		56	53	49	45	43	40	35	30	1	198
CV90-3-2	-	380-415	50	18.50		68	65	60	55	52	49	41	33	1	212
CV90-3	-	380-415	50	22.00	H.max (m)	83	79	73	67	64	61	54	47	1	265
CV90-4-2	-	380-415	50	30.00		98	93	87	80	76	72	62	50	1	348
CV90-4	-	380-415	50	30.00		110	105	100	92	88	84	75	65	1	348
CV90-5-2	-	380-415	50	37.00		126	120	113	105	100	95	83	68	1	375
CV90-5	-	380-415	50	37.00		140	133	126	117	113	107	95	83	1	375
CV90-6-2	-	380-415	50	45.00		155	148	139	129	124	118	104	87	1	438
CV90-6	-	380-415	50	45.00		168	160	151	141	135	130	117	103	1	438





HORIZONTAL MULTISTAGE PUMPS

TECH DETAILS

AMBIENT TEMPERATURE
-20°C ~ +104°C

POWER SUPPLY
Three phase: 3 x 380 ~ 415 V. 50 Hz
Single phase: 1 x 220 ~ 415 V. 50 Hz

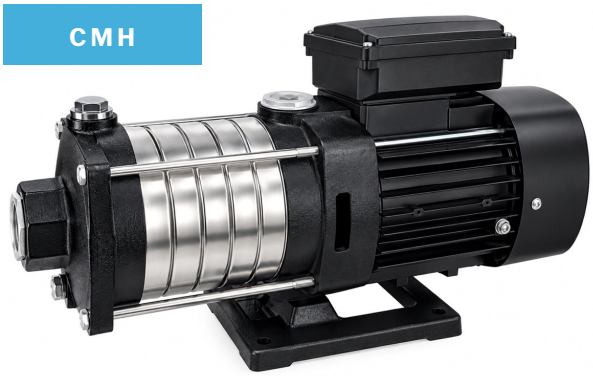
MAX. WORKING PRESSURE
1.0 Mpa

CM(H) 2 - 50 (T) - A - W - G - BABE

- CM(H): HORIZONTAL MULTISTAGE CENTRIFUGAL PUMP
- 2: RATED FLOW (m^3/h)
- 50: NUMBER OF STAGES × 10
- (T): SINGLE PHASE WITHOUT MARK THREE PHASE: T
- A: PUMP MODEL
- W: THE CONNECTION MODEL OF PIPELINE
- G: MATERIAL MODEL
- BABE: SHAFT CODE

CM

CMH



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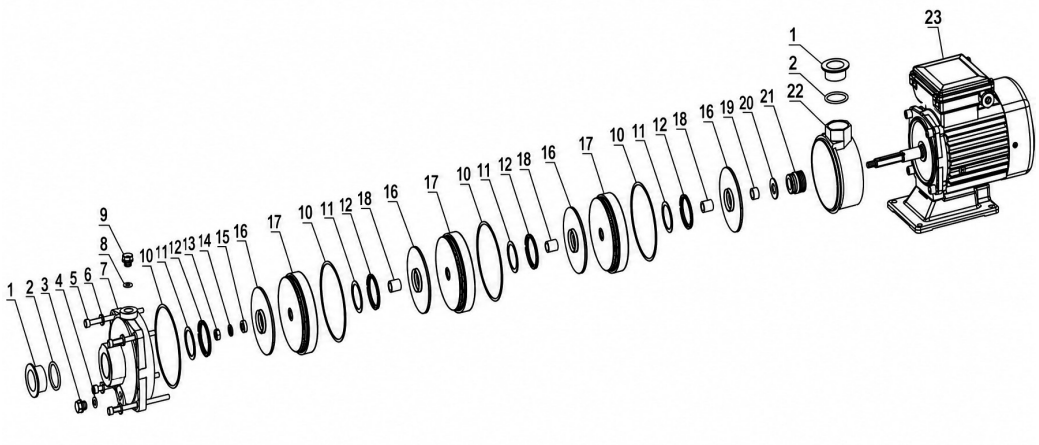


1 Dust Cap
2 O Ring
3 Plug
4 O Ring
5 Inside Hexagonal Bolt
6 Spring Washer
7 Inlet Section
8 O Ring
9 Plug
10 Seal Gasket
11 Impeller Seal Ring
12 Mouth Piece Outer Ring
13 Locked Nut
14 Spring Washer
15 Impeller Fix Ring
16 Impeller
17 Middle Section
18 Long Sleeve
19 Short Sleeve
20 Axes Washer
21 Mechanical Seal
22 Outlet Section
23 Motor

HORIZONTAL MULTISTAGE PUMPS

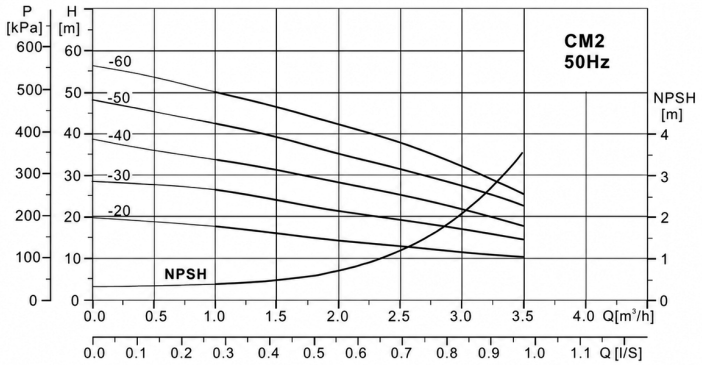
Application:

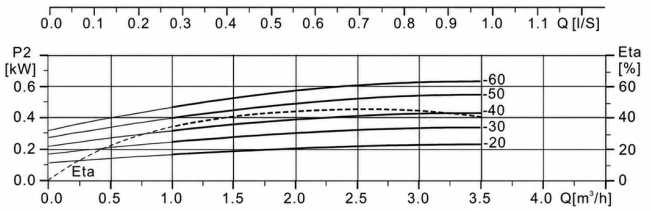
BUILDING DOMESTIC GARDENING INDUSTRIAL IRRIGATION

Certification:

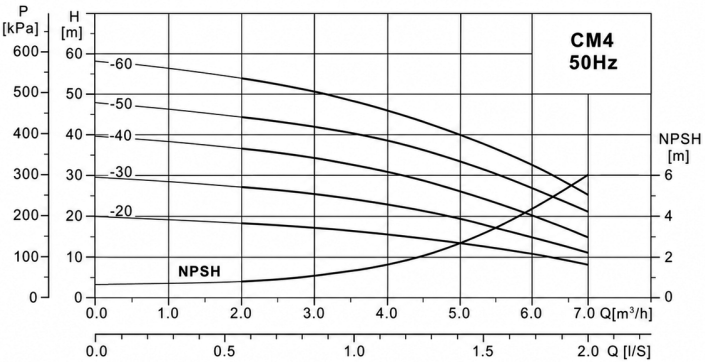
CE TÜV SÜD GS

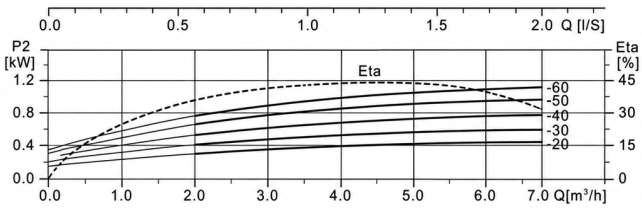
Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	1.0	1.5	2.0	2.5	3.0	3.5	N.W. kg
CM2-20(T)	220-240	380-415	50	0.37	H.max (m)	18	16	14	13	11	10	8.5
CM2-30(T)	220-240	380-415	50	0.37		27	24	21	20	17	14	9.0
CM2-40(T)	220-240	380-415	50	0.55		35	32	28	26	23	17	9.5
CM2-50(T)	220-240	380-415	50	0.55		43	40	35	33	28	22	9.5
CM2-60(T)	220-240	380-415	50	0.75		50	48	42	38	32	25	10.5





Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	2.0	3.0	4.0	5.0	6.0	7.0	N.W. kg
CM4-20(T)	220	380-415	50	0.55	H.max (m)	18	16	15	13	10	7	9.0
CM4-30(T)	220	380-415	50	0.75		27	25	22	19	15	10	10.0
CM4-40(T)	220	380-415	50	0.75		36	33	30	26	20	13	10.5
CM4-50(T)	220	380-415	50	1.00		44	41	38	32	26	20	11.0
CM4-60(T)	220	380-415	50	1.10		53	50	45	40	33	24	12.0





HORIZONTAL MULTISTAGE PUMPS

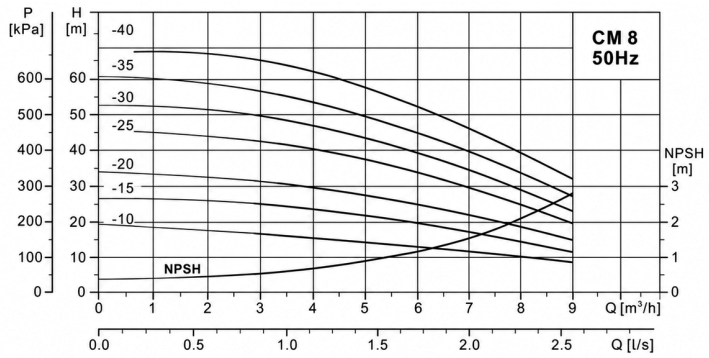
Application:

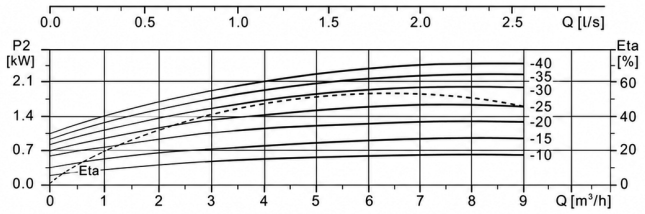
BUILDING DOMESTIC GARDENING INDUSTRIAL IRRIGATION

Certification:

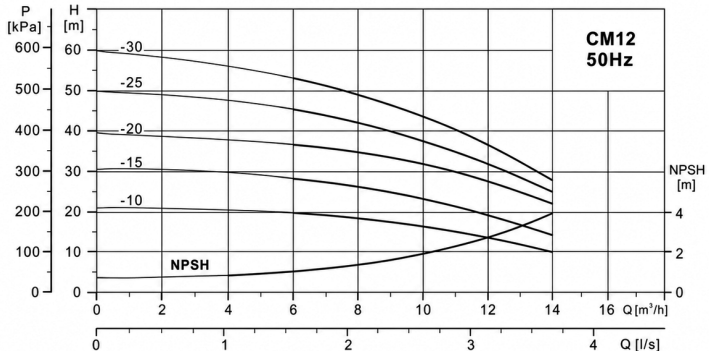
CE TÜV SÜD GS

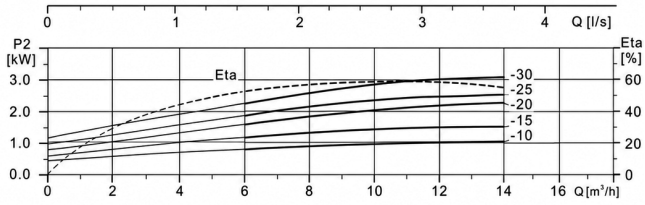
Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	4.0	5.0	6.0	7.0	8.0	9.0	10.0	N.W. kg
CM8-10(T)	220-240	380-415	50	0.55		15	14	13	12.5	12	9.0	8.0	12.0
CM8-15(T)	220-240	380-415	50	0.75		25	23	22	21	20	14	12	14.0
CM8-20(T)	220-240	380-415	50	1.00		32	29	27	25	24	21	17	17.0
CM8-25(T)	220-240	380-415	50	1.50	H.max (m)	43	40	38	34	27	25	20	19.0
CM8-30(T)	220-240	380-415	50	1.85		50	46	44	40	36	30	26	24.0
CM8-35(T)	220-240	380-415	50	2.20		56	51	48	44	43	35	28	25.0
CM8-40(T)	220-240	380-415	50	2.20		65	57.5	57	50	48	42	34	26.0





Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	6.0	8.0	10.0	11.0	12.0	13.0	14.0	N.W. kg
CM12-10(T)	220-240	380-415	50	1.00		19	17.5	15.5	14	13.5	12	10.5	13.0
CM12-15(T)	220-240	380-415	50	1.50		28	26	24	22	20	18	15	15.0
CM12-20(T)	220-240	380-415	50	1.85	H.max (m)	38	35	31	29	28	24	20	23.0
CM12-25(T)	220-240	380-415	50	2.20		47	43	39	36	33.5	30.5	27	25.0
CM12-30(T)	220-240	380-415	50	3.00		53.5	50	45	42	39	35	30	27.0





HORIZONTAL MULTISTAGE PUMPS

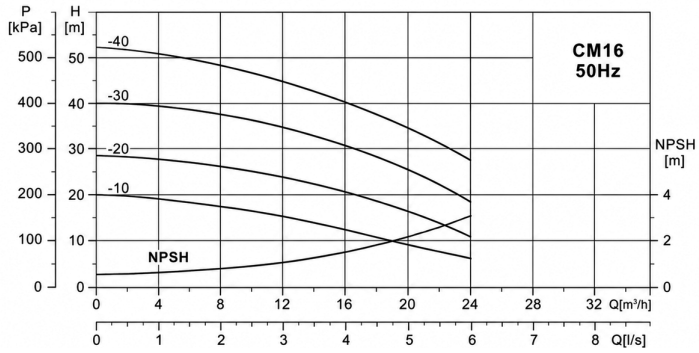
Application:

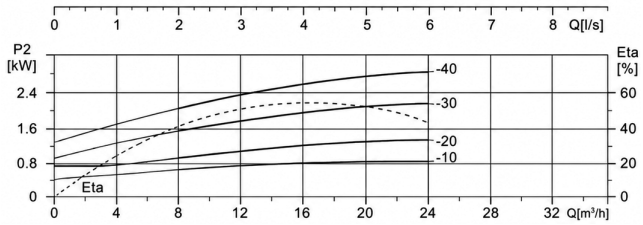
BUILDING DOMESTIC GARDENING INDUSTRIAL IRRIGATION

Certification:

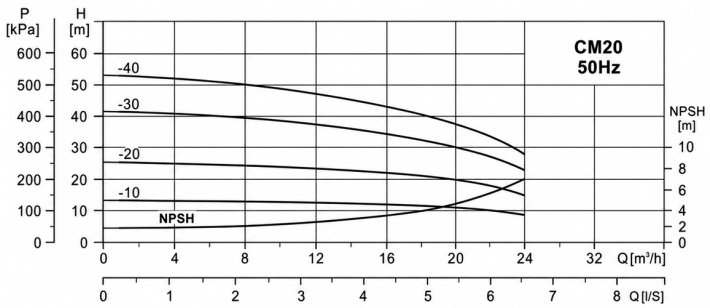
CE TÜV SÜD GS

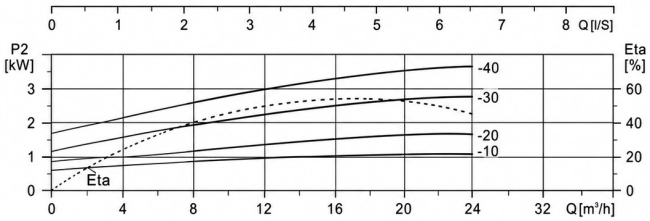
Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	8	10	12	14	16	18	20	22	24	N.W. kg
CM16-10(T)	220-240	380-415	50	1.00	H.max (m)	12	11.5	11	10.5	10	9	8	7	6	12.0
CM16-20(T)	220-240	380-415	50	1.50		24	23	22	21	20	19	16	14	12	18.0
CM16-30(T)	220-240	380-415	50	2.20		38	36	34	33	30	28	26	23	20	25.0
CM16-40(T)	220-240	380-415	50	3.00		50	48	46	44	40	38	36	32	28	28.0





Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Q.max m³/h	10.0	12.0	14.0	16.0	18.0	20.0	22.0	24.0	28.0	N.W. kg
CM20-10(T)	220-240	380-415	50	1.00	H.max (m)	13	12.5	12	11.5	11	10.5	10	9	7.5	14.0
CM20-20(T)	220-240	380-415	50	1.85		25	24	23	22	21	20	18	16	12	24.0
CM20-30(T)	220-240	380-415	50	3.00		39	38	36	35	33	31.5	30	27	21	28.0
CM20-40(T)	220-240	380-415	50	4.00		50	48	46	44	42	40	36	32	24	33.0





POOL & SPA EQUIPMENT

Reliable solutions for clean water, filtration and hydromassage applications.

SWIM PUMP

- Pool water circulation and filtration
- Residential & commercial pools
- Water treatment systems
- Waterfalls and water features
- Swimming and training pools

SAND FILTER

- Efficient filtration of pool water
- Suitable for residential and commercial pools
- Easy installation and maintenance
- Durable and reliable design

SPA PUMP

- SPA water circulation
- High-flow hydromassage jets
- Filtration and heating circuits
- Hot tubs and outdoor mini pools
- Hotels and wellness centres

HYDROMASSAGE PUMP

- Hydromassage jets
- Whirlpools and SPA
- Hot tubs and mini pools
- Hydrotherapy systems
- Wellness centres & hotels

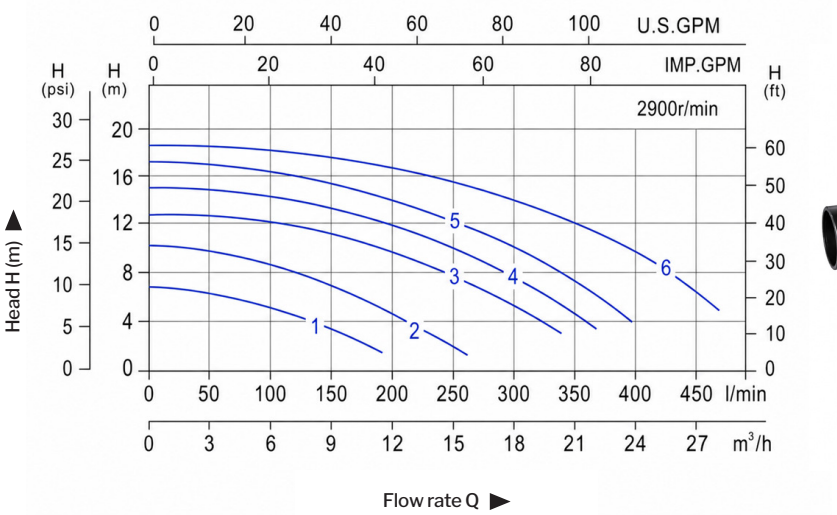
SWIMMING POOL PUMPS

Application:

MARICULTURE SWIMMING POOL

Certification:

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amps	H.max m	Q.max L/min	Inlet Size mm	Outlet Size mm	N.W. kg
SWIM S1-025	220-240	50	0.37	0.50	1.90	7.0	195	60.30 or 63.00	48.50 or 50	7.6
SWIM S1-035	220-240	50	0.55	0.75	2.70	10.0	255	60.30 or 63.00	48.50 or 50	8.7
SWIM S1-050	220-240	50	0.75	1.00	3.80	12.5	340	60.30 or 63.00	48.50 or 50	9.3
SWIM S1-075	220-240	50	0.90	1.20	4.60	15.0	370	60.30 or 63.00	48.50 or 50	10.5
SWIM S1-100	220-240	50	1.10	1.50	5.80	17.5	390	60.30 or 63.00	48.50 or 50	11
SWIM S1-150	220-240	50	1.50	2.00	7.00	18.5	470	60.30 or 63.00	48.50 or 50	11.8



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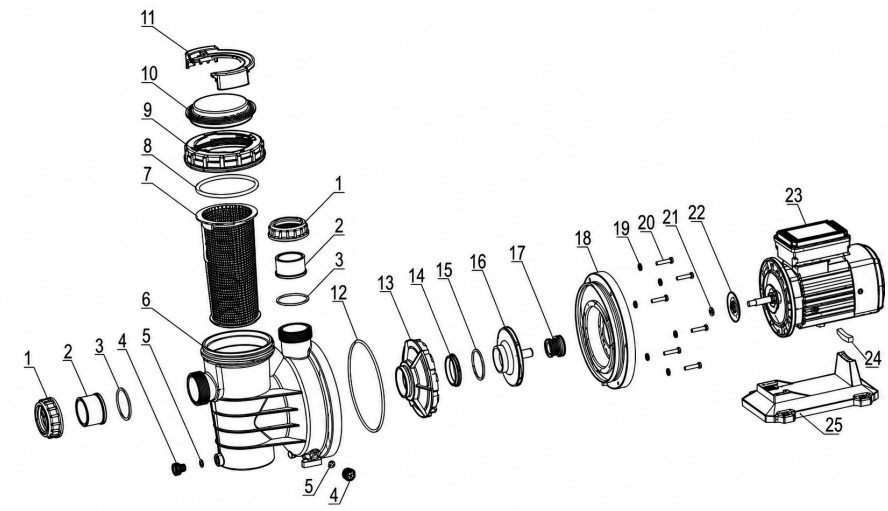


1 Tie-In Nut
2 Tie
3 O Ring
4 Drainage Plug
5 O Ring
6 Pump Casing
7 Filter
8 O Ring
9 Glad Cover of Transparent Cover
10 Trasparent Cover
11 Open Cover Hand
12 O Ring
13 Diffuser
14 Activities Rings
15 O Ring
16 Impeller
17 Mechanical Seal
18 Pump Cover
19 Pad
20 Hexagon Bolt
21 O Ring
22 Retaining Ring
23 Motor
24 Plastic Strips
25 Base

HYDROMASSAGE BATHTUB PUMPS

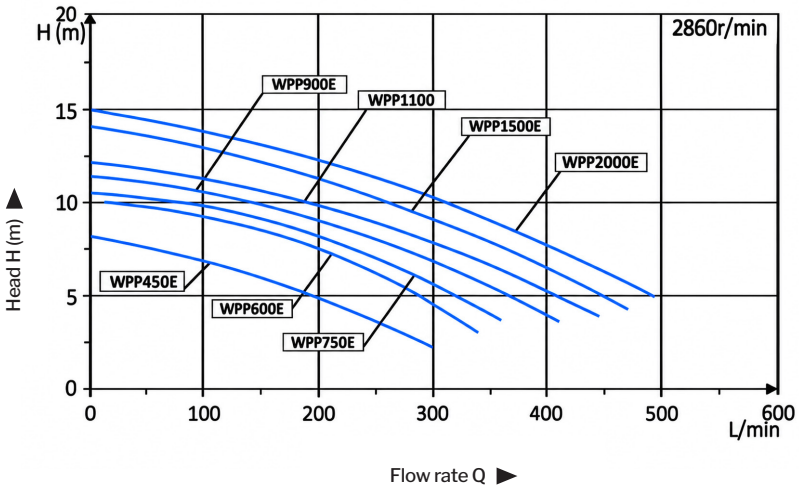
Application:

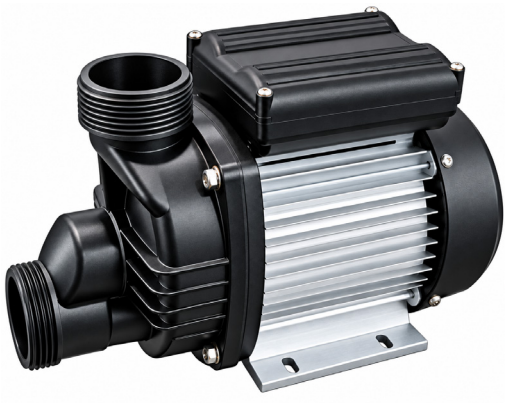
SPA JACUZZI

SWIMMING POOL

Certification:

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amps	H.max m	Q.max L/min	Fitting size mm	N.W. kg
WPP450E	220-240	50	0.45	0.60	1.95	8.0	290	48.50 or 50	5.2
WPP600E	220-240	50	0.60	0.80	2.60	9.8	320	48.50 or 50	5.8
WPP750E	220-240	50	0.75	1.00	3.25	10.8	360	48.50 or 50	6.2
WPP900E	220-240	50	0.90	1.20	3.90	11.6	400	48.50 or 50	6.5
WPP1100E	220-240	50	1.10	1.50	4.75	12.0	440	48.50 or 50	7.5
WPP1500E	220-240	50	1.50	2.00	6.50	14.5	450	48.50 or 50	8.5
WPP2000E	220-240	50	2.00	2.70	8.70	15.0	500	48.50 or 50	9.3





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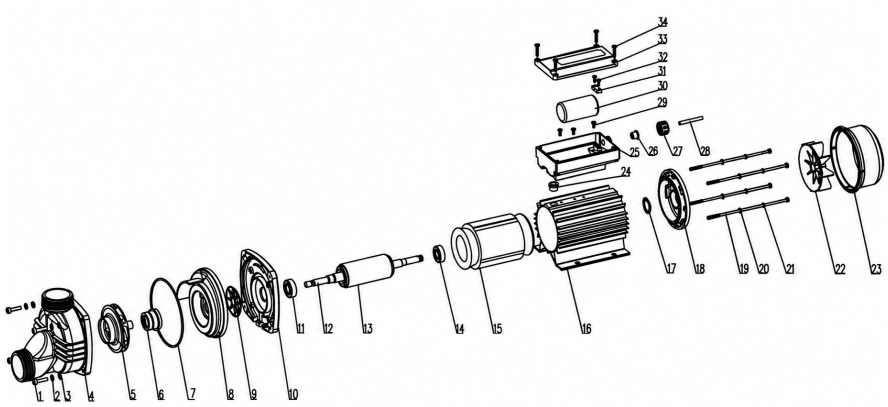


