



SUBMERSIBLE PUMP

INTELLIGENT FLOW FOR GOOD



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Website



Facebook

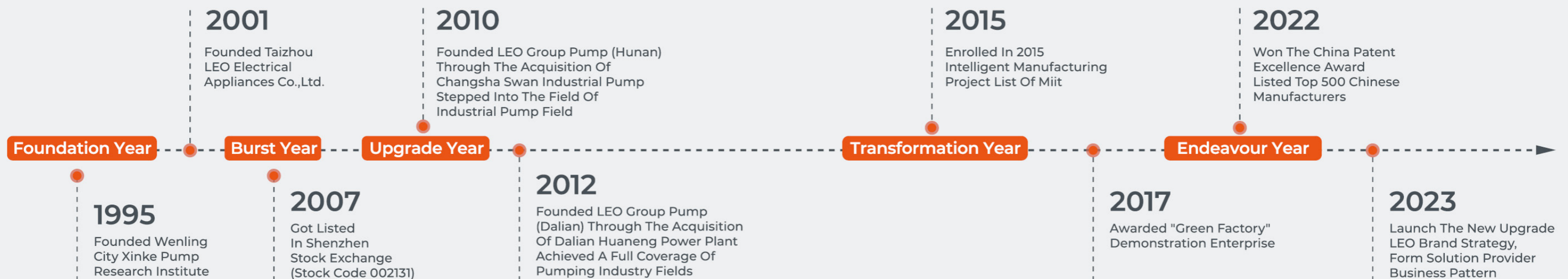


YouTube



Intelligent Flow For Good

As a reliable partner on intelligent fluid solutions, LEO Pump is engaged in R&D, manufacturing, sales and service of all series pumps and systems. By covering the industry of building, municipal, water conservation, power, energy, OEM, domestic and garden, Leo is committed to bring the intelligent water into every industry field and application, helping people around the world enjoy high quality water life, government and business partners achieve green transformation, and promoting high quality economic growth and sustainable social development.



LEO WORLD



LEO IN NUMBERS

5

Production Bases

8

Overseas Subsidiaries

6,000,000⁺

Pumps Produced Yearly

160⁺

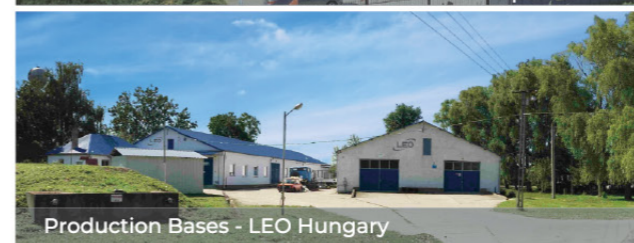
Countries

15,000⁺

Global Sales Outlets

500⁺

Million End-users Served



QUALITY MANAGEMENT SYSTEM

- ISO9001:2015 Quality management system
- ISO14001:2015 Environmental management system Certificate
- ISO45001:2018 Occupational health & safety Management system certification
- ISO50001: 2018 Energy management system certificate
- CE. GS. UL. CSA and ETL qualification



ISO 9001





Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
- Pumping sewage form hotels, restaurants, schools and public buildings

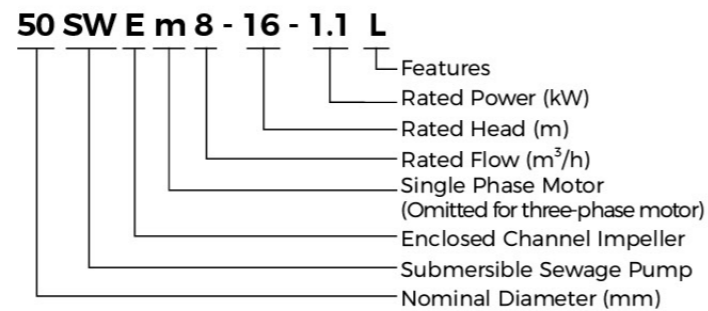
Pump

- High-efficiency & anti-clogging enclosed channel impeller
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤1.1 kw)
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

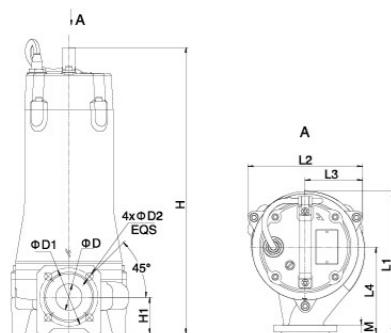
Identification Codes



Technical Data

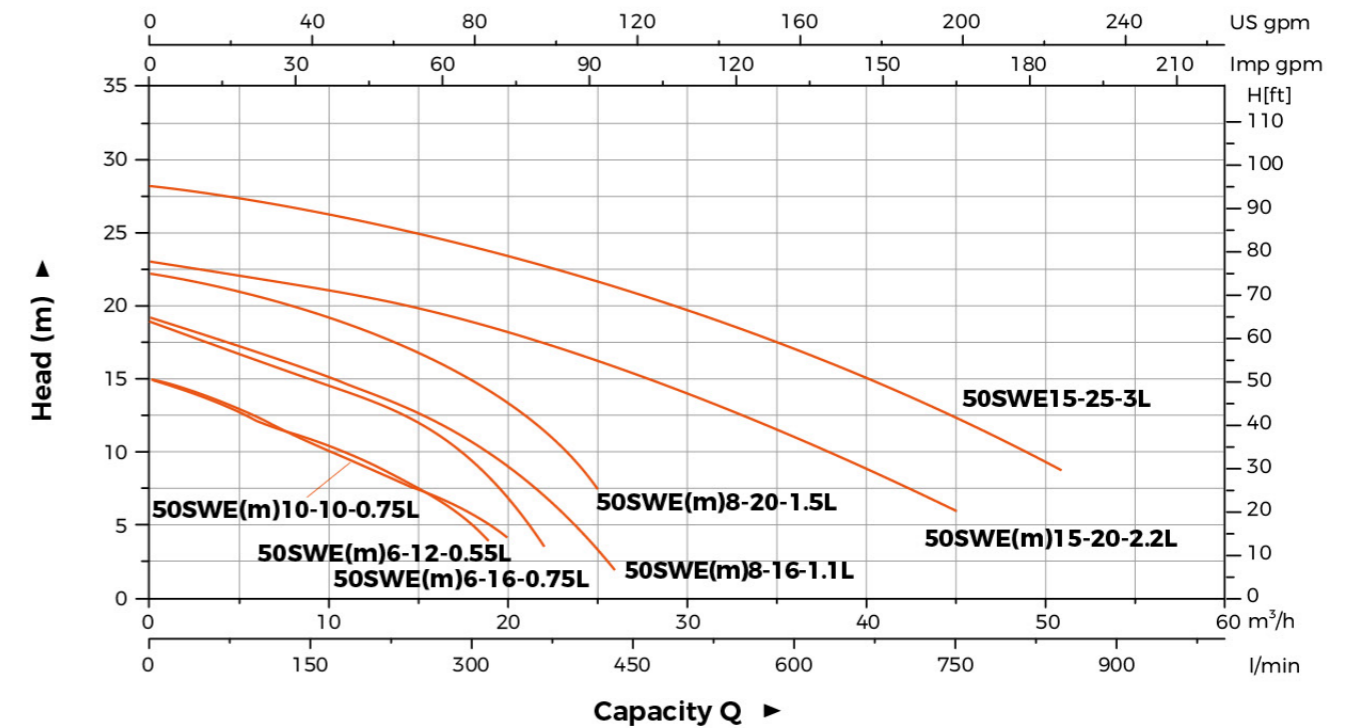
Model		Diameter	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m ³ /h	m ³ /h	m	m	mm
50SWEm6-12-0.55L	50SWE6-12-0.55L	50 (2")	0.55	0.75	6	19	12	15	20
50SWEm6-16-0.75L	50SWE6-16-0.75L	50 (2")	0.75	1	6	22	16	19	20
50SWEm10-10-0.75L	50SWE10-10-0.75L	50 (2")	0.75	1	10	20	10	15	20
50SWEm8-16-1.1L	50SWE8-16-1.1L	50 (2")	1.1	1.5	8	26	16	19	15
50SWEm8-20-1.5L	50SWE8-20-1.5L	50 (2")	1.5	2	8	25	20	22	15
50SWEm15-20-2.2L	50SWE15-20-2.2L	50 (2")	2.2	3	15	45	20	23	25
-	50SWE15-25-3L	50 (2")	3	4	15	51	25	27	25

Dimension



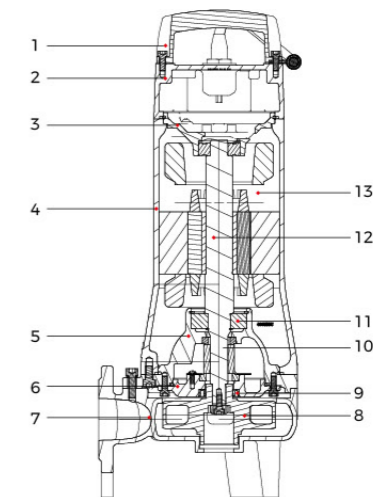
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H(mm)		H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
					1~	3~					
50SWE(m)6-12-0.55L	212	184	96	120	461	461	65	45	110	14	14
50SWE(m)6-16-0.75L					479	479					
50SWE(m)10-10-0.75L	210	191	135	135	570	529	70	50	14	16	16
50SWE(m)8-16-1.1L	223				571	530					
50SWE(m)8-20-1.5L	227	221	112	163	-	561	70	50	14	16	16
50SWE(m)15-20-2.2L	268				-	561					
50SWE15-25-3L	-	50.6	874	284	363	316					

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper:SiC/Carbon Lower:SiC/SiC
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1~	3~				
50SWE(m)6-12-0.55L	24.7	24	740	250	275	544
50SWE(m)6-16-0.75L	26	25.3	740	250	275	544
50SWE(m)10-10-0.75L	25.8	25	740	250	275	544
50SWE(m)8-16-1.1L	33	31.4	745	285	355	354
50SWE(m)8-20-1.5L	40	37.7	924	284	363	294
50SWE(m)15-20-2.2L	41.9	40.3	924	284	363	294
50SWE15-25-3L	-	50.6	874	284	363	316



Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
- Pumping sewage form hotels, restaurants, schools and public buildings

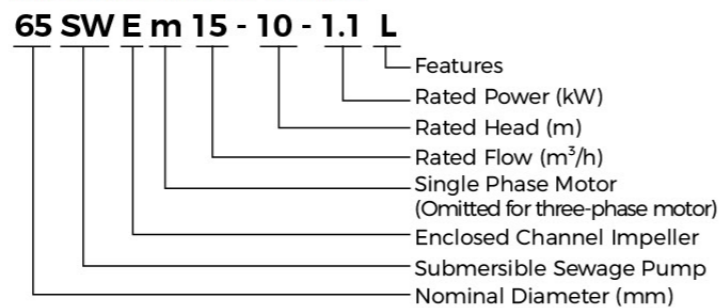
Pump

- High-efficiency & anti-clogging enclosed channel impeller
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤1.1 kw)
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

Identification Codes

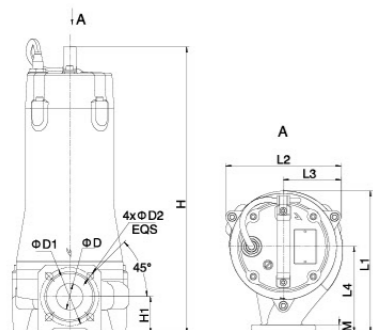


Technical Data

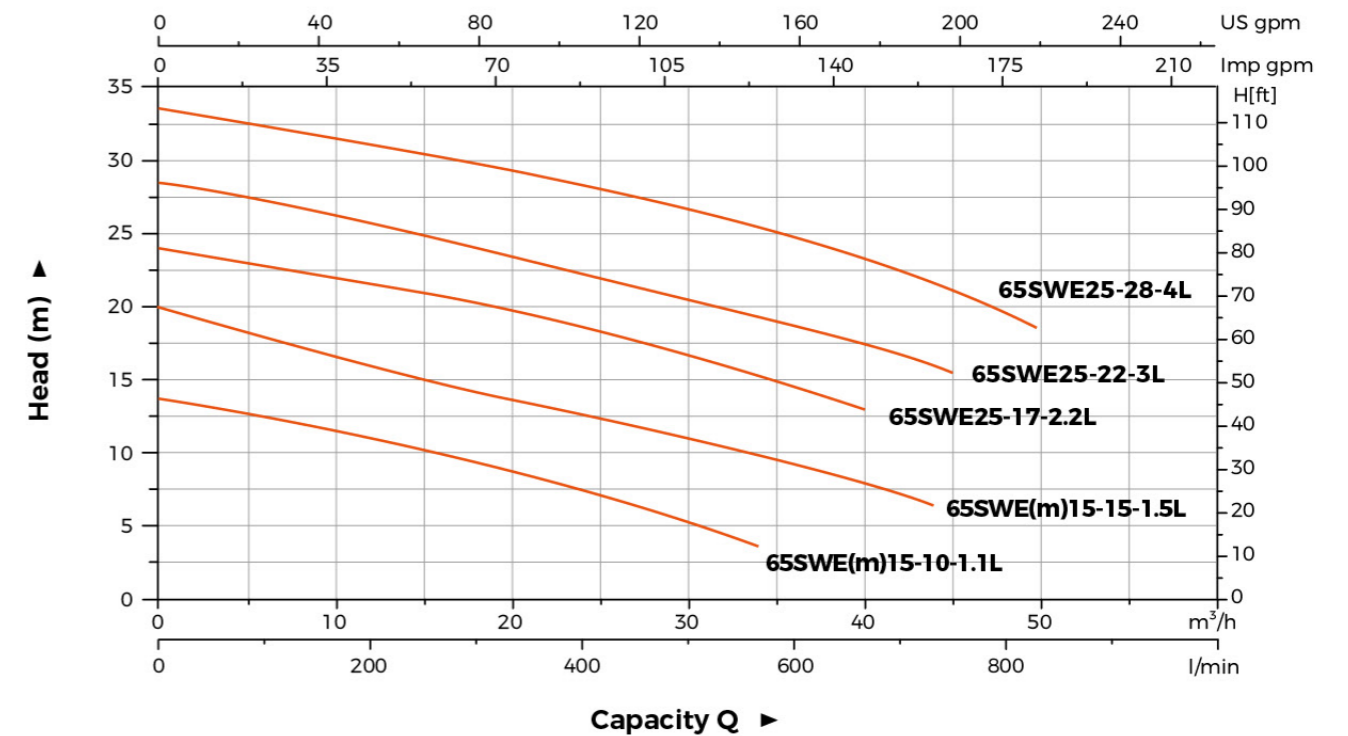
Model		Diameter	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m	mm
65SWE m 15-10-1.1L	65SWE15-10-1.1L	65 (2.5")	1.1	1.5	15	34	10	14	25
65SWE m 15-15-1.5L	65SWE15-15-1.5L	65 (2.5")	1.5	2	15	44	15	20	25
-	65SWE25-17-2.2L	65 (2.5")	2.2	3	25	40	17	24	25
-	65SWE25-22-3L	65 (2.5")	3	4	25	45	22	28.5	25
-	65SWE25-28-4L	65 (2.5")	4	5.5	25	50	28	31.5	25

Dimension

Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)		H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
					1-	3-					
65SWE(m)15-10-1.1L	288	225	117	178	490	490	77.5	65	130	14	16
65SWE(m)15-15-1.5L					581	540					
65SWE25-17-2.2L					540						
65SWE25-22-3L											
65SWE25-28-4L					571						

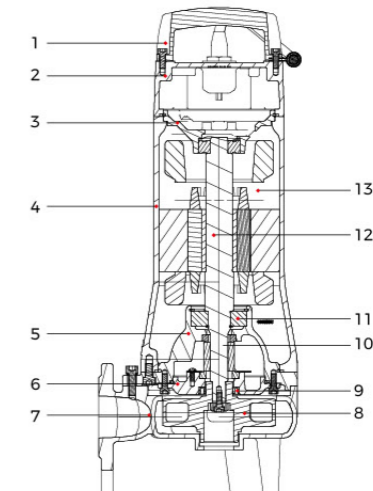


Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper: Sic/Carbon Lower: Sic/Sic
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1-	3-				
65SWE(m)15-10-1.1L	36.1	34.6	745	285	355	354
65SWE(m)15-15-1.5L	43.5	41.2	924	284	363	294
65SWE25-17-2.2L	-	44	924	284	363	294
65SWE25-22-3L	-	52	874	284	363	316
65SWE25-28-4L	-	55	874	284	363	316



Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
- Pumping sewage form hotels, restaurants, schools and public buildings

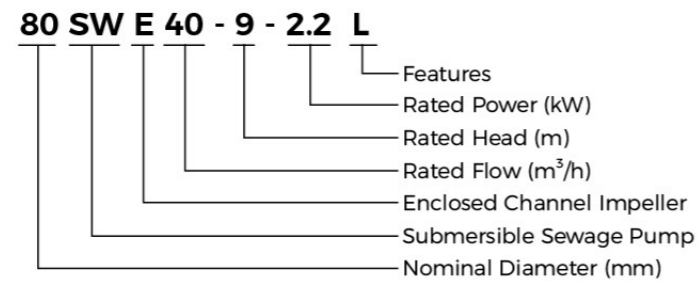
Pump

- High-efficiency & anti-clogging enclosed channel impeller
- Flexible installations with hoses, pipes or quick-coupling systems
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

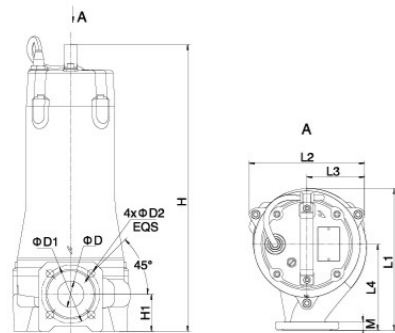
- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

Identification Codes



Technical Data

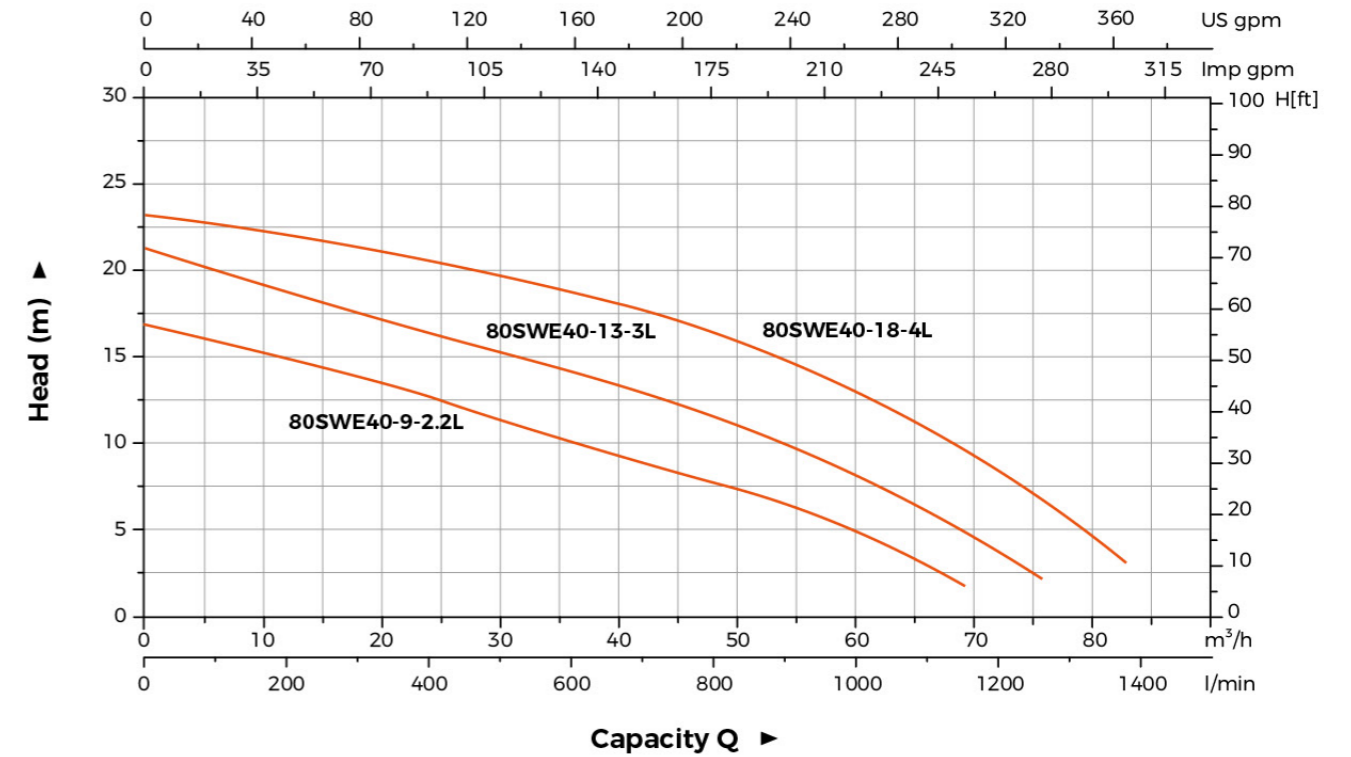
Model	Diameter	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
	mm (inch)	kW	HP	m ³ /h	m ³ /h	m	m	mm
80SWE40-9-2.2L	80(3")	2.2	3	40	69.5	9	17	30
80SWE40-13-3L	80(3")	3	4	40	76	13	21	30
80SWE40-18-4L	80(3")	4	5.5	40	83	18	23	30



Dimension

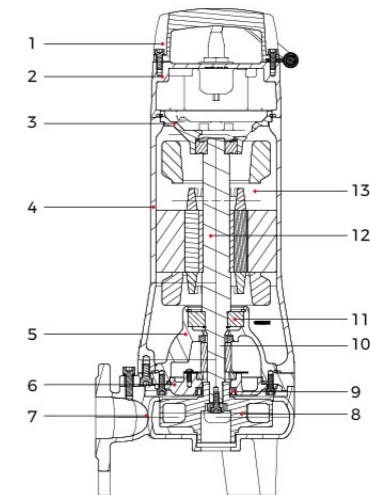
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)	H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
80SWE40-9-2.2L	265	223	112	160	557	86	80	150	18	16
80SWE40-13-3L										
80SWE40-18-4L										

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper:SiC/Carbon Lower:SiC/SiC
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	CW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
80SWE40-9-2.2L	43.6	924	284	363	294
80SWE40-13-3L	54.4	874	284	363	316
80SWE40-18-4L	55.7	874	284	363	316



Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
- Pumping sewage form hotels, restaurants, schools and public buildings

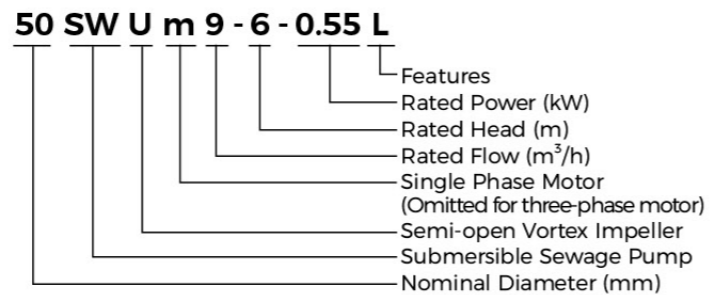
Pump

- Open vortex impeller, suitable for liquid containing impurities and long fiber substance
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤ 1.1 kw)
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

Identification Codes



(Hose coupling as standard.
Flange elbow is optional.)

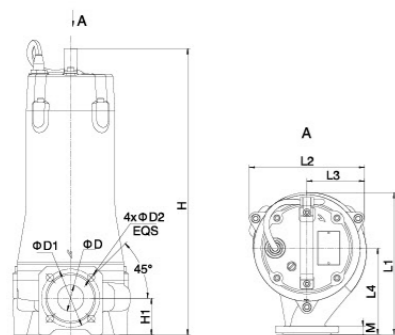


Technical Data

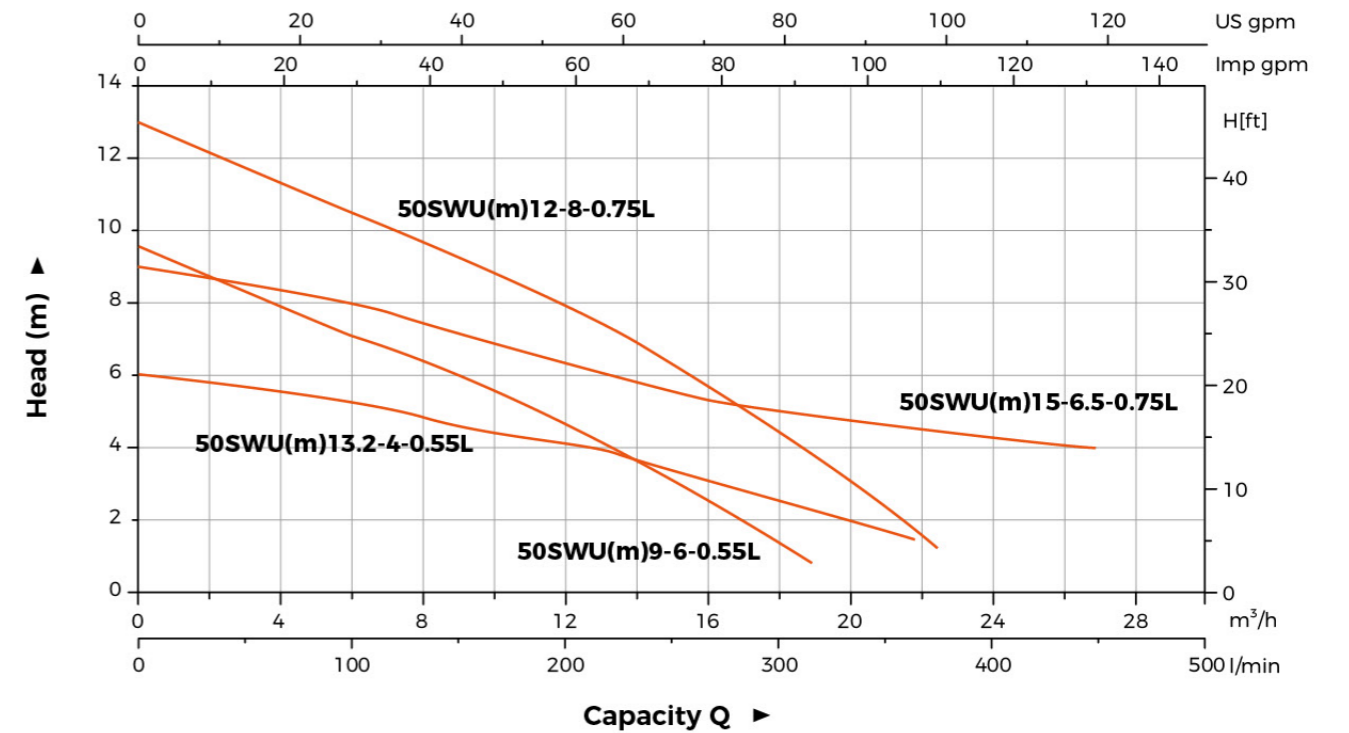
Model		Diameter	Power	Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia	
Single Phase	Three Phase	mm (inch)	kW	HP	m^3/h	m^3/h	m	m	
50SWUm9-6-0.55L	50SWU9-6-0.55L	50 (2")	0.55	0.75	9	19	6	9.5	35
50SWUm13.2-4-0.55L	50SWU13.2-4-0.55L	50 (2")	0.55	0.75	13	22	4	6	50
50SWUm12-8-0.75L	50SWU12-8-0.75L	50 (2")	0.75	1	12	22.5	8	13	35
50SWUm15-6.5-0.75L	50SWU15-6.5-0.75L	50 (2")	0.75	1	15	27	5.5	9	50

Dimension

Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)	H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
50SWU(m)9-6-0.55L	195	160	80	121	483	64	35	110	14	14
50SWU(m)13.2-4-0.55L	201	166	86		508	79	50			
50SWU(m)12-8-0.75L	195	160	80		483	64	35			
50SWU(m)15-6.5-0.75L	201	166	86		508	79	50			

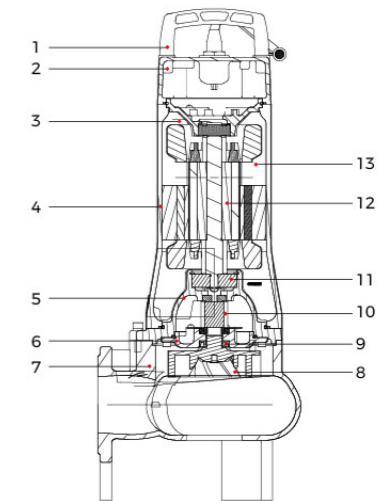


Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper: Sic/Carbon Lower: Sic/Sic
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1~	3~				
50SWU(m)9-6-0.55L	24.6	23.9	740	250	275	544
50SWU(m)13.2-4-0.55L	25.1	24.3	740	250	275	544
50SWU(m)12-8-0.75L	25.9	25.2	740	250	275	544
50SWU(m)15-6.5-0.75L	21.7	25.6	740	250	275	544



Impeller

(Hose coupling as standard.
Flange elbow is optional.)

Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
- Pumping sewage form hotels, restaurants, schools and public buildings

Pump

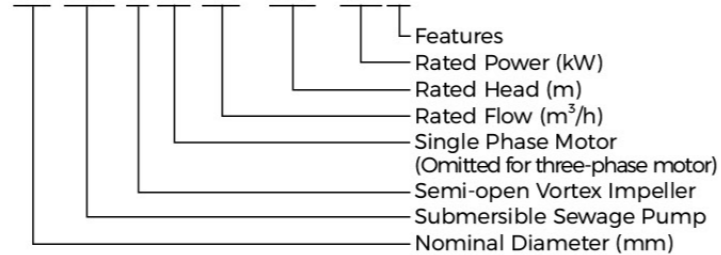
- Open vortex impeller, suitable for liquid containing impurities and long fiber substance
- Flexible installations with hoses, pipes or quick-coupling systems
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

Identification Codes

65 SW U m 24 - 8.5 - 1.5 L

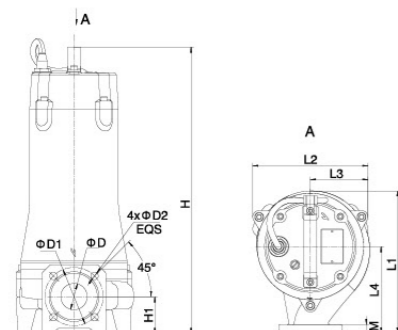


Technical Data

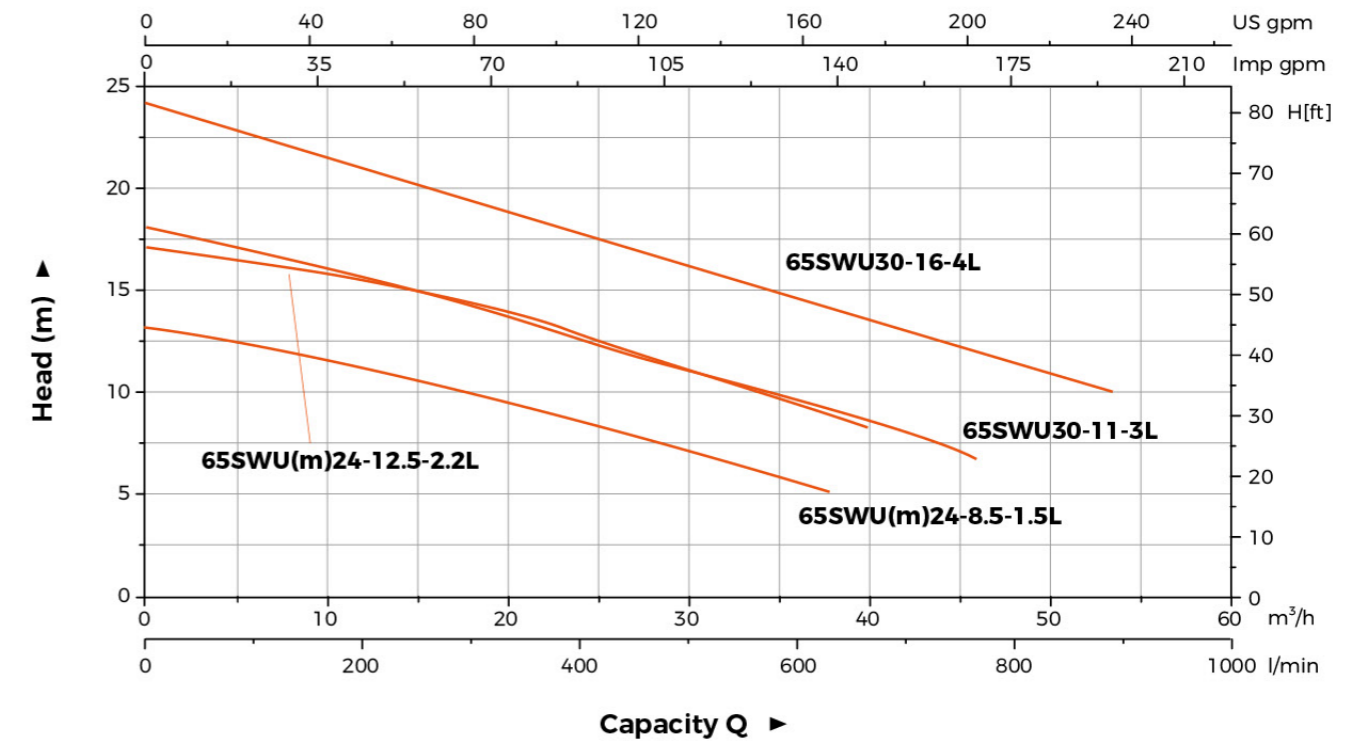
Model		Diameter	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m	mm
65SWUm24-8.5-1.5L	65SWU24-8.5-1.5L	65 (2.5")	1.5	2	24	38	8.5	13	55
65SWUm24-12.5-2.2L	65SWU24-12.5-2.2L	65 (2.5")	2.2	3	24	40	12.5	17	55
-	65SWU30-11-3L	65 (2.5")	3	4	30	46	11	18	55
-	65SWU30-16-4L	65 (2.5")	4	5.5	30	54	16	24	55

Dimension

Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)		H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
					1~	3~					
65SWU(m)24-8.5-1.5L	266	218	110	167	483	590	91	65	130	14	16
65SWU(m)24-12.5-2.2L					508	590					
65SWU30-11-3L					-	621					
65SWU30-16-4L					-	621					

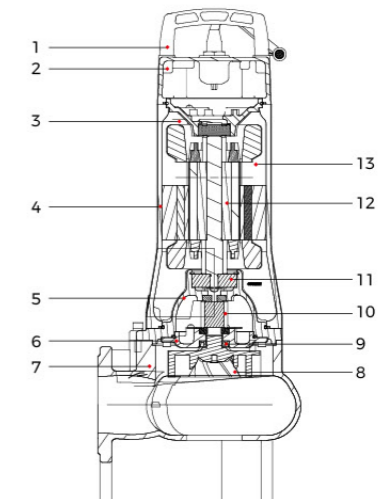


Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper:SiC/Carbon Lower:SiC/SiC
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1~	3~				
65SWU(m)24-8.5-1.5L	46.4	44	924	284	363	294
65SWU(m)24-12.5-2.2L	49.2	46.9	924	284	363	294
65SWU30-11-3L	-	54.9	874	284	363	316
65SWU30-16-4L	-	56.9	874	284	363	316



Impeller

(Hose coupling as standard.
Flange elbow is optional.)

Application

- Drainage of wastewater from the attenuation tank, purifying tank and sewage tank in water treatment plant
- Drainage of waste water containing fibrous additives from leather factory and food processing factory
- Sewage management, accumulated water, septic tank, stock farm
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Pump

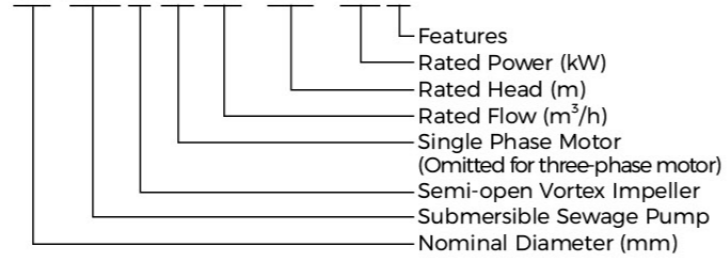
- Open vortex impeller, suitable for liquid containing impurities and long fiber substance
- Flexible installations with hoses, pipes or quick-coupling systems
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

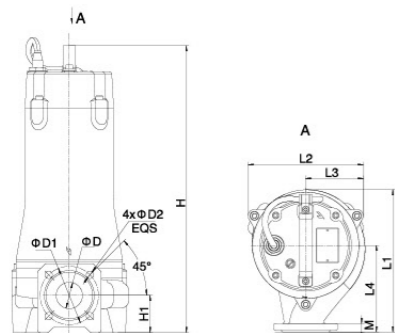
Identification Codes

80 SW U m 30 - 4.5 - 1.5 L



Technical Data

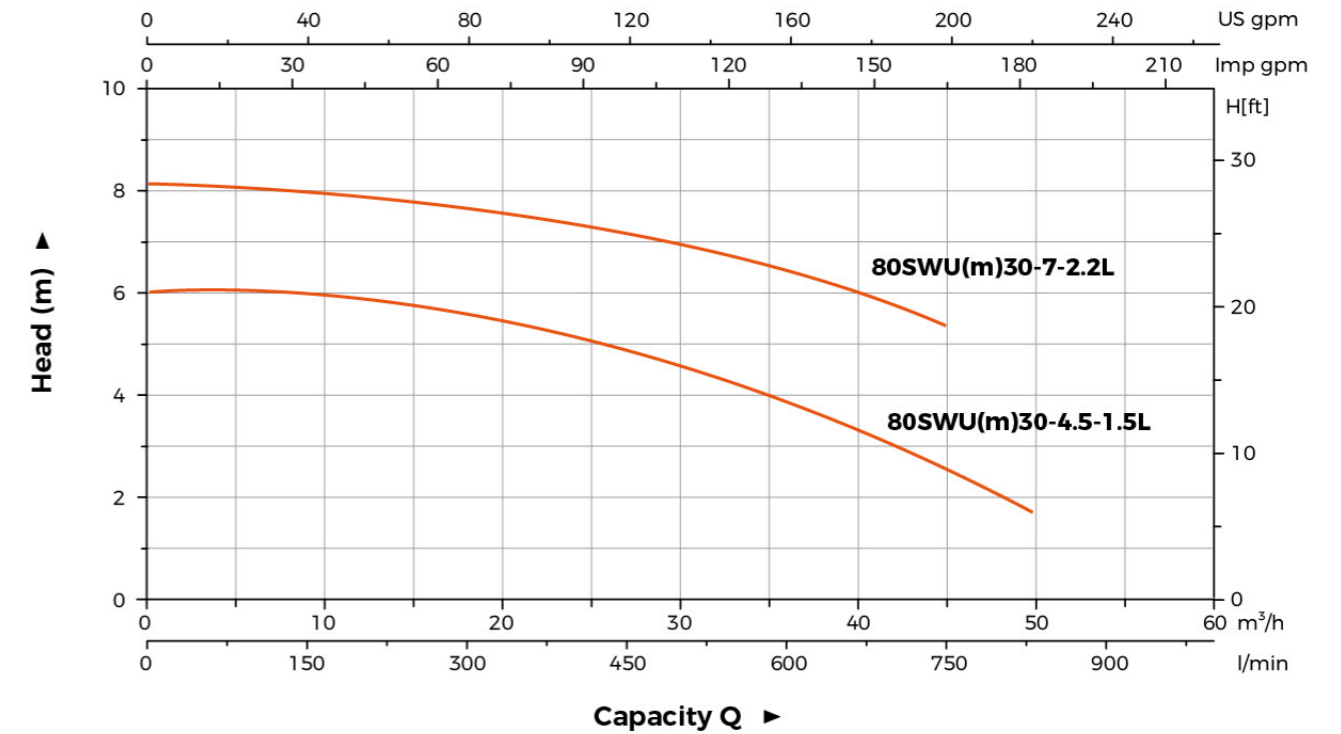
Model		Diameter	Power		Rated flow	Max. flow	Rated head	Max. head	Max. Solid Dia
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m	mm
80SWUm30-4.5-1.5L	80SWU30-4.5-1.5L	80(3")	1.5	2	30	50	4.5	6	76
80SWUm30-7-2.2L	80SWU30-7-2.2L	80(3")	2.2	3	30	45	7	8	76



Dimension

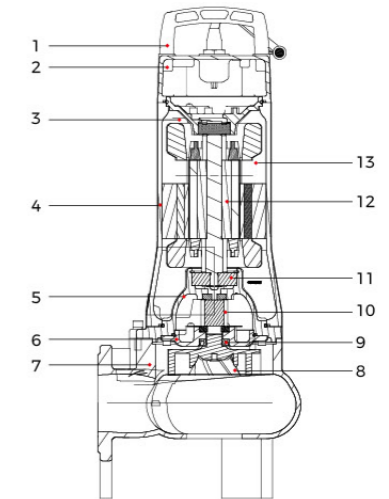
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)		H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
					1~	3~					
80SWU(m)30-4.5-1.5L	260	224	118	149	672	631	122	75	150	18	18
80SWU(m)30-7-2.2L											

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Oil seal	
10	Mechanical seal	Upper:Sic/Carbon Lower:Sic/Sic
11	Bearing	
12	Rotor	
13	Stator	



Package Information

Model	G.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
	1~	3~				
80SWU(m)30-4.5-1.5L	46.6	44.4	924	284	363	294
80SWU(m)30-7-2.2L	49.5	47.2	924	284	363	294



Application

- Used In pressure sewage system
- Drainage of wastewater from individual residences, apartment buildings, recreational developments, models
- Transferring wastewater of commercial buildings, industrial plants, wastewater sampling, small hospitals
- Schools, federal, state and local parks, wastewater drainage
- To transfer various wastewater and sewage

Pump

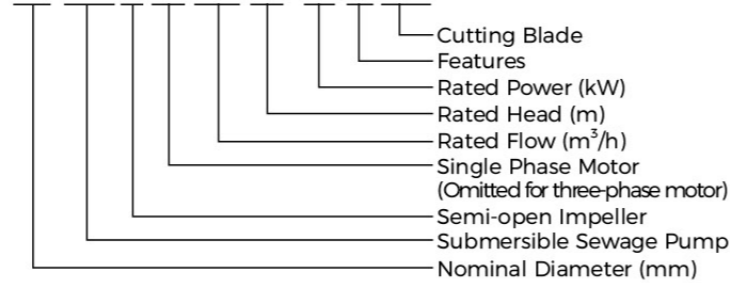
- Semi-open vortex impeller & reliable grinding system
- Flexible installations with hoses, pipes or quick-coupling systems
- Float switch as standard accessory for single phase (≤1.1 kW)
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

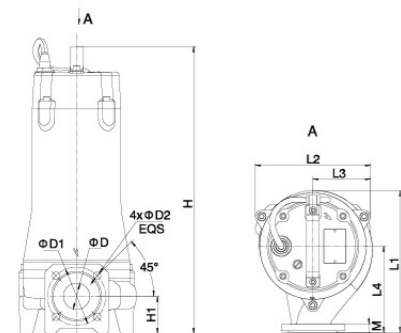
Identification Codes

32 SW P m 3.6-17-1.1 L /QG



Technical Data

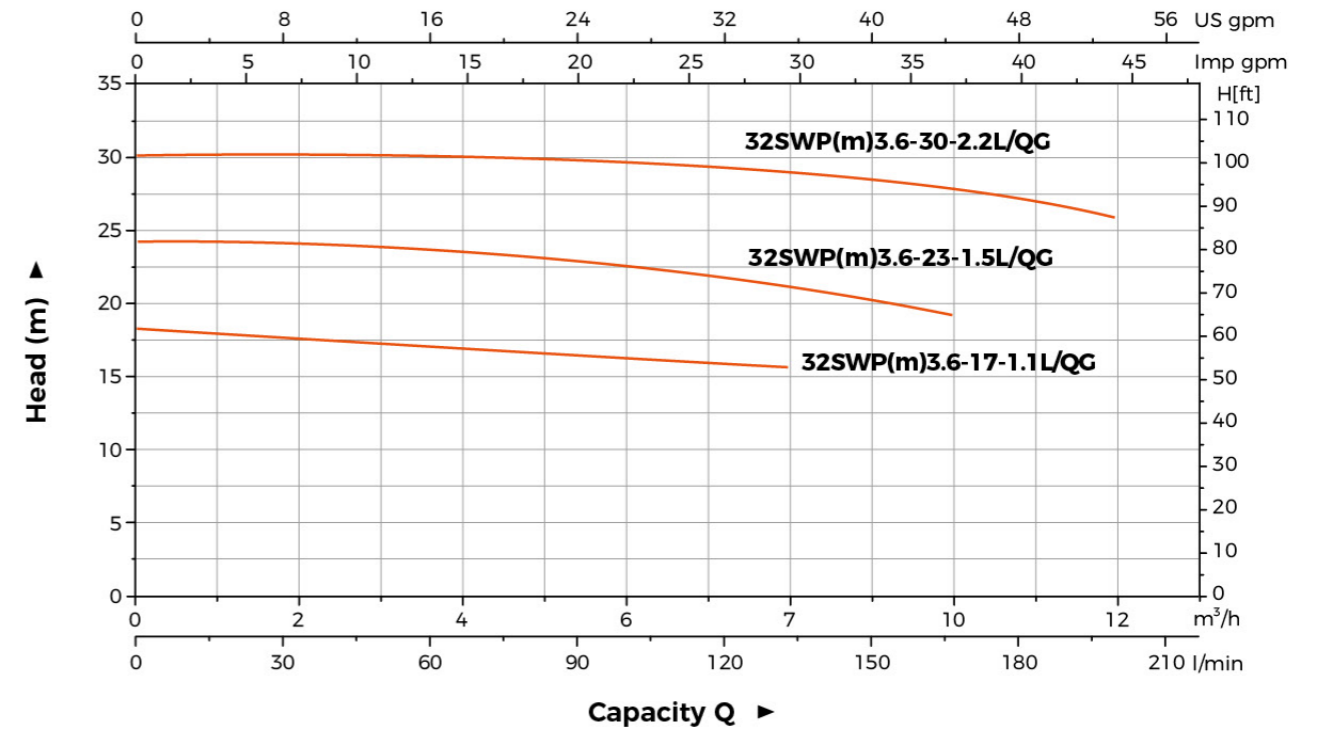
Model		Diameter	Power		Rated flow	Max. flow	Rated head	Max. head
Single Phase	Three Phase	mm (inch)	kW	HP	m³/h	m³/h	m	m
32SWPm3.6-17-1.1L/QG	32SWP3.6-17-1.1L/QG	32(1¼")	1.1	1.5	3.6	8	17	18
32SWPm3.6-23-1.5L/QG	32SWP3.6-23-1.5L/QG	32(1¼")	1.5	2	3.6	10	23	23.2
32SWPm3.6-30-2.2L/QG	32SWP3.6-30-2.2L/QG	32(1¼")	2.2	3	3.6	12	30	30.2



Dimension

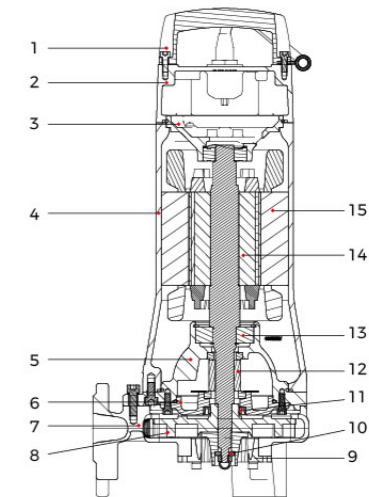
Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)		H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
					1~	3~					
32SWP(m)3.6-17-1.1L/QG	230	191	96	140	473	473	73	32	90	14	16
32SWP(m)3.6-23-1.5L/QG					564	523					
32SWP(m)3.6-30-2.2L/QG					564	523					

Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Cutting ring	108Cr17
10	Radial cutter	108Cr17
11	Oil seal	
12	Mechanical seal	Upper:SiC/Carbon Lower:SiC/SiC
13	Bearing	
14	Rotor	
15	Stator	



Package Information

Model	C.W (kg)		L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
	1~	3~				
32SWP(m)3.6-17-1.1L/QG	34	34.8	745	285	355	354
32SWP(m)3.6-23-1.5L/QG	39.9	37.4	924	284	363	294
32SWP(m)3.6-30-2.2L/QG	41.9	40.3	924	284	363	294



Application

- Used In pressure sewage system
- Drainage of wastewater from individual residences, apartment buildings, recreational developments, models
- Transferring wastewater of commercial buildings, industrial plants, wastewater sampling, small hospitals
- Schools, federal, state and local parks, wastewater drainage
- To transfer various wastewater and sewage

Pump

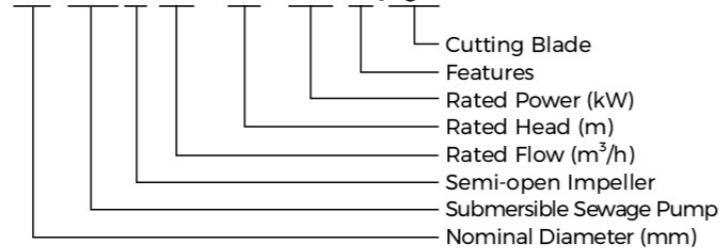
- Semi-open vortex impeller & reliable grinding system
- Flexible installations with hoses, pipes or quick-coupling systems
- Cable Length: 10m
- Double-end mechanical seal
- Stainless steel welded shaft
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion depth: 10 m

Motor

- Frequency/Pole number: 50 Hz/2
- Insulation class: F
- Enclosures class: IP68
- Bearing: Ball type

Identification Codes

50 SW P 12 - 19 - 2.2 L /QG



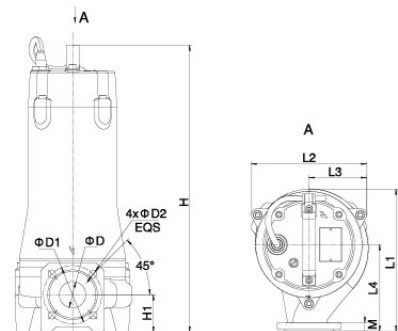
(Flange elbow as standard.
Hose coupling is optional.)

Technical Data

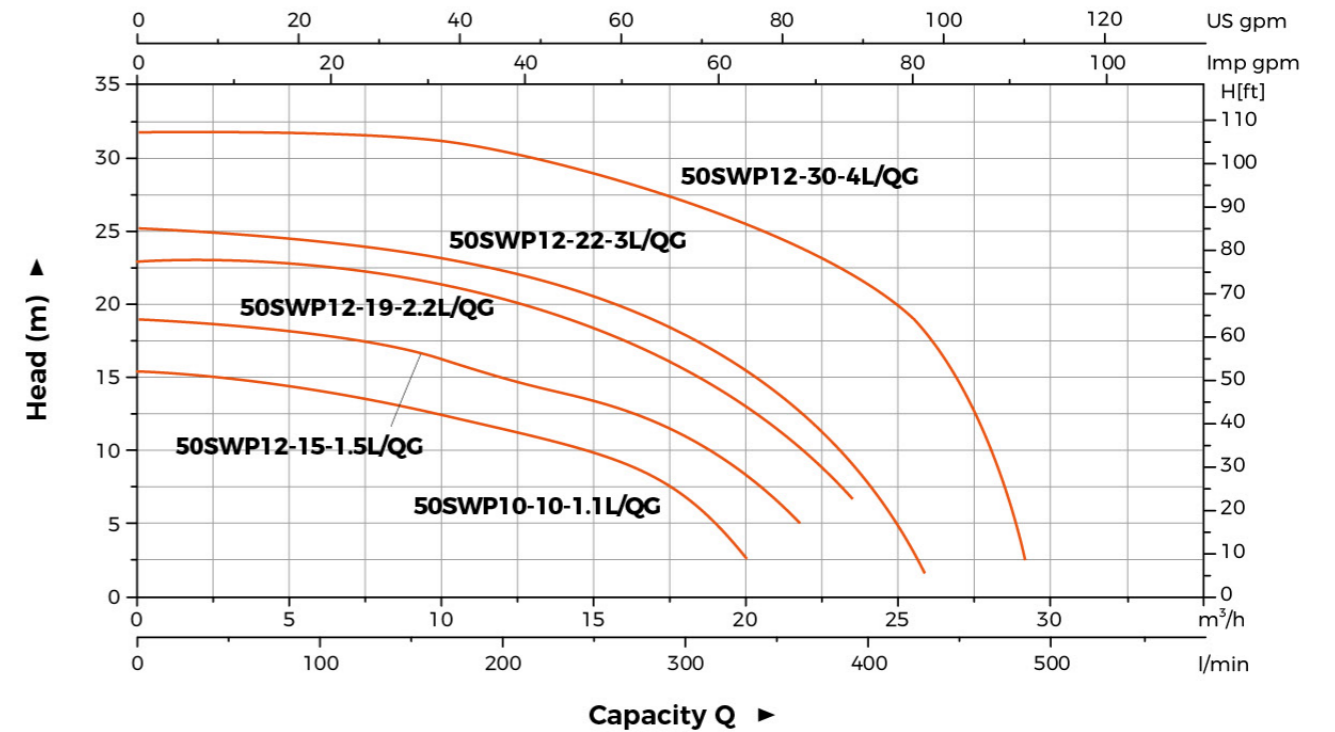
Model	Diameter	Power		Rated flow	Max. flow	Rated head	Max. head
	mm (inch)	kW	HP	m³/h	m³/h	m	m
50SWP10-10-1.1L/QG	50 (2")	1.1	1.5	10	20.5	10	17.5
50SWP12-15-1.5L/QG	50 (2")	1.5	2	12	21.5	15	19.5
50SWP12-19-2.2L/QG	50 (2")	2.2	3	12	24.5	19	23
50SWP12-22-3L/QG	50 (2")	3	4	12	26	22	25.5
50SWP12-30-4L/QG	50 (2")	4	5.5	12	26.5	30	33

Dimension

Model	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	H (mm)	H1 (mm)	D (mm)	D1 (mm)	D2 (mm)	M (mm)
50SWP10-10-1.1L/QG	245.5				472.5	73	40	100-110	14	16
50SWP12-15-1.5L/QG					523					
50SWP12-19-2.2L/QG	246	217	109	145	554	73	40	100-110	14	16
50SWP12-22-3L/QG										
50SWP12-30-4L/QG										

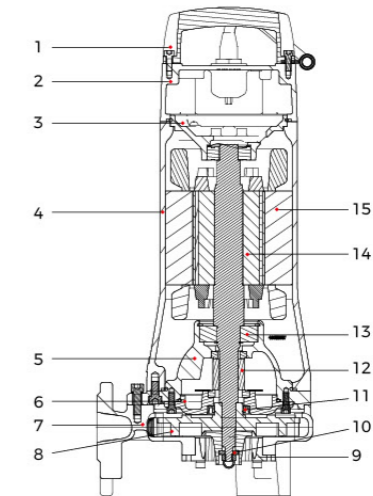


Hydraulic Performance Curves



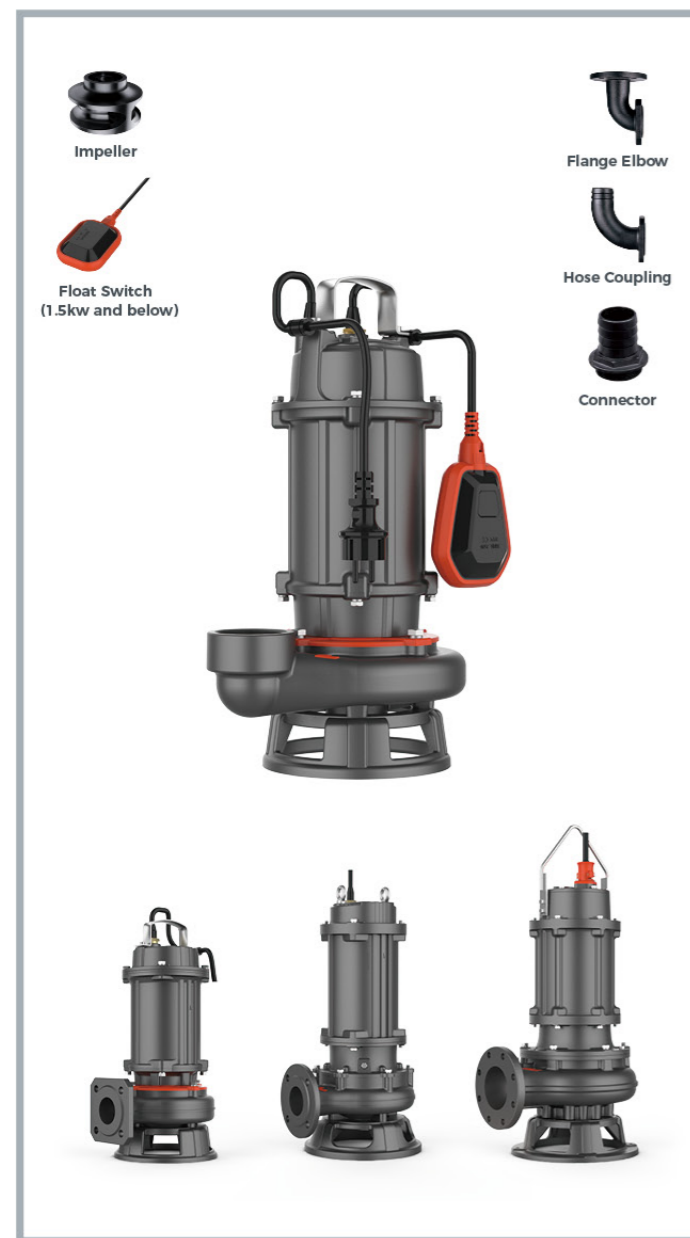
Material Table

No.	Part	Material
1	Handle	ZG45
2	Upper cover	HT200
3	Upper bearing seat	HT200
4	Motor body	HT200
5	Oil chamber	HT200
6	Pump cover	HT200
7	Pump body	HT200
8	Impeller	HT200
9	Cutting ring	108Cr17
10	Radial cutter	108Cr17
11	Oil seal	
12	Mechanical seal	Upper:Sic/Carbon Lower:Sic/Sic
13	Bearing	
14	Rotor	
15	Stator	