1 Screw
2 Washer
3 Flat Washer
4 Pump Body
5 Impeller
6 Mechanical Seal
7 O Ring
8 Bracket Cover
9 Water Deflector Ring
10 Front Cover
11 Bearing
12 Shaft
13 Rotor
14 Bearing
15 Stator
16 Chassis
17 Spring Ring
18 Rear Cover
19 Screw
20 Flat Washer
21 Spring Washer
22 Fan
23 Fan Cover
24 Cable Protector
25 Terminal Block
26 Cable outlet
27 Nut
28 Motor wire
29 Screw
30 Capacitor
31 Line Pressing Fast
32 Screw
33 Terminal Cover
34 Screw

SPA PUMPS

Application:

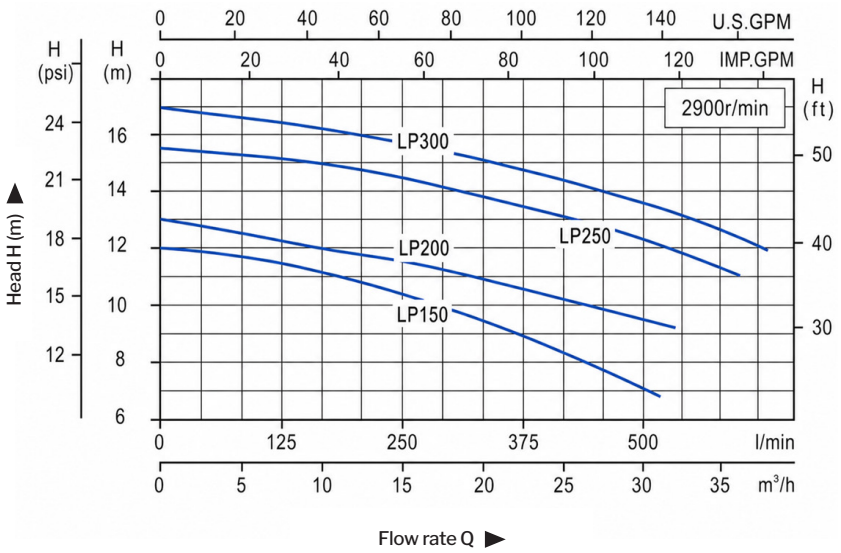
SPA JACUZZI

SWIMMING POOL

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amps	H.max m	Q.max L/min	Fitting size mm	N.W. kg
LP150	220-240	50	1.10	1.50	5.8	12.0	520	60.3 or 63	11
LP200	220-240	50	1.50	2.00	7.0	13.0	535	60.3 or 63	11.7
LP250	220-240	50	1.85	2.50	8.0	15.5	600	60.3 or 63	14.5
LP300	220-240	50	2.20	3.00	10.0	17.0	635	60.3 or 63	15.3



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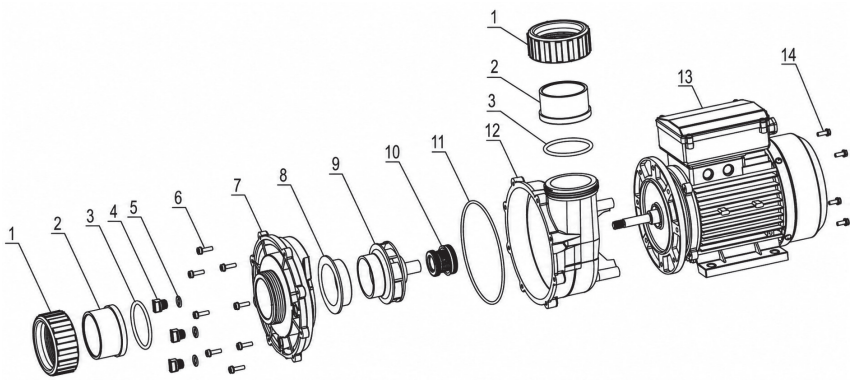


1 Tie-in Nut
2 Tie
3 O Ring
4 Plug
5 O Ring
6 Cross Slotted Cylinder Head with Set Screw
7 Pump Cover
8 Impeller Activity Ring
9 Impeller
10 Mechanical Seal
11 O Ring
12 Pump Body
13 Motor
14 Hexangon Head Bolt and Plain Washer Assembly

HIGH PRESSURE PLUNGER PUMPS

Reliable solutions for professional cleaning, industrial applications and equipment integration.

COMPACT SERIES

Compact and lightweight solution for small and medium-duty applications.

- Compact design
- Lightweight and easy to install
- Ideal for small and medium-duty applications
- Reliable performance

STANDARD SERIES

Versatile performance for professional cleaning and industrial use.

- Wide range of applications
- Suitable for professional cleaning systems
- Robust and reliable
- Easy maintenance

HIGH-PRESSURE SERIES

Designed for demanding applications with higher pressure requirements.

- High-pressure capability
- Industrial applications
- Process and equipment cleaning
- Durable construction

HIGH-FLOW SERIES

Higher flow for continuous operation and heavy-duty cleaning tasks.

- High flow rate
- Continuous operation
- Heavy-duty cleaning
- Suitable for industrial and municipal use

INTEGRATED SERIES

Pump and electric motor for direct drive applications and easy integration.

- Complete and integrated solution
- Direct drive
- Compact and efficient setup
- Ideal for equipment integration

HIGH PRESSURE PLUNGER PUMPS

Application:

FIRE FIGHTING

WASHING

Certification:

CE

Model	Max. Flow		Max. Pressure		Power Input	Power Speed	Diameter	Key	N.W.
	Gpm	Lpm	Psi	Bar	kW	rpm	(mm)	kg	kg
DBC-1507B	2.7	10.4	2700	186	4.0	2860	24	8.0	7.7
DBC-1514B	2.8	10.7	3400	235	5.5	1450	24	8.0	7.7

TECH DETAILS

MANIFOLD
H59 brass forged, integrated with unloader
Available also Stainless Steel
and with Nickel Plated

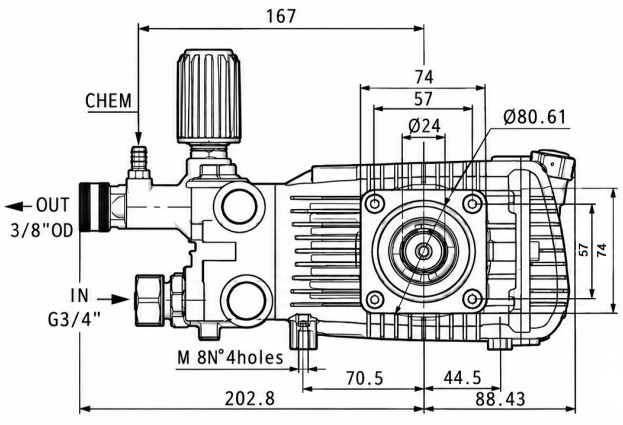
CRANKCASE
Die-cast aluminum alloy, anodized

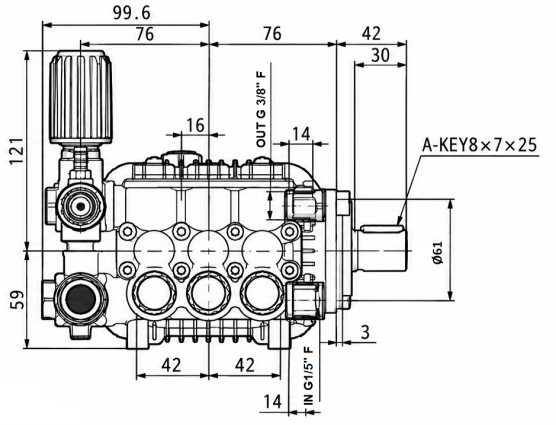
PLUNGER
Solid Stainless Steel, ceramic coating
Available also solid ceramic

CHECKING VALVE
High volumetric efficiency,
spherical sealing, plastic cage

SEALS AND BEARINGS
High-Low pressure dual water seals
Ball bearing and needle roller bearing

OPTIONALS
Thermal Relief Valve
Pressure Gauge
Pump Oil 15W40
Pressure Safety Valve
High Pressure Turning Valve





HIGH PRESSURE PLUNGER PUMPS

Application:

FIRE FIGHTING

WASHING

Certification:

CE

Model	Max. Flow		Max. Pressure		Power Input	Power Speed	Diameter	Key	N.W.
	Gpm	Lpm	Psi	Bar	kW	rpm	(mm)	kg	kg
DBD-1814B	4.1	15.5	3600	248	7.5	1450	24	8.0	9.5
DBD-2014B	5.0	19.0	2900	201	7.5	1450	24	8.0	9.5

TECH DETAILS

MANIFOLD
H59 brass forged, integrated with unloader
Available also Stainless Steel
and with Nickel Plated

CRANKCASE
Die-cast aluminum alloy, anodized

PLUNGER
Solid Stainless Steel, ceramic coating
Available also solid ceramic

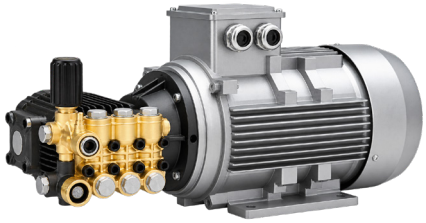
CHECKING VALVE
High volumetric efficiency,
spherical sealing, plastic cage

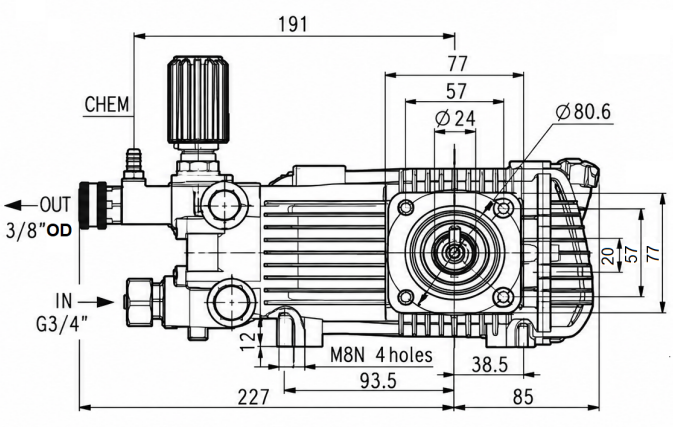
CRANKSHAFT
Forged steel alloy, geat treatment,
multiple grinding

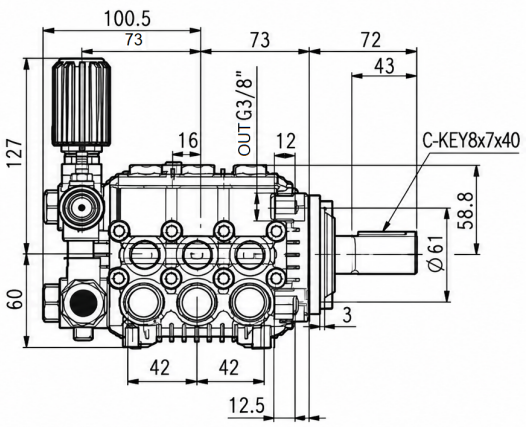
SEALS AND BEARINGS
High-Low pressure dual water seals
Ball bearing and needle roller bearing

OPTIONALS
Thermal Relief Valve
Pressure Gauge
Pump Oil 15W40
Pressure Safety Valve
High Pressure Turning Valve

WITH INDUCTION MOTOR PUMP SET - 7.5kW THREE PHASE







HIGH PRESSURE PLUNGER PUMPS

Application:

FIRE FIGHTING

WASHING

Certification:

CE

Model	Max. Flow		Max. Pressure		Power Input	Power Speed	Diameter	Key	N.W.
	Gpm	Lpm	Psi	Bar	kW	rpm	(mm)	kg	kg
DBQ-25146B	8.2	31.0	1740	120	7.5	1450	24	8	10

TECH DETAILS

MANIFOLD
H59 brass forged, integrated with unloader
Available also Stainless Steel
and with Nickel Plated

CRANKCASE
Die-cast aluminum alloy, anodized

PLUNGER
Solid Stainless Steel, ceramic coating
Available also solid ceramic

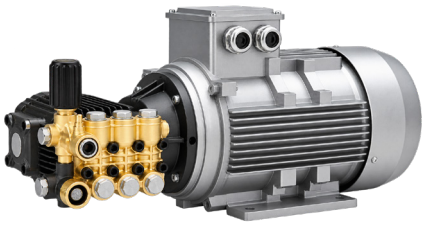
CHECKING VALVE
High volumetric efficiency,
spherical sealing, plastic cage

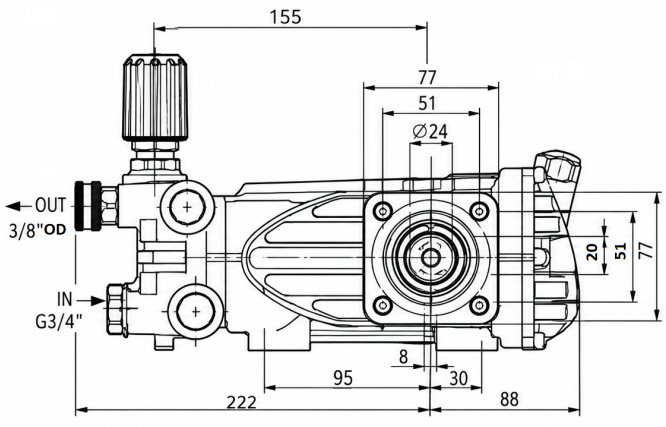
CRANKSHAFT
Forged steel alloy, geat treatment,
multiple grinding

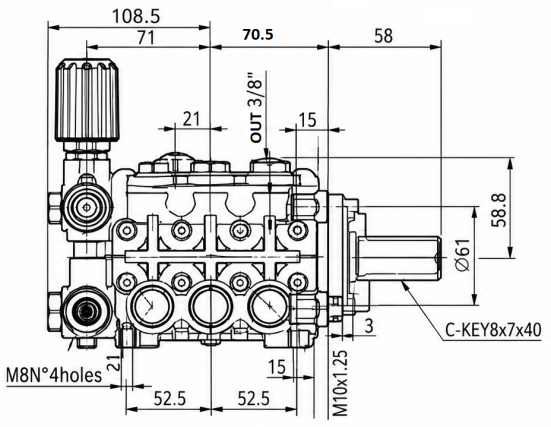
SEALS AND BEARINGS
High-Low pressure dual water seals
Ball bearing and needle roller bearing

OPTIONALS
Thermal Relief Valve
Pressure Gauge
Pump Oil 15W40
Pressure Safety Valve
Hot Water Seal Kit

WITH INDUCTION MOTOR PUMP SET - 7.5kW THREE PHASE







SUBMERSIBLE PUMPS

Reliable solutions for drainage, dewatering and wastewater applications.

SUBMERSIBLE DRAINAGE PUMPS

For clean and slightly contaminated water.

- Building drainage
- Flood control
- Tanks and sumps
- Ponds and lakes
- General drainage

KS / KSM SERIES SUBMERSIBLE PUMPS

For clean water and demanding dewatering applications.

- Civil engineering
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes

FSM SERIES HEAVY-DUTY SUBMERSIBLE PUMPS

For heavy-duty drainage with muddy and sandy water.

- Construction sites
- Muddy and sandy water
- Flood and emergency drainage
- Quarries and mining
- Industrial drainage

SUBMERSIBLE GRINDER PUMPS

With cutting system for wastewater containing solids and fibrous materials.

- Sewage and wastewater
- Fibrous solids grinding
- Residential and commercial buildings
- Industrial and agricultural effluents

SUBMERSIBLE SEWAGE PUMPS

Designed for wastewater and dirty water applications, with high solids handling capacity.

- Sewage and wastewater
- Lifting stations
- Suspended solids handling
- Wastewater treatment

SUBMERSIBLE DEWATERING PUMPS

Application:

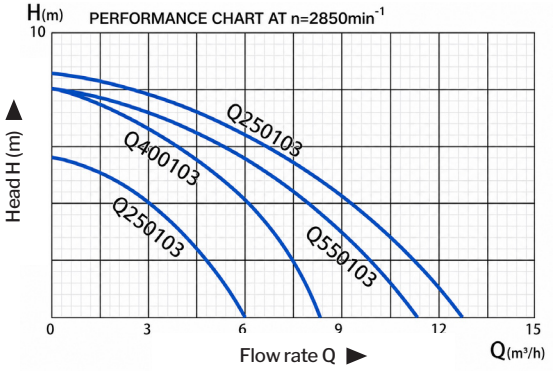
BUILDING INDUSTRIAL WATER PUMP OUT

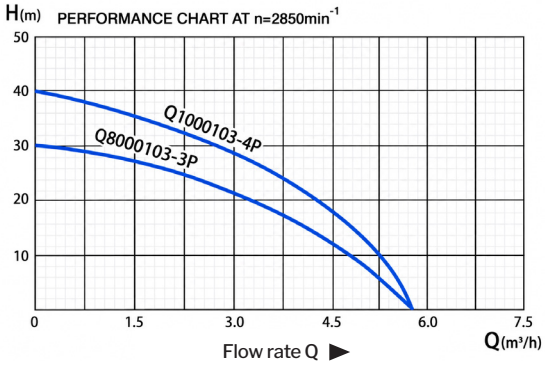
Certification:

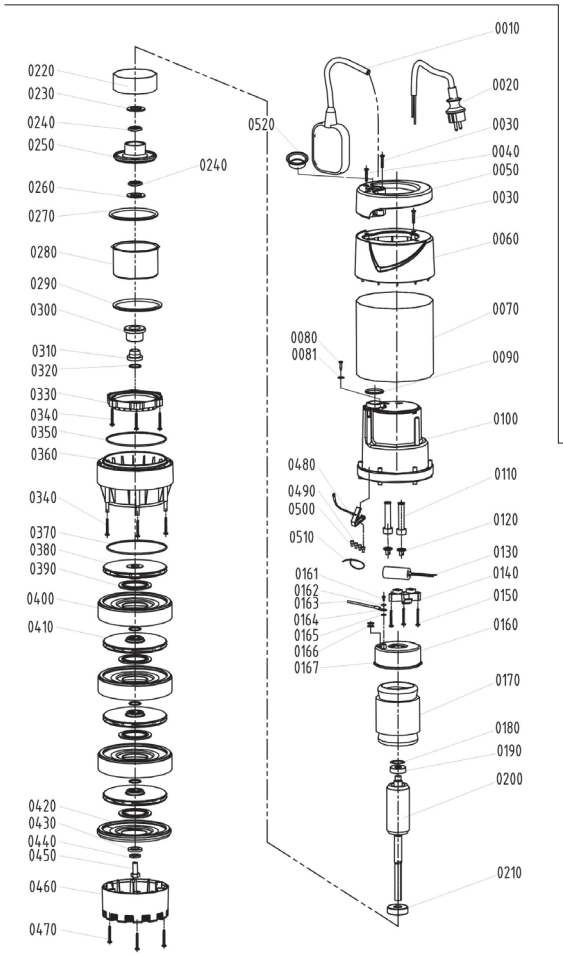
CE

Model	Voltage	Freq.	Power		Current	H.max	Q.max	Inlet & Outlet Size	N.W.
		Hz	KW	HP	Amps	m	L/min	inch	kg
Q250103	220	50	0.25	0.33	1.20	5.5	6	G1" - G1-1/4"	4.40
Q400103	220	50	0.40	0.50	1.70	8.0	8	G1" - G1-1/4"	4.60
Q550103	220	50	0.60	0.80	2.30	8.0	11	G1" - G1-1/4"	5.60
Q750103	220	50	0.80	1.00	2.60	8.5	12.5	G1" - G1-1/4"	5.80
Q800103-3P	220	50	0.80	1.10	3.80	30.0	5.5	G1"	8.30
Q1000103-4P	220	50	1.00	1.30	5.20	40.0	5.5	G1"	9.00

Awailable also for dirty water







Description:

0010 Floater Switch
0020 Cable
0030 Tapping Screw
0040 Tapping Screw
0050 Handle
0060 Tapping Screw
0070 End Cap
0080 Steel Housing
0090 O-Ring
0100 Rear Pump Shell
0110 Cable Sheath
0120 Cable Lock Block
0130 Capacitor 35 uf
0140 Cable Lock Block
0150 Sp. Tapping Screw
0160 Alu rear cover
0161 Screw
0162 Elastic Gasket
0163 Yellow Green Line
0164 Blade Terminal
0165 Gasket
0166 Lead Sheath
0167 Clamping Ring
0170 Stator
0180 Corrugated Gasket
0190 Bearing
0200 Rotor
0210 Bearing
0220 Spacer
0230 Adjustable Gasket
0240 Skeleton Sealing
0250 Lower Bearing Block
0260 Gasket
0270 O-Ring
0280 Front Cover
0290 O-Ring
0300 Mechanical Sealing
0310 Shaft Sleeve
0320 O-Ring
0330 End Ring
0340 Tapping Screw
0350 O-Ring
0360 Main Pump Shell
0370 Tapping Screw
0380 O-Ring
0390 Impeller
0400 Plastic Mat
0410 Guide Disk
0420 Impeller
0430 Guide Disk Cover
0440 Flat Gasket
0450 Elastic Gasket
0460 Hexagon Bolt
0470 Base
0480 Tapping Screw
0490 Nylon close-end wire
0500 Nylon close-end wire
0510 Ribbon

SUBMERSIBLE DREINAGE PUMPS

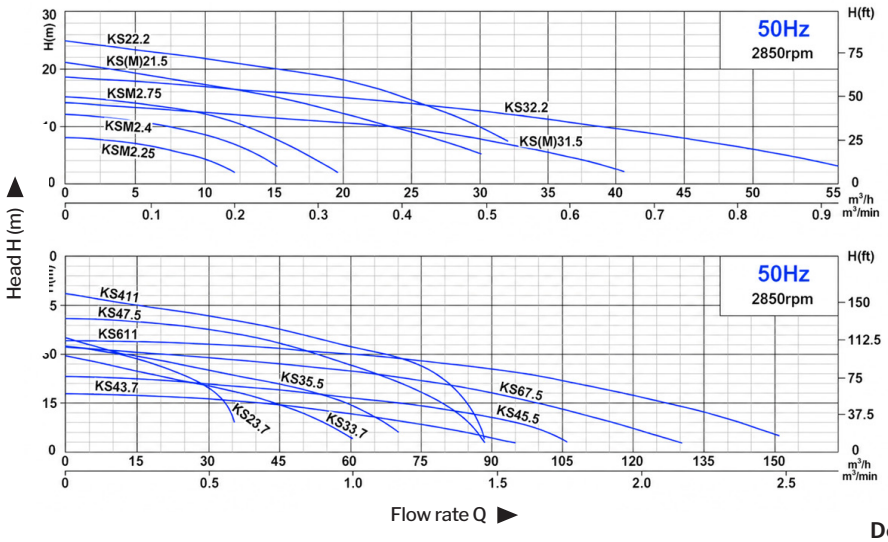
Application:

BUILDING INDUSTRIAL WATER PUMP OUT

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amps	H.max m	Q.max L/min	Inlet Size mm	Outlet Size mm	N.W. kg
KSM2.75(F)	220-240	50	0.75	1.00	5.00	15	19.5	50	6.00	17.0
KSM21.5(F)	220-240	50	1.50	2.00	10.00	21	30	50	8.50	37.0
KSM31.5(F)	220-240	50	1.50	2.00	10.00	14	42	80	8.50	37.0
KS21.5(F)	380-400	50	1.50	2.00	3.50	21	30	50	8.50	37/39
KS31.5(F)	380-400	50	1.50	2.00	3.50	14	42	80	8.50	37/39
KS22.2(F)	380-400	50	2.20	3.00	5.00	25	32	20	8.50	40/42
KS32.2(F)	380-400	50	2.20	3.00	5.00	18.5	55	80	8.50	40/42
KS23.7(F)	380-400	50	3.70	5.00	7.70	32	36	50	8.50	58/60
KS33.7(F)	380-400	50	3.70	5.00	7.70	29	60	80	8.50	58/60
KS43.7(F)	380-400	50	3.70	5.00	7.70	18	95	100	8.50	59/61
KS35.5(F)	380-400	50	5.50	7.50	11.40	35	72	80	8.50	66/68
KS45.5(F)	380-400	50	5.50	7.50	11.40	23	105	100	8.50	67/69
KS47.5	380-400	50	7.50	10.00	15.00	41	88	100	11.50	108.0
KS67.5	380-400	50	7.50	10.00	15.00	32	130	150	19.50	110.0
KS411	380-400	50	11.00	15.00	22.00	48.5	86.4	100	11.50	123.0
KS611	380-400	50	11.00	15.00	22.00	34	150	150	19.50	125.0