Package Information

Model	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
50SWP10-10-1.1L/QG	37.7	924	284	363	354
50SWP12-15-1.5L/QG	44.8	924	284	363	294
50SWP12-19-2.2L/QG	42.8	924	284	363	294
50SWP12-22-3L/QG	50.5	874	284	363	316
50SWP12-30-4L/QG	52.2	874	284	363	316



Application

- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

Pump

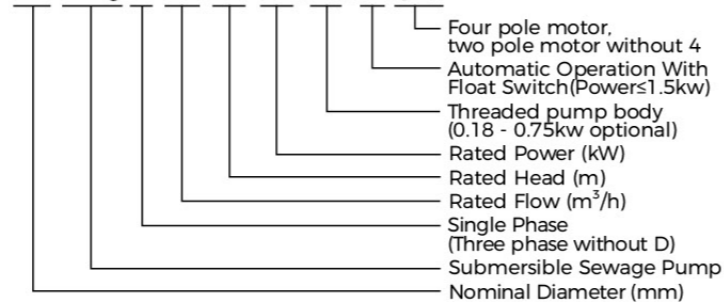
- Max. immersion depth: 10 m
- 0.25-4kw, Standard PN6 pump body with hose elbow;
- 5.5-7.5kw, Standard PN6 pump body with hose elbow, optional PN10 pump body without hose elbow (note: PN6 pump body with 50/65/80 caliber standard threaded hose elbow, optional clamp hose elbow, all other caliber hose elbows are clamps);
- 11-22kw&200 caliber below, standard PN6 pump body with hose elbow, optional PN10 pump body without elbow; 200 caliber and above, standard PN10 pump body without elbow, optional PN6 pump body without elbow;
- 0.25-0.75kw optional threaded version with connector.
- Can be equipped with hose connection can choose flange connection
- Cable Length: 10m (under 30kW), 8m (30-45kW)
- Max. liquid temperature: up to +40°C
- Liquid PH value: 4 - 10
- 0.18-7.5kW: $1.05 \times 10^3 \text{ kg/m}^3$, 11kW and above: $1.3 \times 10^3 \text{ kg/m}^3$
- Allowed by the particle diameter: 20 - 80 mm
- Single phase optional

Motor

- Copper winding
- Insulation class: F
- Enclosures class: IP68
- Motor protection: 0.18 - 4kW(5.5kW and above need control cabinet)
- 0.18-4kW: Star connection; 5.5-37kW: Delta connection; 45kW: Star-triangle connection

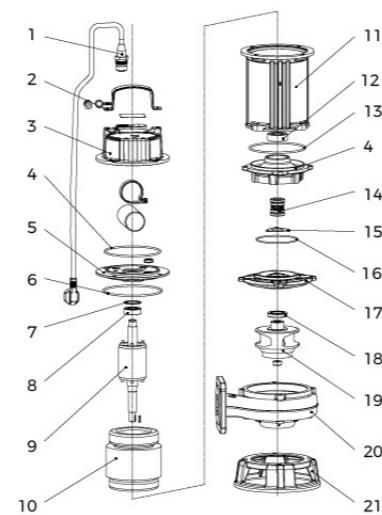
Identification Codes

65 WQ D 15-10-1.1(M)(A)/(4)



Material Table

No.	Part	Material	No.	Part	Material
01	Cable		12	Bearing	
02	Handle	AISI304	13	Oil Chamber	HT200
03	Top Cover	HT200	14	Mechanical Seal	
04	O-Ring	NBR	15	Pressing	AISI304
05	End Cover	HT200	16	O-Ring	NBR
06	O-Ring	NBR	17	Cylinder Head	HT200
07	Wave Spring Washer	65Mn	18	Oil Seal	
08	Bearing		19	Impeller	HT200
09	Rotor		20	Pump Body	HT200
10	Stator		21	Base	HT200
11	Motor Casing	HT200			

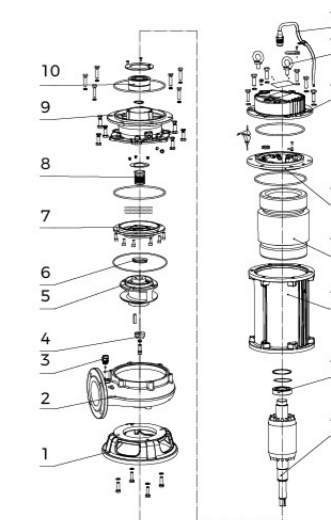


0.25 - 4 kW

Material Table

No.	Part	Material
01	Pedestal	HT200
02	Pump body	HT200
03	Air vent valve	
04	Washer	AISI304
05	Impeller	HT200
06	Casket seal	NBR
07	Cylinder Head	HT200
08	Mechanical seals	
09	Oil chamber	HT200
10	Ball bearing	
11	Cable assembly	
12	Rings	
13	Top cover	HT200
14	End cover	HT200

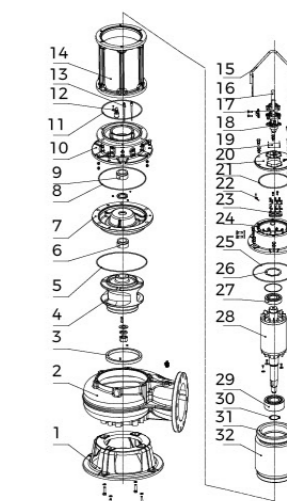
No.	Part	Material
15	Winding	
16	Mechine barrel	HT200
17	Ball bearing	
18	Motor	



5.5 - 7.5 kW

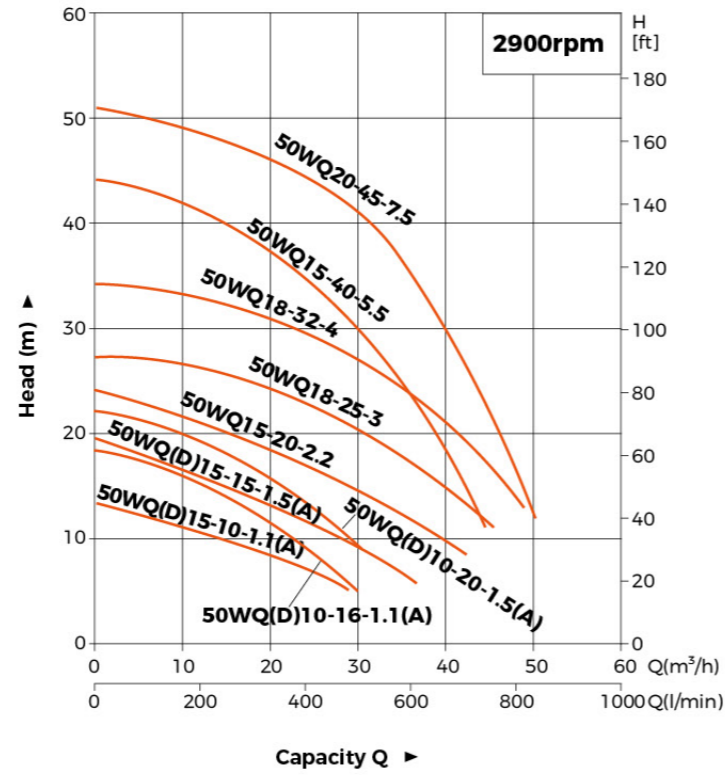
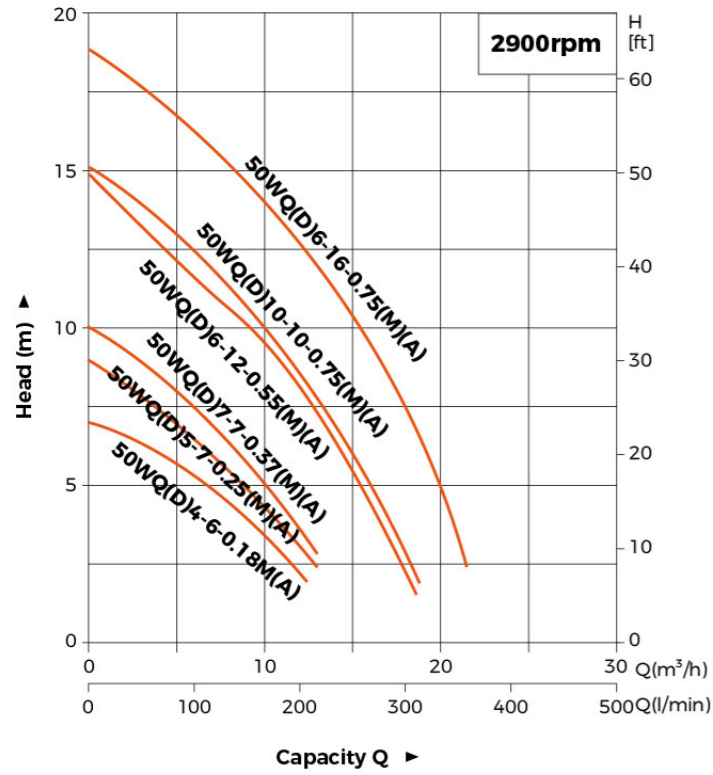
No.	Part	Material
01	Pump base	HT200
02	Pump body	HT200/HT250/QT400
03	Impeller ring	45
04	Impeller	HT200/HT250/QT400
05	O-ring	NBR
06	Mechanical seal	Silicon/Carbon
07	Pump cover	HT200
08	O-ring	NBR
09	Mechanical seal	Silicon/Carbon
10	Oil chamber	HT200
11	O-ring	NBR
12	Float switch (optional)	AISI304
13	Oil-water probe (optional)	AISI304
14	Motor base	HT200
15	Handle components	Q235
16	Cable assembly	YCW
17	Cable clamp	HT200

No.	Part	Material
18	Signal line (optional)	YCW
19	Nameplate	AISI304
20	Top cover	HT200
21	O-ring	NBR
22	Water leakage protection(optional)	
23	Wiring base	
24	Upper cover	HT200
25	O-ring	NBR
26	Wave spring	65Mn
27	Ball bearing	
28	Rotor	
29	Bearing	
30	Snap ring	65Mn
31	Temperature sensor(optional)	
32	Stator	

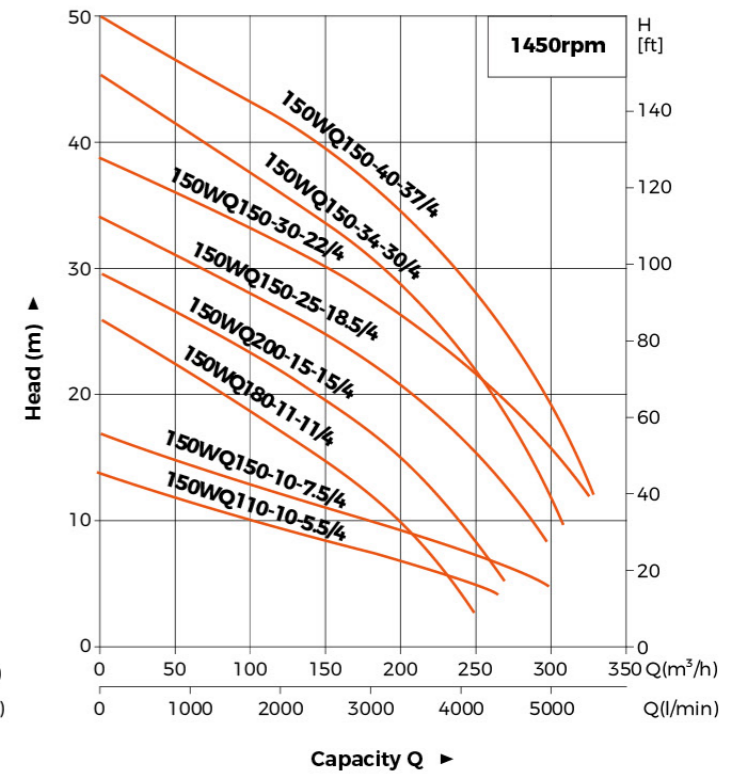
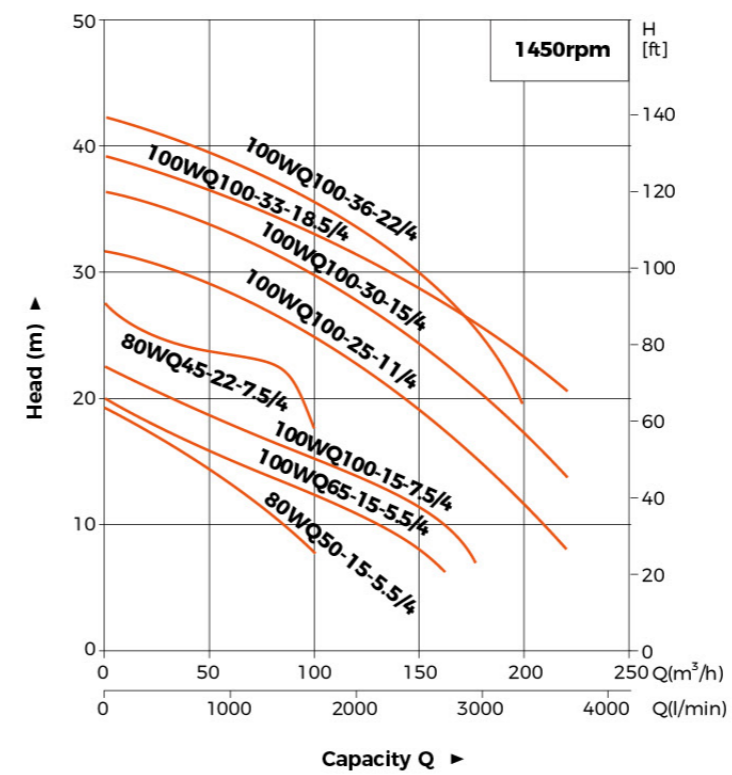
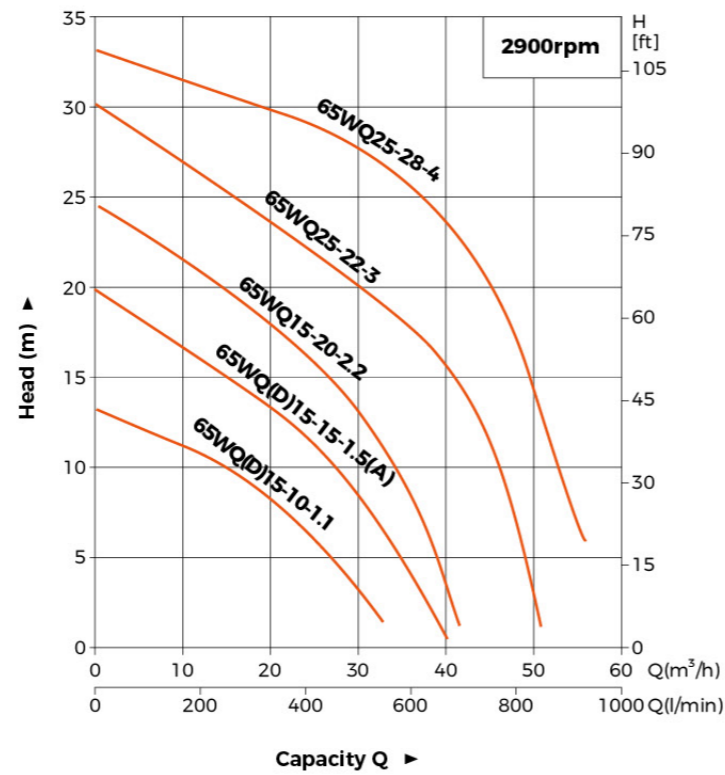
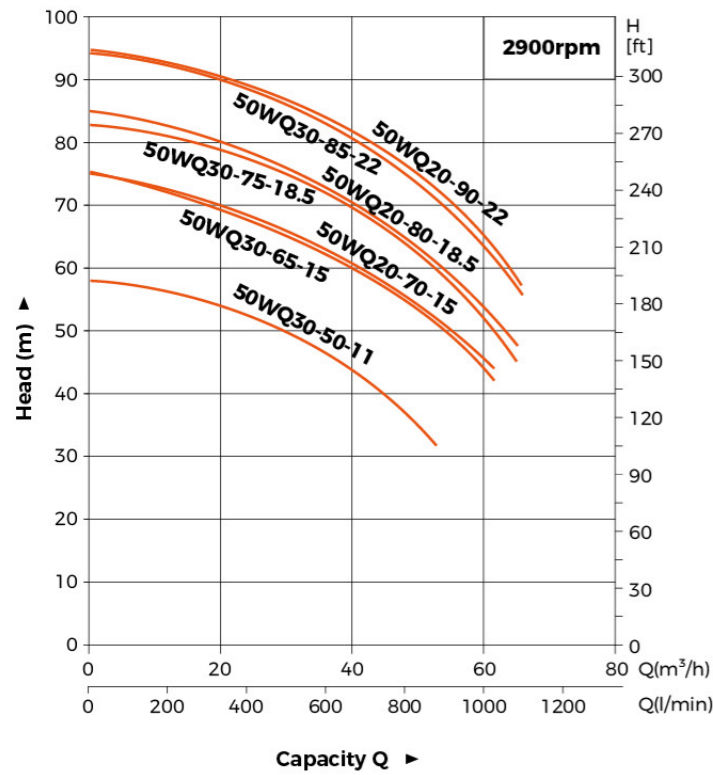
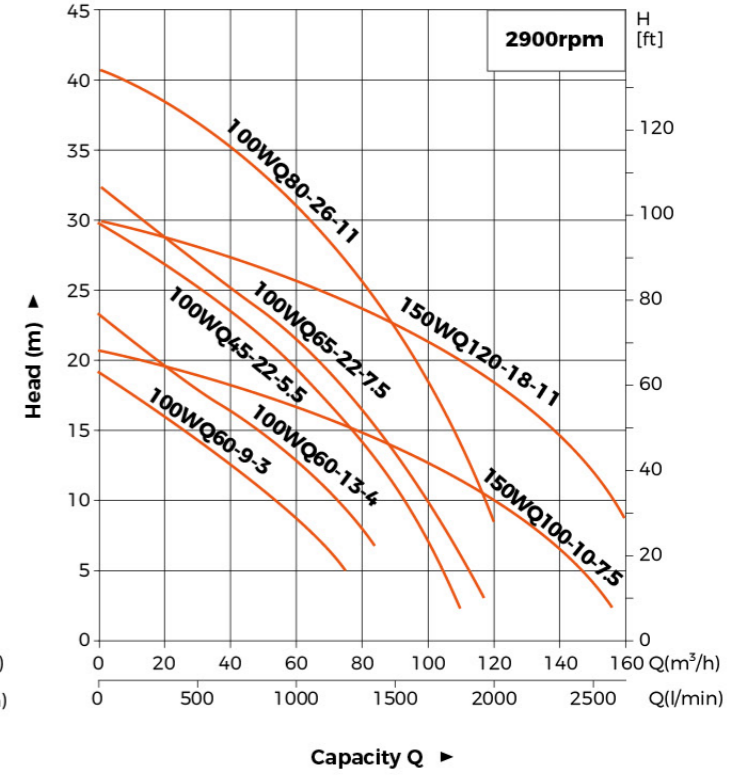
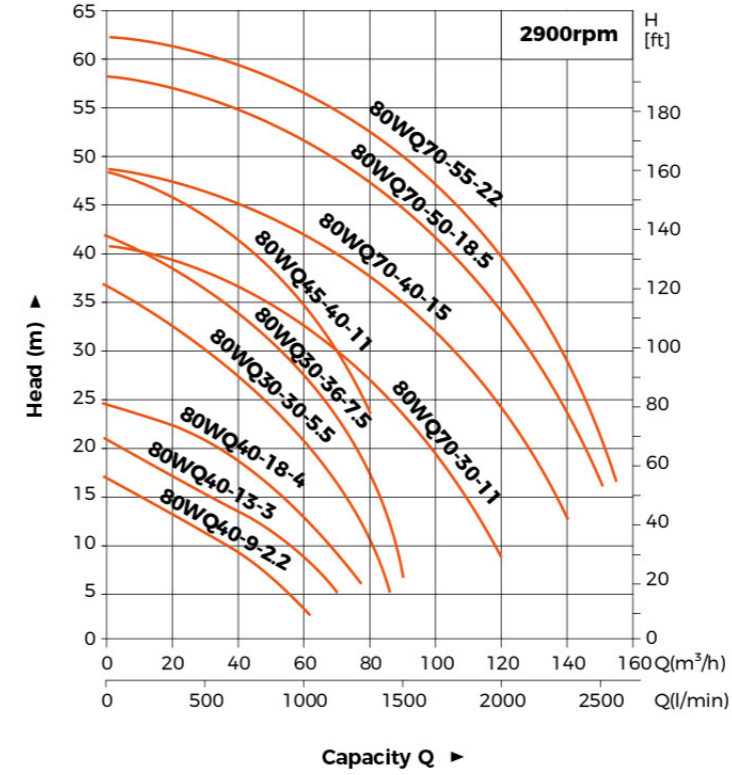


11 - 45 kW

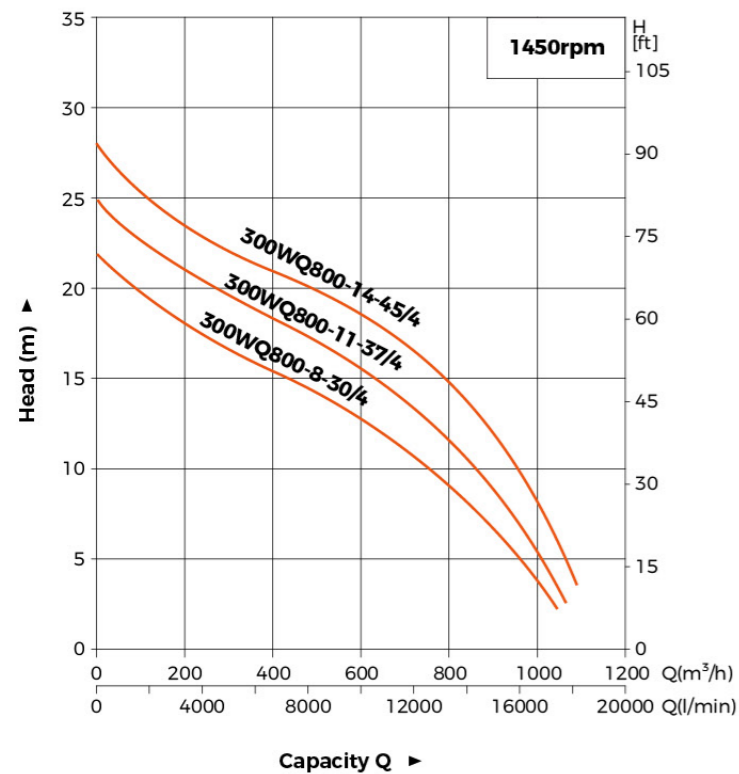
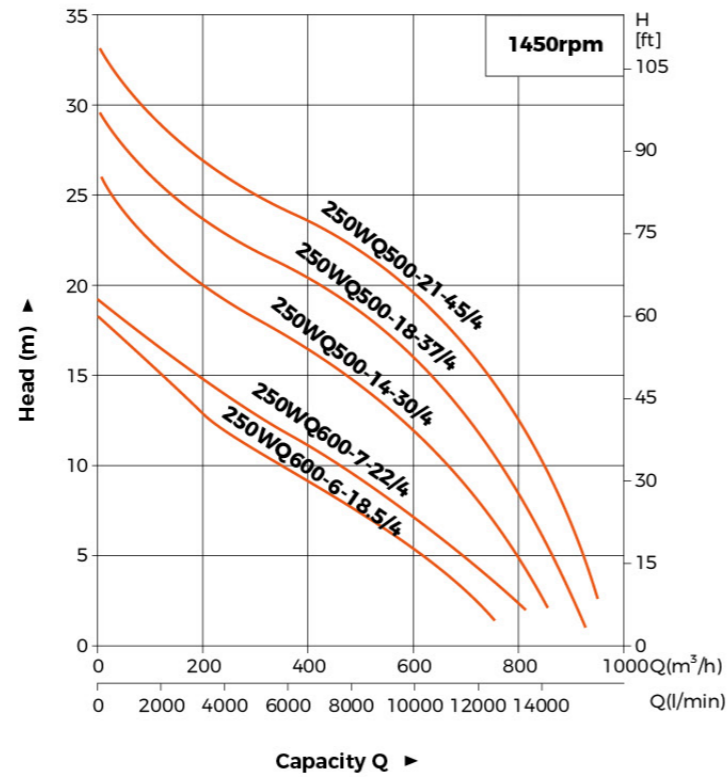
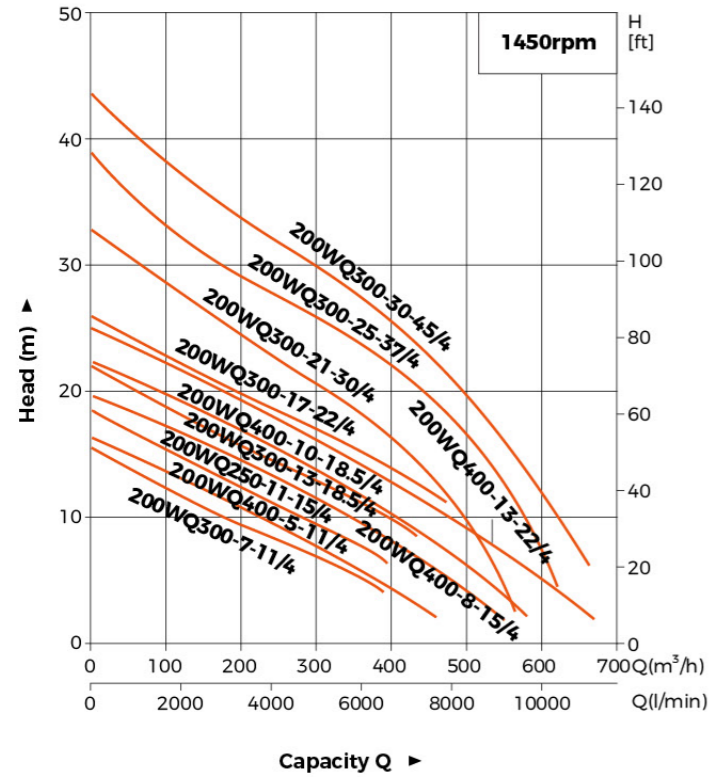
Hydraulic Performance Curves



Hydraulic Performance Curves



Hydraulic Performance Curves



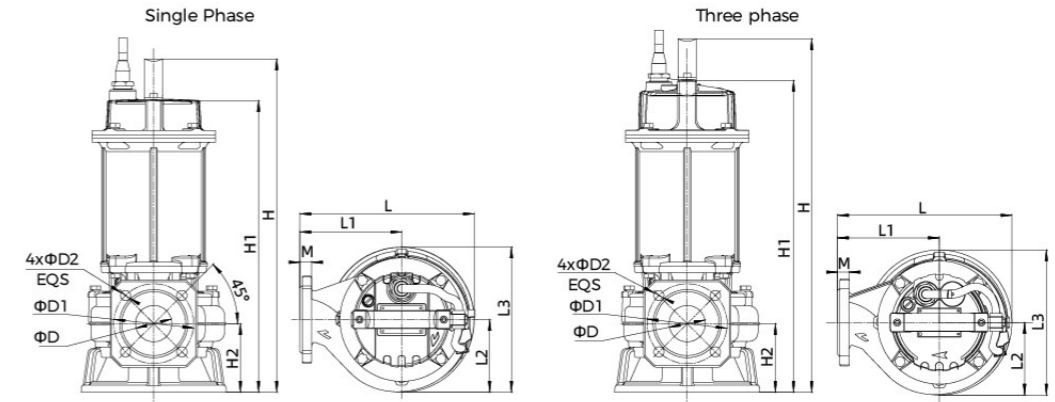
Technical Data

Model	Voltage	Speed	Max. Flow	Max. Head	Motor Power		Diameter	Guide Rail Fitting	Max. Solid Dia	N.W	G.W	Packing Dimension
	V	r.p.m	m³/h	m	kW	HP	in		mm	kg	kg	mm
50WQ4-6-0.18M	380	2900	12	7	0.18	0.25	2"	50-50	5	11.1	13.3	414x264x195
50WQD4-6-0.18M(A)	220	2900	12	7	0.18	0.25	2"	50-50	5	11.3	13.5	414x264x195
50WQ5-7-0.25(M)	380	2900	14	8	0.25	0.33	2"	50-50	5	15.2	18.6	514x284x228
50WQD5-7-0.25(M)(A)	220	2900	14	8	0.25	0.33	2"	50-50	5	16	19.2	514x284x228
50WQ7-7-0.37(M)	380	2900	15	10	0.37	0.55	2"	50-50	15	15.7	18.7	514x284x228
50WQD7-7-0.37(M)(A)	220	2900	15	10	0.37	0.55	2"	50-50	15	16.2	19.2	514x284x228
50WQ6-12-0.55(M)	380	2900	19	15	0.55	0.75	2"	50-50	15	16.5	22.3	610x281x231
50WQD6-12-0.55(M)(A)	220	2900	19	15	0.55	0.75	2"	50-50	15	16.9	22.4	610x281x231
50WQ6-16-0.75(M)	380	2900	22	19	0.75	1	2"	50-50	15	17.4	22.9	610x281x231
50WQD6-16-0.75(M)(A)	220	2900	22	19	0.75	1	2"	50-50	15	17.9	23.4	610x281x231
50WQ10-10-0.75(M)	380	2900	19	15	0.75	1	2"	50-50	20	17.2	22.7	610x281x231
50WQD10-10-0.75(M)(A)	220	2900	19	15	0.75	1	2"	50-50	20	17.8	23.3	610x281x231
50WQ10-16-1.1	380	2900	30	19	1.1	1.5	2"	50-50	25	24.5	30.3	651x311x246
50WQD10-16-1.1(A)	220	2900	30	19	1.1	1.5	2"	50-50	25	25.4	31.3	651x311x246
50WQ15-10-1.1	380	2900	27	12.5	1.1	1.5	2"	50-50	25	23.9	29.7	651x311x246
50WQD15-10-1.1(A)	220	2900	27	12.5	1.1	1.5	2"	50-50	25	24.9	30.7	651x311x246
65WQ15-10-1.1	380	2900	31.5	13	1.1	1.5	2½"	65-65	25	24.5	31.2	651x311x246
65WQD15-10-1.1(A)	220	2900	31.5	13	1.1	1.5	2½"	65-65	25	25.5	32.2	651x311x246
50WQ10-20-1.5	380	2900	33	21.5	1.5	2	2"	50-50	25	27	32.8	544x269x244
50WQD10-20-1.5(A)	220	2900	33	21.6	1.5	2	2"	50-50	25	29.8	35.8	604x269x244
50WQ15-15-1.5	380	2900	32	18.5	1.5	2	2"	50-50	25	26.3	32.1	544x269x244
50WQD15-15-1.5(A)	220	2900	32	18.5	1.5	2	2"	50-50	25	29.2	35.2	604x269x244
65WQ15-15-1.5	380	2900	39.7	20	1.5	2	2½"	65-65	25	27	31.7	544x269x244
65WQD15-15-1.5(A)	220	2900	39.7	20	1.5	2	2½"	65-65	25	29.8	36.7	604x269x244
50WQ15-20-2.2	380	2900	36	24	2.2	3	2"	50-50	20	31.5	38.4	604x269x244
65WQ15-20-2.2	380	2900	41.6	24.6	2.2	3	2½"	65-65	25	30.9	36.9	604x269x244
80WQ40-9-2.2	380	2900	63	17	2.2	3	3"	80-80	30	32.3	39.9	604x269x244
50WQ18-25-3	380	2900	42	29	3	4	2"	50-50	20	43	51.3	744x324x289
65WQ25-22-3	380	2900	50	29	3	4	2½"	65-65	25	43.7	52.9	744x324x289
80WQ40-13-3	380	2900	70	20	3	4	3"	80-80	30	45	54.9	744x324x289
100WQ60-9-3	380	2900	75	16	3	4	4"	100-100	30	46.8	60.2	744x324x289
50WQ18-32-4	380	2900	45	36	4	5.5	2"	50-50	20	48	56.3	744x324x289
65WQ25-28-4	380	2900	51	31.5	4	5.5	2½"	65-65	25	48.6	57.8	744x324x289
80WQ40-18-4	380	2900	79	21	4	5.5	3"	80-80	30	50	59.9	744x324x289
100WQ60-13-4	380	2900	85	20	4	5.5	4"	100-100	30	52.1	65.3	744x324x289
50WQ15-40-5.5	380	2900	30	44	5.5	7.5	2"	50-50	20	95	114	904x399x439
80WQ30-30-5.5	380	2900	70	35	5.5	7.5	3"	80-80	30	93	113	904x399x439
80WQ50-15-5.5/4	380	1450	70	25	5.5	7.5	3"	80-80	30	142	169	1240x460x500
100WQ45-22-5.5	380	2900	100	28	5.5	7.5	4"	100-100	30	93	117	904x399x439
100WQ65-15-5.5/4	380	1450	120	18	5.5	7.5	4"	100-100	55	145	180	1064x549x520
150WQ110-10-5.5/4	380	1450	260	12	5.5	7.5	6"	150-150	75	155	193.5	1064x549x520
50WQ20-45-7.5	380	2900	45	50	7.5	10	2"	50-50	20	120	139	904x399x439
80WQ30-36-7.5	380	2900	75	41	7.5	10	3"	80-80	30	118	140	1054x399x439
100WQ65-22-7.5	380	2900	108	31	7.5	10	4"	100-100	35	120	145	1054x399x439
150WQ100-10-7.5	380	2900	150	20	7.5	10	6"	150-150	35	125	157	1054x399x439
80WQ45-22-7.5/4	380	1450	80	26	7.5	10	3"	80-80	30	150	177	1064x549x520
100WQ100-15-7.5/4	380	1450	140	21	7.5	10	4"	100-100	55	150	180	1064x549x520

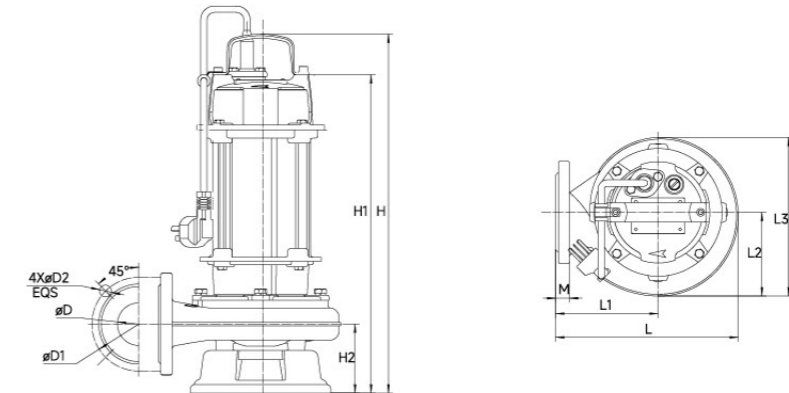
Technical Data

Model	Voltage	Speed	Max. Flow	Max. Head	Motor Power		Diameter	Guide Rial Fitting	Max. Solid Dia	N.W	G.W	Packing Dimension
	V	r.p.m	m ³ /h	m	kW	HP	in		mm	kg	kg	mm
150WQ150-10-7.5/4	380	1450	300	16	7.5	10	6"	150-150	75	160	197	1064x549x520
50WQ20-55-11	380	2900	45	60.5	11	15	2"	50-50	25	136	158.5	1040x420x477
50WQ30-50-11	380	2900	45	60.5	11	15	2"	50-50	25	136	158.5	1040x420x477
80WQ45-40-11	380	2900	60	50.5	11	15	3"	80-80	30	131	155	1040x420x477
80WQ70-30-11	380	2900	100	40.5	11	15	3"	80-80	30	137	161	1040x420x477
100WQ80-26-11	380	2900	120	42	11	15	4"	100-100	35	132	159	1040x420x477
100WQ100-25-11/4	380	1450	220	31	11	15	4"	100-100	50	252.5	281.5	616x520x1388
150WQ120-18-11	380	2900	160	30	11	15	6"	150-150	55	137	171	1040x420x477
150WQ180-11-11/4	380	1450	260	24	11	15	6"	150-150	60	264	300	616x520x1388
200WQ300-7-11/4	380	1450	450	17	11	15	8"	200-200	70	285	314	716x620x1488
200WQ400-5-11/4	380	1450	470	18	11	15	8"	200-200	55	285	314	716x620x1488
50WQ20-70-15	380	2900	45	75.5	15	20	2"	50-50	25	150	172.5	1040x420x477
50WQ30-65-15	380	2900	45	75.5	15	20	2"	50-50	25	150	172.5	1040x420x477
80WQ70-40-15	380	2900	100	49.5	15	20	3"	80-80	30	149	173	1040x420x477
100WQ100-30-15/4	380	1450	220	36	15	20	4"	100-100	50	273	302	616x520x1388
150WQ200-15-15/4	380	1450	290	29	15	20	6"	150-150	60	285	321	616x520x1388
200WQ250-11-15/4	380	1450	490	21	15	20	8"	200-200	70	305.5	334.5	716x620x1488
200WQ400-8-15/4	380	1450	525	19	15	20	8"	200-200	55	305.5	334.5	716x620x1488
50WQ20-80-18.5	380	2900	45	85.5	18.5	22	2"	50-50	25	217.5	245	1240x460x500
50WQ30-75-18.5	380	2900	45	85.5	18.5	22	2"	50-50	25	217.5	245	1240x460x500
80WQ70-50-18.5	380	2900	100	58.5	18.5	22	3"	80-80	30	212.5	241.5	1240x460x500
100WQ100-33-18.5/4	380	1450	220	39	18.5	25	4"	100-100	50	293	322	616x520x1388
150WQ150-25-18.5/4	380	1450	300	32	18.5	25	6"	150-150	60	305.5	341.5	616x520x1388
200WQ300-13-18.5/4	380	1450	530	25	18.5	25	8"	200-200	70	325.5	354.5	716x620x1488
200WQ400-10-18.5/4	380	1450	525	22	18.5	22	8"	200-200	55	325.5	354.5	716x620x1488
250WQ600-6-18.5/4	380	1450	750	18	18.5	22	10"	250-250	75	354	383	716x620x1488
50WQ20-90-22	380	2900	45	94	22	30	2"	50-50	25	225	252.5	1240x460x500
50WQ30-85-22	380	2900	45	94	22	30	2"	50-50	25	225	252.5	1240x460x500
80WQ70-55-22	380	2900	100	63	22	30	3"	80-80	30	219	248	1240x460x500
100WQ100-36-22/4	380	1450	220	42	22	30	4"	100-100	50	298.5	327.5	616x520x1388
150WQ150-30-22/4	380	1450	330	39	22	30	6"	150-150	60	312	348	616x520x1388
200WQ300-17-22/4	380	1450	550	27	22	30	8"	200-200	70	331.5	360.5	716x620x1488
200WQ400-13-22/4	380	1450	525	24.5	22	30	8"	200-200	55	331.5	360.5	716x620x1488
250WQ600-7-22/4	380	1450	800	22	22	30	10"	250-250	85	360	389	716x620x1488
150WQ150-34-30/4	380	1450	310	45	30	40	6"	150-150	55	497	519	780x600x1430
200WQ300-21-30/4	380	1450	570	33	30	40	8"	200-200	80	519	541	820x620x1470
250WQ500-14-30/4	380	1450	860	27	30	40	10"	250-250	85	512	535	780x650x1490
300WQ800-8-30/4	380	1450	1040	22	30	40	12"	300-300	90	557	581	860x720x1540
150WQ150-40-37/4	380	1450	330	50	37	50	6"	150-150	55	557	579	780x600x1480
200WQ300-25-37/4	380	1450	620	39	37	50	8"	200-200	80	576	598	820x620x1520
250WQ500-18-37/4	380	1450	930	30	37	50	10"	250-250	85	570	593	780x650x1540
300WQ800-11-37/4	380	1450	1060	25	37	50	12"	300-300	90	614	638	860x720x1590
200WQ300-30-45/4	380	1450	660	43	45	60	8"	200-200	80	612	634	820x620x1520
250WQ500-21-45/4	380	1450	950	34	45	60	10"	250-250	85	606	629	780x650x1540
300WQ800-14-45/4	380	1450	1080	28	45	60	12"	300-300	90	650	674	860x720x1590

Dimension

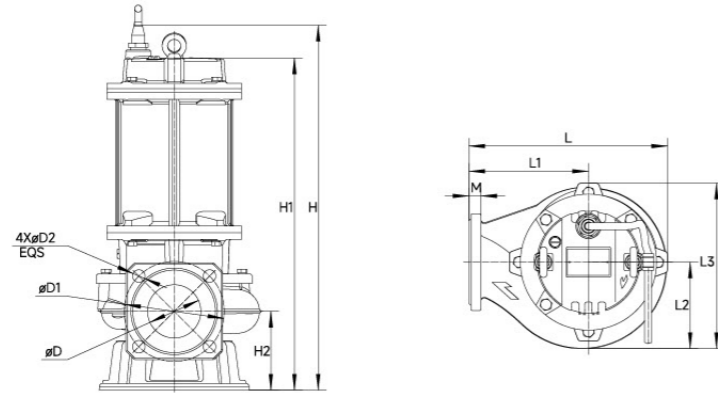


Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ4-6-0.18M	214	120	99	187	16	422	374	81	50	110	14
50WQD4-6-0.18M(A)	214	120	99	187	16	422	374	81	50	110	14
50WQ5-7-0.25M	214	120	99	187	16	422	374	81	50	110	14
50WQD5-7-0.25M(A)	214	120	99	187	16	422	374	81	50	110	14
50WQ7-7-0.37M	214	120	99	187	16	422	374	81	50	110	14
50WQD7-7-0.37M(A)	214	120	99	187	16	422	374	81	50	110	14
50WQ6-12-0.55	214	120	99	187	16	422	374	81	50	110	14
50WQD6-12-0.55(A)	214	120	99	187	16	422	374	81	50	110	14

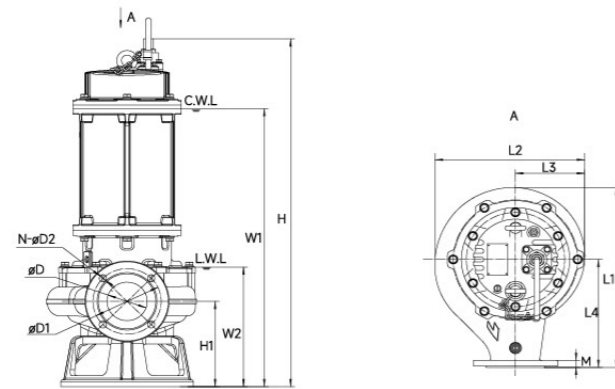


Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ6-16-0.75	214	120	98	186	16	422	374	81	50	110	14
50WQD6-16-0.75(A)	214	120	98	186	16	422	374	81	50	110	14
50WQ10-10-0.75	214	120	98	186	16	422	374	81	50	110	14
50WQD10-10-0.75(A)	214	120	98	186	16	422	374	81	50	110	14
50WQ10-16-1.1	240	140	100	200	16	460	402	94.5	50	110	14
50WQD10-16-1.1(A)	240	140	100	200	16	488	430	94.5	50	110	14
50WQ15-10-1.1	240	140	100	200	16	460	402	94.5	50	110	14
50WQD15-10-1.1(A)	240	140	100	200	16	488	430	94.5	50	110	14
65WQ15-10-1.1	240	140	100	200	16	462	405	97	65	130	14
65WQD15-10-1.1(A)	240	140	100	200	16	490	432	97	65	130	14
50WQ10-20-1.5	240	140	100	200	16	460	402	94.5	50	110	14
50WQD10-20-1.5(A)	240	140	100	200	16	523	466	94.5	50	110	14
50WQ15-15-1.5	240	140	100	200	16	460	402	94.5	50	110	14
50WQD15-15-1.5(A)	240	140	100	200	16	523	466	94.5	50	110	14
65WQ15-15-1.5	240	140	100	200	16	462	405	97	65	130	14
65WQD15-15-1.5(A)	240	140	100	200	16	526	468	97	65	130	14
50WQ15-20-2.2	240	140	100	200	16	496	438	94.5	50	110	14
65WQ15-20-2.2	240	140	100	200	16	498	441	97	65	130	14
80WQ40-9-2.2	240	140	103	203	18	516	458	106.5	80	150	19

Dimension

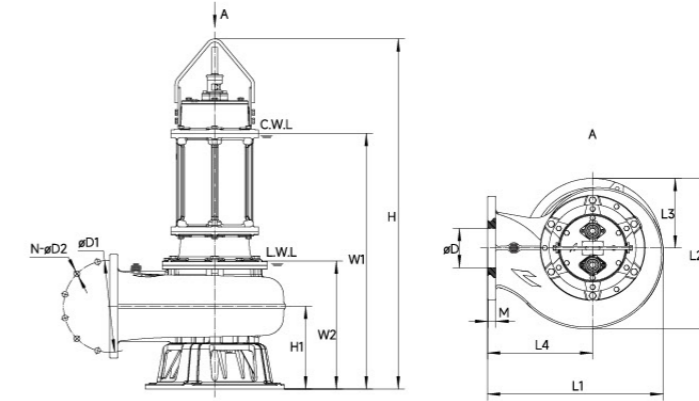


Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ18-25-3	289	170	122	240	16	530	484	109.5	50	110	14
65WQ25-22-3	289	170	122	240	16	530	484	109.5	65	130	14
80WQ40-13-3	289	170	123	242	18	553	507	121.5	80	150	19
100WQ60-9-3	303	180	135	254	18	557	511	125.5	100	170	19
50WQ18-32-4	289	170	122	240	16	530	484	109.5	50	110	14
65WQ25-28-4	289	170	122	240	16	530	484	109.5	65	130	14
80WQ40-18-4	289	170	123	242	18	553	507	121.5	80	150	19
100WQ60-13-4	303	180	135	254	18	557	511	125.5	100	170	19



Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	ΦD1	N-ΦD2
50WQ15-40-5.5	335	310	155	200	20	767	144	584	221	50	110	4-Φ14
80WQ30-30-5.5	355	310	155	200	18	773	142	602	225	80	150	4-Φ19
100WQ45-22-5.5	355	310	155	200	18	780	143	609	234	100	170	4-Φ19
50WQ20-45-7.5	335	310	155	200	20	809	144	626	221	50	110	4-Φ14
80WQ30-36-7.5	355	310	155	200	18	812	142	640	225	80	150	4-Φ19
100WQ65-22-7.5	355	310	155	200	18	820	143	639	234	100	170	4-Φ19
150WQ100-10-7.5	365	317	162	210	20	841	154	660	241	150	225	8-Φ19
50WQ20-55-11	372	304	158	220	20	854	166	239	697	50	110	4-Φ14
50WQ30-50-11	372	304	158	220	20	854	166	239	697	50	110	4-Φ14
80WQ45-40-11	343	278	143	200	18	842	141	225	685	80	150	4-Φ19
80WQ70-30-11	377	314	167	220	22	861	157	246	714	80	150	4-Φ19
100WQ80-26-11	343	285	150	200	18	849	143	234	639	100	170	4-Φ19
150WQ120-18-11	353	300	162	210	20	870	153	255	713	150	225	8-Φ19
50WQ20-70-15	372	304	158	220	20	894	166	239	737	50	110	4-Φ14
50WQ30-65-15	372	304	158	220	20	894	166	239	737	50	110	4-Φ14
80WQ70-40-15	377	314	167	220	22	901	157	246	754	80	150	4-Φ19
80WQ50-15-5.5/4	467	373	172	280	22	880	203	706	285	80	150	4-Φ19
100WQ65-15-5.5/4	467	373	200	280	18	903	221	722	295	100	170	4-Φ19
150WQ110-10-5.5/4	495	387	217	300	20	940	240	756	330	150	225	8-Φ19
80WQ45-22-7.5/4	467	373	172	280	22	880	203	706	285	80	150	4-Φ19
100WQ100-15-7.5/4	467	373	200	280	18	903	221	722	295	100	170	4-Φ19
150WQ150-10-7.5/4	495	387	217	300	20	940	240	756	330	150	225	8-Φ19

Dimension



Model	L1	L2	L3	L4	M	H	H1	W1	W2	ΦD	ΦD1	N-ΦD2
100WQ100-25-11/4	550	460	230	320	28	1117	240	758	361	100	180	8-Φ19
150WQ180-11-11/4	565	466	209	335	30	1143	251	784	251	150	240	8-Φ23
200WQ300-7-11/4	623	514	222	370	30	1176	260	818	416	200	295	8-Φ23
200WQ400-5-11/4	623	514	222	370	30	1176	260	818	416	200	295	8-Φ23
100WQ100-30-15/4	550	460	230	320	28	1162	240	803	361	100	180	8-Φ19
150WQ200-15-15/4	565	466	209	335	30	1188	251	829	251	150	240	8-Φ23
200WQ250-11-15/4	623	514	222	370	30	1221	260	863	416	200	295	8-Φ23
200WQ400-8-15/4	623	514	222	370	30	1221	260	863	416	200	295	8-Φ23
50WQ20-80-18.5	419	340	174	250	20	1106	166	254	764	50	165	4-Φ19
50WQ30-75-18.5	419	340	174	250	20	1106	166	254	764	50	165	4-Φ19
80WQ70-50-18.5	386	333	167	220	22	1111	157	259	769	80	200	8-Φ19
100WQ100-33-18.5/4	550	460	230	320	28	1197	240	838	361	100	180	8-Φ19
150WQ150-25-18.5/4	565	466	209	335	30	1223	251	864	251	150	240	8-Φ23
200WQ300-13-18.5/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
200WQ400-10-18.5/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
250WQ600-6-18.5/4	666	570	259	400	32	1332	315	974	492	250	350	12-Φ23
50WQ20-90-22	386	333	174	250	20	1111	166	254	764	50	165	4-Φ19
50WQ30-85-22	419	340	174	250	20	1106	166	254	764	50	165	4-Φ19
80WQ70-55-22	419	340	167	220	22	1106	157	259	769	80	200	8-Φ19
100WQ100-36-22/4	550	460	230	320	28	1197	240	838	361	100	180	8-Φ19
150WQ150-30-22/4	565	466	209	335	30	1223	251	864	251	150	240	8-Φ23
200WQ300-17-22/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
200WQ400-13-22/4	623	514	222	370	30	1256	260	898	416	200	295	8-Φ23
250WQ600-7-22/4	666	570	259	400	32	1332	315	974	492	250	350	12-Φ23
150WQ150-34-30/4	652	553	270	380	30	1200	250	855	340	150	240	8-Φ22
200WQ300-21-30/4	676	578	270	390	30	1240	270	895	380	200	295	8-Φ22
250WQ500-14-30/4	710	602	270	410	32	1265	275	920	400	250	350	12-Φ22
300WQ800-8-30/4	820	676	290	480	34	1315	310	970	450	300	400	12-Φ22
150WQ150-40-37/4	652	553	270	380	30	1255	250	850	340	150	240	8-Φ22
200WQ300-25-37/4	676	578	270	390	30	1295	270	890	380	200	295	8-Φ22
250WQ500-18-37/4	710	602	270	410	32	1315	275	910	400	250	350	12-Φ22
300WQ800-11-37/4	820	676	290	480	34	1365	310	860	450	300	400	12-Φ22
200WQ300-30-45/4	676	578	270	390	30	1295	270	930	380	200	295	8-Φ22
250WQ500-21-45/4	710	602	270	410	32	1315	275	950	400	250	350	12-Φ22
300WQ800-14-45/4	820	676	290	480	34	1365	310	1000	450	300	400	12-Φ22



Application

- Wastewater drainage in factories, construction sites and commercial facilities
- Drainage system in municipal sewage treatment plants
- Drainage station in residential quarters
- Municipal projects
- Methane pools and field irrigation in countryside

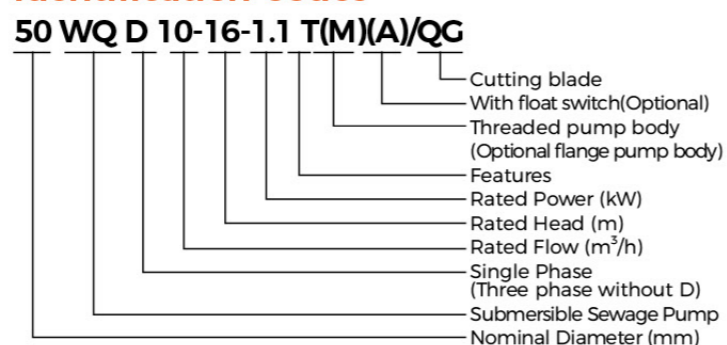
Pump

- Cable Length: Standard with 10m
- All electrophoresis casting parts
- High strength cutting system
- Flexible installations with hoses, pipes or quick-coupling
- Double-end mechanical seal
- Stainless Steel welded shaft
- Liquid density $\leq 1.2 \times 10^3 \text{ kg/m}^3$
- Liquid temperature: 0 - 40 °C
- Liquid PH value: 4 - 10
- Max. immersion Depth: 10 m

Motor

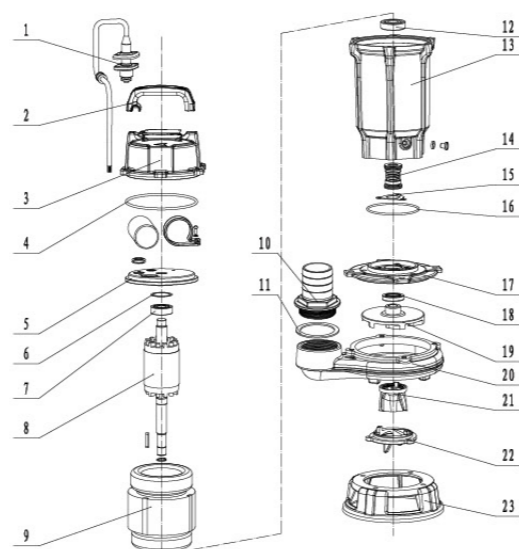
- Current available with :220V/50HZ; 380V/50HZ
- Running mode:S1
- Copper winding
- Insulation class: F
- Enclosures class: IP68

Identification Codes



Material Table

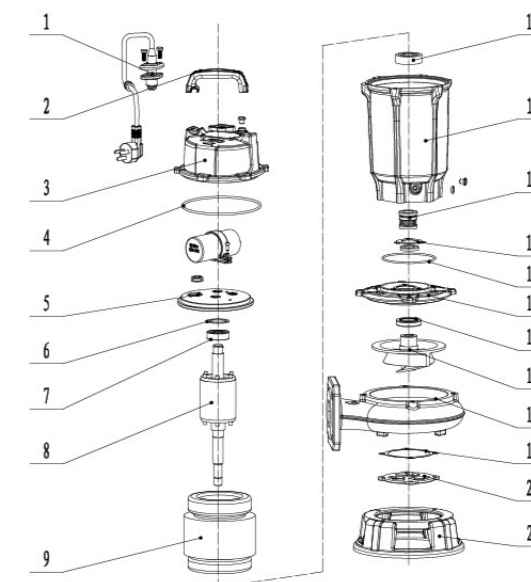
No.	Part	Material
1	Cable	
2	Handle	PP-GF10
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	Wave Spring Washer	65Mn
7	Bearing	0.75kw:6203/1.1kw:6203
8	Rotor	Shaft:AISI304+45# Steel
9	Stator	
10	The water connection	HT200
11	Rubber washer	NBR
12	Bearing	0.75kw:6203/1.1kw:6204
13	Motor Casing	HT200
14	Mechanical Seal	Q2Q2/B6AV2P1F1F1
15	Pressing plate	AISI304
16	O-Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	NBR
19	Impeller	HT200
20	Pump Body	HT200
21	Cutter	9Cr18
22	Fixed cutter head	9Cr18
23	Base	HT200



0.75 - 1.1kW
Thread connector

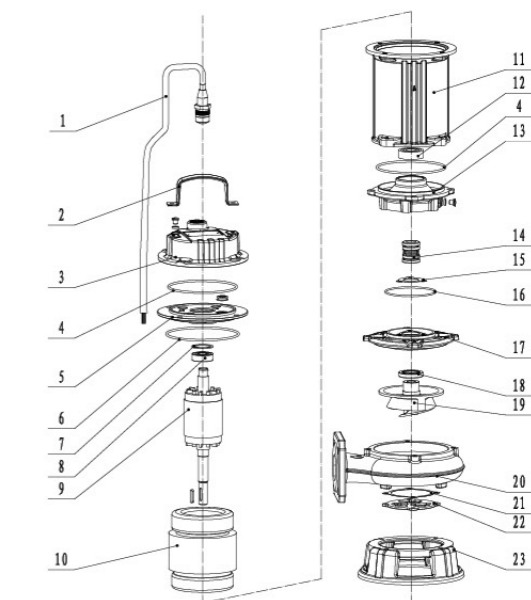
Material Table

No.	Part	Material
1	Cable	
2	Handle	PP-GF10
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	Wave Spring Washer	65Mn
7	Bearing	6203
8	Rotor	Shaft:AISI304+45# Steel
9	Stator	
10	Bearing	6204
11	Motor Casing	HT200
12	Mechanical Seal	Q2Q2/B6AV2P1F1F1
13	Pressing plate	AISI304
14	O-Ring	NBR
15	Cylinder Head	HT200
16	Oil Seal	NBR
17	Impeller	HT200
18	Pump Body	HT200
19	Paper gasket	Highland barley paper
20	Fixed cutter head	9Cr18
21	Base	HT200



1.1kW
Flange connector

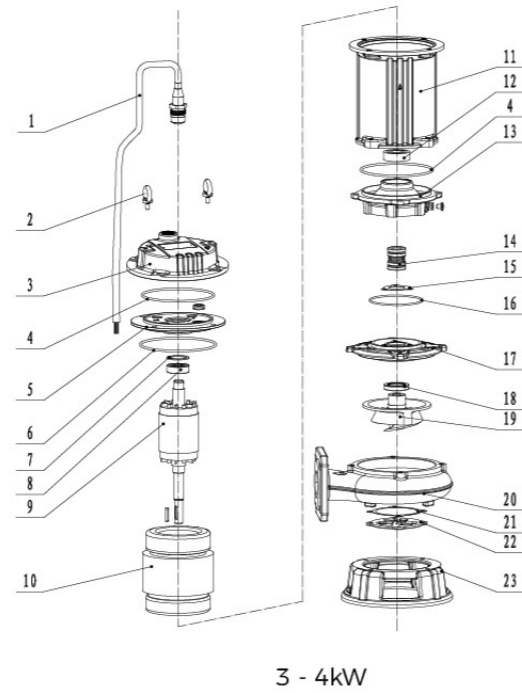
No.	Part	Material
1	Cable	
2	Handle	AISI304
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	O-Ring	NBR
7	Wave Spring Washer	65Mn
8	Bearing	6203
9	Rotor	Shaft:AISI304+45# Steel
10	Stator	
11	Motor Casing	HT200
12	Bearing	2.2kw:6305/1.5kw:6204
13	Oil chamber	HT200
14	Mechanical Seals	Q2Q2/B6AV2P1F1F1
15	Pressing	AISI304
16	O_Sealing Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	NBR
19	Impeller	9Cr18
20	Pump Body	HT200
21	Paper gasket	Highland barley paper
22	Fixed cutter head	9Cr18
23	Base	HT200