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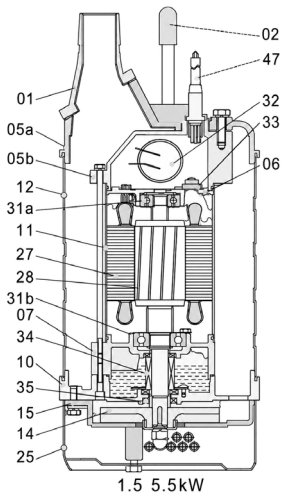


01	Hose Coupling	Cast Iron
02	Handle	Rubber & Steel
05a	Upper Cover	Cast Iron
05b	Upper Cover	Cast Iron
06	Up-Bearing House	Cast Iron
07	Bearing House	Cast Iron
10	Seal Bracket	Cast Iron
11	Motor Casing	Stainless Steel
12	Outer Casing	Stainless Steel
14	Impeller	High Chrome Alloy
15	Diffuser	Ductile Iron
25	Strainer	Steel
27	Stator	
28	Rotor	Shaft: AISI420SS
31a	Bearing	Ball Bearing
31b	Bearing	Ball Bearing
32	Capacitor	
33	Motor Protector	
		Sic-Sic/Carbon-Sic (≤2,2kW)
34	Mechanical Seal	Sic-Sic/Sic-Sic (3.7-5.5 kW)
35	Oil Seal	
47	Cable	H07RN-F

SUBMERSIBLE DREINAGE PUMPS

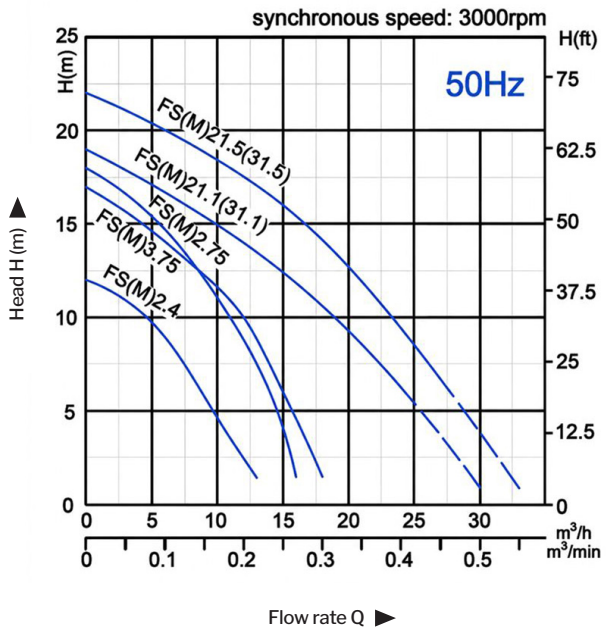
Application:

BUILDING INDUSTRIAL WATER PUMP OUT

Certification:

CE

Model	Voltage 1~	Voltage 3~	Freq. Hz	Power KW	Power HP	Current (Amps) 1~	Current (Amps) 3~	H.max m	Q.max L/min	Inlet Size mm	Outlet Size mm	N.W. kg
FS(M)2.4(F)	220-240	380-400	50	0.40	0.55	3.00	1.30	12	12.6	50	6.00	13.5
FS(M)2.75(F)	220-240	380-400	50	0.75	1.00	5.00	2.00	18	16	50	6.00	16.5
FS(M)3.75(F)	220-240	380-400	50	0.75	1.00	5.00	2.00	17	18	50	6.00	18.0



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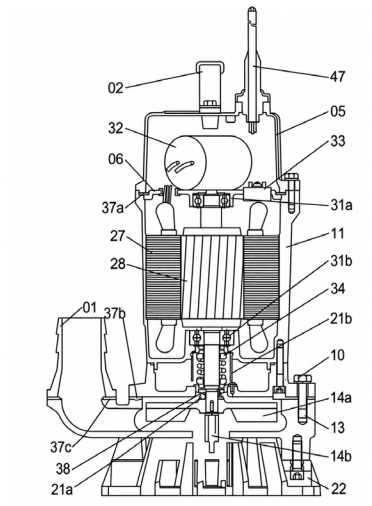


01	Hose coupling	Cast Iron
02	Handle	Rubber & Steel
05	Upper cover	Aluminum Die Casting
06	Up-Bearing house	Cast Iron
10	Seal house	Cast Iron
11	Motor body	Aluminum Die Casting
13	Pump body	Cast Iron
14a	Impeller	Ductile Iron
14b	Agitator	Stainless Steel
21a	Sand guard	NBR
21b	Oil riser	LDPE
22	Seat assembly	PU
27	Stator	
28	Rotor	Shaft: AISI420SS
31a	Bearing	Ball Bearing
31b	Bearing	Ball Bearing
32	Capacitor	
33	Motor protection	
34	Mechanical seal	Ceramic-Sic/Carbon-Ceramic
37a	Gasket	NBR
37b	Gasket	NBR
37c	Gasket	NBR
38	Shaft sleeve	AISI420SS
47	Cable	H07RN-F

SUBMERSIBLE GRINDER PUMPS

TECH DETAILS

INSULATION CLASS
F

PROTECTION CLASS
IP68

WATER TEMPERATURE
Up to 40°C

PH
6 to 10

POWER SUPPLY
Three phase: 380v ± 10. 50 Hz
Single phase: 220v ± 10%. 50 Hz
(≤ 1.1 Kw)

MOTOR PROTECTION
Built in

MAX. IMMERSION DEPTH
10 m

CABLE LENGHT
8 m

50 X 2 1.5 S F – R(Y-Z)

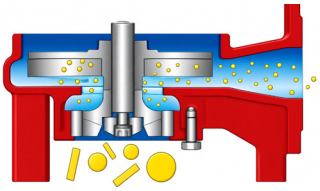
- 50 — DISCHARGING HOSE INNER IAMETER (mm)
- X — SUBMERSIBLE PUMP SERIES INCLUDING B\U\C\G\Z
- 2 — NUMBER OF POLE-PAIRS FOR MOTOR 2 = 2 poles. 4 = 4 poles
- 1.5 — MOTOR POWER (kW)
- S — SINGLE PHASE WITHOUT (S): THREE PHASE
- F — FLOATING SWITCH
- R(Y-Z) — R: MOVABLE SOFT PIPE INSTALLATION; Y: HARD PIPE INSTALLATION; Z: AUTO-COUPLED INSTALLATION (there could be no "R" for r type)

Available with:

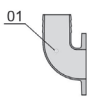
Hose Coupling
(only for 0.5-1.1kw)

Float Switch

Impeller:

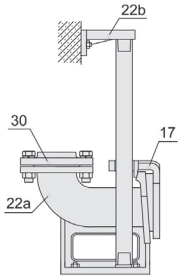


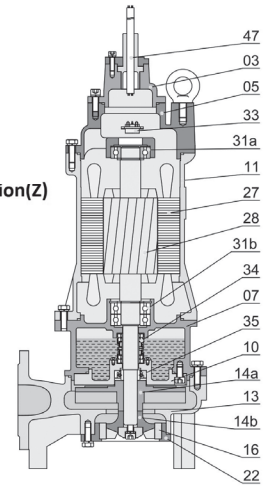
Movable Soft Pipe Installation(R)



Hard Pipe Installation(Y)

Auto-coupled Installation(Z)





Description:

01	Hose Coupling	Cast Iron
01a	Hose Coupling	Cast Iron
03	Terminal Box	Cast Iron
05	Upper Cover	Cast Iron
07	Bearing House	Cast Iron
10	Seal Bracket	Cast Iron
11	Motor Body	Cast Iron
13	Pump Body	Cast Iron
14a	Impeller	Cast Iron
14b	Rotational Blade	High chrome alloy
16	Stationary Blade	High chrome alloy
17	Coupling Adapter	Cast Iron
22	Seat Aassembly	Cast Iron
22a	Coupling Seat	Cast Iron
22b	Upper guide supoort	Cast Iron
27	Stator	
28	Rotor	
30	Flange	Shaft: AISI304SS
31a	Bearing	Cast iron
31b	Bearing	Ball bearing
33	Motor protector	Ball bearing
34	Mechanical seal	Sic-Sic/Carbon-Ceramic
35	Oil seal	
47	Cable	

SUBMERSIBLE PUMPS
GRINDER PUMPS

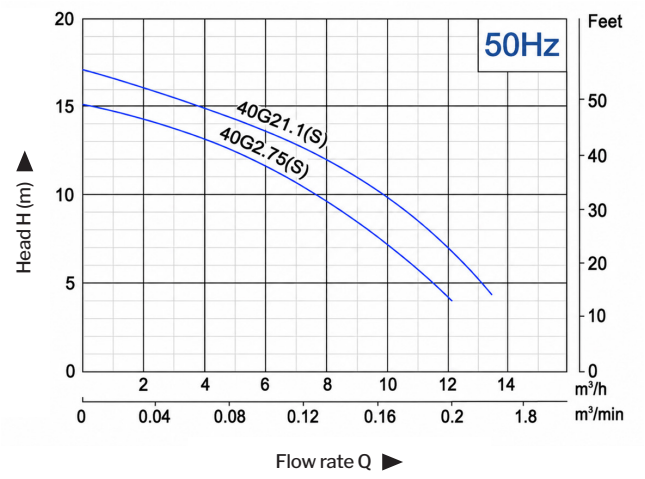
Application:

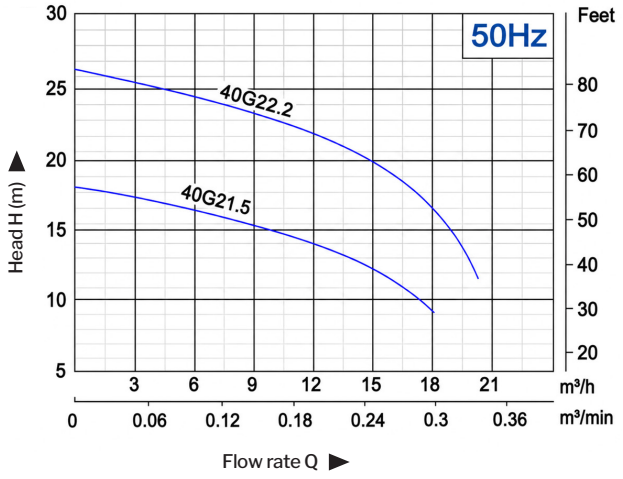
BUILDING INDUSTRIAL WATER PUMP OUT

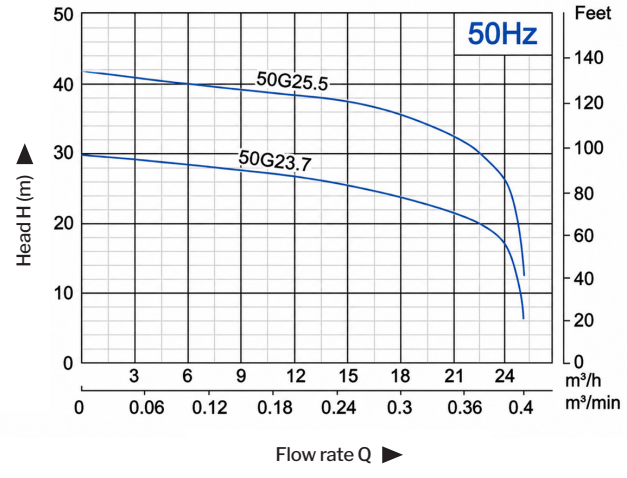
Certification:

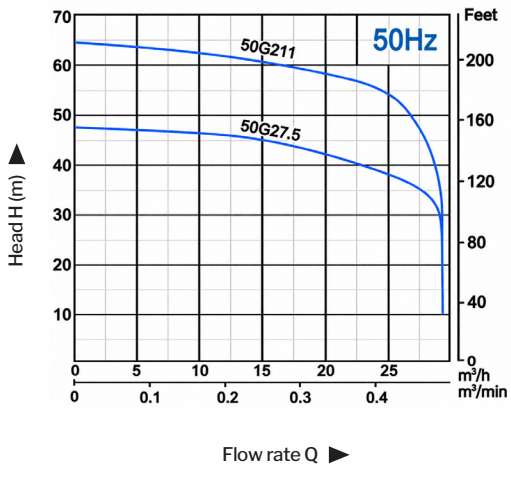
CE

Model	Voltage 1~	Voltage 3~	Frequency Hz	Power KW	Power HP	Current Amp 1~	Current Amp 3~	H.max m	Q.max L/min	Outlet mm	Liq. density g/cm³	Cable g/cm³	N.W. kg
40G2.75	220	380	50	0.75	1.00	5.20	2.00	15	12	40	1.30	1.00	25.0
40G21.1	220	380	50	1.10	1.50	7.20	2.80	17	13	40	1.30	1.00	26.5
40G21.5	-	380	50	1.50	2.00	-	3.20	18	18	40	1.30	1.00	37.5
40G22.2	-	380	50	2.20	3.00	-	5.00	26	20	40	1.30	1.00	40.5
50G23.7	-	380	50	3.70	5.00	-	8.50	30	25	50	1.30	1.50	51.0
50G25.5	-	380	50	5.50	7.50	-	11.70	42	25	50	1.30	2.50	67.0
50G27.5	-	380	50	7.50	10.00	-	15.70	47	29	50	1.30	2.50	86.0
50G211	-	380	50	11.00	15.00	-	22.00	64	29	50	1.30	4.00	93.0









SUBMERSIBLE SEWAGE PUMPS

TECH DETAILS

INSULATION CLASS
F

PROTECTION CLASS
IP68

WATER TEMPERATURE
Up to 40°C

PH
6 to 10

POWER SUPPLY
Three phase: 380v ± 10. 50 Hz
Single phase: 220v ± 10%. 50 Hz
(≤ 1.1 Kw)

MOTOR PROTECTION
Built in

MAX. IMMERSION DEPTH
10 m

CABLE LENGHT
8 m

50 X 2 1.5 S F – R(Y-Z)

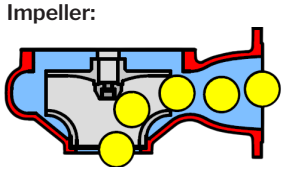
- 50: DISCHARGING HOSE INNER IAMETER (mm)
- X: SUBMERSIBLE PUMP SERIES INCLUDING B\U\C\G\Z
- 2: NUMBER OF POLE-PAIRS FOR MOTOR 2 = 2 poles. 4 = 4 poles
- 1.5: MOTOR POWER (kW)
- S: SINGLE PHASE WITHOUT (S): THREE PHASE
- F: FLOATING SWITCH
- R(Y-Z): R: MOVABLE SOFT PIPE INSTALLATION; Y: HARD PIPE INSTALLATION; Z: AUTO-COUPLED INSTALLATION (there could be no "R" for r type)

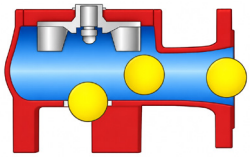
Available with:

Hose Coupling
(only for 0.5-1.1kw)

Float Switch

Impeller:



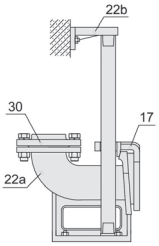


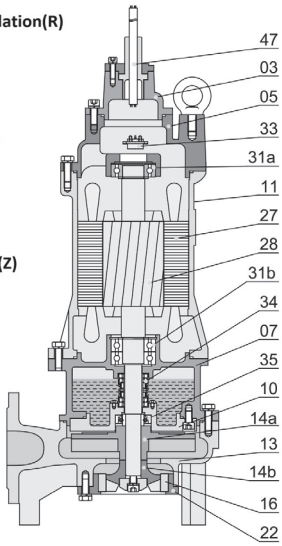
Description:

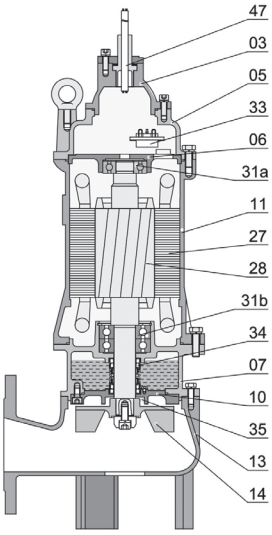
Movable Soft Pipe Installation(R)

Hard Pipe Installation(Y)

Auto-coupled Installation(Z)







01	Hose Coupling	Cast Iron
01a	Hose Coupling	Cast Iron
03	Terminal Box	Cast Iron
05	Upper Cover	Cast Iron
07	Bearing House	Cast Iron
10	Seal Bracket	Cast Iron
11	Motor Body	Cast Iron
13	Pump Body	Cast Iron
14a	Impeller	Cast Iron
14b	Rotational Blade	High Chrome Alloy
16	Stationary Blade	High Chrome Alloy
17	Coupling Adapter	Cast Iron
22	Seat Assembly	Cast Iron
22a	Coupling Seat	Cast Iron
22b	Upper Guide Supoort	Cast Iron
27	Stator	
28	Rotor	
30	Flange	Shaft: Aisi304ss
31a	Bearing	Cast Iron
31b	Bearing	Ball Bearing
33	Motor Protector	Ball Bearing
34	Mechanical Seal	Sic-Sic/Carbon-Ceramic
35	Oil Seal	
47	Cable	

SUBMERSIBLE PUMPS
SEWAGE PUMPS

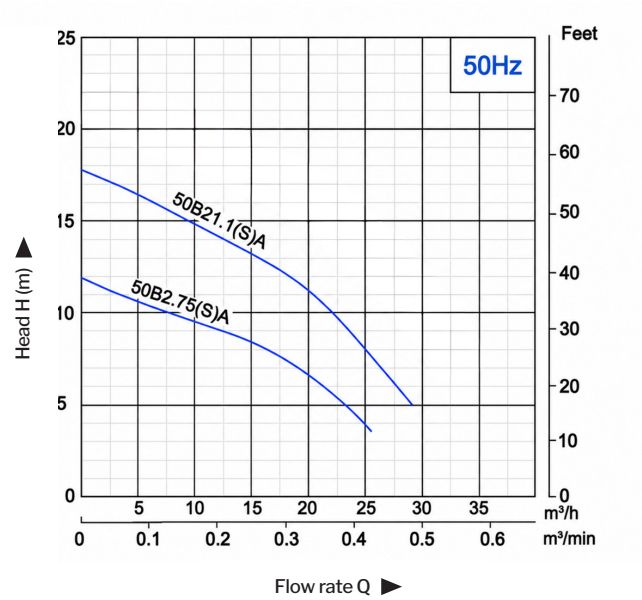
Application:

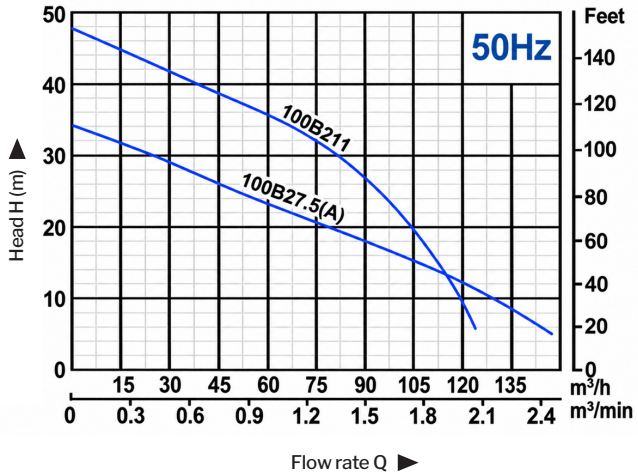
BUILDING INDUSTRIAL WATER PUMP OUT

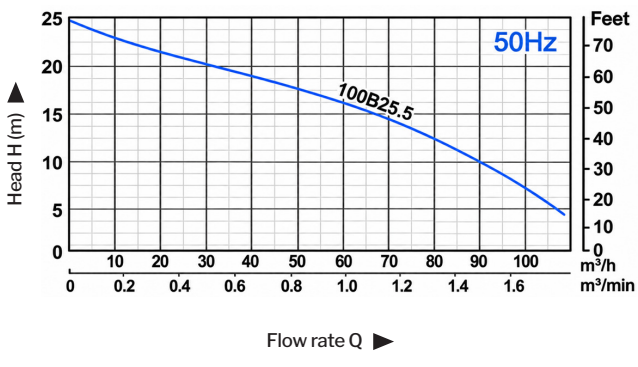
Certification:

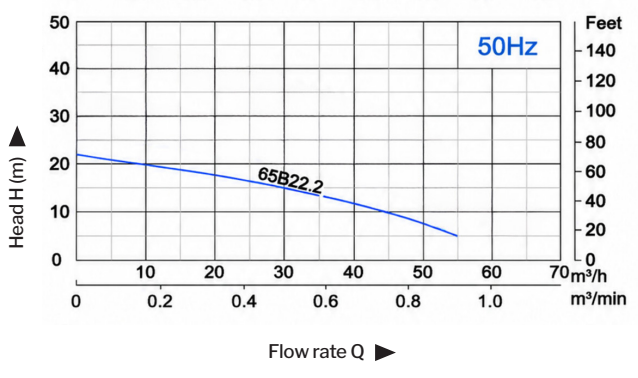
CE

Model	Voltage		Freq.	Power		Current Amp		H.max	Q.max	Outlet	Imp. pass.	Liq. density	Cable	Impeller
	1~	3~	Hz	KW	HP	1~	3~	m	L/min	mm	mm	g/cm³	mm²	kg
50B2.75	220	380	50	0.75	1.00	5.2	2.00	12	26	50	25	1.30	1.00	18.5
50B21.1	220	380	50	1.10	1.50	7.2	2.80	18	29	50	20	1.30	1.00	22.0
65B22.2	-	380	50	2.20	3.00	-	5.00	22	50	65	20	1.30	1.00	44.0
100B25.5	-	380	50	5.50	7.50	-	11.70	25	110	100	30	1.30	2.50	81.0
100B27.5	-	380	50	7.5	10.00	-	15.7	35.00	145	100	35	1.30	4.00	116.0
100B211	-	380	50	11	15.00	-	22.00	48	125	100	35	1.30	4.00	127.0









SUBMERSIBLE PUMPS

SEWAGE PUMPS

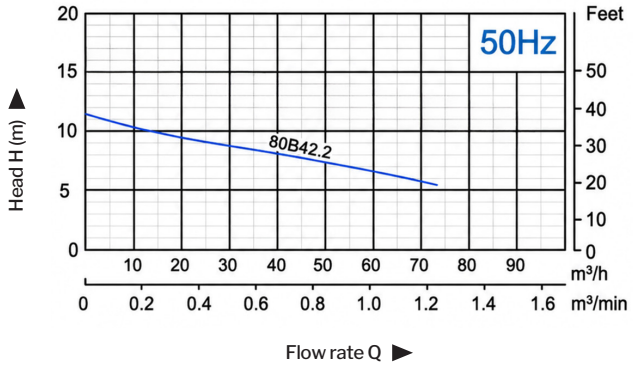
Application:

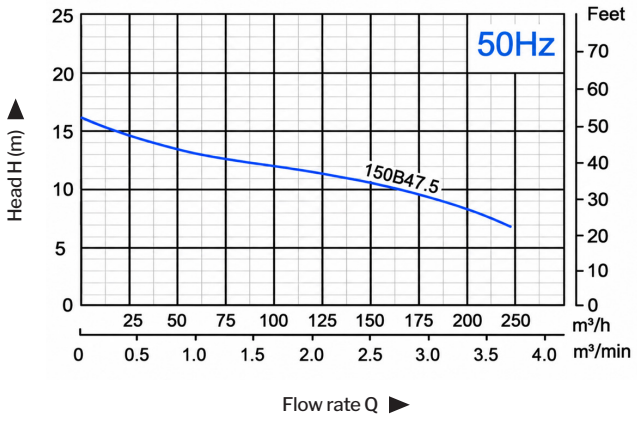
BUILDING INDUSTRIAL WATER PUMP OUT

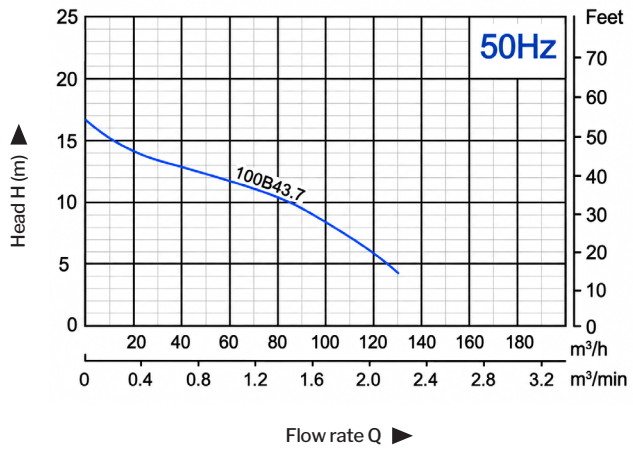
Certification:

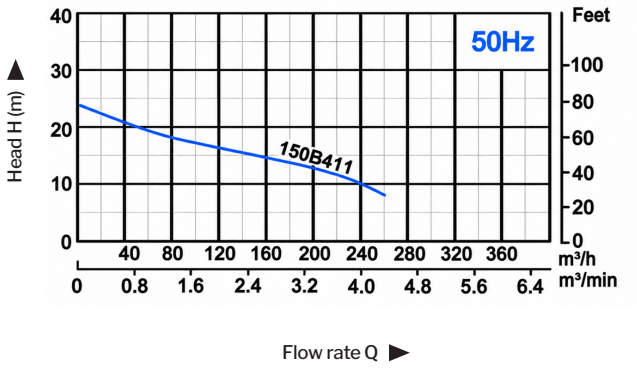
CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Outlet mm	Imp. pass. mm	Liq. density g/cm³	Cable mm²	N.W. kg
80B42.2	380	50	2.20	3.00	5.00	12	73	80	50	1.30	1.50	78.0
100B43.7	380	50	3.70	5.00	8.50	17	130	100	50	1.30	1.50	90.0
150B47.5	380	50	7.50	10.00	15.70	16	240	150	75	1.30	4.00	172.0
150B411	380	50	11.00	15.00	22.00	24	260	150	65	1.30	4.00	256.0









SUBMERSIBLE PUMPS
SEWAGE PUMPS

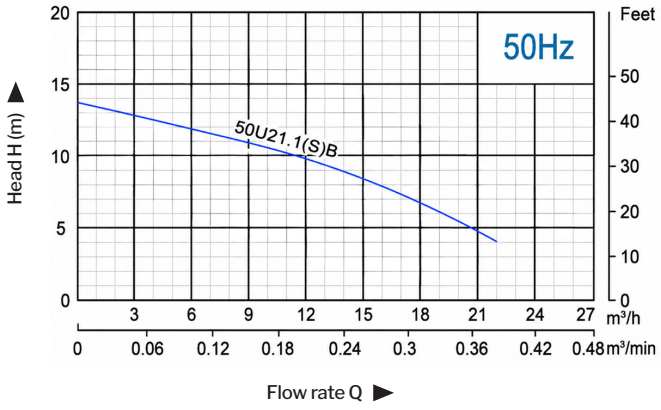
Application:

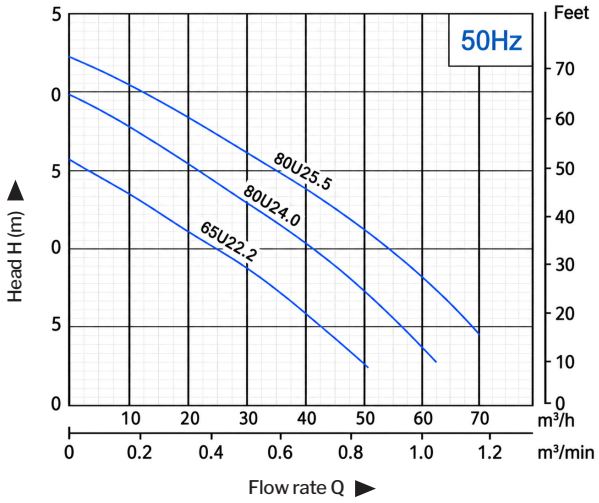
BUILDING INDUSTRIAL WATER PUMP OUT

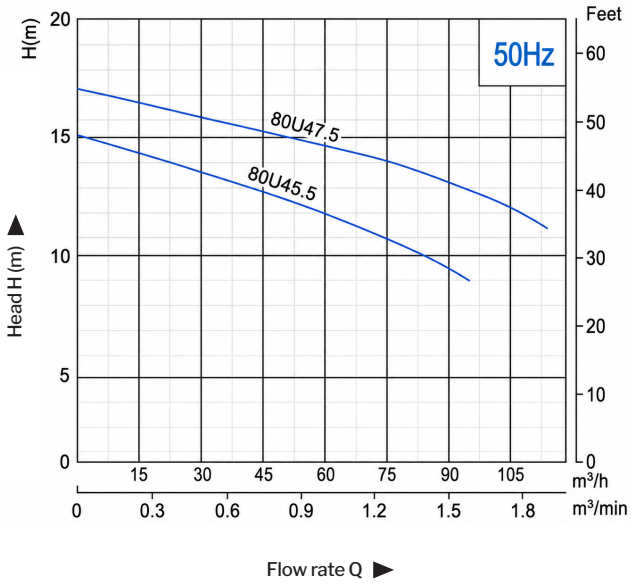
Certification:

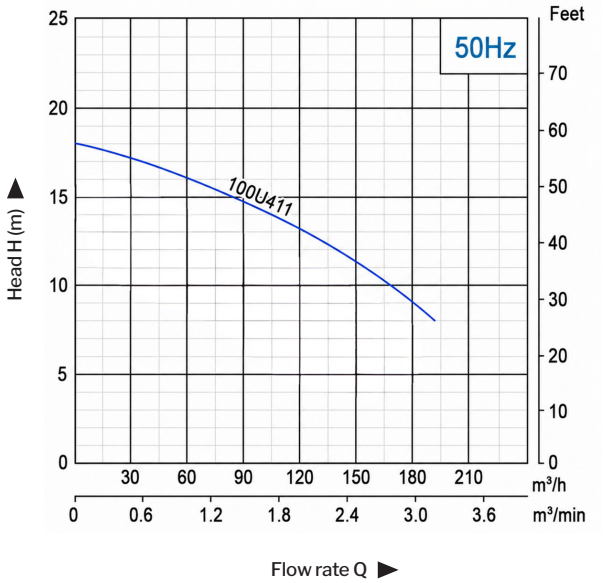
CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	Current Amp	H.max m	Q.max L/min	Outlet mm	Imp. pass. mm	Liq. density g/cm³	Cable mm²	N.W. kg
2 POLES												
50U21.1B	380	50	1.10	1.50	2.80	14	23	50	35	1.30	1.00	22.0
65U22.2	380	50	2.20	3.00	5.00	16	45	65	56	1.30	1.00	39.0
80U24.0	380	50	4.00	5.50	8.90	21	65	80	56	1.30	1.50	56.0
80U25.5	380	50	5.50	7.50	11.70	23	70	80	56	1.30	2.50	73.0
4 POLES												
80U45.5	380	50	5.50	7.50	11.70	15	95	80	80	1.30	2.50	132.0
100U47.5	380	50	7.50	10.00	15.70	15	165	100	100	1.30	4.00	151.0
100U411	380	50	11.00	15.00	22.00	18	190	100	100	1.30	4.00	170.0









BOREHOLE PUMPS

Reliable water supply from deep wells
for domestic, agricultural and industrial applications

DEEP WELL PUMPS

- Deep well water supply
- Domestic & civil water supply
- Agricultural irrigation
- Tank filling & water storage
- Pressure boosting systems
- Fire-fighting water supply

AC/DC SOLAR DEEP WELL PUMPS

- Solar-powered deep well water supply
- Agricultural irrigation
- Livestock watering
- Tank filling & water storage
- Domestic & rural water supply
- Remote & off-grid applications

TANK PUMPS

- Rainwater harvesting
- Underground tanks & cisterns
- Open wells
- Garden irrigation
- Domestic water supply
- Clean water transfer

DEEP WELL PUMPS

TECH DETAILS

MAX. FLUID TEMPERATURE
Up to +35°C or + 50°C

MAX. SAND CONTENT
0.25%

POWER SUPPLY
6 to 10

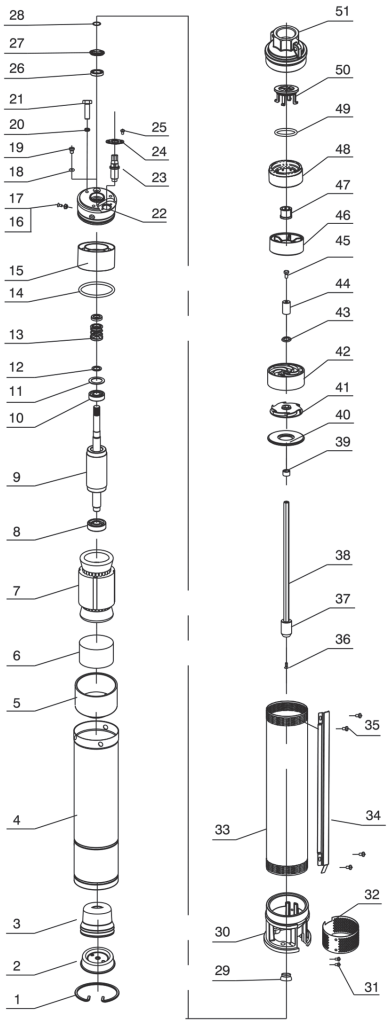
POWER SUPPLY
Single phase : 220 - 240 V / 50Hz
Three phase: 380 - 415 V / 50Hz

MOTOR PROTECTION
Built in

WITH CONTROL BOX
Only single phase

□ SD M □ / □ (N)

- WELL Ø
- PUMP NAME
- SINGLE PHASE (three phase with no M marked)
- CAPACITY (m^3/h)
- IMPELLER'S NUMBER
- BUILT-IN CAPACITOR (outboard capacitor with no N marked)



Description:

1 Circle Spring
2 Bottom Plate
3 Oil Bag
4 Motor Casing
5 Bottom Chock
6 Botton Bush+Bottom Bearing
7 Stator
8 Bearing
9 Rotator
10 Upper Bushing
11 O Ring
12 Gasket
13 Mechanical Seal
14 Gasket
15 Mechanical Seal
16 Screw
17 Gasket
18 Gasket
19 Screw
20 Gasket
21 Screw
22 Oil Chamber
23 Cable Casing
24 Cable Plate
25 Screw
26 Seal
27 Gasket
28 O ring
29 Sand Proof Cap
30 Inlet Segment
31 Screw
32 Bottom Support
33 Pump Casing
34 Cable guard
35 Screw
36 Screw
37 Adapter
38 Pump Shaft
39 Axle Tube
40 Diffuser Cover
41 Impeller
42 Diffuser
43 Gasket
44 Upper Shaft Cover
45 Screw
46 Upper Support
47 Bottom Shaft Cover
48 Bottom Support
49 O Ring
50 Valve
51 Outlet

DEEP WELL PUMPS - 2/2.5 INCH

Application:

Certification:

CE

2SDM

Model	Voltage V	Frequency Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	0.24 4	0.48 8	0.72 12	0.96 16	1.2 20	1.44 24	N.W. kg
2SDM1/26	220-240	50	0.18	0.25	H.max (m)	33	30	28	25	21	16	9	5.7
2SDM1/32	220-240	50	0.25	0.33		40	37	34	30	26	19	11	6.3
2SDM1/38	220-240	50	0.37	0.50		48	44	40	36	31	23	13	7.3

2.5SDM

Model	Voltage V	Frequency Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	0.3 5	0.6 10	0.9 15	1.2 20	1.5 25	1.8 30	2.1 35	2.4 40	2.7 45	N.W. kg
2.5SDM1.5/12	220-240	50	0.18	0.25		33	30	28	26	23	20	17	11	5	-	5.2
2.5SDM1.5/17	220-240	50	0.25	0.33		46	42	39	37	33	29	24	16	7	-	6.2
2.5SDM1.5/24	220-240	50	0.37	0.50		65	60	56	52	46	40	33	22	10	-	8.0
2.5SDM1.5/31	220-240	50	0.55	0.75		84	77	72	67	60	52	43	29	13	-	9.9
2.5SDM1.5/40	220-240	50	0.75	1.00	H.max (m)	108	99	93	87	77	67	55	37	17	-	12.2
2.5SDM2/10	220-240	50	0.18	0.25		27	26	25	24	23	21	19	17	14	11	5.0
2.5SDM2/14	220-240	50	0.25	0.33		38	37	35	34	32	29	27	24	20	15	5.9
2.5SDM2/20	220-240	50	0.37	0.50		54	53	50	48	45	41	38	34	29	22	7.4
2.5SDM2/26	220-240	50	0.55	0.75		71	68	65	63	59	54	50	44	37	28	9.3
2.5SDM2/32	220-240	50	0.75	1.00		87	84	80	77	72	66	61	54	46	35	11.2

DEEP WELL PUMPS - 2/2.5 INCH

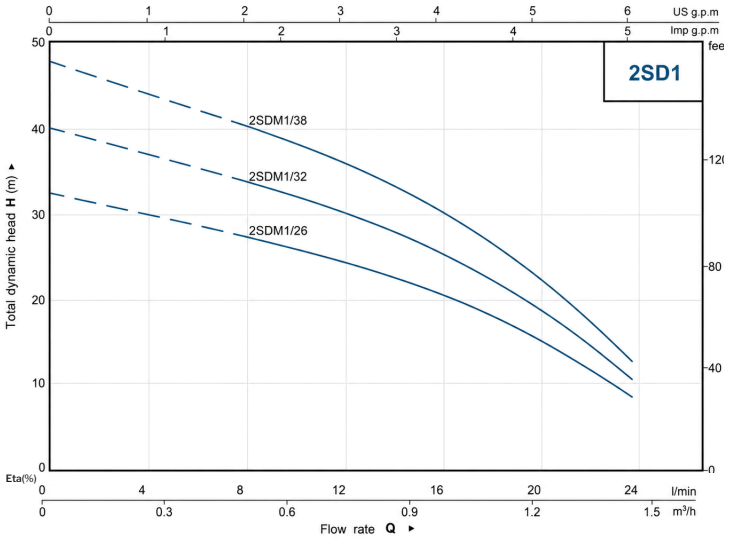
Application:

AGRICOLTURE DOMESTIC GARDENING INDUSTRIAL IRRIGATION

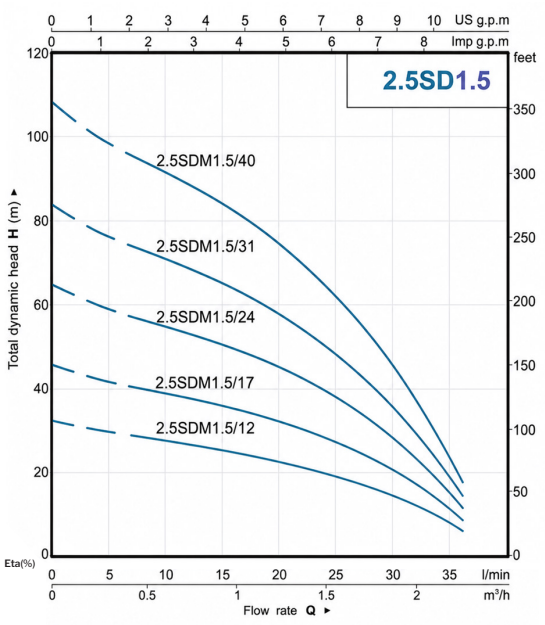
Certification:

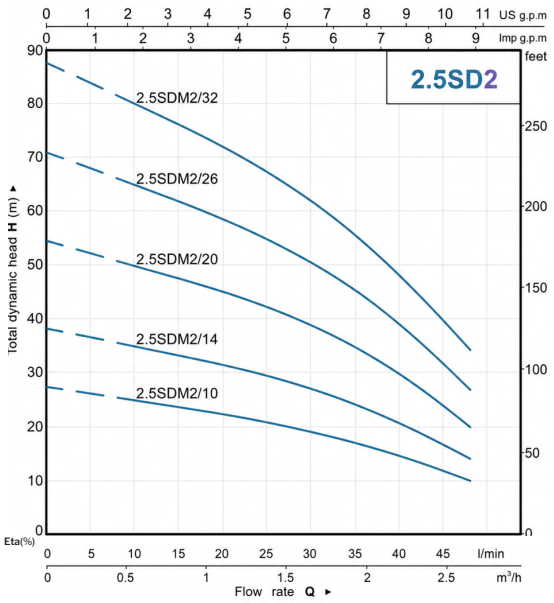
CE

2SDM



2.5SDM





DEEP WELL PUMPS - 3 INCH

Application:

AGRICOLTURE

DOMESTIC

GARDENING

INDUSTRIAL

IRRIGATION

Certification:

CE

3S*2

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	0.3 5	0.6 10	0.9 15	1.2 20	1.5 25	1.8 30	2.1 35	2.4 40	2.7 45	N.W. kg
3S*2/8	220-240	-	50	0.18	0.25		34	34	33	33	31	29	26	23	19	14	6.0
3S*2/11	220-240	-	50	0.25	0.33		47	46	45	45	43	40	36	32	27	20	7.1
3S*2/15	220-240	-	50	0.37	0.50		64	63	62	61	58	54	49	43	36	27	8.4
3S*2/21	220-240	380-415	50	0.55	0.75	H.max (m)	89	89	87	85	81	76	68	60	51	38	9.6
3S*2/27	220-240	380-415	50	0.75	1.00		115	114	112	110	104	97	88	77	65	49	11.5
3S*2/33	220-240	-	50	0.92	1.25		141	139	136	134	128	119	108	95	80	60	12.8
3S*2/39	220-240	380-415	50	1.10	1.50		166	164	161	159	151	141	127	112	94	70	14.7
3S*2/46	220-240	380-415	50	1.50	2.00		196	194	190	187	178	166	150	132	111	83	16.8

3S*3

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	0.6 10	1.2 20	1.8 30	2.4 40	3.0 50	3.6 60	3.9 65	N.W. kg
3S*3/6	220-240	-	50	0.18	0.25		24	23	22	21	19	15	10	7	5.7
3S*3/8	220-240	-	50	0.25	0.33		32	31	30	28	25	20	13	9	6.8
3S*3/11	220-240	-	50	0.37	0.50		44	43	41	39	35	28	18	12	8.0
3S*3/16	220-240	380-415	50	0.55	0.75	H.max (m)	64	63	60	57	51	41	26	17	9.1
3S*3/21	220-240	380-415	50	0.75	1.00		84	82	78	74	67	53	34	23	11.1
3S*3/26	220-240	-	50	0.92	1.25		104	102	97	92	83	66	43	28	12.1
3S*3/31	220-240	380-415	50	1.10	1.50		124	121	116	110	99	79	51	34	14.0
3S*3/37	220-240	380-415	50	1.50	2.00		148	145	138	131	118	94	61	40	15.9

3S*4/6

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	0.6 10	1.2 20	1.8 30	2.4 40	3 50	3.6 60	4.2 70	4.8 80	5.4 90	N.W. kg
3S*4/6	220-240	-	50	0.25	0.33		25	25	24	23	22	21	19	16	13	8	6.4
3S*4/9	220-240	-	50	0.37	0.50		37	37	36	35	33	32	28	24	19	12	7.8
3S*4/13	220-240	380-415	50	0.55	0.75		53	53	52	51	48	45	40	35	27	17	8.9
3S*4/17	220-240	380-415	50	0.75	1.00	H.max (m)	70	70	69	66	63	59	53	46	36	22	10.9
3S*4/21	220-240	-	50	0.92	1.25		86	86	85	82	78	72	65	56	44	27	11.9
3S*4/25	220-240	380-415	50	1.10	1.50		103	102	101	98	93	86	78	67	53	32	13.7
3S*4/30	220-240	380-415	50	1.50	2.00		123	123	121	117	111	103	93	80	63	39	15.7

DEEP WELL PUMPS - 3 INCH

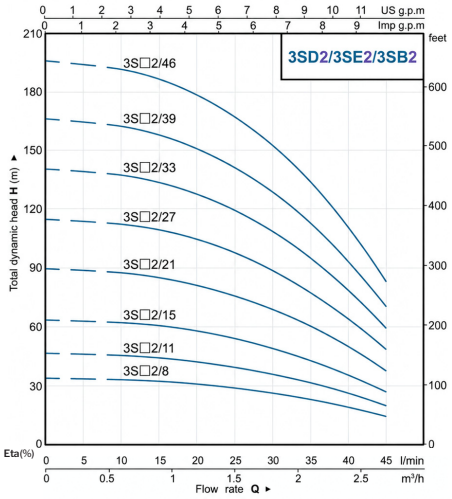
Application:

AGRICOLTURE DOMESTIC GARDENING INDUSTRIAL IRRIGATION

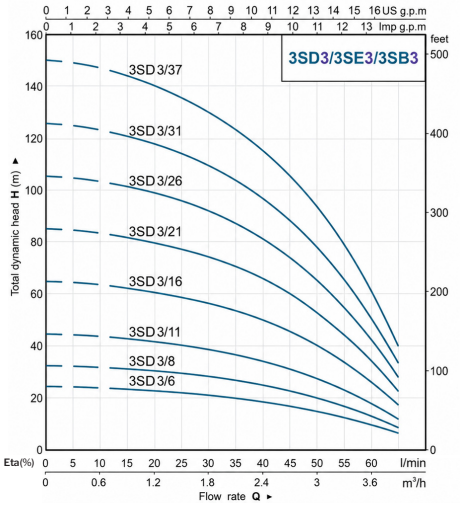
Certification:

CE

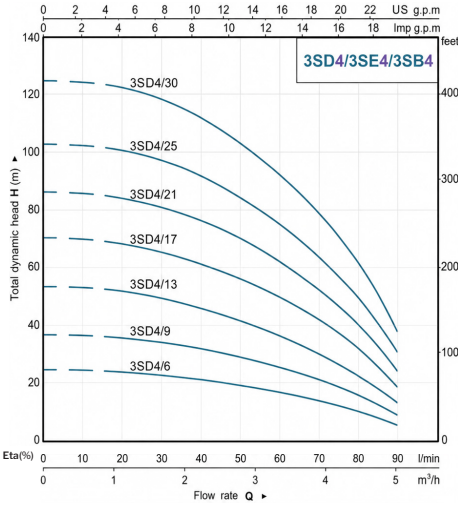
3S*2



3S*3



3S*4/6



DEEP WELL PUMPS - 4 INCH

Application:

AGRICOLTURE

DOMESTIC

GARDENING

INDUSTRIAL

IRRIGATION

Certification:

CE

4S*3

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h / Q l/min	0 / 0	0.6 / 10	1.2 / 20	1.8 / 30	2.4 / 40	3 / 50	3.6 / 60	4.2 / 70	4.8 / 80	N.W. kg
4S*3/5	220-240	-	50	0.25	0.33		36	35	34	32	30	27	22	17	10	9.4
4S*3/7	220-240	-	50	0.37	0.50		50	49	47	45	41	37	30	23	13	10.7
4S*3/10	220-240	380-415	50	0.55	0.75		72	70	68	64	59	53	43	33	19	12.4
4S*3/12	220-240	380-415	50	0.75	1.00		86	84	81	77	71	64	52	40	23	13.7
4S*3/15	220-240	-	50	0.92	1.25		108	105	102	96	89	80	65	50	29	15.6
4S*3/17	220-240	380-415	50	1.10	1.50		122	119	115	109	101	90	73	56	33	16.9
4S*3/20	220-240	-	50	1.30	1.75	H.max (m)	144	140	135	128	118	106	86	66	38	19.1
4S*3/22	220-240	380-415	50	1.50	2.00		158	154	149	141	130	117	95	73	42	20.9
4S*3/26	220-240	380-415	50	1.80	2.50		187	182	176	166	154	138	112	86	50	23.6
4S*3/30	220-240	380-415	50	2.20	3.00		215	210	203	192	178	159	129	99	58	27.1
4S*3/35	220-240	380-415	50	2.60	3.50		251	245	237	224	207	186	151	116	67	29.8
4S*3/40	220-240	380-415	50	3.00	4.00		287	280	271	255	237	212	172	132	77	32.3
4S*3/45	-	380-415	50	3.70	5.00		322	315	304	287	266	239	194	149	86	33.5
4S*3/50	-	380-415	50	4.00	5.50		358	350	338	319	296	265	215	165	96	37.5

4S*4

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h / Q l/min	0 / 0	0.6 / 10	1.2 / 20	1.8 / 30	2.4 / 40	3 / 50	3.6 / 60	4.2 / 70	4.8 / 80	5.4 / 90	6 / 100	N.W. kg
4S*4/6	220-240	-	50	0.37	0.50		44	43	41	40	39	37	36	32	28	23	17	10.6
4S*4/8	220-240	380-415	50	0.55	0.75		59	57	55	54	52	49	47	42	37	30	23	12.1
4S*4/10	220-240	380-415	50	0.75	1.00		74	71	69	67	65	61	59	53	46	38	29	13.5
4S*4/12	220-240	-	50	0.92	1.25		88	86	82	81	78	74	71	63	56	45	34	15.2
4S*4/14	220-240	380-415	50	1.10	1.50		103	100	96	94	91	86	83	74	65	53	40	16.5
4S*4/16	220-240	-	50	1.30	1.75		118	114	110	107	104	98	95	85	74	61	46	18.5
4S*4/18	220-240	380-415	50	1.50	2.00	H.max (m)	132	129	123	121	117	111	107	95	84	68	51	20.4
4S*4/21	220-240	380-415	50	1.80	2.50		155	150	144	141	136	129	124	111	97	79	60	22.8
4S*4/24	220-240	380-415	50	2.20	3.00		177	171	165	161	156	147	142	127	111	91	69	25.8
4S*4/28	220-240	380-415	50	2.60	3.50		206	200	192	188	182	172	166	148	130	106	80	28.1
4S*4/32	220-240	380-415	50	3.00	4.00		235	229	219	215	208	197	190	169	149	121	91	31.1
4S*4/36	-	380-415	50	3.70	5.00		265	257	247	242	234	221	213	190	167	136	103	32.0
4S*4/40	-	380-415	50	4.00	5.50		294	286	274	269	260	246	237	211	186	151	114	35.8
4S*4/45	-	380-415	50	4.80	6.50		331	321	309	302	293	276	266	238	209	170	129	39.3
4S*4/50	-	380-415	50	5.50	7.50		368	357	343	336	325	307	296	264	232	189	143	42.8