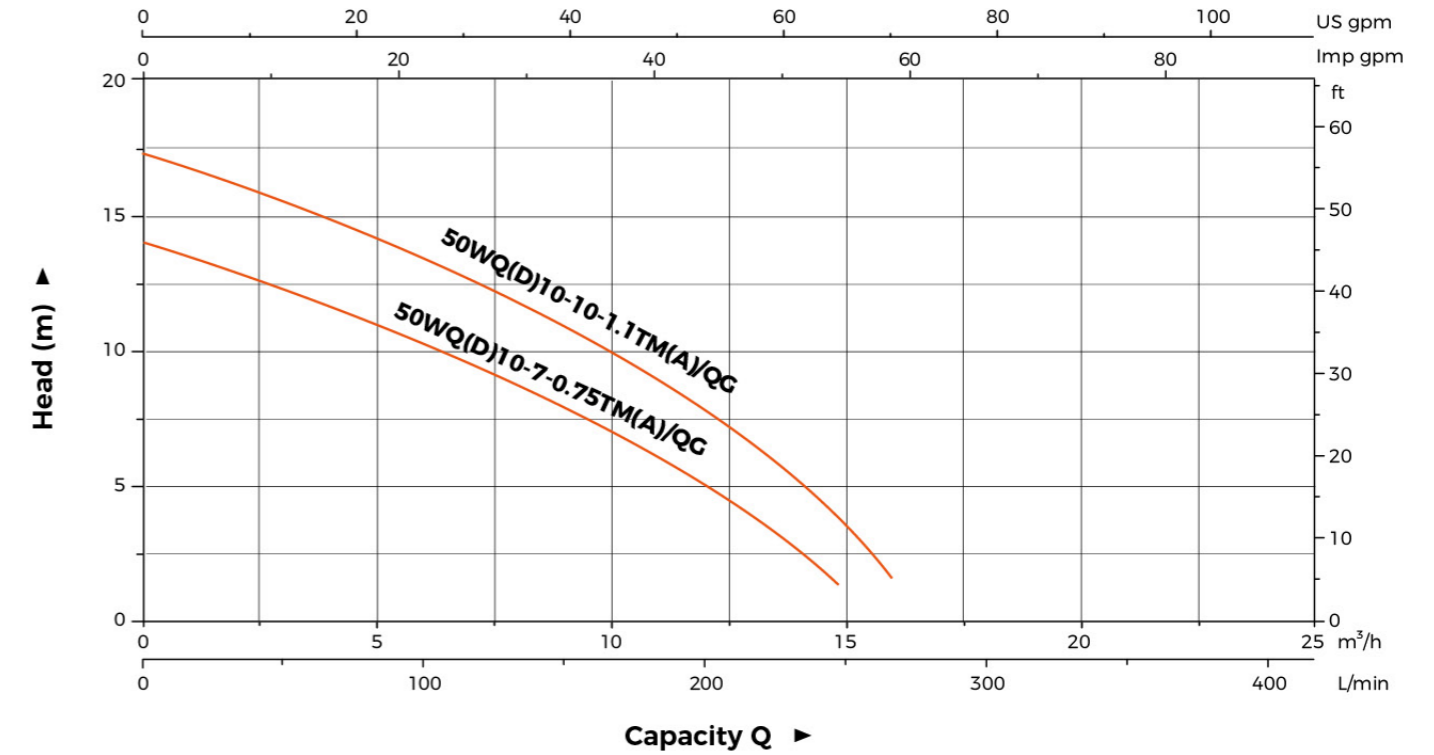
1.5 - 2.2kW

Material Table

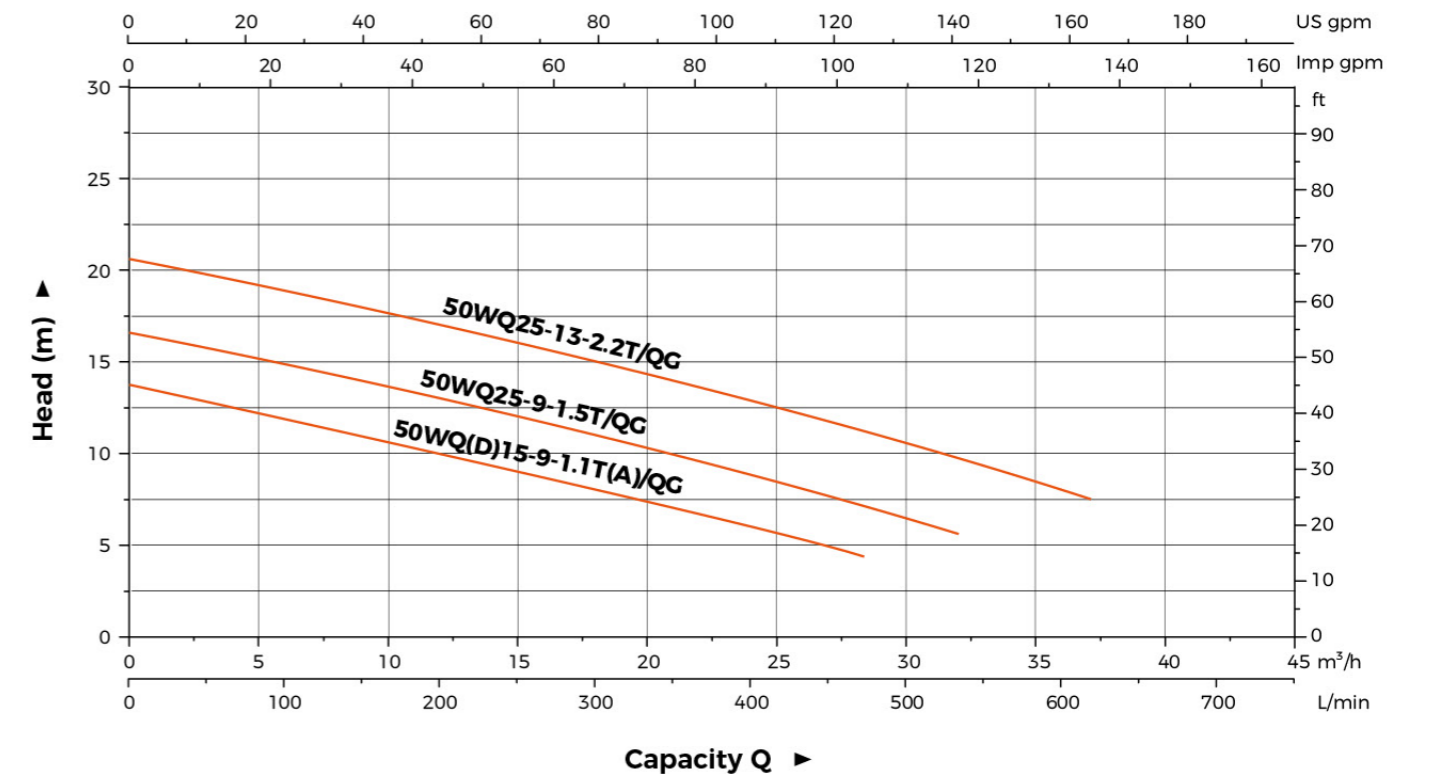
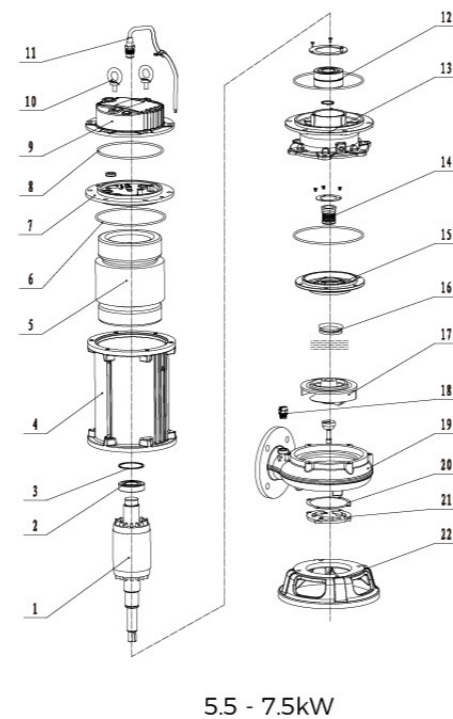
No.	Part	Material
1	Cable	
2	Handle	AISI304
3	Top Cover	HT200
4	O-Ring	NBR
5	End Cover	HT200
6	O-Ring	NBR
7	Wave Spring Washer	65Mn
8	Bearing	6304
9	Rotor	Shaft:2Cr13
10	Stator	
11	Motor Casing	HT200
12	Bearing	6306
13	Oil chamber	HT200
14	Mechanical Seals	Q2Q2/B6AV2P1F1
15	Pressing	AISI304
16	O_Sealing Ring	NBR
17	Cylinder Head	HT200
18	Oil Seal	
19	Impeller	9Cr18
20	Pump Body	HT200
21	Paper gasket	Highland barley paper
22	Fixed cutter head	9Cr18
23	Base	HT200



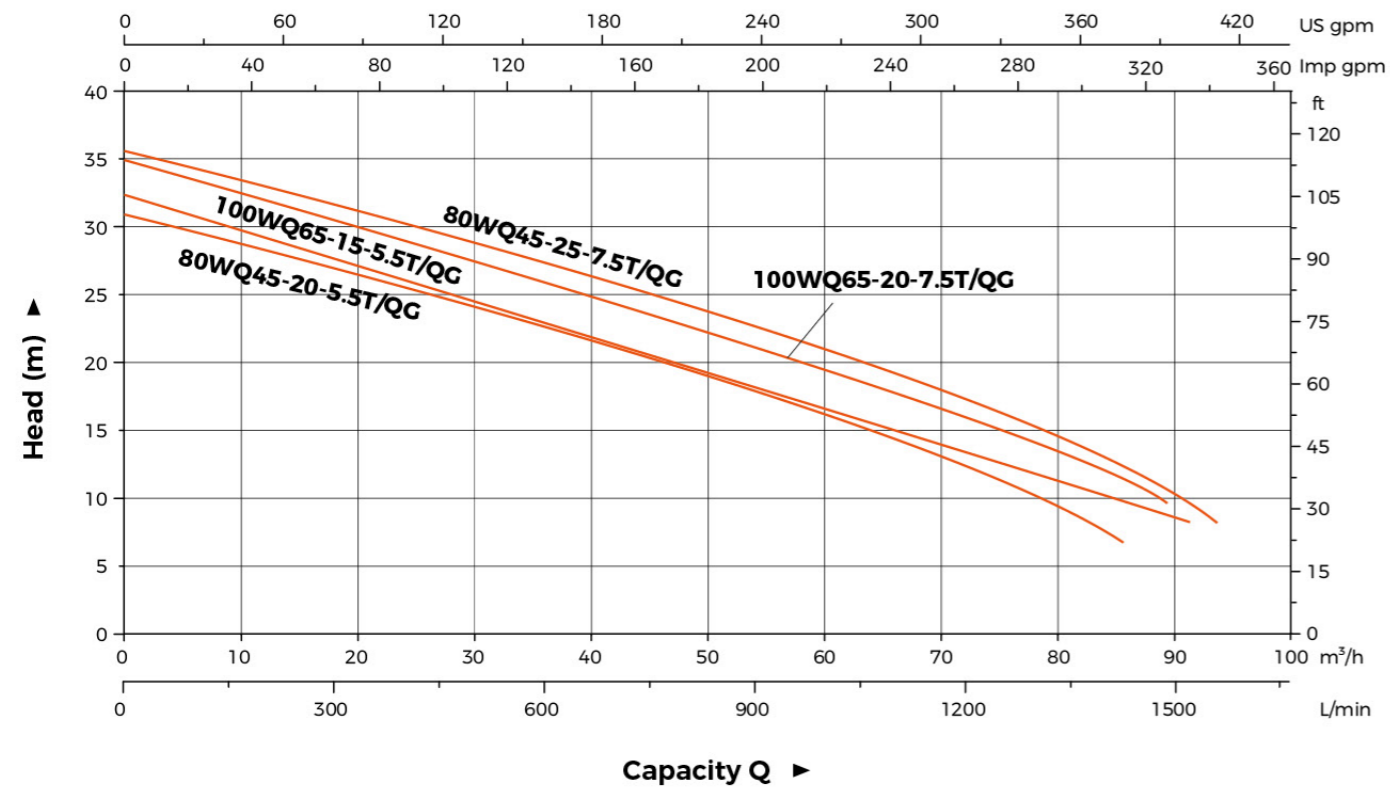
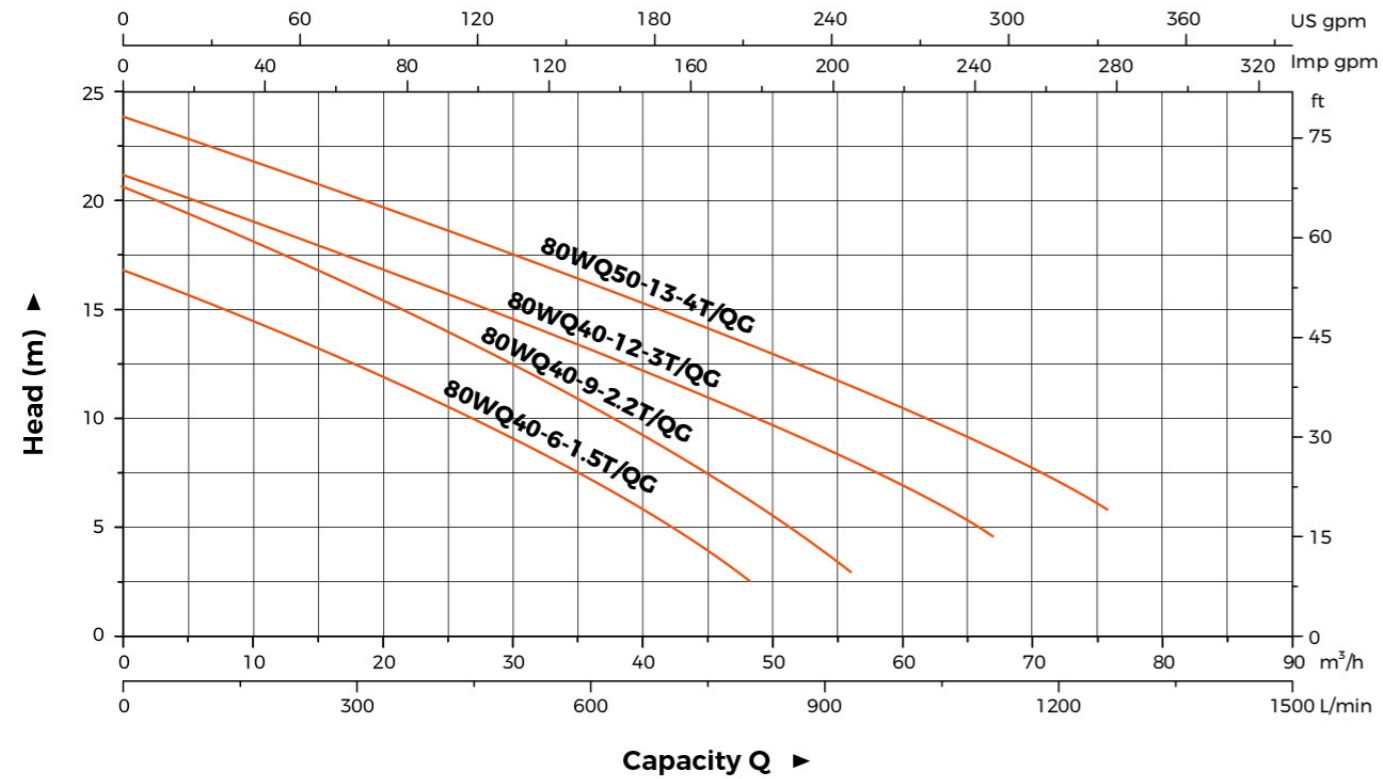
Hydraulic Performance Curves



No.	Part	Material
1	Rotor	AISI304 + 45#
2	Bearing	
3	Wave spring	65Mn
4	Cabinet	HT200
5	Winding	
6	O-ring	NBR
7	Upper cover	HT 200
8	O-ring	NBR
9	Top cover	HT200
10	Lifting ring	AISI304
11	Cable assembly	
12	Bearing	
13	Oil chamber	HT200
14	Mechanical seal	SiC-SiC
15	Pump cover	HT200
16	V-ring	NBR
17	Impeller	9Cr18
18	Exhaust valve	PA66-GF30
19	Pump body	HT200
20	Paper gasket	Barley paper
21	Cutter head	9Cr18
22	Base	HT200



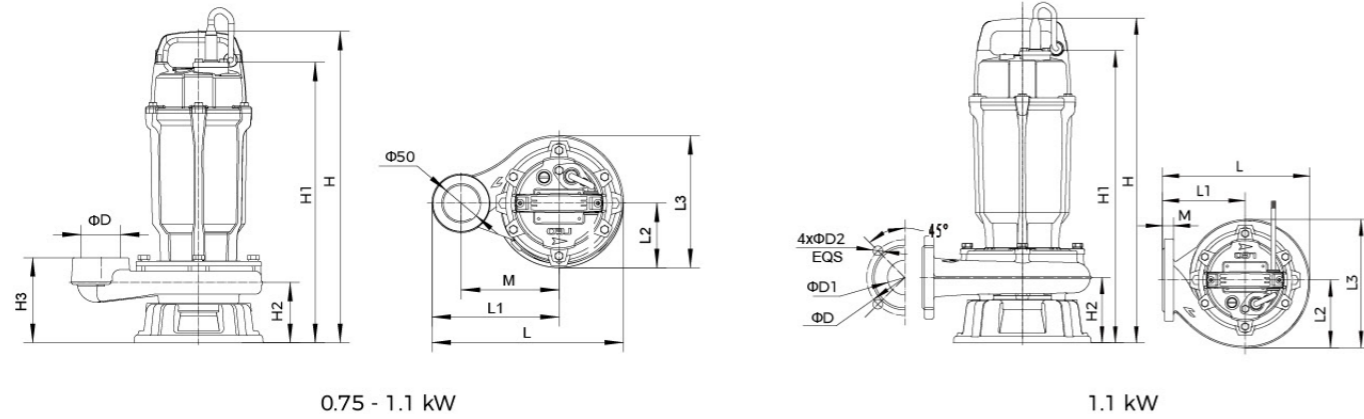
Hydraulic Performance Curves



Technical Data

Model	Voltage	Speed	Max. Flow	Max. Head	Power		Outlet	Guide Rial Fitting	N.W	G.W	Packing Dimension
	V	r.p.m	m³/h	m	KW	HP	inch		kg	kg	mm
50WQD10-7-0.75TM(A)/QC	220	3000	14	14	0.75	1	2"	/	16.5	19.5	494×269×214
50WQ10-7-0.75TM/QC	380	3000	14	14	0.75	1	2"	/	15.8	18.8	494×269×214
50WQD10-10-1.1TM(A)/QC	220	3000	16	17	1.1	1.5	2"	/	21.5	27.2	544×269×244
50WQ10-10-1.1TM/QC	380	3000	16	17	1.1	1.5	2"	/	20.7	24	544×269×244
50WQD15-9-1.1T(A)/QC	220	3000	28	14	1.1	1.5	2"	50-50	22.5	28.3	544×269×244
50WQ15-9-1.1T/QC	380	3000	28	14	1.1	1.5	2"	50-50	21	26.8	544×269×244
50WQ25-9-1.5T/QC	380	3000	32	16	1.5	2	2"	50-50	25	30.7	544×269×244
80WQ40-6-1.5T/QC	380	3000	48	17	1.5	2	3"	80-80	27.5	35.5	604×289×269
50WQ25-13-2.2T/QC	380	3000	37	20	2.2	3	2"	50-50	29.3	35.3	604×269×244
80WQ40-9-2.2T/QC	380	3000	56	21	2.2	3	3"	80-80	31.9	39.8	604×289×269
80WQ40-12-3T/QC	380	3000	68	21	3	4	3"	80-80	45.5	55.5	744×324×289
80WQ50-13-4T/QC	380	3000	76	25	4	5.5	3"	80-80	49.2	59.1	744×324×289
80WQ45-20-5.5T/QC	380	3000	60	30.5	5.5	7.5	3"	80-80	82.4	102.7	904×399×439
100WQ65-15-5.5T/QC	380	3000	80	32	5.5	7.5	4"	100-100	83.4	106.8	904×399×439
80WQ45-25-7.5T/QC	380	3000	60	35.5	7.5	10	3"	80-80	104.5	126.5	1054×399×439
100WQ65-20-7.5T/QC	380	3000	80	34.5	7.5	10	4"	100-100	105.5	130.6	1054×399×439

Dimension

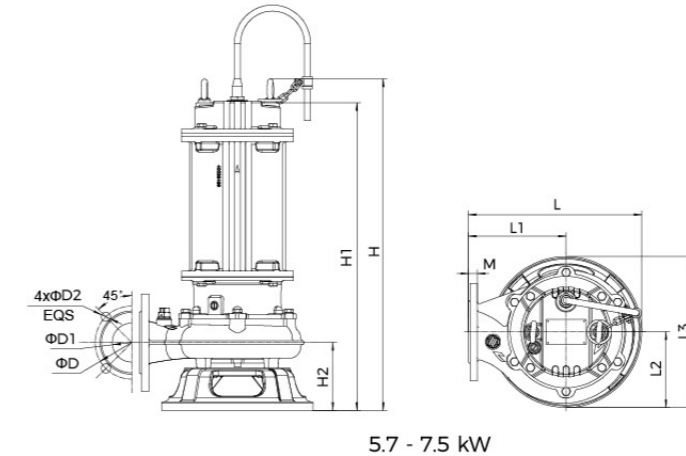


0.75 - 1.1 kW

1.1 kW

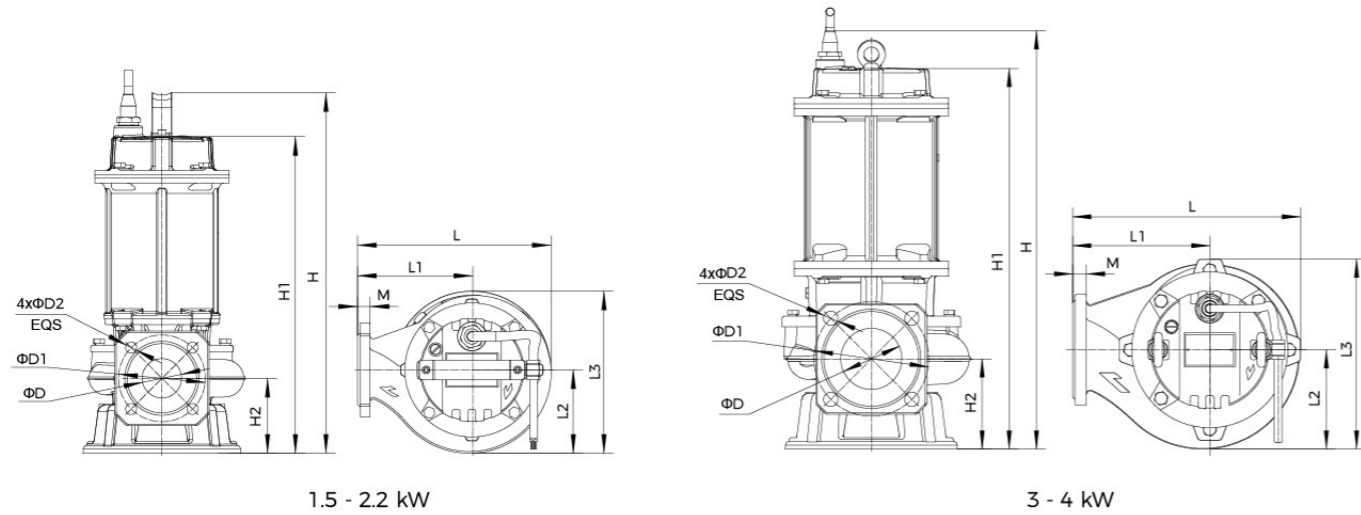
Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQD10-7-0.75TM(A)/QG	245	163	82.5	169	125	397.5	358	76	50	/	/
50WQ10-7-0.75TM/QG	245	163	82.5	169	125	397.5	358	76	50	/	/
50WQD10-10-1.1TM(A)/QG	268	168	100	200	133	453.5	407.5	90	50	/	/
50WQ10-10-1.1TM/QG	268	168	100	200	133	453.5	407.5	90	50	/	/
50WQD15-9-1.1T(A)/QG	245.5	145	100.5	206	16	470.5	437.5	94.5	50	110	14
50WQ15-9-1.1T/QG	245.5	145	100.5	206	16	470.5	437.5	94.5	50	110	14

Dimension



5.7 - 7.5 kW

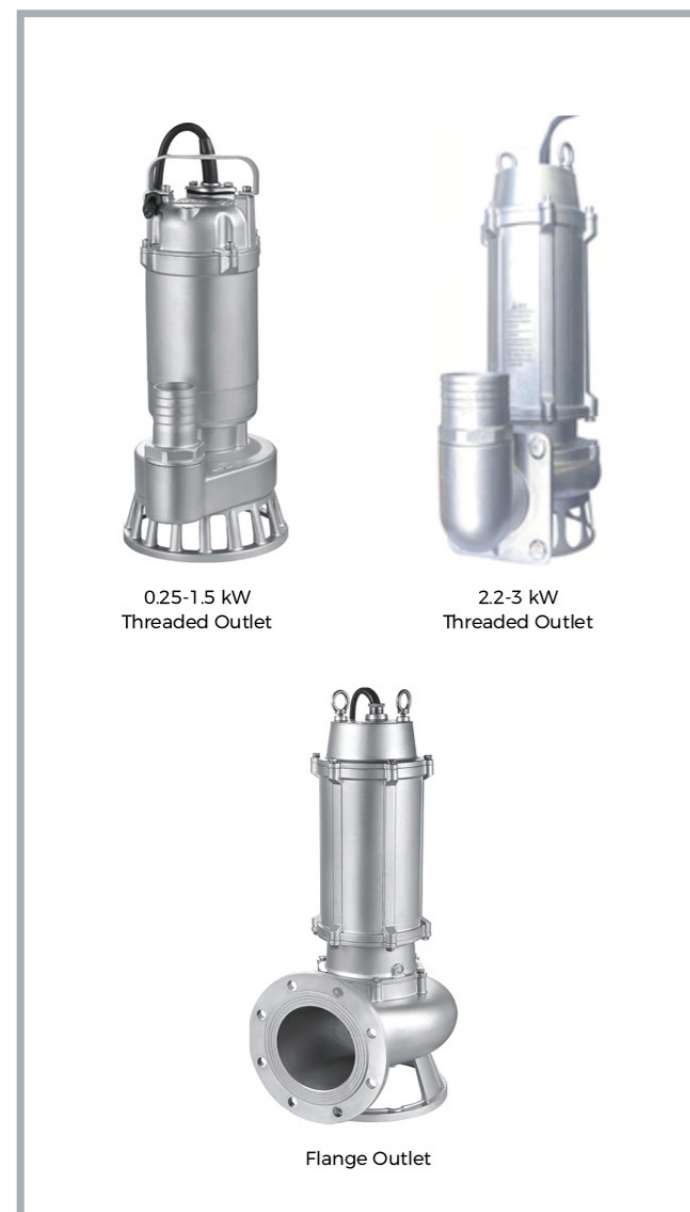
Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
80WQ45-20-5.5T/QG	355	200	155	310	18	683	631	139	150	80	19
100WQ65-15-5.5T/QG	355	200	155	310	18	685	366	138	170	100	19
80WQ45-25-7.5T/QG	355	200	155	310	18	722	670	139	150	80	19
100WQ65-20-7.5T/QG	355	200	155	310	18	724	672	138	170	100	19



1.5 - 2.2 kW

3 - 4 kW

Model	L	L1	L2	L3	M	H	H1	H2	D	D1	D2
50WQ25-9-1.5T/QG	245.5	145	106	206	16	457	399.5	94.5	50	110	14
80WQ40-6-1.5T/QG	272.5	160	117	229	18	472.5	415	110	80	150	19
50WQ25-13-2.2T/QG	245.5	145	106	206	16	493	437.5	94.5	50	110	14
80WQ40-9-2.2T/QG	272.5	160	117	229	18	509	453	110	80	150	19
80WQ40-12-3T/QG	298	179	130	248.5	18	544	498.5	118	80	150	19
80WQ50-13-4T/QG	298	179	130	248.5	18	544	498.5	118	80	150	19



Application

- Suitable for buildings, hospitals, residential areas, municipal engineering, road and construction, industrial wastewater, aquaculture, pharmaceuticals, beverages, seawater, saltwater, solid particles, long fiber wastewater, and sewage contained in generally corrosive medium.

Application Conditions

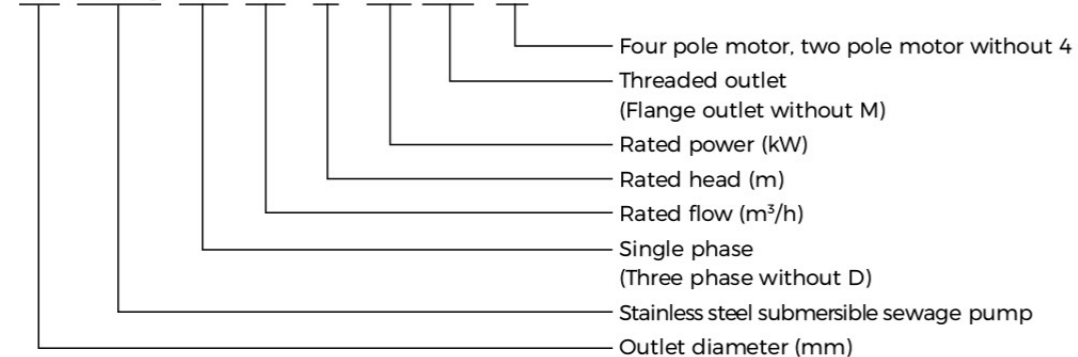
- Liquid temperature: $\leq 40^{\circ}\text{C}$ standard, $\leq 90^{\circ}\text{C}$ for high-temperature resistant version.
- Medium density: $< 1200\text{kg}/\text{m}^3$.
- During operation, the minimum liquid level shall not be lower than $2/3$ of the motor.
- The pH values of 304 (4-10), 316 (4-13), and 316L (3-13) are for reference only;

Product Features

- The SWQ series adopts stainless steel precision casing shell, which has the characteristics of no pollution and good corrosion resistance, and is suitable for more scenarios.
- The impeller adopts a dual channel design with strong passability, good balance of symmetrical channels, smooth operation, low vibration, and extended service life.
- Professional motor for submersible pump, IP68 protection level, F-class insulation, good cooling effect, low temperature rise, long service life of the motor, equipped with overcurrent protector to prevent motor overload and heating.
- Adopting fluororubber double end mechanical seal, with external skeleton oil seal for motors below 7.5kW, and 2-3 series mechanical seals for motors above 11kW. There are multiple reliable sealings in the oil chamber and motor chamber.

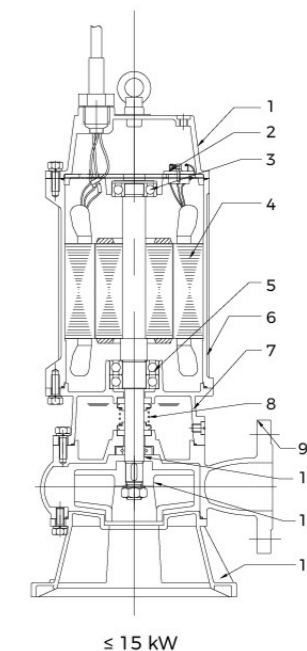
Identification Codes

50 SWQ (D) 15 - 7 - 1.1 (M) / 4

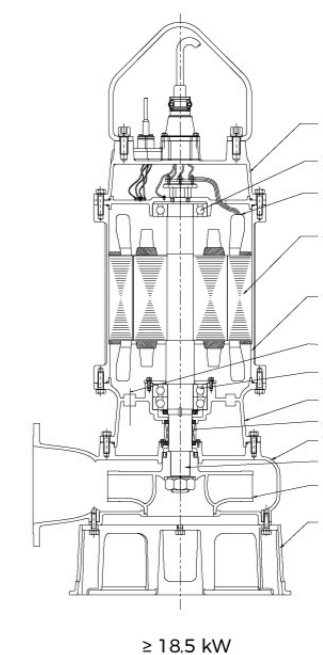


Material Table

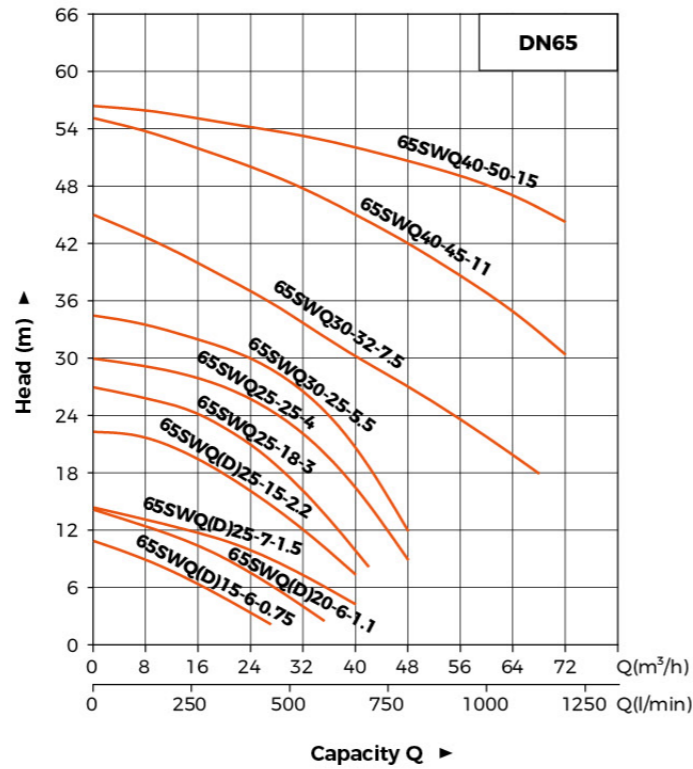
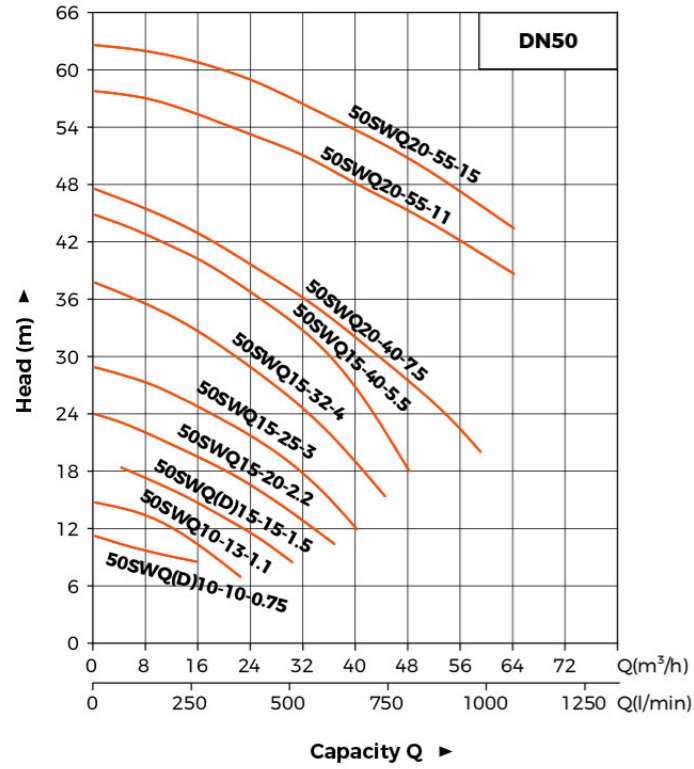
No.	Part	Material
1	Pump cover	Stainless steel
2	Thermal protector	$\leq 7.5\text{kW}$ is standard, $> 7.5\text{kW}$ is optional
3	Bearing	
4	Motor	
5	Bearing	
6	Motor base	Stainless steel
7	Oil chamber	Stainless steel
8	Mechanical seal	Sic-Sic
9	Pump body	Stainless steel
10	Impeller	Stainless steel
11	Pump base	Stainless steel
12	Shaft	Stainless steel+45 #



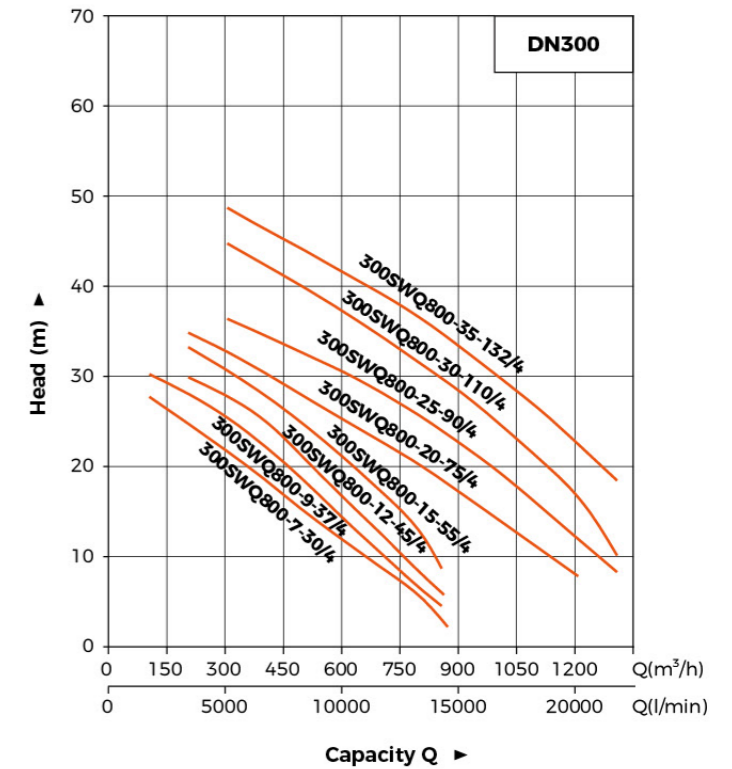
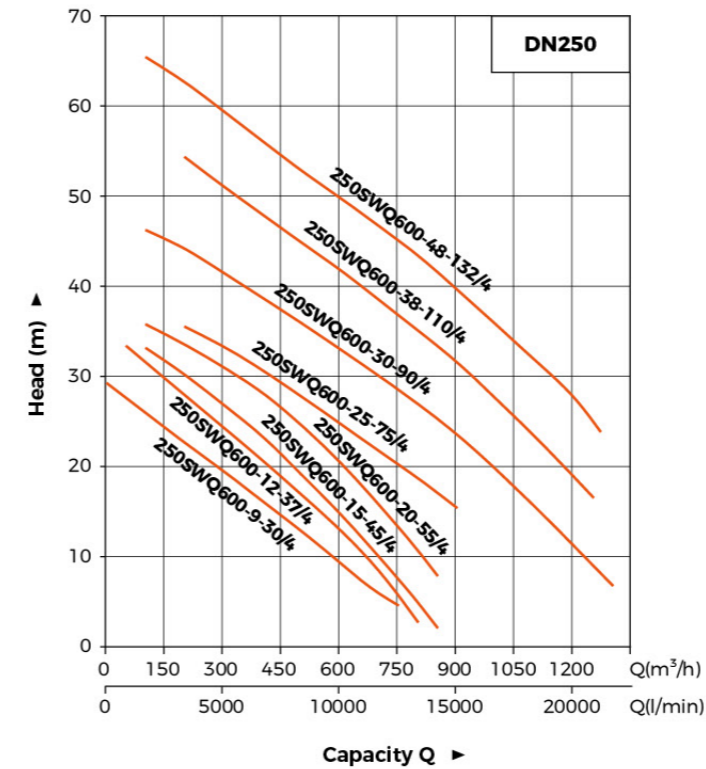
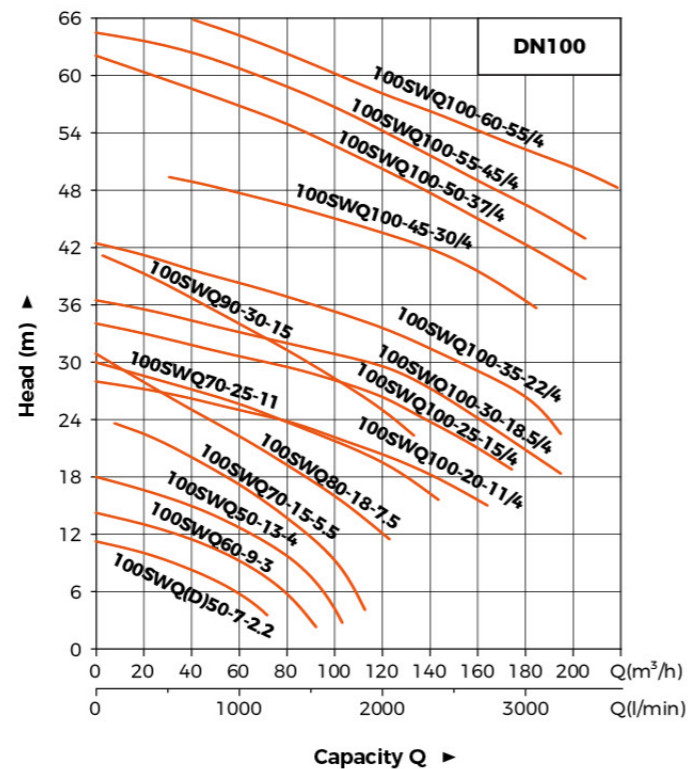
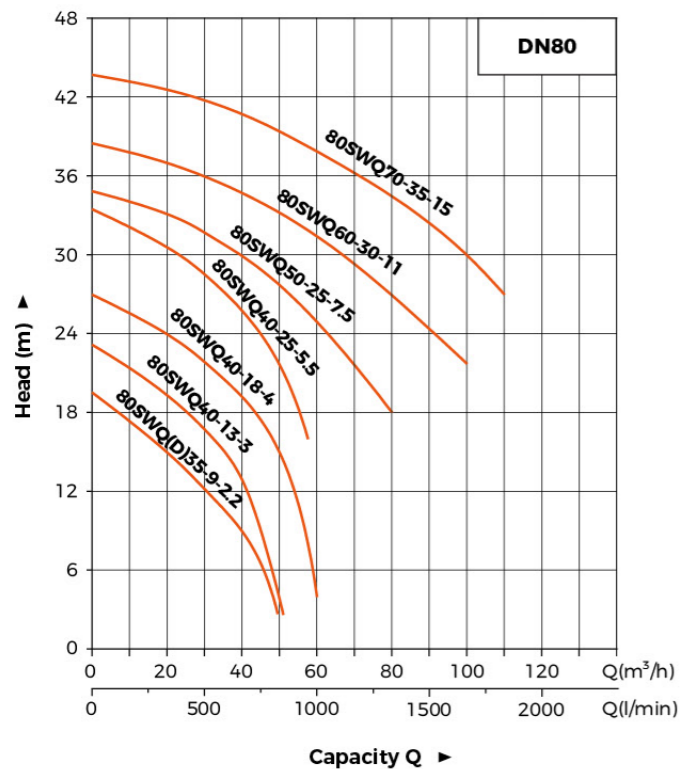
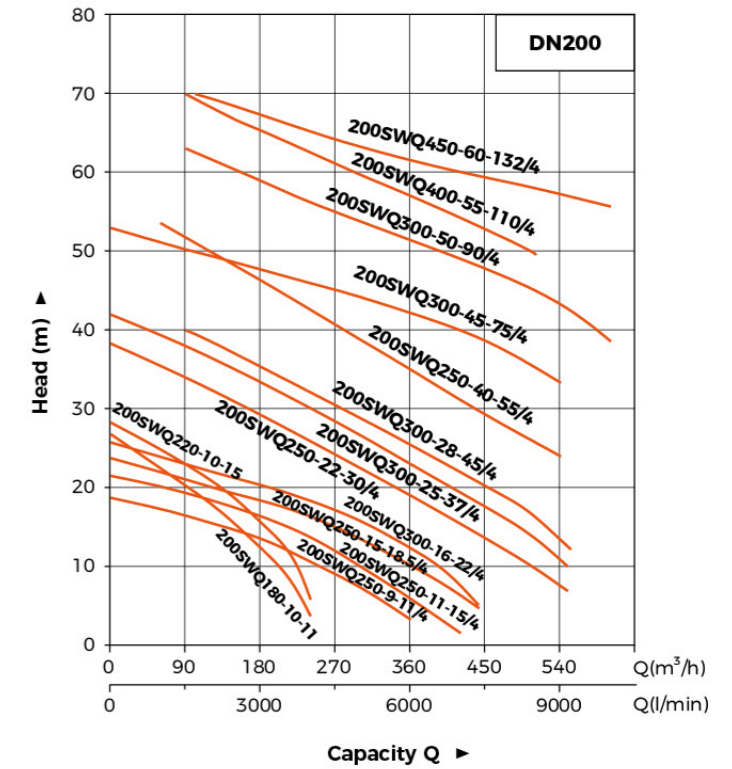
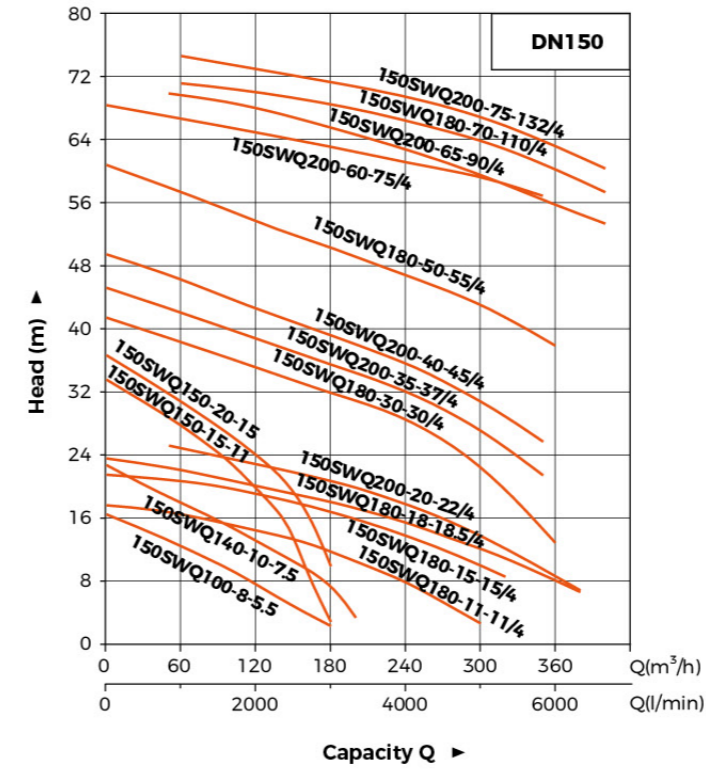
No.	Part	Material
1	Pump cover	Stainless steel
2	Thermal protection	Optional
3	Bearing	
4	Motor	
5	Bearing	
6	Motor base	Stainless steel
7	Oil chamber	Stainless steel
8	Mechanical seal	Sic-Sic
9	Pump body	Stainless steel
10	Impeller	Stainless steel
11	Pump base	Stainless steel
12	Shaft	Stainless steel+45 #
13	Oil chamber leakage protection	Optional



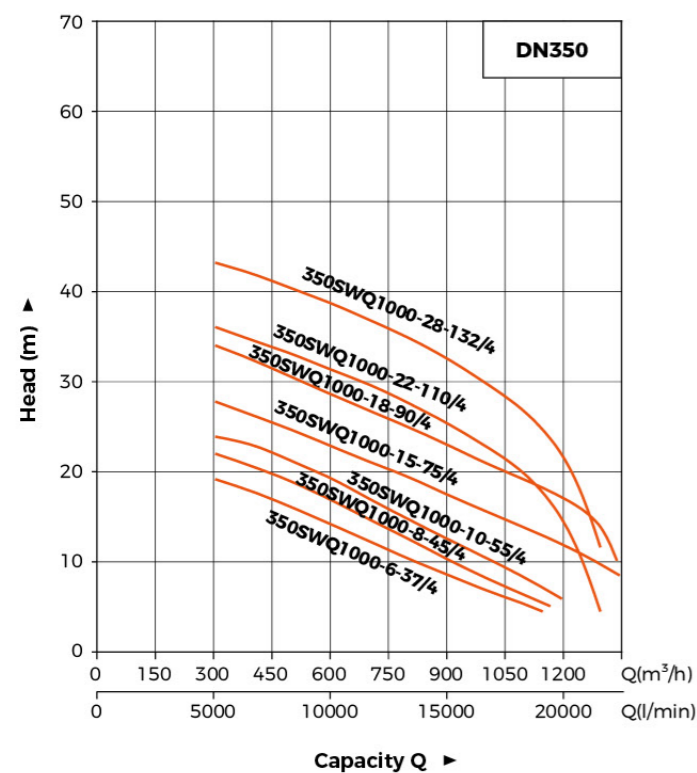
Hydraulic Performance Curves



Hydraulic Performance Curves



Hydraulic Performance Curves



Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m³/h	m	kW	V	mm	r/min
25SWQD3-7-0.25M	3	7	0.25	220	25	2850
25SWQD3-9-0.37M	3	9	0.37	220	25	2850
32SWQD5-7-0.37M	5	7	0.37	220	32	2850
40SWQD7-5-0.37M	7	5	0.37	220	40	2850
32SWQD4-10-0.55M	4	10	0.55	220	32	2850
40SWQD7-7-0.55M	7	7	0.55	220	40	2850
32SWQD5-15-0.75M	5	15	0.75	220	32	2850
40SWQD10-9-0.75M	10	9	0.75	220	40	2850
50SWQD12-8-0.75M	12	8	0.75	220	50	2850
65SWQD15-6-0.75M	15	6	0.75	220	65	2850
40SWQD8-15-1.1M	8	15	1.1	220	40	2850
50SWQD12-12-1.1M	12	12	1.1	220	50	2850
65SWQD20-6-1.1M	20	6	1.1	220	65	2850
40SWQD6-18-1.5M	6	18	1.5	220	40	2850
50SWQD15-12-1.5M	15	12	1.5	220	50	2850

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m³/h	m	kW	V	mm	r/min
65SWQD25-7-1.5M	25	7	1.5	220	65	2850
50SWQD9-22-2.2M	9	22	2.2	220	50	2850
65SWQD25-12-2.2M	25	12	2.2	220	65	2850
80SWQD45-7-2.2M	45	7	2.2	220	80	2850
25SWQ3-7-0.25M	3	7	0.25	380	25	2850
25SWQ3-9-0.37M	3	9	0.37	380	25	2850
32SWQ5-7-0.37M	5	7	0.37	380	32	2850
40SWQ7-5-0.37M	7	5	0.37	380	40	2850
32SWQ4-10-0.55M	4	10	0.55	380	32	2850
40SWQ7-7-0.55M	7	7	0.55	380	40	2850
32SWQ5-15-0.75M	5	15	0.75	380	32	2850
40SWQ10-9-0.75M	10	9	0.75	380	40	2850
50SWQ12-8-0.75M	12	8	0.75	380	50	2850
65SWQ15-6-0.75M	15	6	0.75	380	65	2850
40SWQ8-15-1.1M	8	15	1.1	380	40	2850
50SWQ12-12-1.1M	12	12	1.1	380	50	2850
65SWQ20-6-1.1M	20	6	1.1	380	65	2850
40SWQ6-18-1.5M	6	18	1.5	380	40	2850
50SWQ15-12-1.5M	15	12	1.5	380	50	2850
65SWQ25-7-1.5M	25	7	1.5	380	65	2850
50SWQ9-22-2.2M	9	22	2.2	380	50	2850
65SWQ25-12-2.2M	25	12	2.2	380	65	2850
80SWQ45-7-2.2M	45	7	2.2	380	80	2850
50SWQ15-22-3M	15	22	3	380	50	2850
65SWQ25-15-3M	25	15	3	380	65	2850
80SWQ50-10-3M	50	10	3	380	80	2850
50SWQD10-10-0.75	10	10	0.75	220	50	2850
65SWQD15-6-0.75	15	6	0.75	220	65	2850
50SWQD10-13-1.1	10	13	1.1	220	50	2850
65SWQD20-6-1.1	20	6	1.1	220	65	2850
50SWQ10-10-0.75	10	10	0.75	380	50	2850
65SWQ15-6-0.75	15	6	0.75	380	65	2850
50SWQ10-13-1.1	10	13	1.1	380	50	2850
65SWQ20-6-1.1	20	6	1.1	380	65	2850
50SWQD15-15-1.5	15	15	1.5	220	50	2850

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
65SWQD25-7-1.5	25	7	1.5	220	65	2850
50SWQ15-15-1.5	15	15	1.5	380	50	2850
65SWQ25-7-1.5	25	7	1.5	380	65	2850
50SWQD15-20-2.2	15	20	2.2	220	50	2850
65SWQD25-15-2.2	25	15	2.2	220	65	2850
80SWQD35-9-2.2	35	9	2.2	220	80	2850
100SWQD50-7-2.2	50	7	2.2	220	100	2850
50SWQ15-20-2.2	15	20	2.2	380	50	2850
65SWQ25-15-2.2	25	15	2.2	380	65	2850
80SWQ35-9-2.2	35	9	2.2	380	80	2850
100SWQ50-7-2.2	50	7	2.2	380	100	2850
50SWQ15-25-3	15	25	3	380	50	2850
65SWQ25-18-3	25	20	3	380	65	2850
80SWQ40-13-3	40	13	3	380	80	2850
100SWQ60-9-3	60	9	3	380	100	2850
50SWQ15-32-4	15	32	4	380	50	2900
65SWQ25-25-4	25	25	4	380	65	2900
80SWQ40-18-4	40	18	4	380	80	2900
100SWQ50-13-4	50	13	4	380	100	2900
50SWQ15-40-5.5	15	40	5.5	380	50	2900
65SWQ30-25-5.5	30	25	5.5	380	65	2900
80SWQ40-25-5.5	40	25	5.5	380	80	2900
100SWQ70-15-5.5	70	15	5.5	380	100	2900
150SWQ100-8-5.5	100	8	5.5	380	150	2900
50SWQ20-40-7.5	20	40	7.5	380	50	2900
65SWQ30-32-7.5	30	32	7.5	380	65	2900
80SWQ50-25-7.5	50	25	7.5	380	80	2900
100SWQ80-18-7.5	80	18	7.5	380	100	2900
150SWQ140-10-7.5	140	10	7.5	380	150	2900
50SWQ20-50-11	20	50	11	380	50	2900
65SWQ40-45-11	40	45	11	380	65	2900
80SWQ60-30-11	60	30	11	380	80	2900
100SWQ70-25-11	70	25	11	380	100	2900
150SWQ150-15-11	150	15	11	380	150	2900
200SWQ180-10-11	180	10	11	380	200	2900

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
50SWQ20-55-15	20	55	15	380	50	2900
65SWQ40-50-15	40	50	15	380	65	2900
80SWQ70-35-15	70	35	15	380	80	2900
100SWQ90-30-15	90	30	15	380	100	2900
150SWQ120-20-15	120	20	15	380	150	2900
200SWQ220-10-15	220	10	15	380	200	2900
50SWQ20-70-18.5	20	70	18.5	380	50	2900
65SWQ40-60-18.5	40	60	18.5	380	65	2900
80SWQ70-40-18.5	70	40	18.5	380	80	2900
100SWQ90-35-18.5	90	35	18.5	380	100	2900
150SWQ180-18-18.5	180	18	18.5	380	150	2900
200SWQ250-15-18.5	250	15	18.5	380	200	2900
50SWQ20-75-22	20	75	22	380	50	2900
65SWQ40-70-22	40	70	22	380	65	2900
80SWQ70-50-22	70	50	22	380	80	2900
100SWQ100-40-22	100	40	22	380	100	2900
150SWQ180-21-22	180	21	22	380	150	2900
200SWQ300-15-22	300	15	22	380	200	2900
100SWQ100-20-11/4	100	20	11	380	100	1450
150SWQ180-11-11/4	180	11	11	380	150	1450
200SWQ250-9-11/4	250	9	11	380	200	1450
250WQ500-3-11/4	500	3	11	380	250	1450
100SWQ100-25-15/4	100	25	15	380	100	1450
150SWQ180-15-15/4	180	15	15	380	150	1450
200SWQ250-11-15/4	250	11	15	380	200	1450
250SWQ500-5-15/4	500	5	15	380	250	1450
100SWQ100-30-18.5/4	100	30	18.5	380	100	1450
150SWQ180-18-18.5/4	180	18	18.5	380	150	1450
200SWQ250-15-18.5/4	250	15	18.5	380	200	1450
250SWQ500-7-18.5/4	500	7	18.5	380	250	1450
100SWQ100-35-22/4	100	35	22	380	100	1450
150SWQ200-20-22/4	200	20	22	380	150	1450
200SWQ300-16-22/4	300	16	22	380	200	1450
250SWQ500-9-22/4	500	9	22	380	250	1450
100SWQ100-45-30/4	100	45	30	380	100	1450