DEEP WELL PUMPS - 4 INCH

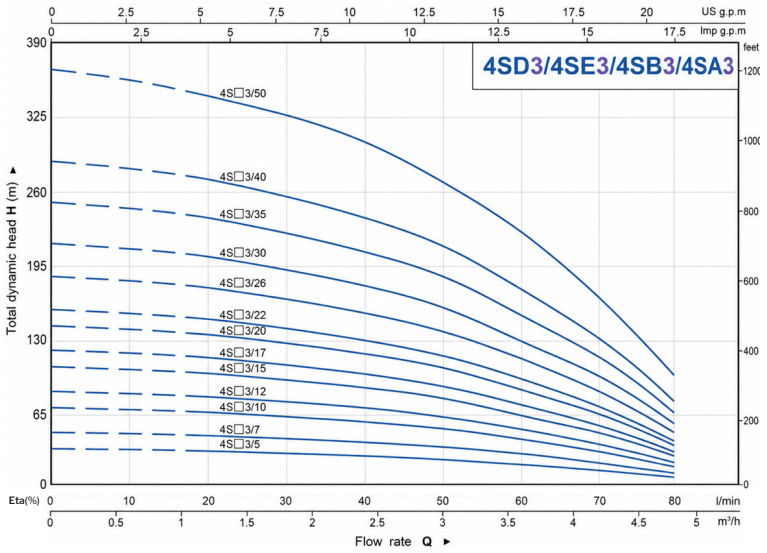
Application:

AGRICOLTURE DOMESTIC GARDENING INDUSTRIAL IRRIGATION

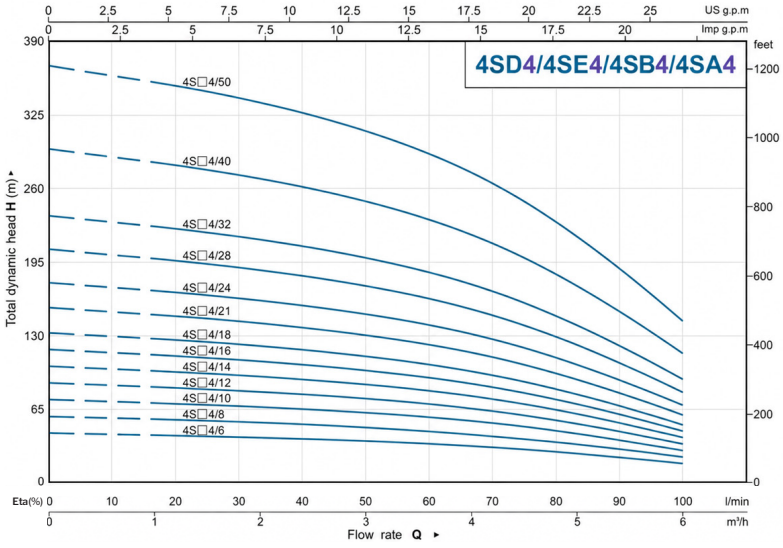
Certification:

CE

4S*3



4S*4



DEEP WELL PUMPS - 4/6 INCH

Application:

AGRICOLTURE

DOMESTIC

GARDENING

INDUSTRIAL

IRRIGATION

Certification:

CE

4SP

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h / Q l/min	0 / 0	0.6 / 10	1.2 / 20	1.8 / 30	2.4 / 40	3 / 50	3.6 / 60	4.2 / 70	N.W. kg
4SP3/6	220-240	-	50	0.37	0.50	H.max (m)	37	36	34	32	29	26	21	15	9.9
4SP3/9	220-240	380-415	50	0.55	0.75		56	54	51	48	44	39	32	23	11.8
4SP3/12	220-240	380-415	50	0.75	1.00		74	71	68	64	59	52	43	31	13.4
4SP3/15	220-240	-	50	0.92	1.25		93	89	85	80	73	65	53	39	15.3
4SP3/18	220-240	380-415	50	1.10	1.50		112	107	102	96	88	78	64	46	16.8
4SP3/22	220-240	-	50	1.30	1.75		136	131	125	117	108	95	78	57	19.1
4SP3/25	220-240	380-415	50	1.50	2.00		155	149	142	133	122	108	89	65	21.1
4SP3/29	220-240	380-415	50	1.80	2.50		180	173	164	154	142	126	103	75	23.9
4SP3/33	220-240	380-415	50	2.20	3.00		205	196	187	175	162	143	118	85	27.1
4SP3/39	220-240	380-415	50	2.60	3.50		242	232	221	207	191	169	139	101	29.9
4SP3/45	220-240	380-415	50	3.00	4.00		279	268	255	239	220	195	160	116	32.7
4SP3/52	-	380-415	50	4.00	5.50		322	309	295	276	255	225	185	134	37
4SP3/60	-	380-415	50	4.00	5.50		372	357	340	319	294	260	214	155	38.8

6SP

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h / Q l/min	0 / 0	6 / 100	12 / 200	18 / 300	24 / 400	30 / 500	36 / 600	42 / 700	N.W. kg
6SP30/3	220-240	380-415	50	3.00	4.00	H.max (m)	37	36	34	30	27	24	19	13	31.1
6SP30/4	220-240	380-415	50	4.00	5.50		50	48	45	40	36	32	25	17	38
6SP30/6	220-240	380-415	50	5.50	7.50		75	72	67	60	55	48	38	26	64.1
6SP30/7	-	380-415	50	7.50	10.00		87	84	78	70	64	56	44	30	70.4
6SP30/8	-	380-415	50	7.50	10.00		100	96	89	80	73	64	50	34	72.2
6SP30/9	-	380-415	50	9.20	12.50		112	108	101	90	82	73	57	39	80.8
6SP30/10	-	380-415	50	9.20	12.50		125	120	112	100	91	81	63	43	82.6
6SP30/12	-	380-415	50	11.00	15.00		150	144	134	120	109	97	76	52	92.7
6SP30/14	-	380-415	50	13.00	17.50		174	168	157	140	128	113	88	60	102.3
6SP30/16	-	380-415	50	15.00	20.00		199	192	179	160	146	129	101	69	115.8
6SP30/18	-	380-415	50	18.50	25.00		224	216	201	180	164	145	113	77	103.4
6SP30/20	-	380-415	50	18.50	25.00		249	240	224	200	182	161	126	86	107.0
6SP30/22	-	380-415	50	22.00	30.00		274	264	246	220	201	177	139	95	122.1
6SP30/24	-	380-415	50	22.00	30.00		299	288	268	240	219	193	151	103	125.8
6SP30/27	-	380-415	50	26.00	35.00		336	324	302	270	246	218	170	116	150.7

DEEP WELL PUMPS - 4/6 INCH

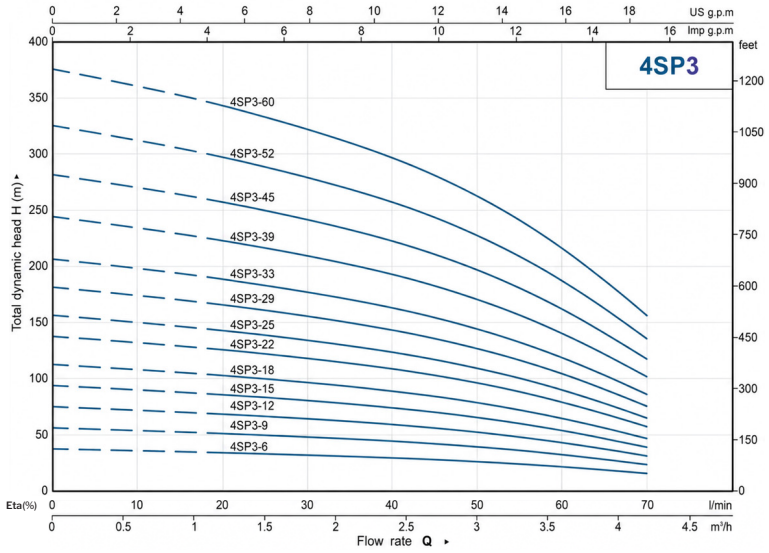
Application:

AGRICOLTURE DOMESTIC GARDENING INDUSTRIAL IRRIGATION

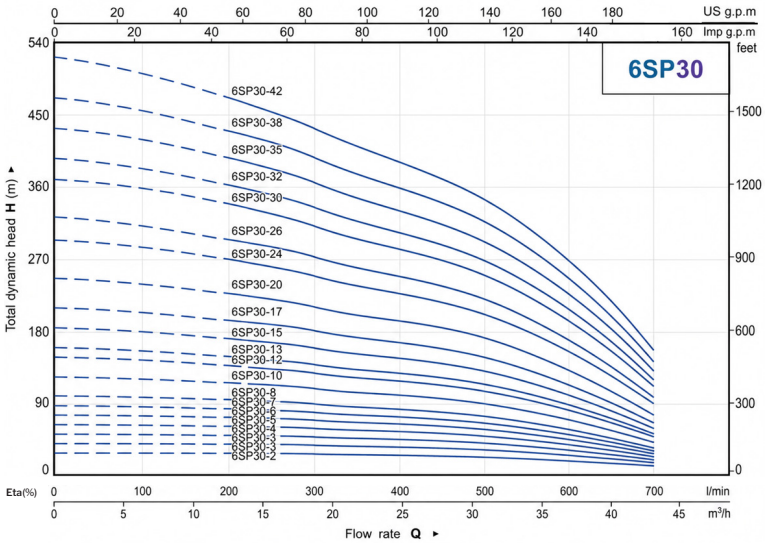
Certification:

CE

4SP



6SP



DC SOLAR PUMPS

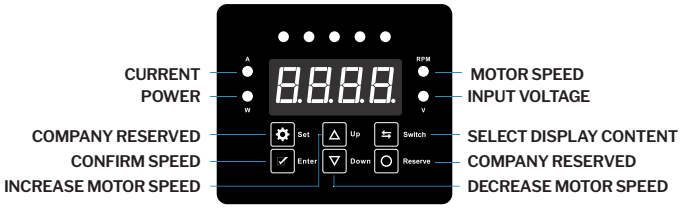
TECH DETAILS

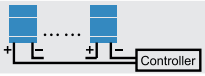
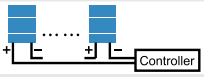
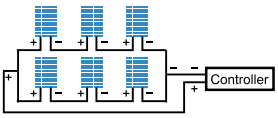
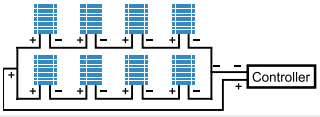
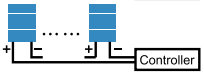
MOTOR
Permanent magnet DC brushless motor
Efficiency improved by 20–30%
Longer service life than normal electrical AC pump motor

CONTROLLER
High efficiency intelligent MPPT controller
Automatic pump start / stop
LED display: voltage / current / power
Speed RPM / speed adjustment / error code
IP54 waterproofing grade

PROTECTION
Overload / Underload protection
Over current / Under voltage protection
Reverse connection protection
Thermal protection
Well shortage water protection
Soft start

AMBIENT TEMPERATURE
−15°C / +70°C



SOLAR PANELS CONNECTION FOR DC SOLAR PUMP			
DC Pump	**DC Input Voltage VOC (V)**		**Solar Panels Connection**
12V 200W	11~55		12V Battery Solar panel:150Wp*2PCS
24V 180/250/300W	11~55		250Wp1PC 330Wp1PC
48V 400W	45~100		250Wp2PCS 300Wp2PCS
72V 600W	60~150		250Wp3PCS 300Wp3PCS
96V 750W	60~200		250Wp4PCS 300Wp3PCS
144V 1100W	90~340		250Wp6PCS 300Wp5PCS
72V 1100W	60~150		250Wp6PCS 300Wp6PCS
192V 1500W	90~430		250Wp8PCS 300Wp7PCS
96V 1500W	60~200		250Wp8PCS 300Wp8PCS
280V 2200W	100~490		250Wp12PCS 300Wp10PCS
385V 3000W	280~780		250Wp16PCS 300Wp13PCS

3”DC SOLAR PUMPS

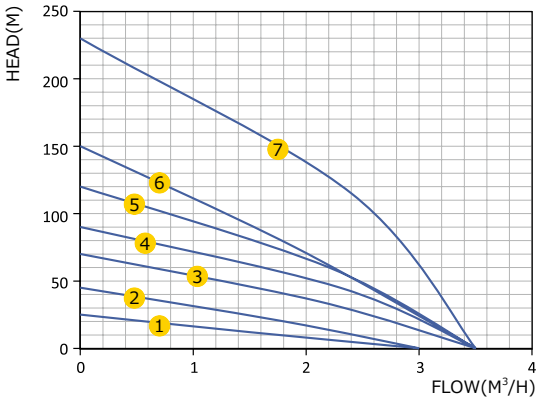
Application:

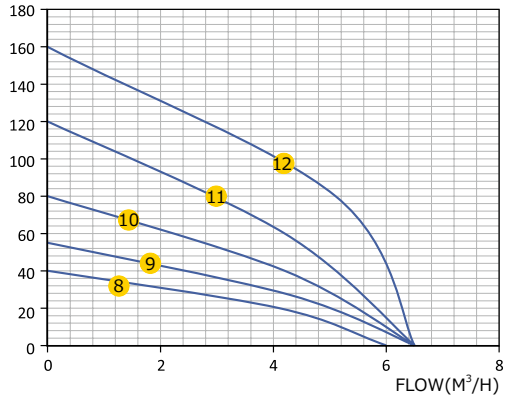
AGRICOLTURE DOMESTIC INDUSTRIAL IRRIGATION

Certification:

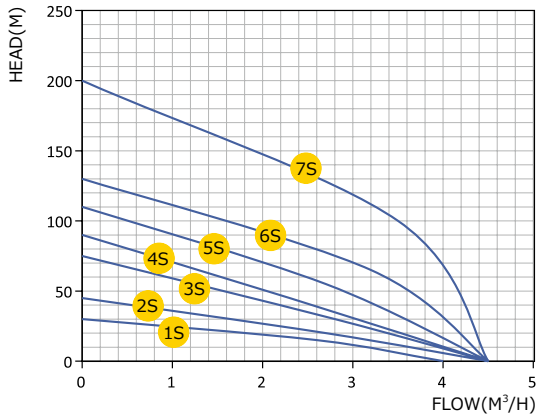
CE

	Model	DC Voltage V	Best Input Voltage Voc V	Power W	H.max m	Q.max m^3/h	Outlet Size inch
			PLASTIC IMPELLER				
1	3NKC3.0-30-24-300	24	11~55	300	30	3.00	1"
3	3NKC3.5-70-72-600	72	60~150	600	70	3.50	1"
5	3NKC3.5-120-144-1100	144	90~340	1100	120	3.50	1"
6	3NKC3.5-150-192-1500	192	90~430	1500	150	3.50	1"
7	3NKC3.5-230-280-2200	280	100~490	2200	230	3.50	1"
8	3NKC6.0-40-72-600	72	60~150	600	40	6.00	1"
10	3NKC6.5-80-144-1100	144	90~340	1100	80	6.50	1"
12	3NKC6.5-160-280-2200	280	100~490	2200	160	6.50	1"
			SS IMPELLER				
1S	3NKSS4-30-24-300	24	11~55	300	30	4.00	1.25"
3S	3NKSS4.5-75-72-600	72	60~150	600	75	4.50	1.25"
5S	3NKSS4.5-110-144-1100	144	90~340	1100	110	4.50	1.25"
6S	3NKSS4.5-130-192-1500	192	90~430	1500	130	4.50	1.25"
7S	3NKSS4.5-200-280-2200	280	100~490	2200	200	4.50	1.25"





Plastic impeller



SS Impeller

4”DC SOLAR PUMPS

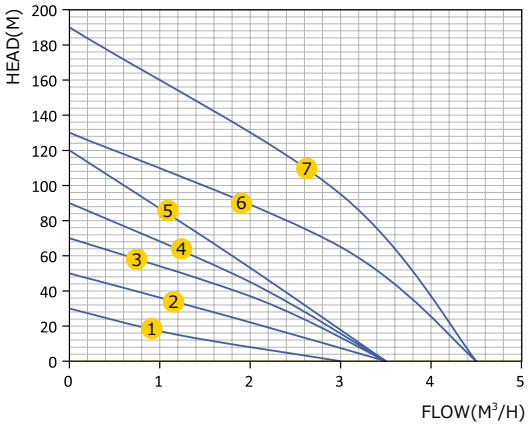
Application:

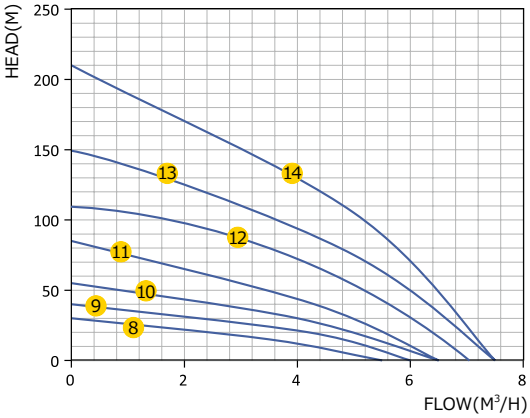
AGRICOLTURE DOMESTIC INDUSTRIAL IRRIGATION

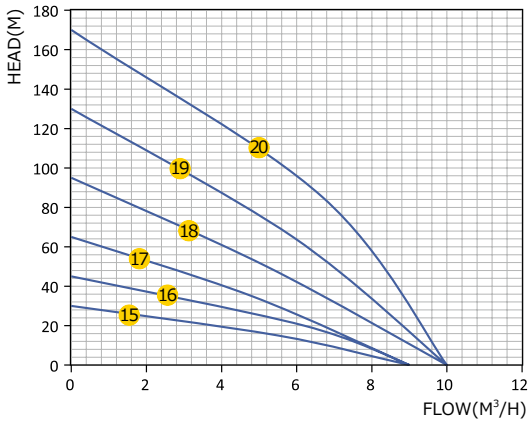
Certification:

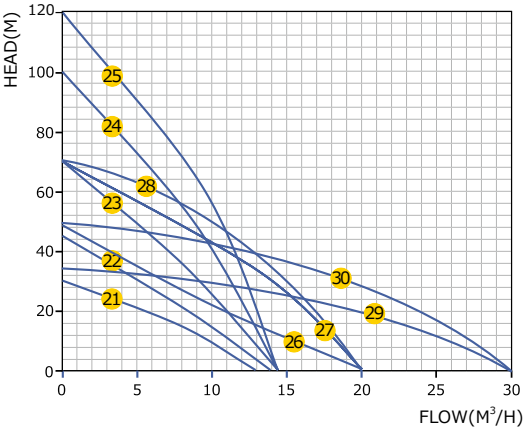
CE

	Model	DC Voltage V	Best Input Voltage Voc V	Power W	H.max m	Q.max m^3/h	Outlet Size inch
			PLASTIC IMPELLER				
1	4NKC3.0-30-24-300	24	11~55	300	30	3.00	1.25"
3	4NKC3.5-70-72-600	72	60~150	600	70	3.50	1.25"
5	4NKC3.5-120-144-1100	144	90~340	1100	120	3.50	1.25"
7	4NKC4.5-190-280-2200	280	100~490	2200	190	4.50	1.25"
8	4NKC6.0-30-48-400	48	45~100	400	30	6.00	1.50"
10	4NKC6.5-55-96-750	96	60~200	750	55	6.50	1.50"
12	4NKC7.0-110-192-1500	192	90~430	1500	110	7.00	1.50"
13	4NKC7.5-150-280-2200	280	100~490	2200	150	7.50	1.50"
14	4NKC7.5-210-385-3000	385	280~780	3000	210	7.50	1.50"
15	4NKC9.0-30-72-600	72	60~150	600	30	9.00	2"
18	4NKC10.0-90-192-1500	192	90~430	1500	90	10.00	2"
20	4NKC10.0-170-385-3000	385	280~780	3000	170	10.00	2"
21	4NKC13.0-30-96-750	96	60~200	750	30	13.00	2"
23	4NKC14.5-70-192-1500	192	90~430	1500	70	14.50	2"
25	4NKC14.5-120-385-3000	385	280~780	3000	120	14.50	2"
26	4NKC20.0-45-192-1500	192	90~430	1500	45	20.00	2"
29	4NKC30.0-35-280-2200	280	100~490	2200	35	30.00	2"









4/6”DC SOLAR PUMPS

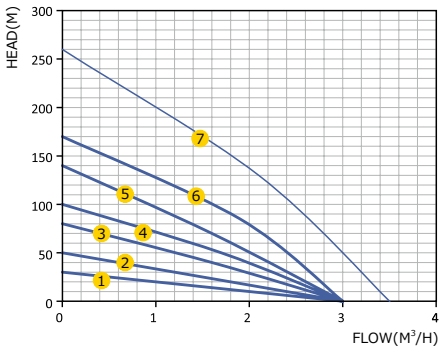
Application:

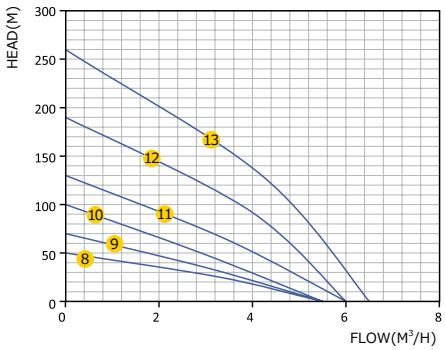
AGRICOLTURE DOMESTIC INDUSTRIAL IRRIGATION

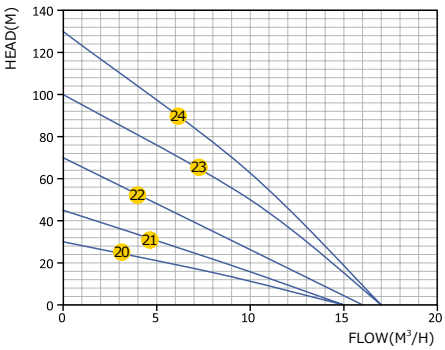
Certification:

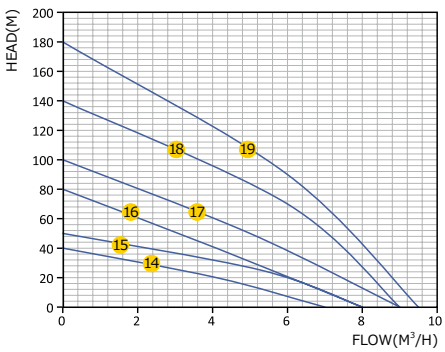
CE

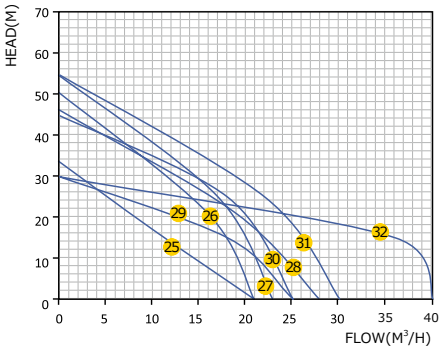
	Model	DC Voltage V	Best Input Voltage Voc V	Power W	H.max m	Q.max m^3/h	Outlet Size inch
	BRUSHLESS SS IMPELLER						
1	4NKSS3.0-30-24-300	24	11~55	300	30	3.00	1.25"
3	4NKSS3.0-80-72-600	72	60~150	600	80	3.00	1.25"
5	4NKSS3.0-140-144-1100	144	90~340	1100	140	3.00	1.25"
7	4NKSS3.5-260-280-2200	280	100~490	2200	260	3.50	1.25"
8	4NKSS5.5-50-72-600	72	60~150	600	50	5.50	1.25"
11	4NKSS6.0-130-96-1500	192	90~430	1500	130	6.00	1.25"
12	4NKSS6.0-190-280-2200	280	100~490	2200	190	6.00	1.25"
13	4NKSS6.5-260-385-3000	385	280~780	3000	260	6.50	1.25"
14	4NKSS7.0-40-72-600	72	60~150	600	40	7.00	1.5"
16	4NKSS8.0-80-144-1100	144	90~340	1100	80	8.00	1.5"
18	4NKSS9.0-140-280-2200	280	100~490	2200	140	9.00	1.5"
19	4NKSS9.5-180-385-3000	385	280~780	3000	180	9.50	1.5"
20	4NKSS15.0-30-96-750	96	60~200	750	30	15.00	2"
22	4NKSS16.0-70-192-1500	192	90~430	1500	70	16.00	2"
23	4NKSS17.0-100-280-2200	280	100~490	2200	100	17.00	2"
24	4NKSS17.0-130-385-3000	385	280~780	3000	130	17.00	2"
25	4NKSS21.0-35-192-1500	192	90~430	1500	35	21.00	2"
27	4NKSS23.0-65-385-3000	385	280~780	3000	65	23.00	2"
28	4NKSS28.0-55-385-3000	385	280~780	3000	55	28.00	2"
29	6NKSS25.0-30-192-1500	192	90~430	1500	30	36.00	3"
31	6NKSS30.0-55-385-3000	385	280~780	3000	55	36.00	3"
32	6NKSS40.0-30-385-3000	385	280~780	3000	30	60.00	3"