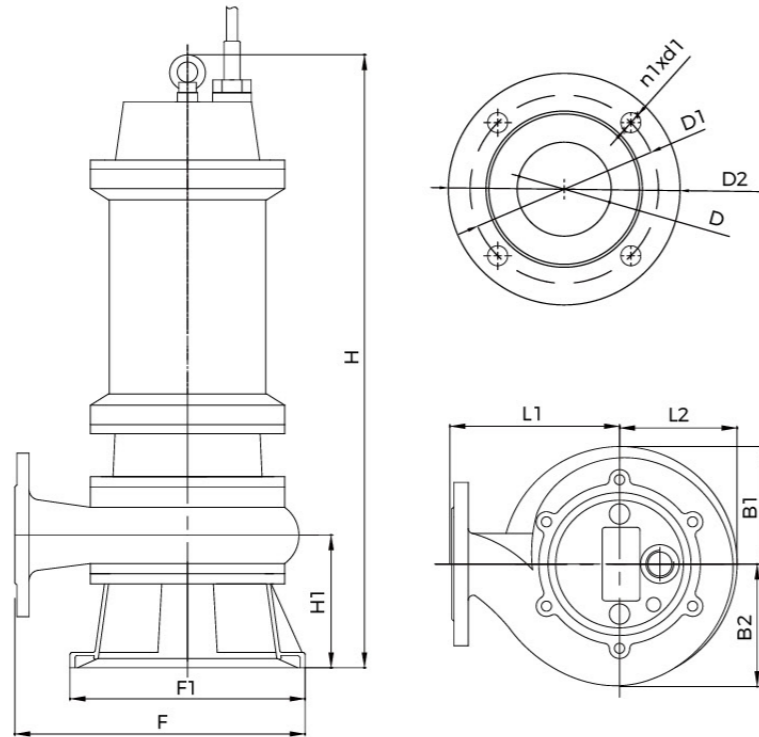
Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
150SWQ180-30-30/4	180	30	30	380	150	1450
200SWQ250-22-30/4	250	22	30	380	200	1450
250SWQ600-9-30/4	600	9	30	380	250	1450
300SWQ800-7-30/4	800	7	30	380	300	1450
350SWQ1000-6-30/6	1000	6	30	380	350	980
100SWQ100-50-37/4	120	50	37	380	100	1450
150SWQ200-35-37/4	200	35	37	380	150	1450
200SWQ300-25-37/4	300	25	37	380	200	1450
250SWQ600-12-37/4	600	12	37	380	250	1450
300SWQ800-9-37/4	800	9	37	380	300	1450
350SWQ1000-6-37/4	1000	6	37	380	350	1450
350SWQ1200-6-37/6	1200	6	37	380	350	980
100SWQ100-55-45/4	100	55	45	380	100	1450
150SWQ200-40-45/4	200	40	45	380	150	1450
200SWQ350-28-45/4	350	28	45	380	200	1450
250SWQ600-15-45/4	600	15	45	380	250	1450
300SWQ800-12-45/4	800	12	45	380	300	1450
350SWQ1000-8-45/4	1000	8	45	380	350	1450
350SWQ1200-8-45/6	1300	8	45	380	350	980
100SWQ100-60-55/4	100	60	55	380	100	1450
150SWQ180-50-55/4	180	50	55	380	150	1450
200SWQ250-40-55/4	250	40	55	380	200	1450
250SWQ600-20-55/4	600	20	55	380	250	1450
300SWQ800-15-55/4	800	15	55	380	300	1450
350SWQ1000-10-55/4	1000	10	55	380	350	1450
150SWQ200-60-75/4	200	60	75	380	150	1450
200SWQ300-45-75/4	300	45	75	380	200	1450
250SWQ600-25-75/4	600	25	75	380	250	1450
300SWQ800-20-75/4	800	20	75	380	300	1450
350SWQ1000-15-75/4	1000	15	75	380	350	1450
400SWQ1300-13-75/4	1300	13	75	380	400	1450
400SWQ1600-10-75/6	1600	10	75	380	400	980
150SWQ200-65-90/4	200	65	90	380	150	1450
200SWQ300-50-90/4	300	50	90	380	200	1450
250SWQ600-30-90/4	600	30	90	380	250	1450

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
300SWQ800-25-90/4	800	25	90	380	300	1450
350SWQ1000-18-90/4	1000	18	90	380	350	1450
400SWQ1300-16-90/4	1300	16	90	380	400	1450
150SWQ200-70-110/4	200	70	110	380	150	1450
200SWQ400-55-110/4	400	55	110	380	200	1450
250SWQ600-38-110/4	600	38	110	380	250	1450
300SWQ800-30-110/4	800	30	110	380	300	1450
350SWQ1000-22-110/4	1000	22	110	380	350	1450
400SWQ1600-15-110/4	1600	15	110	380	400	1450
150SWQ200-75-132/4	200	75	132	380	150	1450
200SWQ400-60-132/4	400	60	132	380	200	1450
250SWQ600-48-132/4	600	48	132	380	250	1450
300SWQ800-35-132/4	800	35	132	380	300	1450
350SWQ1000-28-132/4	1000	28	132	380	350	1450
400SWQ1600-18-132/4	1600	18	132	380	400	1450
250SWQ600-60-160/4	600	60	160	380	250	1450
300SWQ800-40-160/4	800	40	160	380	300	1450
350SWQ1000-35-160/4	1000	35	160	380	350	1450
400SWQ1600-20-160/4	1600	20	160	380	400	1450
500SWQ2000-16-160/4	2000	16	160	380	500	1450
250SWQ600-70-185/4	600	70	185	380	250	1450
300SWQ900-40-185/4	900	40	185	380	300	1450
350SWQ1100-38-185/4	1100	38	185	380	350	1450
400SWQ1600-25-185/4	1600	25	185	380	400	1450
500SWQ2200-15-185/4	2200	15	185	380	500	1450
250SWQ750-75-200/4	750	75	200	380	250	1450
300SWQ1000-45-200/4	1000	45	200	380	300	1450
350SWQ1300-35-200/4	1300	35	200	380	350	1450
400SWQ1600-27-200/4	1600	27	200	380	400	1450
500SWQ2500-15-200/4	2500	15	200	380	500	1450
300SWQ1200-45-250/4	1200	45	250	380	300	1450
350SWQ1500-36-250/4	1500	36	250	380	350	1450
400SWQ1600-30-250/4	1600	30	250	380	400	1450
500SWQ2800-15-250/4	2800	15	250	380	500	1450

Dimension



Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
50SWQD10-10-0.75	499	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQD15-6-0.75	499	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50SWQD10-13-1.1	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQD20-6-1.1	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50SWQ10-10-0.75	499	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQ15-6-0.75	499	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50SWQ10-13-1.1	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQ20-6-1.1	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50SWQD15-15-1.5	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQD25-7-1.5	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50SWQ15-15-1.5	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQ25-7-1.5	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50SWQD15-20-2.2	547.7	111.2	247.5	205	142.8	102.5	102.5	102.8	50	110	140	4*14
65SWQD25-15-2.2	547.7	111.2	247.5	205	145	102.5	102.5	104	65	130	160	4*14
80SWQD35-9-2.2	547.7	111.2	247.5	205	151	112.5	102.5	116	80	150	190	4*18

Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
100SWQD50-7-2.2	590.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50SWQ15-20-2.2	522.7	111.2	247.5	205	142.8	102.5	102.5	102.8	50	110	140	4*14
65SWQ25-15-2.2	522.7	111.2	247.5	205	145	102.5	102.5	104	65	130	160	4*14
80SWQ35-9-2.2	522.7	111.2	247.5	205	151	112.5	102.5	116	80	150	190	4*18
100SWQ50-7-2.2	590.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50SWQ15-25-3	600	130	275	230	160	115	115	116	50	110	140	4*14
65SWQ25-18-3	600	130	284	230	166	115	115	120	65	130	160	4*14
80SWQ40-13-3	600	130	284	230	166	115	115	120	80	150	190	4*18
100SWQ60-9-3	620.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50SWQ15-32-4	625.5	137.5	285	239.9	165	118	120	122.8	50	110	140	4*14
65SWQ25-25-4	620	130	284	230	166	115	115	120	65	130	160	4*14
80SWQ40-18-4	620	130	284	230	166	115	115	120	80	150	190	4*18
100SWQ50-13-4	640.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50SWQ15-40-5.5	693.5	137.5	285	240	165	119.9	120	122.8	50	110	140	4*14
65SWQ30-25-5.5	710	150	323	240	196	127	121	136	65	130	160	4*14
80SWQ40-25-5.5	710	150	319	240	192	127	121	135.9	80	150	190	4*18
100SWQ70-15-5.5	719.5	154.5	330.8	239.9	202	129	120	143	100	170	210	4*18
150SWQ100-8-5.5	738	157	371.4	285.9	220	148	143	163	150	225	265	8*18
50SWQ20-40-7.5	683	125	295	258	165	129.2	129	134.2	50	110	140	4*14
65SWQ30-32-7.5	683	125	305	258	175	129.2	129	134.2	65	130	160	4*14
80SWQ50-25-7.5	710	150	319	240	192	127	121	135.9	80	150	190	4*18
100SWQ80-18-7.5	719.5	154.5	330.8	239.9	202	129	120	143	100	170	210	4*18
150SWQ140-10-7.5	738	157	371.4	285.9	220	148	143	163	150	225	265	8*18
50SWQ20-50-11	844	192.5	345.5	315	188	140.7	142.8	145.8	50	110	140	4*14
65SWQ40-45-11	844	192.5	345.5	315	188	140.7	142.8	145.8	65	130	160	4*14
80SWQ60-30-11	872	203	386.5	315	229	157.5	157.4	159.1	80	150	190	4*18
100SWQ70-25-11	872	203.5	377.4	315	220	157.5	157.4	170.4	100	170	210	4*18
150SWQ150-15-11	872	205.5	392.5	315	235	157.5	157.5	170	150	225	265	8*18
200SWQ180-10-11	859	183	407.5	315	250	160	157.5	175	200	280	320	8*18
50SWQ20-55-15	844	192.5	345.5	315	188	140.7	142.8	145.8	50	110	140	4*14
65SWQ40-50-15	844	192.5	345.5	315	188	140.7	142.8	145.8	65	130	160	4*14

Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
80SWQ70-35-15	872	203	386.5	315	229	157.5	157.4	159.1	80	150	190	4*18
100SWQ90-30-15	872	203.5	377.4	315	220	157.5	157.4	170.4	100	170	210	4*18
150SWQ120-20-15	872	205.5	392.5	315	235	157.5	157.5	170	150	225	265	8*18
200SWQ220-10-15	859	183	407.5	315	250	160	157.5	175	200	280	320	8*18
50SWQ20-70-18.5	907.4	145.4	353	279.6	200	154.3	146.5	160.3	50	110	140	4*14
65SWQ40-60-18.5	907.4	145.4	353	279.6	200	154.3	146.5	160.3	65	130	160	4*14
80SWQ70-40-18.5	912.4	145.4	381	279.6	220	159.7	147.7	170.7	80	150	190	4*18
100SWQ90-35-18.5	912.4	145.4	381	279.6	220	159.7	147.7	170.7	100	170	210	4*18
150SWQ180-18-18.5	944.4	165.4	406	279.6	235	171.4	141.4	196.4	150	225	265	8*18
200SWQ250-15-18.5	949.4	166.4	405	279.6	250	159.9	145	185.3	200	280	320	8*18
50SWQ20-75-22	907.4	145.4	353	279.6	200	154.3	146.5	160.3	50	110	140	4*14
65SWQ40-70-22	907.4	145.4	353	279.6	200	154.3	146.5	160.3	65	130	160	4*14
80SWQ70-50-22	912.4	145.4	381	279.6	220	159.7	147.7	170.7	80	150	190	4*18
100SWQ100-40-22	912.4	145.4	381	279.6	220	159.7	147.7	170.7	100	170	210	4*18
150SWQ180-21-22	944.4	165.4	406	279.6	235	171.4	141.4	196.4	150	225	265	8*18
200SWQ300-15-22	949.4	166.4	405	279.6	250	159.9	145	185.3	200	280	320	8*18
100SWQ100-20-11/4	919	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150SWQ180-11-11/4	965.9	241	557	405	337	220	202.5	235	150	225	265	8*18
200SWQ250-9-11/4	962	237	570	405	350	220	202.5	235	200	280	320	8*18
100SWQ100-25-15/4	959	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150SWQ180-15-15/4	1006	241	557	405	337	220	202.5	235	150	225	265	8*18
200SWQ250-11-15/4	1002	237	570	405	350	220	202.5	235	200	280	320	8*18
100SWQ100-30-18.5/4	993	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150SWQ180-18-18.5/4	1037	241	557	405	337	220	202.5	235	150	225	265	8*18
200SWQ250-15-18.5/4	1033	237	570	405	350	220	202.5	235	200	280	320	8*18
250SWQ500-7-18.5/4	1050	231	571	405	330	237.5	205.4	267.5	250	335	375	12*18
100SWQ100-35-22/4	993	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150SWQ200-20-22/4	1037	241	557	405	337	220	202.5	235	150	225	265	8*18
200SWQ300-16-22/4	1033	237	570	405	350	220	202.5	235	200	280	320	8*18
250SWQ500-9-22/4	1050	231	571	405	330	237.5	205.4	267.4	250	335	375	12*18
100SWQ100-45-30/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18

Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
150SWQ180-30-30/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200SWQ250-22-30/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250SWQ600-9-30/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18
300SWQ800-7-30/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
100SWQ100-50-37/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18
150SWQ200-35-37/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200SWQ300-25-37/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250SWQ600-12-37/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18
300SWQ800-9-37/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
350SWQ1000-6-37/4	1412.3	347	745.4	570.8	460	310	285.4	351.1	350	460	500	16*22
100SWQ100-55-45/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18
150SWQ200-40-45/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200SWQ350-28-45/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250SWQ600-15-45/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18
300SWQ800-12-45/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
350SWQ1000-8-45/4	1412.3	347	745.4	570.8	460	310	285.4	351.1	350	460	500	16*22
150SWQ200-65-90/4	1694.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200SWQ300-50-90/4	1694.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250SWQ600-30-90/4	1736.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300SWQ800-25-90/4	1736.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350SWQ1000-18-90/4	1781.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22
150SWQ200-70-110/4	1694.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200SWQ400-55-110/4	1694.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250SWQ600-38-110/4	1736.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300SWQ800-30-110/4	1736.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350SWQ1000-22-110/4	1781.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22
150SWQ200-75-132/4	1739.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200SWQ400-60-132/4	1739.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250SWQ600-48-132/4	1781.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300SWQ800-35-132/4	1781.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350SWQ1000-28-132/4	1826.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22



Agitator

Application

- Suitable for buildings, hospitals, residential areas, municipal engineering, road and construction, industrial wastewater, aquaculture, pharmaceuticals, beverages, seawater and saltwater, solid particles, long fiber wastewater, and sewage contained in normal corrosive media.

Application Conditions

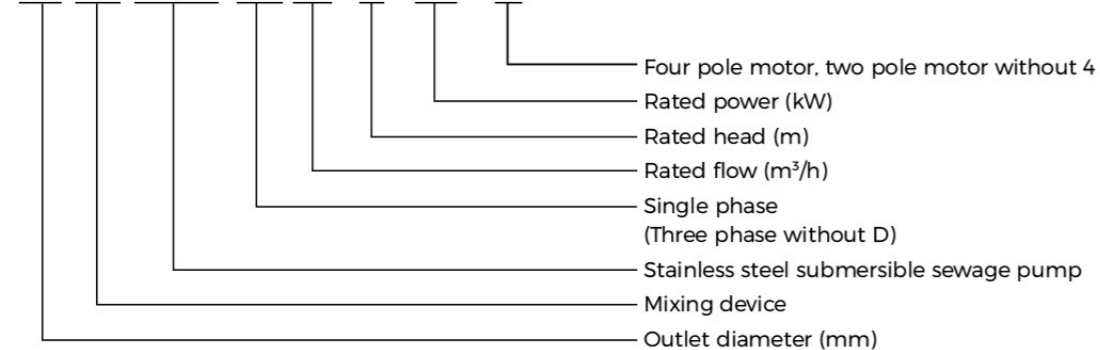
- Liquid temperature: $\leq 40^{\circ}\text{C}$ standard, $\leq 90^{\circ}\text{C}$ for high-temperature resistant version.
- Medium density: $< 1200\text{kg/m}^3$.
- During operation, the minimum liquid level shall not be lower than 2/3 of the motor.
- The pH values of 304 (4-10), 316 (4-13), and 316L (3-13) are for reference only.

Product Features

- The JYSWQ series adopts stainless steel precision casting shell, which has the characteristics of no pollution and good corrosion resistance.
- The impeller adopts a dual channel design with strong passability, good balance of symmetrical channels, smooth operation, low vibration, and extended service life.
- Professional motor for submersible pump, IP68 protection level, F-class insulation, good cooling effect, low temperature rise, long service life of the motor, equipped with overcurrent protector to prevent motor overload and heating.
- Adopting fluororubber double end mechanical seals, with skeleton oil seals for motors below 7.5kW, and 2-3 series mechanical seals for motor shaft seals of 11 kW and above, forming multiple reliable sealings in the oil chamber and motor cavity.
- Can be equipped with mixing device, anti-corrosion cable, PTFE mechanical seal, high-temperature liquid and other parts configuration.

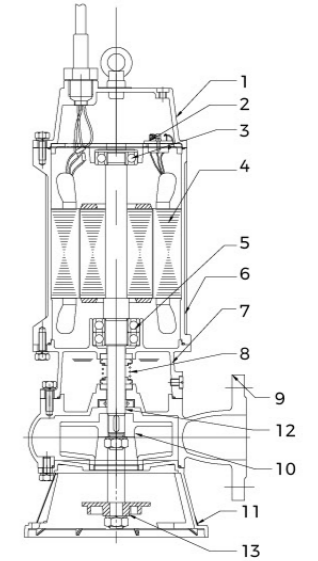
Identification Codes

50 JY SWQ (D) 15 - 7 - 1.1 / 4

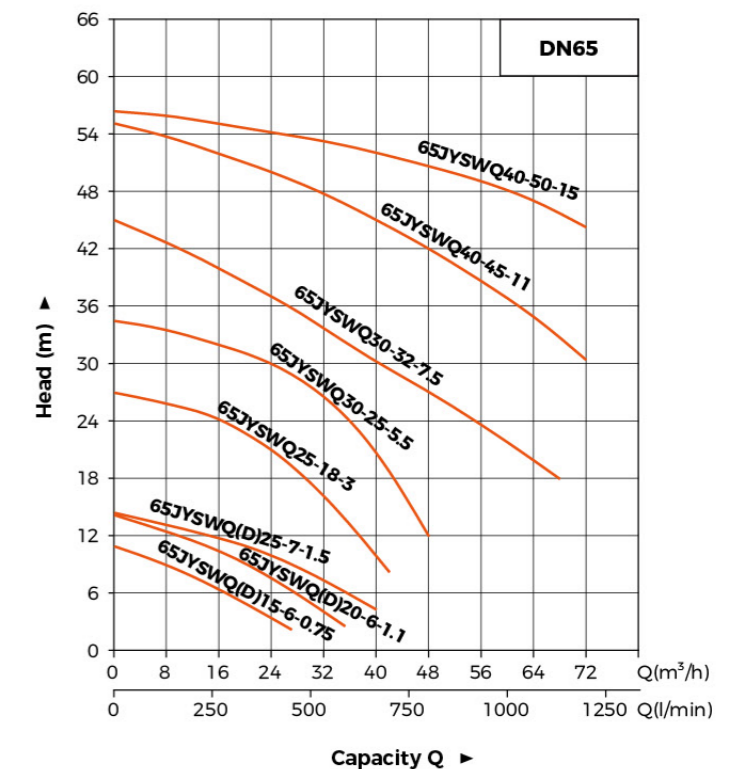
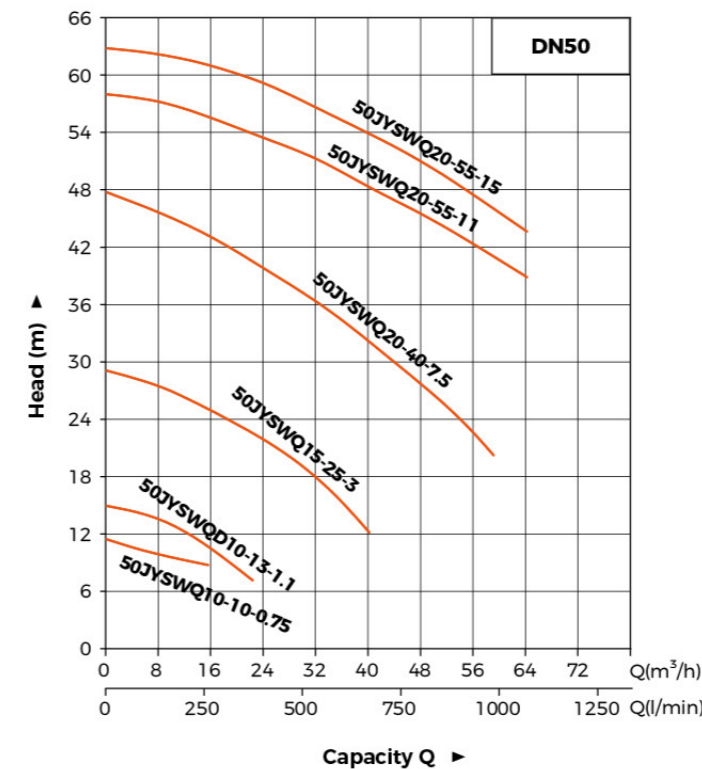


Material Table

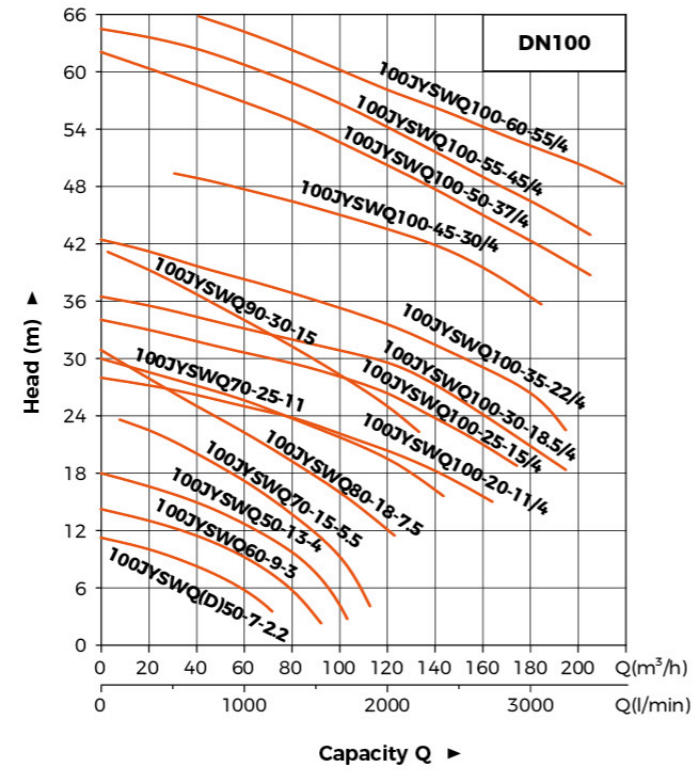
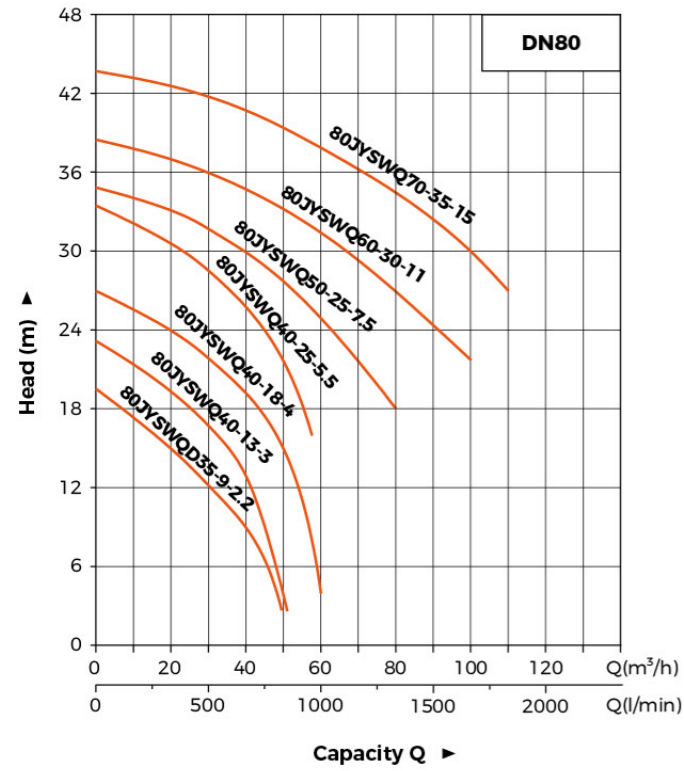
No.	Part	Material
1	Pump cover	Stainless steel
2	Thermal protector	$\leq 7.5\text{kW}$ is standard, $> 7.5\text{kW}$ is optional
3	Bearing	
4	Motor	
5	Bearing	
6	Motor base	Stainless steel
7	Oil chamber	Stainless steel
8	Mechanical seal	Sic-Sic
9	Pump body	Stainless steel
10	Impeller	Stainless steel
11	Pump base	Stainless steel
12	Shaft	Stainless steel+45 #
13	Agitator	Stainless steel



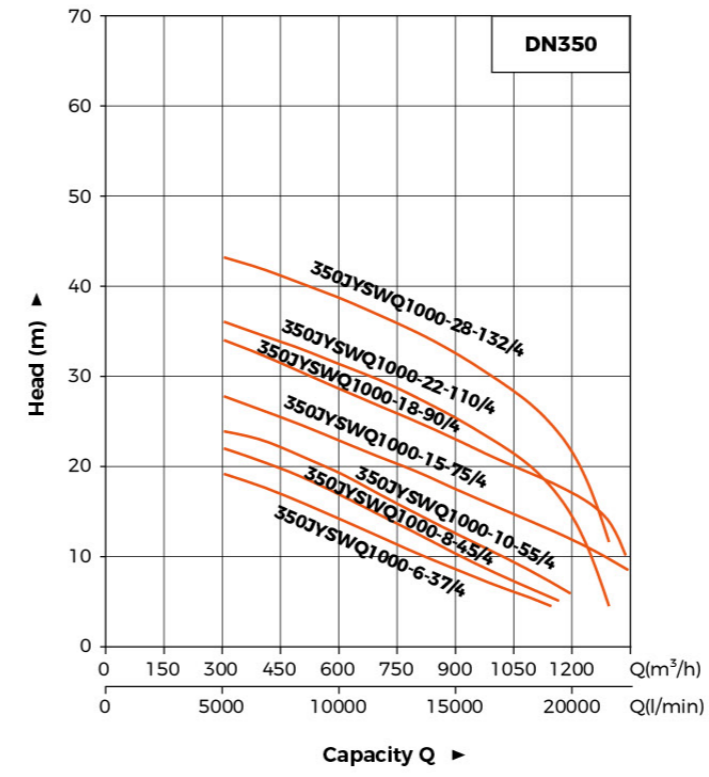
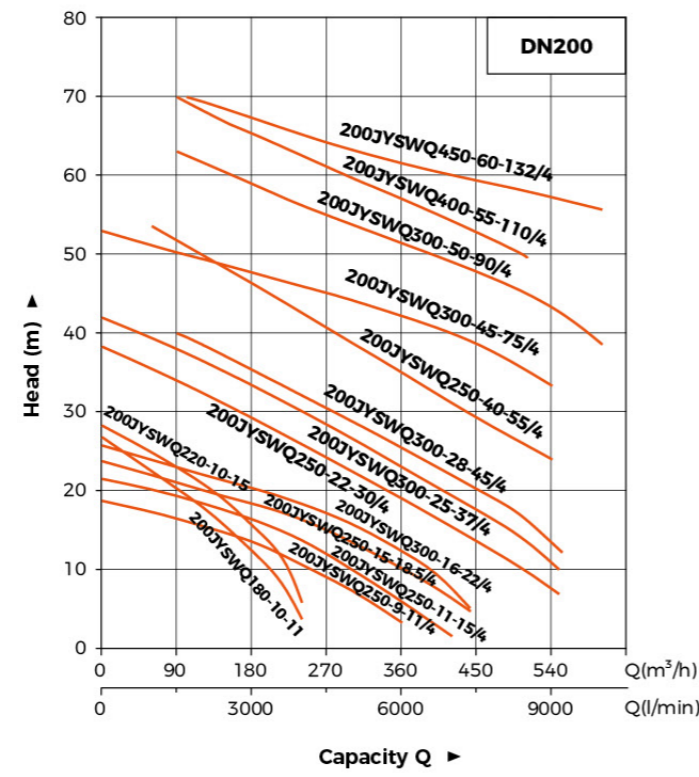
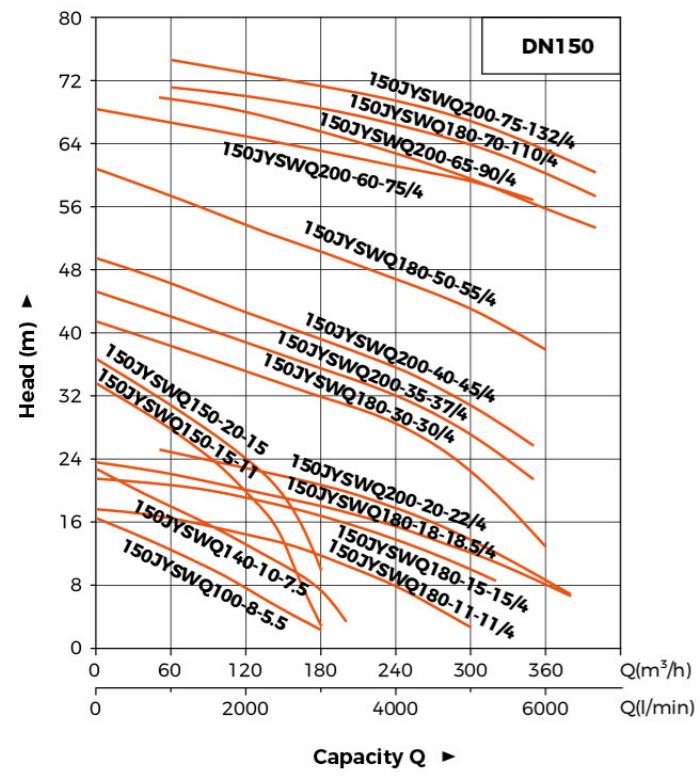
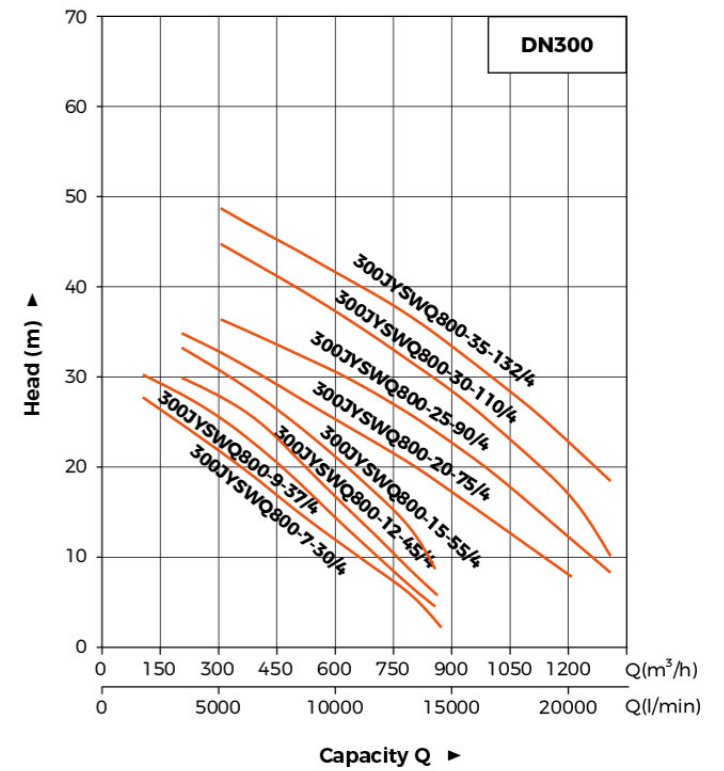
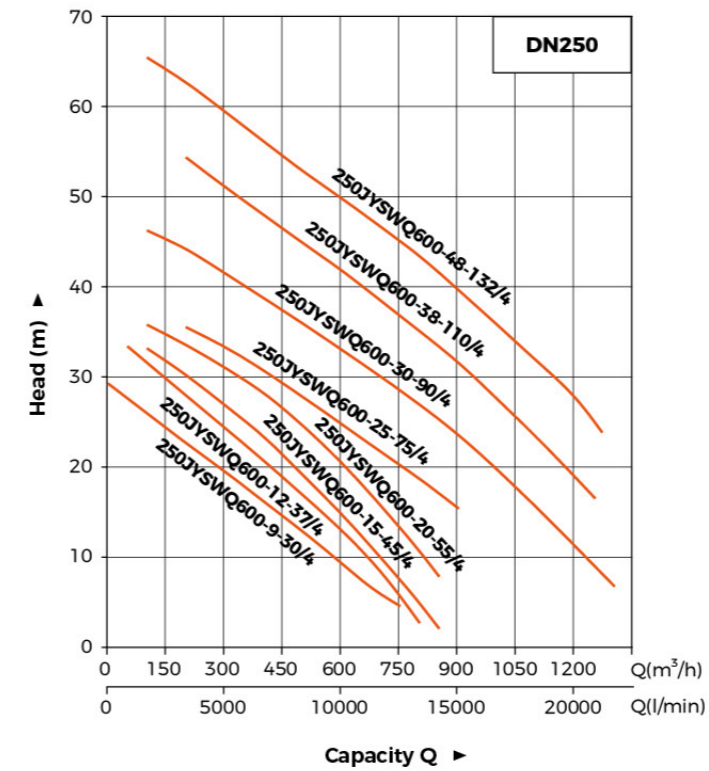
Hydraulic Performance Curves