AC/DC SOLAR PUMPS

TECH DETAILS

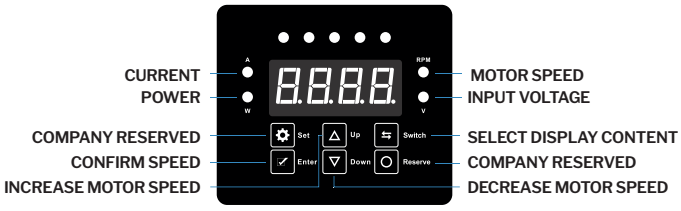
MOTOR
Permanent magnet DC brushless motor
Efficiency improved by 20–30%
Longer service life than normal electrical AC pump motor

POWER SUPPLY
Single phase 220 V AC. 50/60 Hz (90–240 Vac)
Solar DC power input
AC / DC input switching via external switch

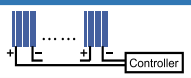
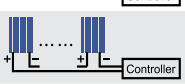
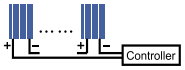
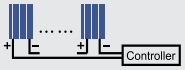
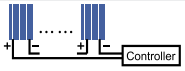
CONTROLLER
High efficiency intelligent MPPT controller
Automatic pump start / stop
LED display: voltage / current / power
Speed RPM / speed adjustment / error code
IP54 waterproofing grade

PROTECTION
Overload / Underload protection
Over current / Under voltage protection
Reverse connection protection
Thermal protection
Well shortage water protection
Soft start

AMBIENT TEMPERATURE
−15°C / +70°C



SOLAR PANELS CONNECTION FOR AC/DC SOLAR PUMP

AC/DC Pump	AC Input Voltage VOC (V)	DC Input Voltage VOC (V)		Solar Panels Connection
72V 600W	Single phase 220 (90~240)	60~200		250Wp4PCS 300Wp3PCS
96V 750W	Single phase 220 (90~240)	60~240		250Wp4PCS 300Wp4PCS
144V 1100W	Single phase 220 (90~240)	90~340		250Wp6PCS 300Wp5PCS
192V 1500W	Single phase 220 (90~240)	90~430		250Wp8PCS 300Wp7PCS
280V 2200W	Single phase 220 (90~240)	100~490		250Wp12PCS 00Wp10PCS

3”AC/DC SOLAR PUMPS

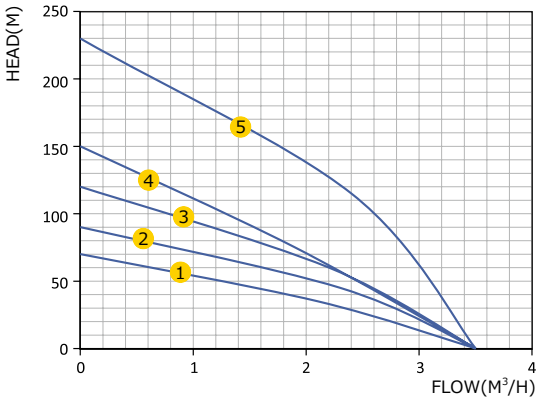
Application:

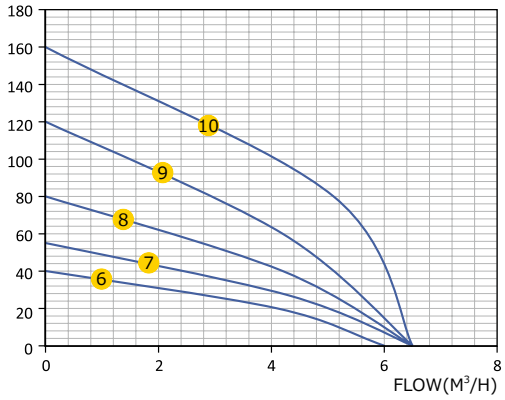
AGRICOLTURE DOMESTIC INDUSTRIAL IRRIGATION

Certification:

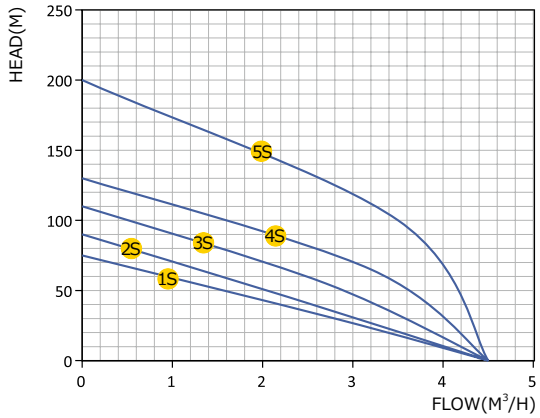
CE

	Model	DC Voltage V	Best Input Voltage Voc V	Power W	H.max m	Q.max m^3/h	Outlet Size inch
	PLASTIC IMPELLER						
1	3NKC3.5-70-72-600-H	90~240	60~200	600	70	3.50	1"
3	3NKC3.5-120-144-1100-H	90~240	90~340	1100	120	3.50	1"
4	3NKC3.5-150-192-1500-H	90~240	90~430	1500	150	3.50	1"
5	3NKC3.5-230-280-2200-H	90~240	100~490	2200	230	3.50	1"
6	3NKC6.0-40-72-600-H	90~240	60~200	600	40	6.00	1"
8	3NKC6.5-80-144-1100-H	90~240	90~340	1100	80	6.50	1"
10	3NKC6.5-160-280-2200-H	90~240	100~490	2200	160	6.50	1"
	SS IMPELLER						
1	3PNKS4.5-75-72-600-H	90~240	60~200	600	75	4.50	1.25"
3	3PNKS4.5-110-144-1100-H	90~240	90~340	1100	110	4.50	1.25"
4	3PNKS4.5-130-192-1500-H	90~240	90~430	1500	130	4.50	1.25"
5	3PNKS4.5-200-280-2200-H	90~240	100~490	2200	200	4.50	1.25"





Plastic impeller



SS Impeller

4”AC/DC SOLAR PUMPS

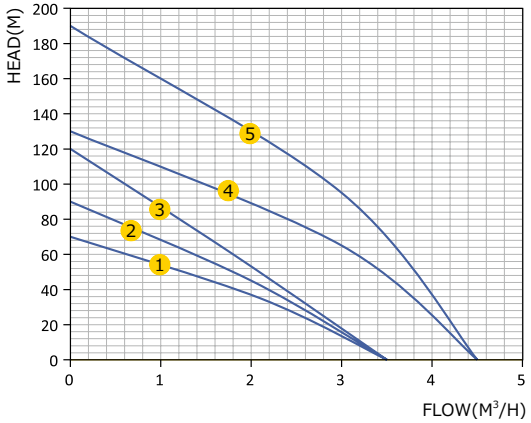
Application:

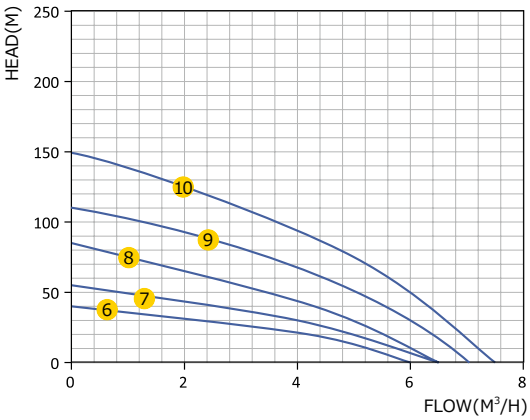
AGRICOLTURE DOMESTIC INDUSTRIAL IRRIGATION

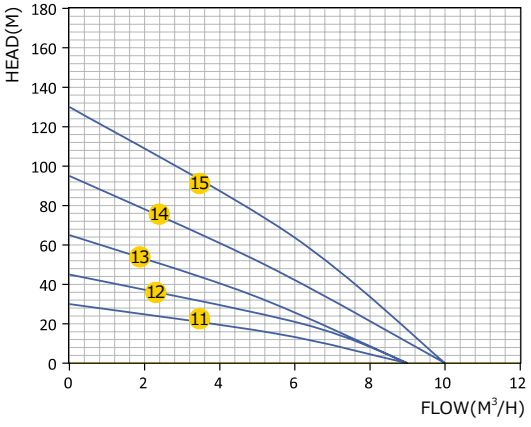
Certification:

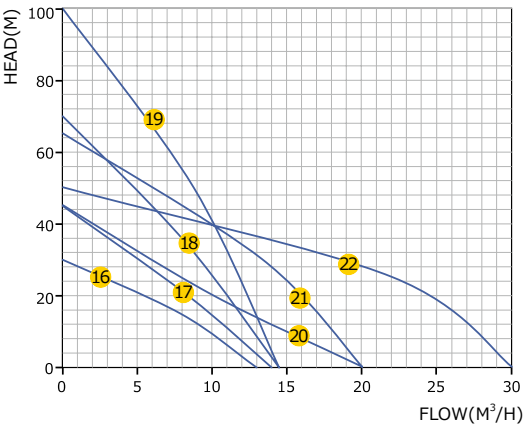
CE

	Model	DC Voltage V	Best Input Voltage Voc V	Power W	H.max m	Q.max m^3/h	Outlet Size inch
	PLASTIC IMPELLER						
1	4NKC3.5-70-72-600-H	90~240	60~200	600	70	3.50	1.25"
3	4NKC3.5-120-144-1100-H	90~240	90~340	1100	120	3.50	1.25"
5	4NKC4.5-190-280-2200-H	90~240	100~490	2200	190	4.50	1.25"
6	4NKC6.0-40-72-600-H	90~240	60~200	600	40	6.00	1.5"
7	4NKC6.5-55-96-750-H	90~240	60~240	750	55	6.50	1.5"
9	4NKC7.0-110-192-1500-H	90~240	90~430	1500	110	7.00	1.5"
10	4NKC7.5-150-280-2200-H	90~240	100~490	2200	150	7.50	1.5"
11	4NKC9.0-30-72-600-H	90~240	60~200	600	30	9.00	2"
14	4NKC10.0-90-192-1500-H	90~240	90~430	1500	90	10.00	2"
16	4NKC13.0-30-96-750-H	90~240	60~240	750	30	13.00	2"
18	4NKC14.5-70-192-1500-H	90~240	90~430	1500	70	14.50	2"
19	4NKC14.5-100-280-2200-H	90~240	100~490	2200	100	14.50	2"
20	4NKC20.0-45-192-1500-H	90~240	90~430	1500	45	20.00	2"
22	4NKC30.0-35-280-2200-H	90~240	100~490	2200	35	30.00	2"









4/6”AC/DC SOLAR PUMPS

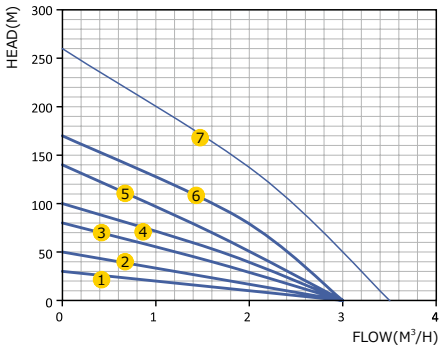
Application:

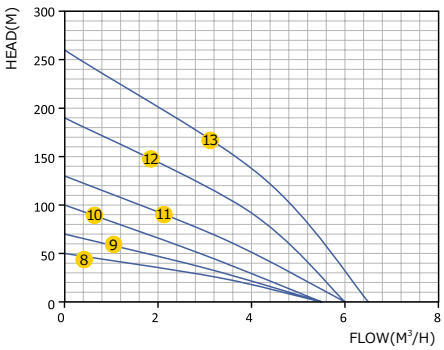
AGRICOLTURE DOMESTIC INDUSTRIAL IRRIGATION

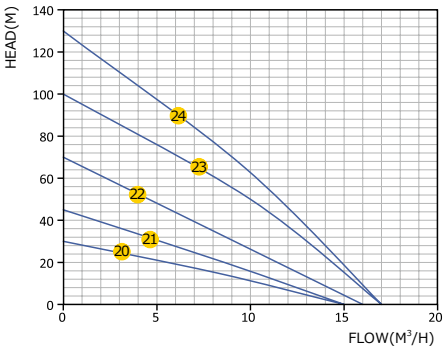
Certification:

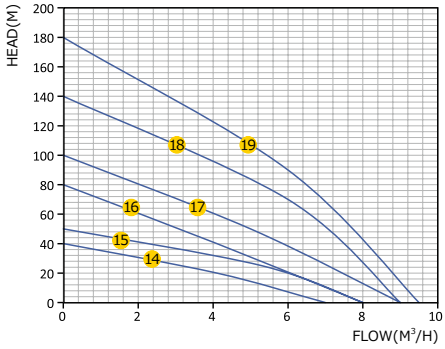
CE

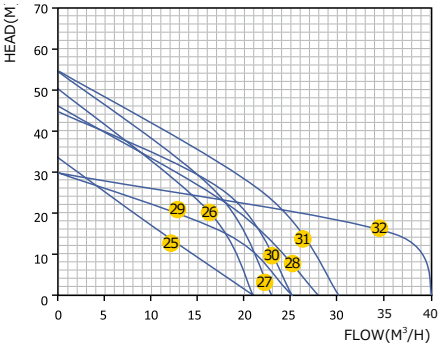
	Model	DC Voltage V	Best Input Voltage Voc V	Power W	H.max m	Q.max m^3/h	Outlet Size inch
	BRUSHLESS SS IMPELLER						
1	4PNKS3.0-80-72-600-H	90~240	60~200	600	80	3.00	1.25"
3	4PNKS3.0-140-144-1100-H	90~240	90~340	1100	140	3.00	1.25"
5	4PNKS3.5-260-280-2200-H	90~240	100~490	2200	260	3.50	1.25"
6	4PNKS5.5-50-72-600-H	90~240	60~200	600	50	5.50	1.25"
9	4PNKS6.0-130-192-1500-H	90~240	90~430	1500	130	6.00	1.25"
10	4PNKS6.0-190-280-2200-H	90~240	100~490	2200	190	6.00	1.25"
11	4PNKS7.0-40-72-600-H	90~240	60~200	600	40	7.00	1.5"
13	4PNKS8.0-80-144-1100-H	90~240	90~340	1100	80	8.00	1.5"
15	4PNKS9.0-140-280-2200-H	90~240	100~490	2200	140	9.00	1.5"
16	4PNKS15.0-30-96-750-H	90~240	60~240	750	30	15.00	2"
18	4PNKS16.0-70-192-1500-H	90~240	90~430	1500	70	16.00	2"
19	4PNKS17.0-100-280-2200-H	90~240	100~490	2200	100	17.00	2"
20	4PNKS21.0-40-192-1500-H	90~240	90~430	1500	35	21.00	2"
22	6PNKS25.0-30-192-1500-H	90~240	90~430	1500	30	25.00	3"
23	6PNKS25.0-45-280-2200-H	90~240	100~490	2200	45	25.00	3"









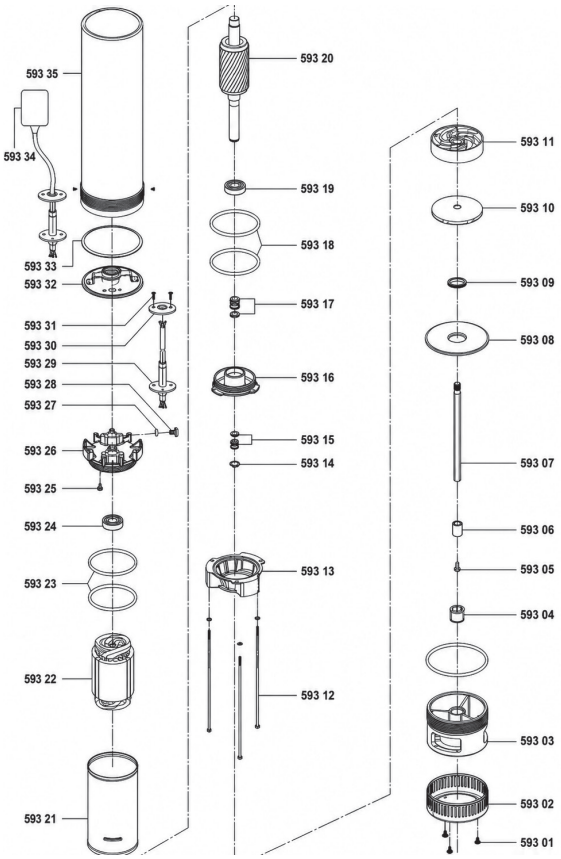


TANK PUMPS

100S 125S 5025S

100 SC M 3 10 A - 15

- 100 — WELL DIAMETER ≥4”
- SC — SC SERIES SUBMERSIBLE PUMP
- M — SINGLE PHASE MOTOR (three phase without m)
- 3 — CAPACITY (m^3/h)
- 10 — IMPELLER STAGES
- A — FLOAT SWITCH (on demand)
- 15 — MOTOR POWER (kW)



Description:

593	01	Screw
593	02	Stainer
593	03	Suction Support
593	04	Guide Bush
593	05	Screw
593	06	Bearing Bush
593	07	Shaft
593	08	Diffuser Cover
593	09	Sealing Ring
593	10	Impeller
593	11	Diffuser
593	12	Screw
593	13	Intermediate Support
593	14	Shaft Ring
593	15	Mechanical Seal
593	16	Oil Chamber
593	17	Mechanical Seal
593	18	O Ring
593	19	Deep Groove Ball Bearing
593	20	Motor Rotor
593	21	Motor Pipe
593	22	Motor Stator
593	23	O Ring
593	24	Deep Groove Ball Bearing
593	25	Screw
593	26	Bearing Seat
593	27	O Ring
593	28	Screw
593	29	Cable Sheld Sleeve
593	30	Cable Cover
593	31	Screw
593	32	Outlet
593	33	Plain Washer
593	34	Floating Switch
593	35	Pump Pipe

TANK PUMPS 4”

Application:

AGRICOLTURE BUILDING DOMESTIC GARDENING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	1 17	1.5 25	2 33	3 50	3.5 58	4 67	4.5 75	5.8 97	Size inch	Lenght mm
100SC303(A)-0.37	220-240	380-415	50	0.37	0.50	H.max (m)	27	25	24	23	20	15	14	13	3	G1"- G1 1/4"	437
100SC304(A)-0.55	220-240	380-415	50	0.55	0.75		38	36	35	33	28	25	21	16	4	G1"- G1 1/4"	483
100SC305(A)-0.75	220-240	380-415	50	0.75	1.00		47	46	45	43	36	31	26	20	5	G1"- G1 1/4"	524
100SC306(A)-0.9	220-240	380-415	50	0.90	1.20		56	55	54	52	43	37	31	24	5	G1"- G1 1/4"	550
100SC308(A)-1.1	220-240	380-415	50	1.10	1.50		75	72	68	67	56	50	46	32	5	G1"- G1 1/4"	629
100SC310(A)-1.5	220-240	380-415	50	1.50	2.00		94	87	85	82	70	62	52	40	6	G1"- G1 1/4"	701

TECH DETAILS

MAXIMUM HEAD.
94 m

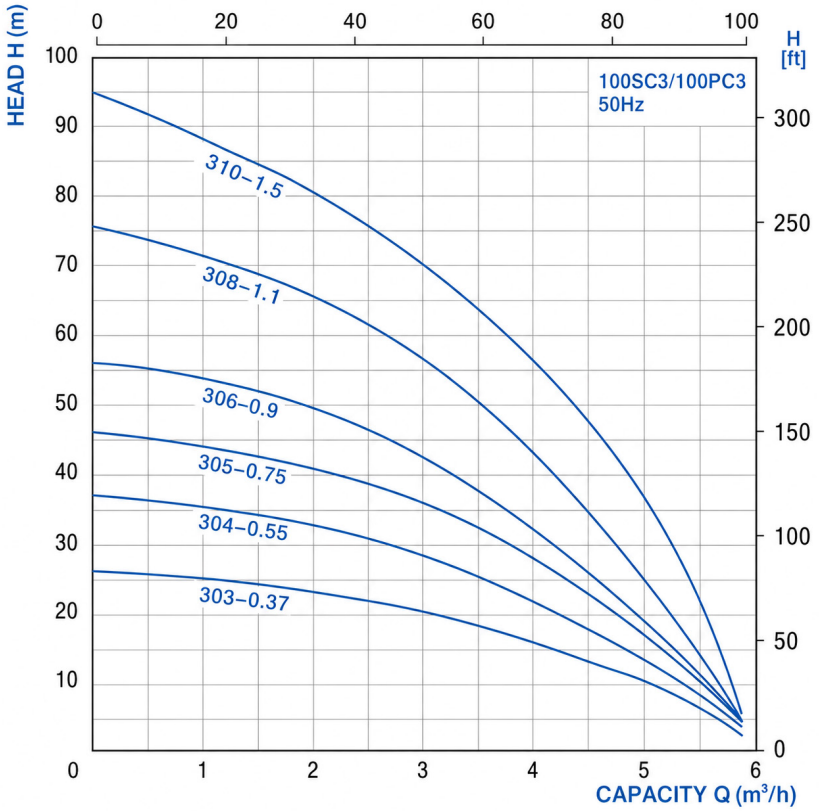
MAXIMUM FLOW
7,9 m³/h

INSULATION CLASS
B

PROTECTION GRADE
IP68

MAXIMUM DIAMETER
Ø 100 mm

MAX. LIQUID TEMPERATURE
35C°



TANK PUMPS 5”

Application:

AGRICOLTURE BUILDING DOMESTIC GARDENING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h / Q l/min	0 / 0	2 / 33	3 / 50	3.5 / 58	4 / 67	4.5 / 75	5 / 83	5.5 / 92	6 / 100	7.8 / 130	Size inch	Lenght mm
125SC403(A)-0.55	220-240	380-415	50	0.55	0.75		32	28	27	25	23	21	19	15	13	4	G1 1/4"	480
125SC404(A)-0.75	220-240	380-415	50	0.75	1.00		43	38	36	34	31	28	25	19	17	6	G1 1/4"	525
125SC405(A)-0.9	220-240	380-415	50	0.90	1.20	H.max (m)	54	47	45	42	39	35	32	25	22	8	G1 1/4"	575
125SC406(A)-1.1	220-240	380-415	50	1.10	1.50		65	56	54	51	47	42	37	28	26	10	G1 1/4"	615
125SC407(A)-1.5	220-240	380-415	50	1.50	2.00		75	66	63	59	54	49	44	37	30	13	G1 1/4"	670
125SC408(A)-1.8	220-240	380-415	50	1.80	2.40		85	75	72	67	62	56	50	42	34	15	G1 1/4"	699

TECH DETAILS

MAXIMUM HEAD.
94 m

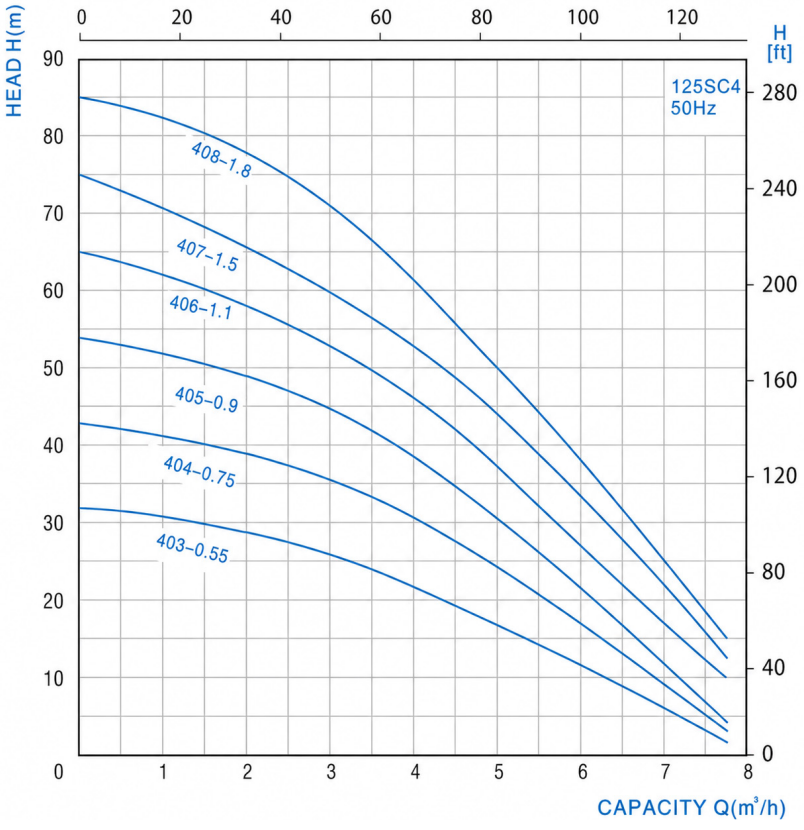
MAXIMUM FLOW
7,9 m³/h

INSULATION CLASS
B

PROTECTION GRADE
IP68

MAXIMUM DIAMETER
Ø 125 mm

MAX. LIQUID TEMPERATURE
35C°



TANK PUMPS 6”

Application:

AGRICOLTURE BUILDING DOMESTIC GARDENING INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage 1~	Voltage 3~	Hz	Power KW	Power HP	Q m³/h Q l/min	0 0	2 33	3 50	5 83	7 117	9 150	11 183	13 217	15 250	Size inch	Lenght mm
150SC902(A)-1.1	220-240	380-415	50	1.10	1.50		33	31	30	27	24	20	16	11	6	G1 1/2" - G 3"	508
150SC903(A)-1.5	220-240	380-415	50	1.50	2.00		49	46	45	41	36	30	24	17	8	G1 1/2" - G 3"	554
150SC904(A)-1.8	220-240	380-415	50	1.80	2.40		65	61	60	55	48	40	32	23	9	G1 1/2" - G 3"	603
150SC905(A)-2.2	220-240	380-415	50	2.20	3.00	H.max (m)	81	75	73	66	58	48	36	24	10	G1 1/2" - G 3"	652
150SC907-3	-	380-415	50	3.00	4.00		116	108	105	96	86	73	55	36	12	G1 1/2" - G 3"	906
150SC909-4	-	380-415	50	4.00	5.50		149	139	135	123	111	94	71	46	18	G1 1/2" - G 3"	1014
150SC912-5.5	-	380-415	50	5.50	7.50		198	185	180	164	148	125	95	61	24	G1 1/2" - G 3"	1176
150SC916-7.5	-	380-415	50	7.50	10.00		264	246	240	219	197	166	126	82	32	G1 1/2" - G 3"	1382

TECH DETAILS

MAXIMUM HEAD.
264 m

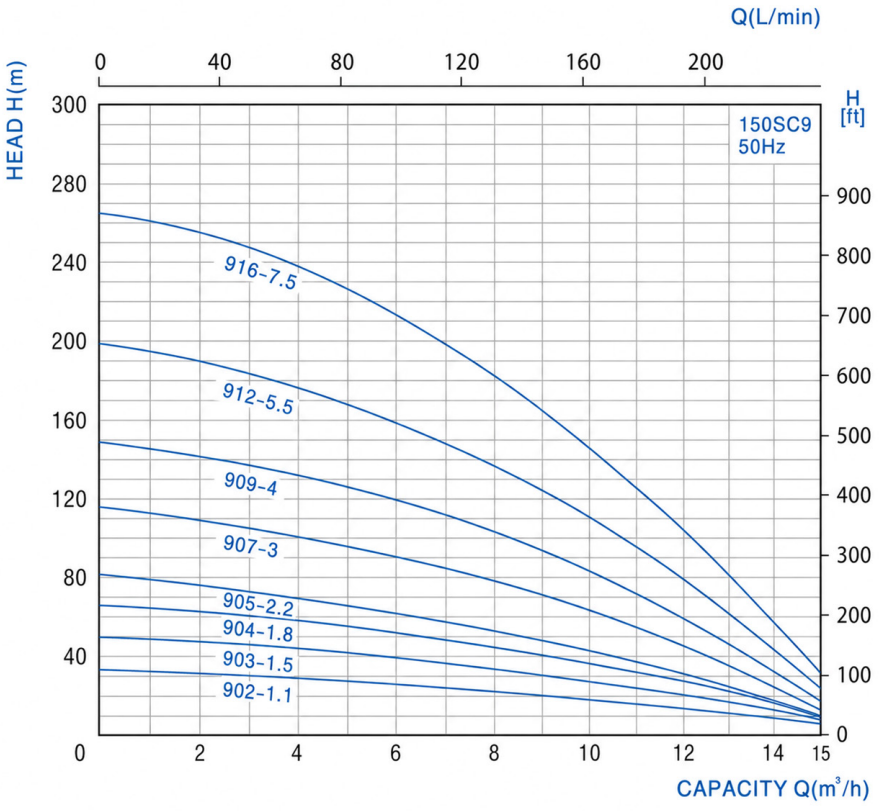
MAXIMUM FLOW
15,8 m³/h

INSULATION CLASS
B

PROTECTION GRADE
IP68

MAXIMUM DIAMETER
Ø150 mm

MAX. LIQUID TEMPERATURE
35C°



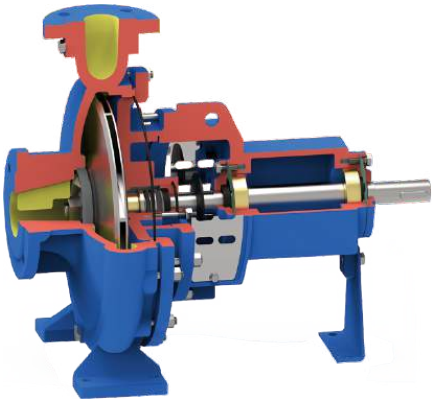
BARE SHAFT PUMPS

Application:

AGRICOLTURE INDUSTRIAL IRRIGATION

Certification:

CE



INDUSTRIAL APPLICATIONS

Cooling and heating systems, process water transfer, HVAC systems and chemically neutral liquids.

AGRICULTURE & LARGE-SCALE WATER MANAGEMENT

Irrigation systems, canals, municipal water supply and booster stations.

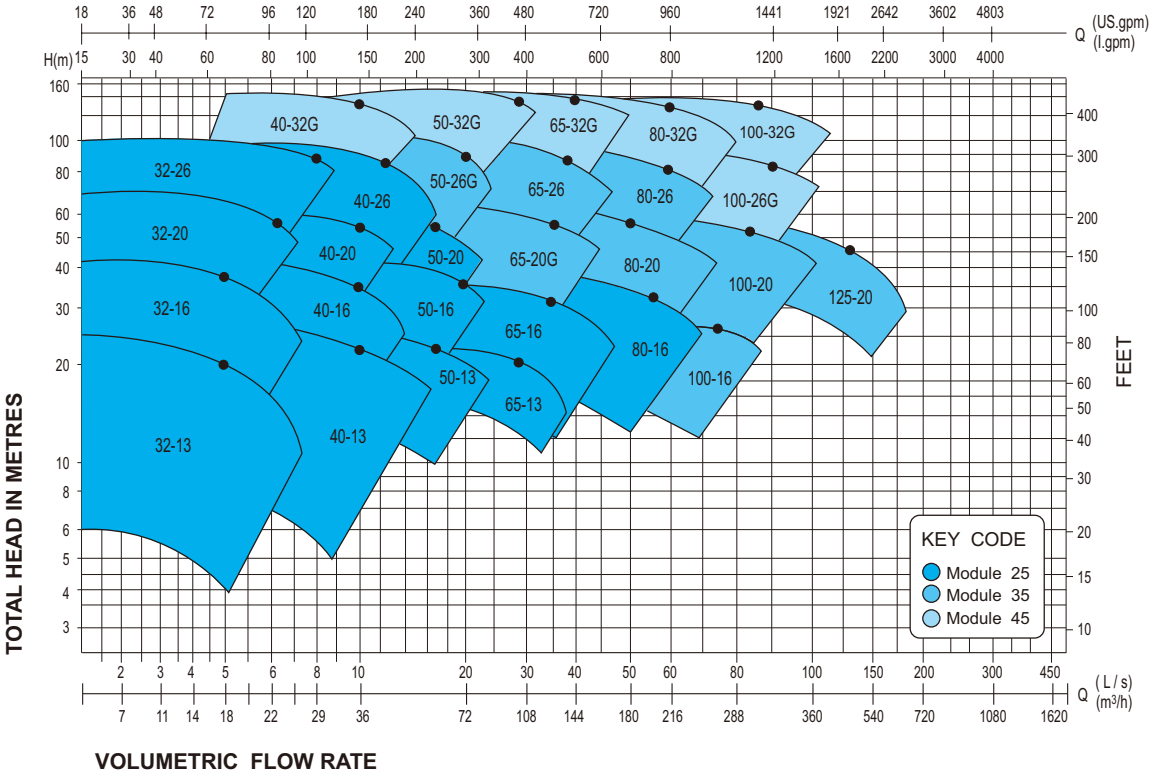
MAIN FIRE-FIGHTING SYSTEMS

Ideal for diesel engine driven sets and reliable operation in emergency.

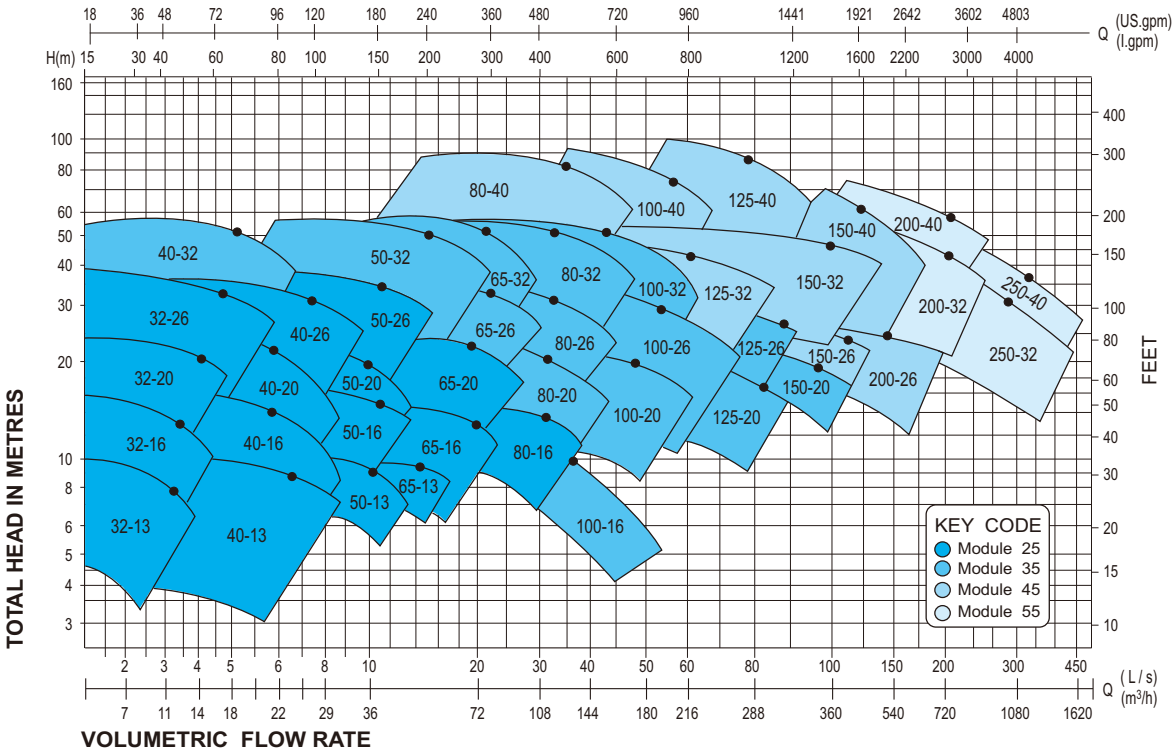
DRAINAGE & FLOOD CONTROL

Land reclamation, canal dewatering, flood control and high-capacity drainage solutions.

2900 rpm



3500 rpm



PRESSURE & WATER SYSTEMS

Reliable solutions for domestic water supply, pressure control and water distribution.

ELECTRONIC PRESSURE CONTROL

- Automatic start/stop of the pump
- Maintains constant water pressure
- Easy installation and operation
- Ideal for domestic water supply and irrigation systems

MECHANICAL PRESSURE CONTROLS

- Precise and reliable pressure control
- For autoclave systems with pressure tank
- Suitable for water pumps and compressors
- Easy setting and installation

PRESSURE TANKS / EXPANSION TANKS

- Horizontal painted steel model
- Vertical stainless steel model
- Reduce pump start/stop cycles
- Suitable for domestic water supply and water storage system

PRESSURE BOOSTER SYSTEMS

- Complete and ready-to-install booster set
- Automatic operation
- Maintains constant
- Ideal for homes and gardens
- Compact and reliable solution

CIRCULATION PUMPS

- Electronic and 3-speed operation
- For heating and hot water circulation
- Suitable for radiators, underfloor heating and
- Ideal for homes and gardens
- Reliable and long lasting

INTELLIGENCE PUMPS

Application:

DOMESTIC HEATING SYSTEM

Certification:

Model	Voltage V	Frequency Hz	Power Watt	Current Amp	Q.Max m^3/h	Q.Head m	Speed mm	Connector size inch
NKAPF204	220	50	0.55	2.5	4.8	30	4300	G1" / G1"
NKAPF204H	220	50	0.65	2.95	4.8	45	5000	G1" / G1"
NKAPF204H	110	50	0.65	2.95	4.8	42	5000	G1" / G1"
NKAPF3-35	220	50	1.05	4.8	4.8	46	5000	G1" / G1"
NKAPF3-45	220	50	1.25	5.7	4.8	60	5000	G1" / G1"

Also available with bluetooth and wi-fi connection

TECH DETAILS

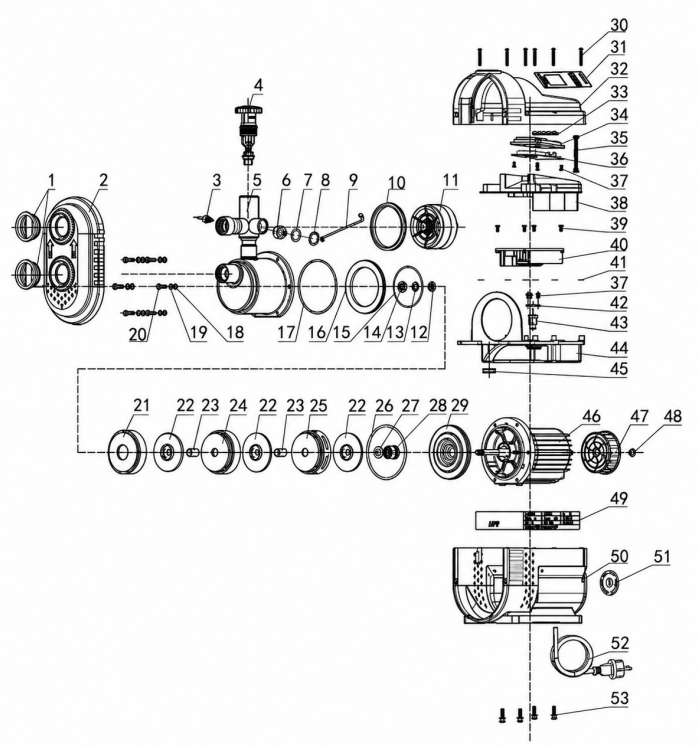
TEMPERATURE RANGE
Liquid temperature: 4°C ~+ 90°C
Environment temperature: ≤ 40°C

ROTOR SHAFT
Stainless Steel welding technology

MOTOR
Permanent magnetic synchronous motor

TEMPERATURE SENSOR
With temperature sensor

Description:



1 Dust Cover
2 Front Housing
3 NTC temperature sensor
4 Pump casing assembly
5 Check valve assembly
6 Pressure sensor
7 Pressure sensor spacer
8 Hole snap ring
9 Pressure tank rubber sealing ring
10 Spring-loaded pressure tank
11 Impeller locking spacer
12 Spring washer
13 Gasket
14 Nut
15 High-low pressure separation plate
16 O-ring
17 Flat Washer
18 Spring Washer
19 Hex Socket Screw
20 Inlet Guide Shell
21 Impeller Assembly
22 Impeller Spacer Sleeve
23 Middle Stage Guide Shell
24 Outlet Guide Shell
25 Pump Cover O-ring
26 Last Stage Shaft Sleeve
27 Mechanical Seal
28 Pump Cover
29 Cross Pan Head Screw
30 Trademark
31 Upper Housing
32 Rubber Key
33 Transparent cover
34 Display board assembly
35 Cross flat head screw
36 Cross pan head screw
37 Main board assembly
38 Cross pan head screw
39 Radiator
40 O-ring
41 Wire Clamp
42 Rubber outlet sleeve
43 Inverter housing
44 Wire Grommet
45 Coil Lead Wire
46 Permanent Magnet Motor Assembly
47 Eddy Current Fan Blade (Counterclockwise)
48 Shaft Retaining Ring
49 Parameter Label
50 Lower Housing
51 Motor Rotation Direction Label (Clockwise)
52 Cable
53 Cross Pan Head Screw

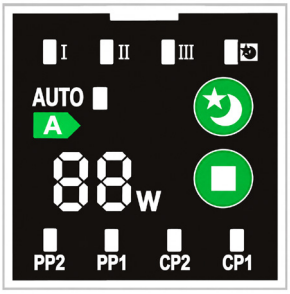
ELECTRONIC CIRCULATION PUMPS

Application:

DOMESTIC HEATING SYSTEM

Certification:

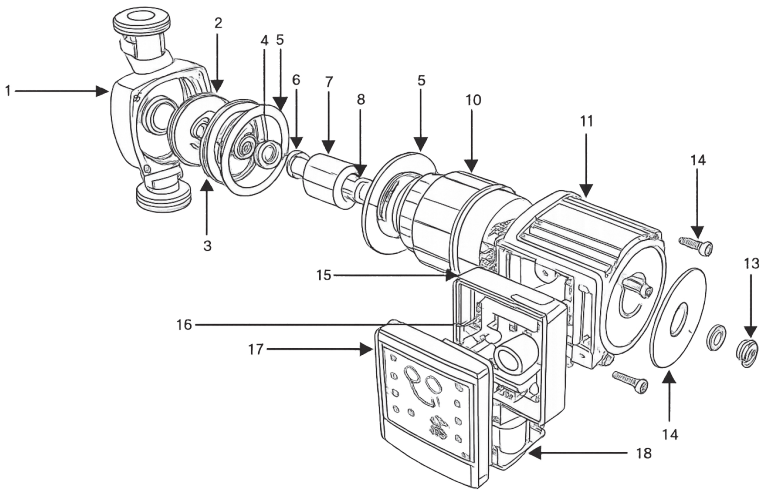
Model	Voltage V	Frequency Hz	Power Watt	Current Amp	Q.Max m^3/h	Q.Head m	lenght mm	Connector size inch	N.W. kg
RS15/4EA	220	50	5-22	0.02-0.10	1.8	4	130	G 1"	2.1
RS25/4EA	220	50	5-22	0.02-0.10	2.6	4	130/180	G 1 1/2"	2.3
RS32/4EA	220	50	5-22	0.02-0.10	3	4	180	G 2"	2.4
RS15/5EA	220	50	5-32	0.02-0.10	2.3	5	130	G 1"	2.1
RS25/5EA	220	50	5-32	0.02-0.10	3.1	5	130/180	G 1 1/2"	2.3
RS32/5EA	220	50	5-32	0.02-0.10	3.4	5	180	G 2"	2.4
RS15/6EA	220	50	5-45	0.02-0.10	2.4	6	130	G 1"	2.1
RS25/6EA	220	50	5-45	0.02-0.10	3.6	6	130/180	G 1 1/2"	2.3
RS32/6EA	220	50	5-45	0.02-0.10	3.6	6	180	G 2"	2.4
RS15/7EA	220	50	5-47	0.02-0.10	2.7	7	130	G 1"	2.1
RS25/7EA	220	50	5-47	0.02-0.10	3.7	7	130/180	G 1 1/2"	2.3
RS32/7EA	220	50	5-47	0.02-0.10	3.7	7	180	G 2"	2.4



Mode	Description
I	Speed I
II	Speed II
III	Speed III
night mode	

Code	Description
PP1	Lowest proportional-pressure curve
PP2	Highest proportional-Pressure curve
CP1	Lowest constant-Pressure curve
CP2	Highest constant-Pressure curve

Description:



1 Pump Body
2 Impeller
3 SS Cover
4 Bearing
5 Gasket
6 Brass Bearing
7 Rotor
8 Ceramic Shafting
9 Shielding
10 Stator
11 Motor Housing
12 Hexagon Socket Screw
13 Exhaust Screw
14 Nameplate
15 Seat of Terminal Box
16 PCB
17 Cover of Terminal Box

ELECTRONIC CIRCULATION PUMPS

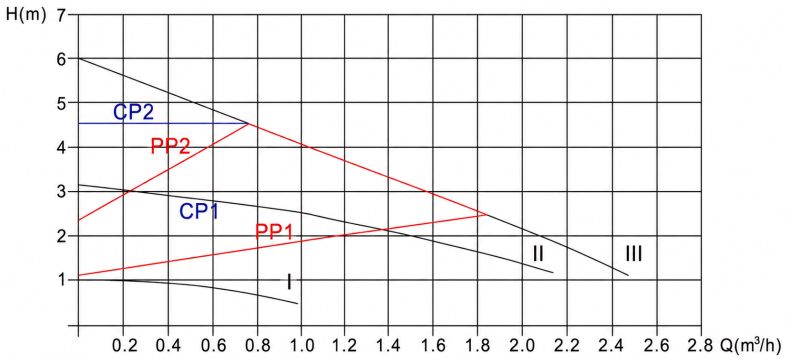
Application:

DOMESTIC HEATING SYSTEM

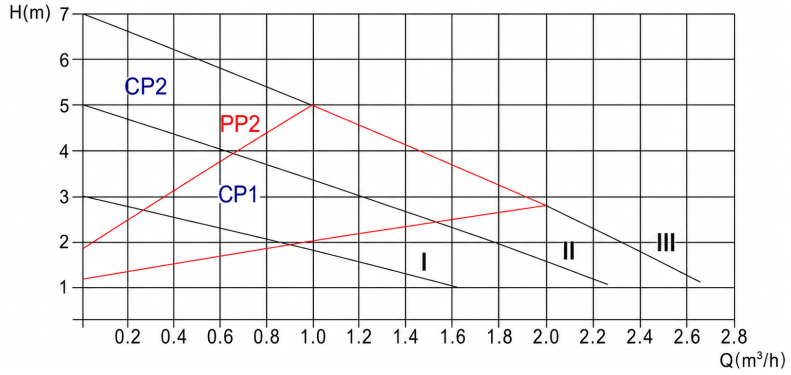
Certification:

CE TÜV SÜD GS

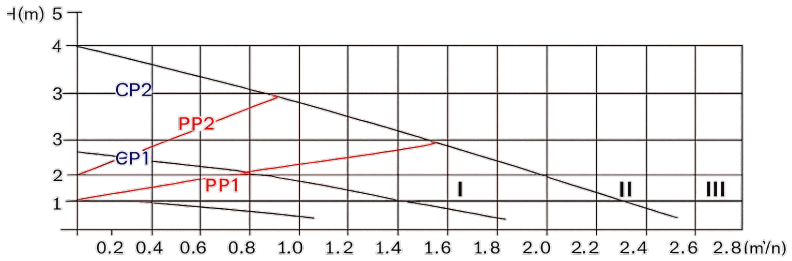
RS15/6EA(EAB)



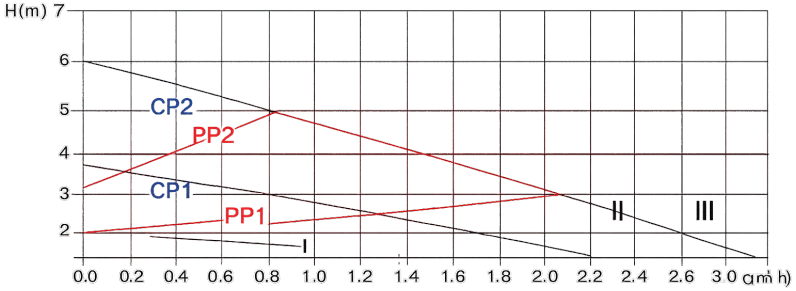
RS15/7EA(EAB)



RS25/4EA(EAB)



RS25/5EA(EAB)



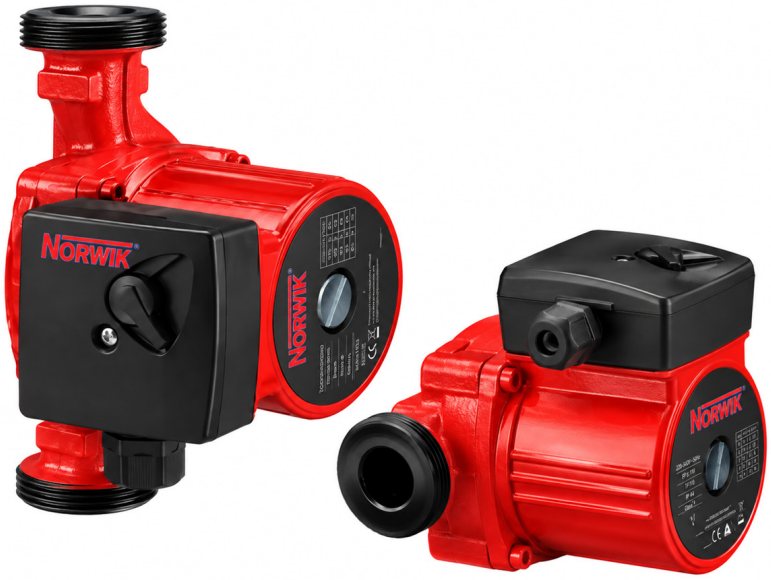
THREE SPEEDS CIRCULATION PUMPS

Application:

DOMESTIC HEATING SYSTEM

Certification:

Model	Voltage V	Frequency Hz	Power Watt	Current Amp	Q.Max m^3/h	Q.Head m	lenght mm	Connector size inch	N.W. kg
RS15/4G-130	220	50	72/53/38	0.33/0.24/0.17	2.3/1.7/0.8	4.5/4/3	130	G 1"	2.2
RS20/4G-130	220	50	72/53/38	0.33/0.24/0.17	2.3/1.7/0.8	4.5/4/3	130	G 1 1/4"	2.2
RS25/4G-130	220	50	72/53/38	0.33/0.24/0.17	2.9/2.1/1.3	4.5/4/3	130	G 1 1/2"	2.3
RS25/4G-180	220	50	72/53/38	0.33/0.24/0.17	3.4/2.3/1.3	4.5/4/3	180	G 1 1/2"	2.40
RS32/4G-180	220	50	72/53/38	0.33/0.24/0.17	3.4/2.3/1.3	4.5/4/3	180	G 2"	2.60
RS12/6G-130	220	50	93/67/46	0.33/0.24/0.17	1.8/1.2/0.8	6/5/3	130	G 3/4"	2.1
RS15/6G-130	220	50	93/67/46	0.33/0.24/0.17	2.6/2.0/1.2	6/5/3	130	G 1"	2.30
RS20/6G-130	220	50	93/67/46	0.33/0.24/0.17	3.3/2.3/1.3	6/5/3	130	G 1 1/4"	2.40
RS25/6G-130	220	50	93/67/46	0.33/0.24/0.17	3.3/2.3/1.3	6/5/3	130	G 1 1/2"	2.40
RS25/6G-180	220	50	93/67/46	0.33/0.24/0.17	3.9/2.9/1.6	6/5/3	180	G 1 1/2"	2.50
RS32/6G-180	220	50	93/67/46	0.33/0.24/0.17	3.9/2.9/1.6	6/5/3	180	G 2"	2.70



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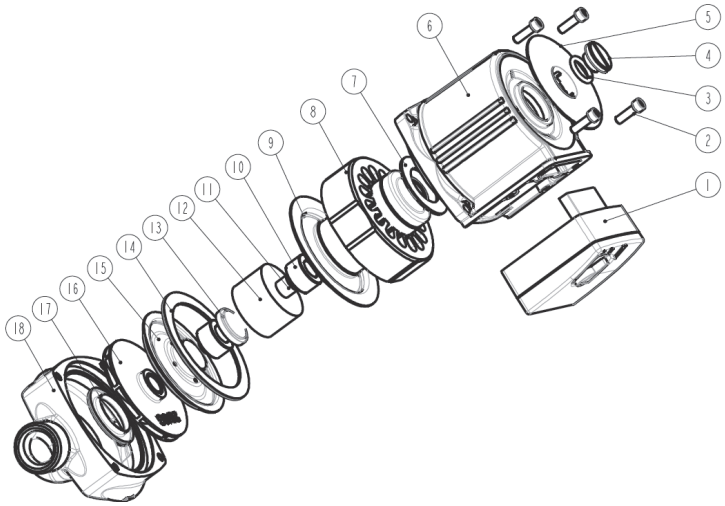
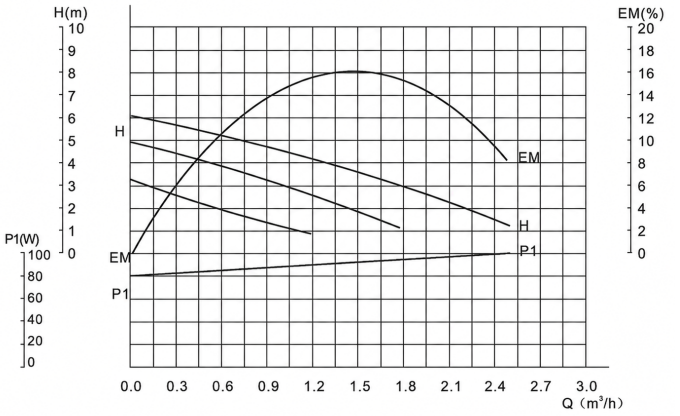
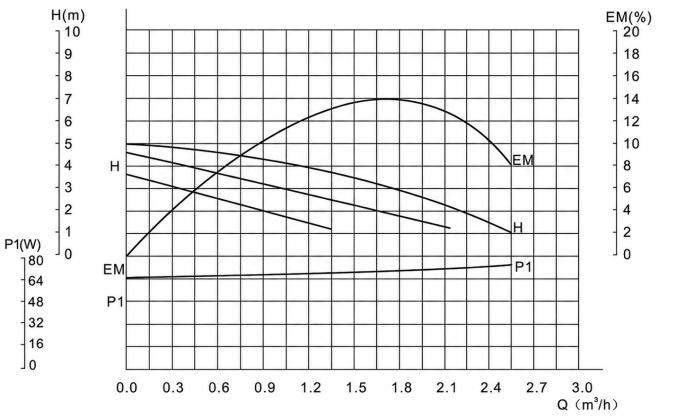


1 Capacitor Box
2 SS Screw
3 Screw Gasket
4 Brass Screw
5 Nameplate
6 Motor Housing
7 Gasket
8 Stator
9 Rotor Can
10 Bearing
11 Shaft
12 Rotor
13 Thrust Gasket
14 Gasket
15 SS Cover
16 Impeller
17 Insert Fitting
18 Pump Body

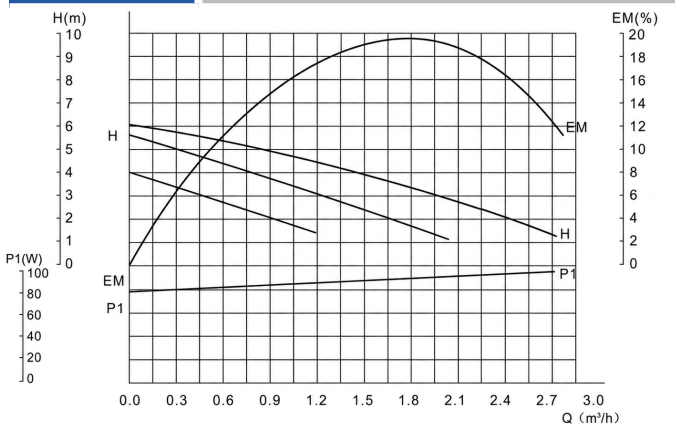
RS12/6G(T/E)



RS12/6G(T/E)



RS12/6G(T/E)



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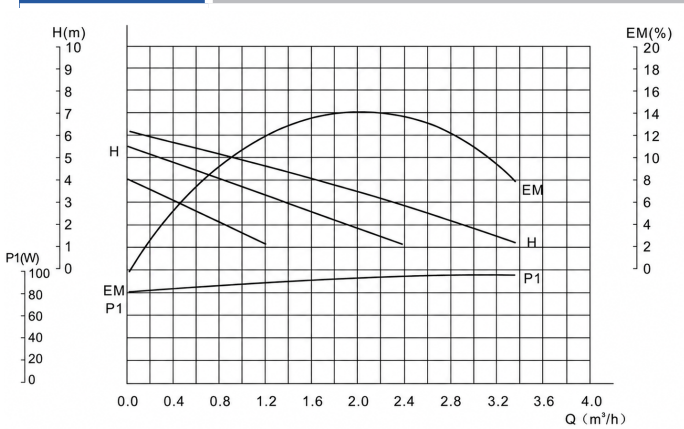
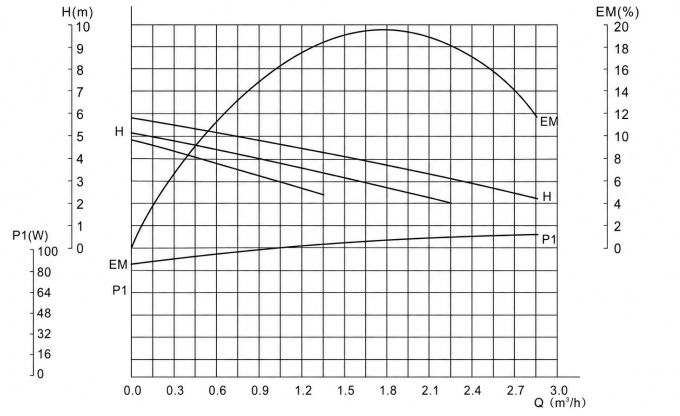


RS12/6G(T/E)



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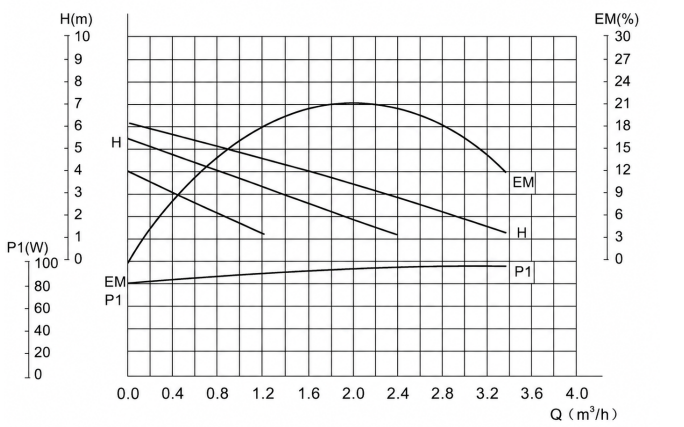
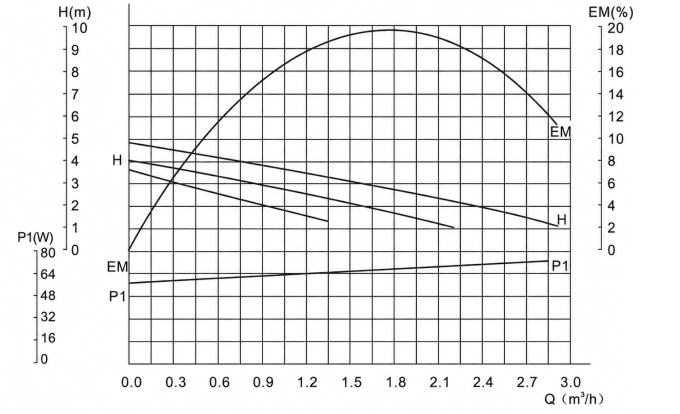


RS12/6G(T/E)



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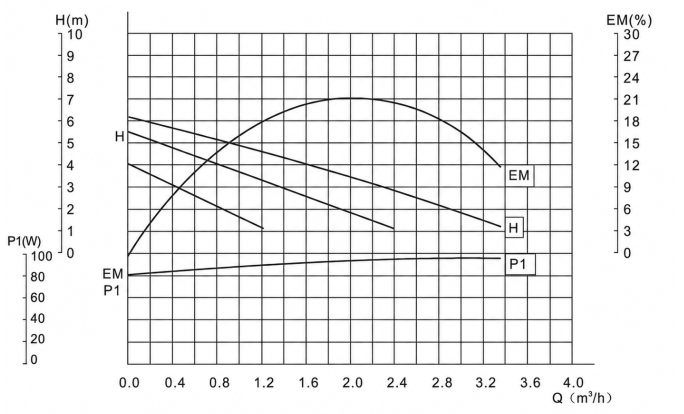


AUTOMATIC BOOSTER KIT

Application:

BUILDING DOMESTIC

Certification:

CE

Model	Voltage V	Frequency Hz	Power KW	Power HP	H.max m	Q.max L/min	Tank capacity L	Tank located L	Suggested pressure Setting bar	Protection	Tot. suction m	Size inch	N.W. kg
AUQB60	230	50	0.37	0.50	35	30	24	Horizontal	1.2-2.2	IP44	9	G 1" X 1"	10
AUQB70	230	50	0.55	0.75	40.6	45	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	12.8
AUQB80	230	50	0.75	1.00	40.6	50	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	13.2
AUJS60	230	50	0.37	0.50	35	39	24	Horizontal	1.2-2.4	IP44	9	G 1" X 1"	11.6
AUJS80	230	50	0.55	0.75	40	45	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	12.8
AUJS100	230	50	0.75	1.00	45	53	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	13.2
AUCPM130	230	50	0.37	0.50	20	80	19	Horizontal	0.8 -1.8	IP44	9	G 1" X 1"	14
AUCPM146	230	50	0.55	0.75	25	110	19	Horizontal	0.8-1.8	IP44	9	G 1" X 1"	17.5
AUCPM158	230	50	0.75	1.00	30	118	19	Horizontal	1.0-2.4	IP44	9	G 1" X 1"	18.5

AUQB

AUJS

AUCPM

Model	Voltage V	Frequency Hz	Power KW	Power HP	H.max m	Q.max L/min	Tank capacity L	Tank located L	Suggested pressure Setting bar	Protection	Tot. suction m	Size inch	N.W. kg
AUJET60S	230	50	0.37	0.50	35	40	24	Horizontal	1.2-2.4	IP44	9	G 1" X 1"	16.6
AUJET80S	230	50	0.55	0.75	40.6	45	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	17.1
AUJET100S	230	50	0.75	1.00	40.6	53	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	17.7
AUJM60	230	50	0.37	0.50	35	40	24	Horizontal	1.2-2.4	IP44	9	G 1" X 1"	17.1
AUJM80	230	50	0.55	0.75	40.6	47	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	21.1
AUJM100	230	50	0.75	1.00	40.6	55	24	Horizontal	1.4-2.8	IP44	9	G 1" X 1"	22.1

AUJET

AUJM

ELECTRONIC PRESSURE CONTROLLERS

Application: BUILDING, DOMESTIC, WATER PUMP OUT, GARDENING

Certification: CE

Model	Voltage V	Frequency Hz	Max Power KW	Max working pressure Bar	Starting pressure setting Bar	Adjustable pression range Bar	Protection rating	Max working temperature C	Size inch
EPC-1	220-240	50	1.10	10	1.2 - 1.5 -2.2	1.2-3.0	IP65	55°	G 1" - G 1 1/4" - G 1 1/2" - NPT 1"
EPC-1	110-120	50	0.55	10	1.2 - 1.5 -2.2	1.2-3.0	IP65	55°	G 1" - G 1 1/4" - G 1 1/2" - NPT 1"
EPC-1	110-240	50	0.55	10	1.2 - 1.5 -2.2	1.2-3.0	IP65	55°	G 1" - G 1 1/4" - G 1 1/2" - NPT 1"
EPC-2	220-240	50	1.10	10	1.2 - 1.5 -2.2	1.2-3.0	IP65	55°	R 1"
EPC-2	110-120	50	0.55	10	1.2 - 1.5 -2.2	1.2-3.0	IP65	55°	R 1"
EPC-2	110-240	50	0.55	10	1.2 - 1.5 -2.2	1.2-3.0	IP65	55°	R 1"
EPC-12	110-240	50	1.10	8	0.5-6.7	0.5-6.7	IP65	60°	G 1"
EPC-17	110-240	50	2.20	10	0.5-6.7	0.5-9.3	IP65	60°	G 1"

FLOAT CONTROLLERS

Application: BUILDING, DOMESTIC, WATER PUMP OUT, GARDENING, INDUSTRIAL, IRRIGATION

Certification: CE

Model	Voltage V	Frequency Hz	"Rated current" A	Protection rating	Max working temperature C
FPS-1	250	50	16(8)	IP68	55°
FPS-2	250	50	16(8)	IP68	55°
FPS-3	250	50	16(8)	IP68	55°
FPS-4	250	50	16(8)	IP68	55°

PRESSURE SWITCHES

Application:

BUILDING DOMESTIC FIRE FIGHTING HEATING SYSTEM INDUSTRIAL IRRIGATION

Certification:

CE cULus LISTED

Model	Voltage V	Frequency Hz	Rated current A	Min. cut-in Psi	Max. cut-in Psi	Pressure range Psi	Protection rating	Max working temperature C	Screw size inch
KRS-1	110-240	50	12	20	175	20-40 30-50 40-60 50-70 80-100	IP20	55°	Female: 1/4"" - 3/8" Male: 1/4"
KRS-2	110-240	50	12	20	100		IP20	55°	
KRS-3	110-240 / 400	50	16(8)	15	100		IP44	55°	

Available flange:

STEEL WITH YELLOW ZINC PLATING

STEEL WITH WHITE ZING PLATING

PLASTIC WITH STEEL BASE WITH WHITE PLATING

ELECTRIC PRESSURE CONTROLLERS

Application:

BUILDING DOMESTIC FIRE FIGHTING HEATING SYSTEM INDUSTRIAL IRRIGATION

Certification:

CE

Model	Voltage V	Pressure range bar Min	Pressure range bar Max	Differential bar Min	Differential bar Max	Pre setting bar Min	Pre setting bar Max	Max bellows Pressure bar	Connector size inch
HLP503	50	-0.7	3	0.2	1.5	2	1	16.5	G 1/4" - G 7/16"
HLP506	50	-0.7	6	0.6	4	3	2	16.5	G 1/4" - G 7/16"
HLP506M	50	-0.7	6	Duplicate voltage disparity ≤ 1		3	Manual reset	16.5	G 1/4" - G 7/16"
HLP110	50	1	10	1	3	6	5	16.5	G 1/4" - G 7/16"
HLP516	50	5	16	1	4	10	8	35	G 1/4" - G 7/16"
HLP520	50	5	24	2	5	16	13	35	G 1/4" - G 7/16"
HLP530D	50	5	30	5	10	20	15	35	G 1/4" - G 7/16"
HLP530	50	8	30	Fixed 3-5		20	15-17	35	G 1/4" - G 7/16"
HLP530M	50	8	30	Duplicate voltage disparity ≤ 4		20	Manual reset	35	G 1/4" - G 7/16"

HORIZONTAL TANKS

Application:

BUILDING DOMESTIC HEATING SYSTEM INDUSTRIAL

Certification:

CE

Model	Tank capacity Lt	Type	Material	Membrane	Max pressure Bar	Precharge pressure Bar	Thickness available mm	Working temperature C	Connector Size inch
NK-H-20	20	Horizontal	carbon steel/stainless steel	EPDM	8/10	1.8	0.9 1.0 1.2	-10°/99°	G 1" / NPT 1"
NK-H-24	24	Horizontal	carbon steel/stainless steel	EPDM	8/10	1.8	.9 1.0 1.2	-10°/99°	G 1" / NPT 1"
NK-H-50	50	Horizontal	carbon steel/stainless steel	EPDM	8/10/16	1.8	0.9 1.0 1.5	-10°/99°	G 1" / NPT 1"
NK-H-60	60	Horizontal	carbon steel/stainless steel	EPDM	8/10/16	1.8	0.9 1.0 1.5	-10°/99°	G 1" / NPT 1"
NK-H-80	80	Horizontal	carbon steel/stainless steel	EPDM	8/10/16	1.8	0.9 1.0 1.5	-10°/99°	G 1" / NPT 1"
NK-H-100	100	Horizontal	carbon steel/stainless steel	EPDM	8/10/16	1.8	0.9 1.0 1.5 2.5	-10°/99°	G 1" / NPT 1"

Also availabe with diaphragm

VERTICAL TANKS

Application:

BUILDING DOMESTIC HEATING SYSTEM INDUSTRIAL

Certification:

CE

Model	Tank capacity Lt	Type	Material	Membrane	Max pressure Bar	Precharge pressure Bar	Thickness available mm	Working temperature C	Connector Size inch
NK-V-24	24	Vertical	carbon steel/stainless steel	EPDM	8/10	1.80	0.9 1.0 1.2	-10°/99°	G 1" / NPT 1"
NK-V-50	50	Vertical	carbon steel/stainless steel	EPDM	8/10/16	1.80	1.0 1.2 1.5	-10°/99°	G 1" / NPT 1"
NK-V-60	60	Vertical	carbon steel/stainless steel	EPDM	8/10/16	1.80	1.0 1.2 1.5	-10°/99°	G 1" / NPT 1"
NK-V-80	80	Vertical	carbon steel/stainless steel	EPDM	8/10/16	1.80	1.0 1.2 1.5	-10°/99°	G 1" / NPT 1"
NK-V-100	100	Vertical	carbon steel/stainless steel	EPDM	8/10/16	1.80	1.0 1.2 1.5 2.5	-10°/99°	G 1" / NPT 1"
NK-V-200	200	Vertical	carbon steel/stainless steel	EPDM	10/16	2.5/4	1.2 1.5 2.5	-10°/99°	G 1" / NPT 1"
NK-FV-24	24	Vertical flat	carbon steel/stainless steel	EPDM	8/10	1.80	0.8 0.9 1.0 1.2	-10°/99°	G 1" / NPT 1"
NK-R-24	24	Vertical round	carbon steel/stainless steel	EPDM	8/10	1.80	0.8 0.9 1.0 1.2	-10°/99°	G 1" / NPT 1"

Also availabe with diaphragm

12 kW

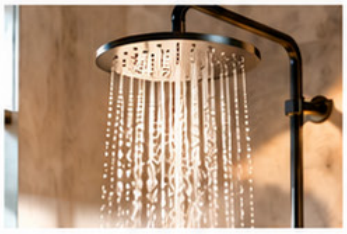
INSTANT ELECTRONIC WATER HEATER

- Constant temperature and precise control
- High energy efficiency
- Digital display and easy operation
- Multiple safety protections
- Compact design, easy installation

12 kW

INSTANT ELECTRIC WATER HEATER

- Manual temperature adjustment
- Reliable and efficient performance
- Easy installation and low maintenance
- Ideal for domestic and light commercial use
- Safe and durable operation



SHOWERS

Instant and continuous hot water for a more comfortable shower.

BATHROOMS

Reliable hot water for daily needs.

KITCHENS

Hot water on demand for washing and cleaning.

LAUNDRY

Practical solution for laundry and utility areas.

INSTANT ELECTRIC WATER HEATERS - NK602

Application:

BUILDING DOMESTIC

Certification:

CE

NK602						
Voltage	220V					
Frequency	50 Hz					
Temperature increase in °C		+8		+18		+25
Power (kw/hr)	Minimum	3	Medium	7.8	Maximum	10.8
Theoretical power consumption (Amp)		13.5		35.5		49
Water pressure	Minimum 3 psi			Maximum 85 psi		
Water flow rate @ 25°C	7.2 Lts/min					
Water connection (1/2" NPT)	Cold (right side)			Hot (left side)		
Dimensions	32 x 23 x 13cm					
Net weight	3.4 kg					

INSTANT ELECTRONIC WATER HEATERS - NK12E

Application:

BUILDING DOMESTIC

Certification:

CE

NK12E	Name of major components	Materials/ specifications	Name of major components	Materials/ specifications
Product configuration	Hull	Plastic casing (ABS)	Power panel	FR 14 double panel-220V
	Inner tank	Stainless steel inner tank	Heating element	220V - 12 KW / 316L
	Inlet and outlet joints	Stainless steel G1/2 thread	Control panel	Liquid Crystal Display
	Internal plumbing	Stainless steel	Thermostat	T7-95° 250V 60A
	Temperature probe	304 + copper / S8*25 / 400mm wire length with 350mm glass fiber tube / 100K	Internal connection line	8AWG + 10AWG temperature resistance 150°C
	Flow sensor	"5VDC/G1/2 external toot		
Technical characteristics	Start	1.5L/min	Rated pressure	0.1-1.2Mpa
	Rated voltage/ current/frequency	220-240V/50Hz	Temperature settings	25-55 °C
	Max Power	12 KW	Protection level	IPX4

FLEX HOSES

Certification: CE

Model	Material	Type	Lenght cm	Diameter mm	Connector inch
NK-SPFH-60-1	Aluminium wire + EPDM membrane + brass connector	One head straight + one head straight curve	60	27	G 1
NK-SPFH-100-1	Aluminium wire + EPDM membrane + brass connector	One head straight + one head straight curve	100	27	G 1
NK-SPFH-60-2	Aluminium wire + EPDM membrane + brass connector	One head straight + one head curve	60	33	G 1
NK-SPFH-60-4	Aluminium wire + EPDM membrane + brass connector	Two head straight	60	32	G 1 1/4
NK-SPFH-50-1	Stainless steel 201 + EPDM membrane+ brass connector	One head straight + one head curve	50	33	NPT 1
NK-SPFH-80-1	Stainless steel 201 + EPDM membrane+ brass connector	One head straight + one head curve	80	33	NPT 1
NK-SPFH-80-2	Stainless steel 201 + EPDM membrane+ brass connector	Two head straight	80	33	NPT 1

5 WAY CONNECTORS

Certification: CE

Model	Material	Lenght mm	Weight g	Connector size inch
NK-SPBF-5	Brass	90	170	G-F1"XF1"XM1"XF1/4"XM1/4"
NK-SPBF-5A	Brass	90	190	G-F1"XF1"XM1"XF1/4"XM1/4"
NK-SPBF-5B	Brass	90	245	G-F1"XF1"XM1"XF1/4"XM1/4"
NK-SPBF-5C	Brass	110	245	G-F1"XF1"XM1"XF1/4"XM1/4"
NK-SPBF-5D	Brass	110	270	G-F1"XF1"XM1"XF1/4"XM1/4"
NK-SPBF-5E	Brass	110	330	G-F1"XF1"XM1"XF1/4"XM1/4"
NK-SPBF-5F	Brass	90	200	G-F1"XF1"XM1"XF1/4"XM1/4"

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