Hydraulic Performance Curves



Hydraulic Performance Curves



Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
50JYSWQD10-8-0.75	10	8	0.75	220	50	2850
65JYSWQD15-6-0.75	15	6	0.75	220	65	2850
50JYSWQD10-13-1.1	10	13	1.1	220	50	2850
65JYSWQD20-6-1.1	20	6	1.1	220	65	2850
50JYSWQ10-10-0.75	10	10	0.75	380	50	2850
65JYSWQ15-6-0.75	15	6	0.75	380	65	2850
50JYSWQ10-13-1.1	10	13	1.1	380	50	2850
65JYSWQ20-6-1.1	20	6	1.1	380	65	2850
50JYSWQD15-13-1.5	15	13	1.5	220	50	2850
65JYSWQD25-7-1.5	25	7	1.5	220	65	2850
50JYSWQ15-13-1.5	15	13	1.5	380	50	2850
65JYSWQ25-7-1.5	25	7	1.5	380	65	2850
50JYSWQD15-18-2.2	15	18	2.2	220	50	2850
65JYSWQD25-13-2.2	25	13	2.2	220	65	2850
80JYSWQD35-9-2.2	35	9	2.2	220	80	2850
100JYSWQD50-7-2.2	50	7	2.2	220	100	2850
50JYSWQ15-18-2.2	15	18	2.2	380	50	2850
65JYSWQ25-13-2.2	25	13	2.2	380	65	2850
80JYSWQ35-9-2.2	35	9	2.2	380	80	2850
100JYSWQ50-7-2.2	50	7	2.2	380	100	2850
50JYSWQ15-25-3	15	25	3	380	50	2850
65JYSWQ25-18-3	25	20	3	380	65	2850
80JYSWQ40-13-3	40	13	3	380	80	2850
100JYSWQ60-9-3	60	9	3	380	100	2850
50JYSWQ15-30-4	15	30	4	380	50	2900
65JYSWQ25-23-4	25	23	4	380	65	2900
80JYSWQ40-18-4	40	18	4	380	80	2900
100JYSWQ50-13-4	50	13	4	380	100	2900
50JYSWQ15-38-5.5	15	38	5.5	380	50	2900
65JYSWQ30-25-5.5	30	25	5.5	380	65	2900

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
80JYSWQ40-25-5.5	40	25	5.5	380	80	2900
100JYSWQ70-15-5.5	70	15	5.5	380	100	2900
150JYSWQ100-8-5.5	100	8	5.5	380	150	2900
50JYSWQ20-40-7.5	20	40	7.5	380	50	2900
65JYSWQ30-32-7.5	30	32	7.5	380	65	2900
80JYSWQ50-25-7.5	50	25	7.5	380	80	2900
100JYSWQ80-18-7.5	80	18	7.5	380	100	2900
150JYSWQ140-10-7.5	140	10	7.5	380	150	2900
50JYSWQ20-50-11	20	50	11	380	50	2900
65JYSWQ40-45-11	40	45	11	380	65	2900
80JYSWQ60-30-11	60	30	11	380	80	2900
100JYSWQ70-25-11	70	25	11	380	100	2900
150JYSWQ150-15-11	150	15	11	380	150	2900
200JYSWQ180-10-11	180	10	11	380	200	2900
50JYSWQ20-55-15	20	55	15	380	50	2900
65JYSWQ40-50-15	40	50	15	380	65	2900
80JYSWQ70-35-15	70	35	15	380	80	2900
100JYSWQ90-30-15	90	30	15	380	100	2900
150JYSWQ120-20-15	120	20	15	380	150	2900
200JYSWQ220-10-15	220	10	15	380	200	2900
50JYSWQ20-70-18.5	20	70	18.5	380	50	2900
65JYSWQ40-60-18.5	40	60	18.5	380	65	2900
80JYSWQ70-40-18.5	70	40	18.5	380	80	2900
100JYSWQ90-35-18.5	90	35	18.5	380	100	2900
150JYSWQ180-18-18.5	180	18	18.5	380	150	2900
200JYSWQ250-15-18.5	250	15	18.5	380	200	2900
50JYSWQ20-75-22	20	75	22	380	50	2900
65JYSWQ40-70-22	40	70	22	380	65	2900
80JYSWQ70-50-22	70	50	22	380	80	2900
100JYSWQ100-40-22	100	40	22	380	100	2900
150JYSWQ180-21-22	180	21	22	380	150	2900

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
200JYSWQ300-15-22	300	15	22	380	200	2900
100JYSWQ100-20-11/4	100	20	11	380	100	1450
150JYSWQ180-11-11/4	180	11	11	380	150	1450
200JYSWQ250-9-11/4	250	9	11	380	200	1450
250JYSWQ500-3-11/4	500	3	11	380	250	1450
100JYSWQ100-25-15/4	100	25	15	380	100	1450
150JYSWQ180-15-15/4	180	15	15	380	150	1450
200JYSWQ250-11-15/4	250	11	15	380	200	1450
250JYSWQ500-5-15 /4	500	5	15	380	250	1450
100JYSWQ100-30-18.5/4	100	30	18.5	380	100	1450
150JYSWQ180-18-18.5/4	180	18	18.5	380	150	1450
200JYSWQ250-15-18.5/4	250	15	18.5	380	200	1450
250JYSWQ500-7-18.5/4	500	7	18.5	380	250	1450
100JYSWQ100-35-22/4	100	35	22	380	100	1450
150JYSWQ200-20-22/4	200	20	22	380	150	1450
200JYSWQ300-16-22/4	300	16	22	380	200	1450
250JYSWQ500-9-22/4	500	9	22	380	250	1450
100JYSWQ100-45-30/4	100	45	30	380	100	1450
150JYSWQ180-30-30/4	180	30	30	380	150	1450
200JYSWQ250-22-30/4	250	22	30	380	200	1450
250JYSWQ600-9-30/4	600	9	30	380	250	1450
300JYSWQ800-7-30/4	800	7	30	380	300	1450
350JYSWQ1000-6-30/6	1000	6	30	380	350	980
100JYSWQ100-50-37/4	120	50	37	380	100	1450
150JYSWQ200-35-37/4	200	35	37	380	150	1450
200JYSWQ300-25-37/4	300	25	37	380	200	1450
250JYSWQ600-12-37/4	600	12	37	380	250	1450
300JYSWQ800-9-37/4	800	9	37	380	300	1450
350JYSWQ1000-6-37/4	1000	6	37	380	350	1450
350JYSWQ1200-6-37/6	1200	6	37	380	350	980
100JYSWQ100-55-45/4	100	55	45	380	100	1450

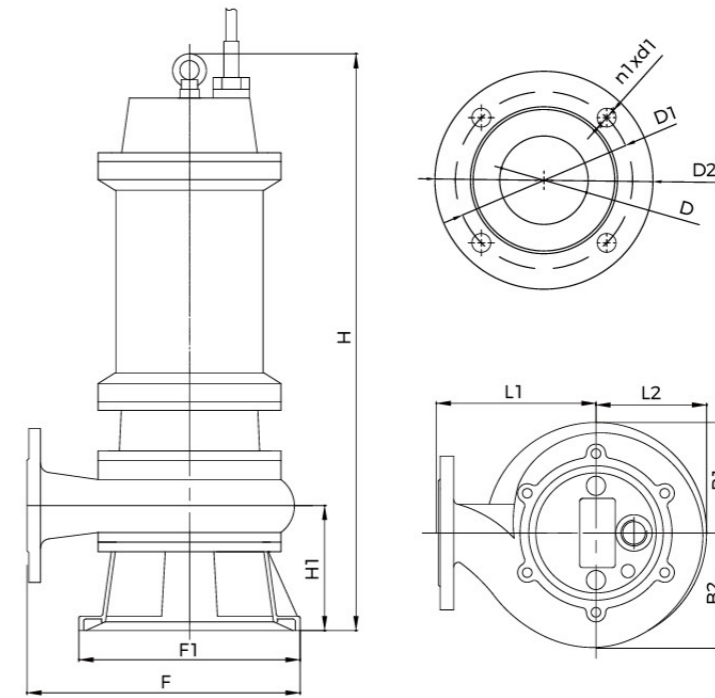
Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
150JYSWQ200-40-45/4	200	40	45	380	150	1450
200JYSWQ350-28-45/4	350	28	45	380	200	1450
250JYSWQ600-15-45/4	600	15	45	380	250	1450
300JYSWQ800-12-45/4	800	12	45	380	300	1450
350JYSWQ1000-8-45/4	1000	8	45	380	350	1450
350JYSWQ1200-8-45/6	1300	8	45	380	350	980
100JYSWQ100-60-55/4	100	60	55	380	100	1450
150JYSWQ180-50-55/4	180	50	55	380	150	1450
200JYSWQ250-40-55/4	250	40	55	380	200	1450
250JYSWQ600-20-55/4	600	20	55	380	250	1450
300JYSWQ800-15-55/4	800	15	55	380	300	1450
350JYSWQ1000-10-55/4	1000	10	55	380	350	1450
150JYSWQ200-60-75/4	200	60	75	380	150	1450
200JYSWQ300-45-75/4	300	45	75	380	200	1450
250JYSWQ600-25-75/4	600	25	75	380	250	1450
300JYSWQ800-20-75/4	800	20	75	380	300	1450
350JYSWQ1000-15-75/4	1000	15	75	380	350	1450
400JYSWQ1300-13-75/4	1300	13	75	380	400	1450
400SWQ1600-10-75/6	1600	10	75	380	400	980
150JYSWQ200-65-90/4	200	65	90	380	150	1450
200JYSWQ300-50-90/4	300	50	90	380	200	1450
250JYSWQ600-30-90/4	600	30	90	380	250	1450
300JYSWQ800-25-90/4	800	25	90	380	300	1450
350JYSWQ1000-18-90/4	1000	18	90	380	350	1450
400JYSWQ1300-16-90/4	1300	16	90	380	400	1450
150JYSWQ200-70-110/4	200	70	110	380	150	1450
200JYSWQ400-55-110/4	400	55	110	380	200	1450
250JYSWQ600-38-110/4	600	38	110	380	250	1450
300JYSWQ800-30-110/4	800	30	110	380	300	1450
350JYSWQ1000-22-110/4	1000	22	110	380	350	1450
400JYSWQ1600-15-110/4	1600	15	110	380	400	1450

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
150JYSWQ200-75-132/4	200	75	132	380	150	1450
200JYSWQ400-60-132/4	400	60	132	380	200	1450
250JYSWQ600-48-132/4	600	48	132	380	250	1450
300JYSWQ800-35-132/4	800	35	132	380	300	1450
350JYSWQ1000-28-132/4	1000	28	132	380	350	1450
400JYSWQ1600-18-132/4	1600	18	132	380	400	1450
250JYSWQ600-60-160/4	600	60	160	380	250	1450
300JYSWQ800-40-160/4	800	40	160	380	300	1450
350JYSWQ1000-35-160/4	1000	35	160	380	350	1450
400JYSWQ1600-20-160/4	1600	20	160	380	400	1450
500JYSWQ2000-16-160/4	2000	16	160	380	500	1450
250JYSWQ600-70-185/4	600	70	185	380	250	1450
300JYSWQ900-40-185/4	900	40	185	380	300	1450
350JYSWQ1100-38-185/4	1100	38	185	380	350	1450
400JYSWQ1600-25-185/4	1600	25	185	380	400	1450
500JYSWQ2200-15-185/4	2200	15	185	380	500	1450
250JYSWQ750-75-200/4	750	75	200	380	250	1450
300JYSWQ1000-45-200/4	1000	45	200	380	300	1450
350JYSWQ1300-35-200/4	1300	35	200	380	350	1450
400JYSWQ1600-27-200/4	1600	27	200	380	400	1450
500JYSWQ2500-15-200/4	2500	15	200	380	500	1450
300JYSWQ1200-45-250/4	1200	45	250	380	300	1450
350JYSWQ1500-36-250/4	1500	36	250	380	350	1450
400JYSWQ1600-30-250/4	1600	30	250	380	400	1450
500JYSWQ2800-15-250/4	2800	15	250	380	500	1450

Dimension



Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
50JYSWQD10-8-0.75	499	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65JYSWQD15-6-0.75	499	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50JYSWQD10-13-1.1	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65JYSWQD20-6-1.1	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50JYSWQ10-10-0.75	499	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65JYSWQ15-6-0.75	499	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50JYSWQ10-13-1.1	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65JYSWQ20-6-1.1	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50JYSWQD15-13-1.5	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65JYSWQD25-7-1.5	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50JYSWQ15-13-1.5	524	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65JYSWQ25-7-1.5	524	104	242.5	195	145	97.5	97.4	98	65	130	160	4*14
50JYSWQD15-18-2.2	547.7	111.2	247.5	205	142.8	102.5	102.5	102.8	50	110	140	4*14
65JYSWQD25-13-2.2	547.7	111.2	247.5	205	145	102.5	102.5	104	65	130	160	4*14
80JYSWQD35-9-2.2	547.7	111.2	247.5	205	151	112.5	102.5	116	80	150	190	4*18
100JYSWQD50-7-2.2	590.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50JYSWQ15-18-2.2	522.7	111.2	247.5	205	142.8	102.5	102.5	102.8	50	110	140	4*14
65JYSWQ25-13-2.2	522.7	111.2	247.5	205	145	102.5	102.5	104	65	130	160	4*14

Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
80JYSWQ35-9-2.2	522.7	111.2	247.5	205	151	112.5	102.5	116	80	150	190	4*18
100JYSWQ50-7-2.2	590.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50JYSWQ15-25-3	600	130	275	230	160	115	115	116	50	110	140	4*14
65JYSWQ25-18-3	600	130	284	230	166	115	115	120	65	130	160	4*14
80JYSWQ40-13-3	600	130	284	230	166	115	115	120	80	150	190	4*18
100JYSWQ60-9-3	620.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50JYSWQ15-30-4	625.5	137.5	285	239.9	165	118	120	122.8	50	110	140	4*14
65JYSWQ25-23-4	620	130	284	230	166	115	115	120	65	130	160	4*14
80JYSWQ40-18-4	620	130	284	230	166	115	115	120	80	150	190	4*18
100JYSWQ50-13-4	640.5	138.5	285	230	170	115	115	119.1	100	170	210	4*18
50JYSWQ15-38-5.5	693.5	137.5	285	240	165	119.9	120	122.8	50	110	140	4*14
65JYSWQ30-25-5.5	710	150	323	240	196	127	121	136	65	130	160	4*14
80JYSWQ40-25-5.5	710	150	319	240	192	127	121	135.9	80	150	190	4*18
100JYSWQ70-15-5.5	719.5	154.5	330.8	239.9	202	129	120	143	100	170	210	4*18
150JYSWQ100-8-5.5	738	157	371.4	285.9	220	148	143	163	150	225	265	8*18
50JYSWQ20-40-7.5	683	125	295	258	165	129.2	129	134.2	50	110	140	4*14
65JYSWQ30-32-7.5	683	125	305	258	175	129.2	129	134.2	65	130	160	4*14
80JYSWQ50-25-7.5	710	150	319	240	192	127	121	135.9	80	150	190	4*18
100JYSWQ80-18-7.5	719.5	154.5	330.8	239.9	202	129	120	143	100	170	210	4*18
150JYSWQ140-10-7.5	738	157	371.4	285.9	220	148	143	163	150	225	265	8*18
50JYSWQ20-50-11	844	192.5	345.5	315	188	140.7	142.8	145.8	50	110	140	4*14
65JYSWQ40-45-11	844	192.5	345.5	315	188	140.7	142.8	145.8	65	130	160	4*14
80JYSWQ60-30-11	872	203	386.5	315	229	157.5	157.4	159.1	80	150	190	4*18
100JYSWQ70-25-11	872	203.5	377.4	315	220	157.5	157.4	170.4	100	170	210	4*18
150JYSWQ150-15-11	872	205.5	392.5	315	235	157.5	157.5	170	150	225	265	8*18
200JYSWQ180-10-11	859	183	407.5	315	250	160	157.5	175	200	280	320	8*18
50JYSWQ20-55-15	844	192.5	345.5	315	188	140.7	142.8	145.8	50	110	140	4*14
65JYSWQ40-50-15	844	192.5	345.5	315	188	140.7	142.8	145.8	65	130	160	4*14
80JYSWQ70-35-15	872	203	386.5	315	229	157.5	157.4	159.1	80	150	190	4*18
100JYSWQ90-30-15	872	203.5	377.4	315	220	157.5	157.4	170.4	100	170	210	4*18
150JYSWQ120-20-15	872	205.5	392.5	315	235	157.5	157.5	170	150	225	265	8*18
200JYSWQ220-10-15	859	183	407.5	315	250	160	157.5	175	200	280	320	8*18
50JYSWQ20-70-18.5	907.4	145.4	353	279.6	200	154.3	146.5	160.3	50	110	140	4*14

Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
65JYSWQ40-60-18.5	907.4	145.4	353	279.6	200	154.3	146.5	160.3	65	130	160	4*14
80JYSWQ70-40-18.5	912.4	145.4	381	279.6	220	159.7	147.7	170.7	80	150	190	4*18
100JYSWQ90-35-18.5	912.4	145.4	381	279.6	220	159.7	147.7	170.7	100	170	210	4*18
150JYSWQ180-18-18.5	944.4	165.4	406	279.6	235	171.4	141.4	196.4	150	225	265	8*18
200JYSWQ250-15-18.5	949.4	166.4	405	279.6	250	159.9	145	185.3	200	280	320	8*18
50JYSWQ20-75-22	907.4	145.4	353	279.6	200	154.3	146.5	160.3	50	110	140	4*14
65JYSWQ40-70-22	907.4	145.4	353	279.6	200	154.3	146.5	160.3	65	130	160	4*14
80JYSWQ70-50-22	912.4	145.4	381	279.6	220	159.7	147.7	170.7	80	150	190	4*18
100JYSWQ100-40-22	912.4	145.4	381	279.6	220	159.7	147.7	170.7	100	170	210	4*18
150JYSWQ180-21-22	944.4	165.4	406	279.6	235	171.4	141.4	196.4	150	225	265	8*18
200JYSWQ300-15-22	949.4	166.4	405	279.6	250	159.9	145	185.3	200	280	320	8*18
100JYSWQ100-20-11/4	919	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150JYSWQ180-11-11/4	965.9	241	557	405	337	220	202.5	235	150	225	265	8*18
200JYSWQ250-9-11/4	962	237	570	405	350	220	202.5	235	200	280	320	8*18
100JYSWQ100-25-15/4	959	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150JYSWQ180-15-15/4	1006	241	557	405	337	220	202.5	235	150	225	265	8*18
200JYSWQ250-11-15/4	1002	237	570	405	350	220	202.5	235	200	280	320	8*18
100JYSWQ100-30-18.5/4	993	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150JYSWQ180-18-18.5/4	1037	241	557	405	337	220	202.5	235	150	225	265	8*18
200JYSWQ250-15-18.5	1033	237	570	405	350	220	202.5	235	200	280	320	8*18
250JYSWQ500-7-18.5/4	1050	231	571	405	330	237.5	205.4	267.5	250	335	375	12*18
100JYSWQ100-35-22/4	993	204	543	405	300	215.1	208.1	222.1	100	170	210	4*18
150JYSWQ200-20-22/4	1037	241	557	405	337	220	202.5	235	150	225	265	8*18
200JYSWQ300-16-22/4	1033	237	570	405	350	220	202.5	235	200	280	320	8*18
250JYSWQ500-9-22/4	1050	231	571	405	330	237.5	205.4	267.4	250	335	375	12*18
100JYSWQ100-45-30/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18
150JYSWQ180-30-30/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200JYSWQ250-22-30/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250JYSWQ600-9-30/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18
300JYSWQ800-7-30/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
100JYSWQ100-50-37/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18
150JYSWQ200-35-37/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200JYSWQ300-25-37/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250JYSWQ600-12-37/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18

Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
300JYSWQ800-9-37/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
350JYSWQ1000-6-37/4	1412.3	347	745.4	570.8	460	310	285.4	351.1	350	460	500	16*22
100JYSWQ100-55-45/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18
150JYSWQ200-40-45/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200JYSWQ350-28-45/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250JYSWQ600-15-45/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18
300JYSWQ800-12-45/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
350JYSWQ1000-8-45/4	1412.3	347	745.4	570.8	460	310	285.4	351.1	350	460	500	16*22
100JYSWQ100-60-55/4	1281.2	264	645.4	570.8	379.8	285.4	285.4	285.4	100	170	210	4*18
150JYSWQ180-50-55/4	1318.2	276	645	570.8	360	285.4	285.4	285.4	150	225	265	8*18
200JYSWQ250-40-55/4	1334.2	302	665.4	570.8	380	285.4	285.4	285.4	200	280	320	8*18
250JYSWQ600-20-55/4	1339.2	306	685.4	570.8	400	285.4	285.4	307.8	250	335	375	12*18
300JYSWQ800-15-55/4	1339.2	306	685.4	570.8	402	285.4	285.4	307.8	300	400	445	12*22
350JYSWQ1000-10-55/4	1412.3	347	745.4	570.8	460	310	285.4	351.1	350	460	500	16*22
150JYSWQ200-60-75/4	1594.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200JYSWQ300-45-75/4	1594.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250JYSWQ600-25-75/4	1636.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300JYSWQ800-20-75/4	1636.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350JYSWQ1000-15-75/4	1681.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22
150JYSWQ200-65-90/4	1694.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200JYSWQ300-50-90/4	1694.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250JYSWQ600-30-90/4	1736.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300JYSWQ800-25-90/4	1736.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350JYSWQ1000-18-90/4	1781.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22
150JYSWQ200-70-110/4	1694.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200JYSWQ400-55-110/4	1694.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250JYSWQ600-38-110/4	1736.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300JYSWQ800-30-110/4	1736.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350JYSWQ1000-22-110/4	1781.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22
150JYSWQ200-75-132/4	1739.5	320	741.3	662.6	410.2	330.8	331.3	337.9	150	225	265	8*18
200JYSWQ400-60-132/4	1739.5	320	761.3	662.6	430.2	330.8	331.3	337.9	200	280	320	8*18
250JYSWQ600-48-132/4	1781.5	341.2	789	662.6	450	338.6	331.3	373.7	250	335	375	12*18
300JYSWQ800-35-132/4	1781.5	341.9	800.1	662.6	460.1	338.6	331.3	373.7	300	400	445	12*22
350JYSWQ1000-28-132/4	1826.1	362.2	917	662.6	550	357.6	331.3	394.4	350	460	500	16*22

Application

- This pump has the advantages of novel design, good appearance, high efficiency, and energy saving. The impeller is designed using a semi open rotary cutting method, which is ideal for crushing debris such as plastic bags and cloth strips in general sewage. And it is not easily blocked. Suitable for the discharge of industrial and agricultural wastewater with sediment (such as livestock farms, hotel wastewater, sewage pits, septic tanks, biogas digesters, etc.), and the sewage treatment field of municipal engineering.

Application Conditions

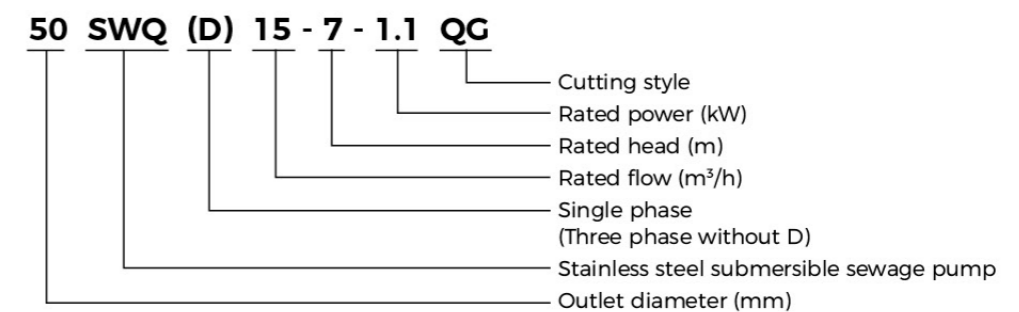
- Liquid temperature: ≤40°C standard, ≤90°C for high-temperature resistant version.
- Medium density: <1200kg/m³.
- During operation, the minimum liquid level shall not be lower than 2/3 of the motor;
- The pH values of 304 (4-10), 316 (4-13) and 316L(3-13) are for reference only;

Product Features

- The SWQ-QG series adopts stainless steel precision casting shell, which has the characteristics of no pollution and good corrosion resistance.
- The impeller adopts a dual channel design with strong passability, good balance of symmetrical channels, smooth operation, low vibration, and extended service life.
- Professional motor for submersible pump, IP68 protection level, F-class insulation, good cooling effect, low temperature rise, long service life of motor, equipped with overcurrent protector (below 7.5kW) to prevent motor overload and heating
- Adopting fluororubber double end mechanical seals, with skeleton oil seals for motors below 7.5kW, and two to three series mechanical seals for motor shaft seals above 11kW, forming multiple reliable sealings in the oil chamber and motor cavity.
- The impeller is designed using a semi open rotary cutting method, and the impeller and cutterhead are made of 3Cr13 and have undergone heat treatment to increase their wear resistance, making them less prone to wear and rust. It can also maintain efficient operation in media containing a large number of particles and fibers.

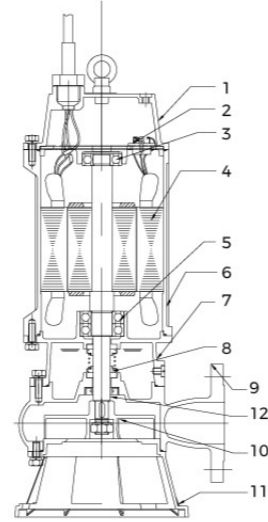


Identification Codes

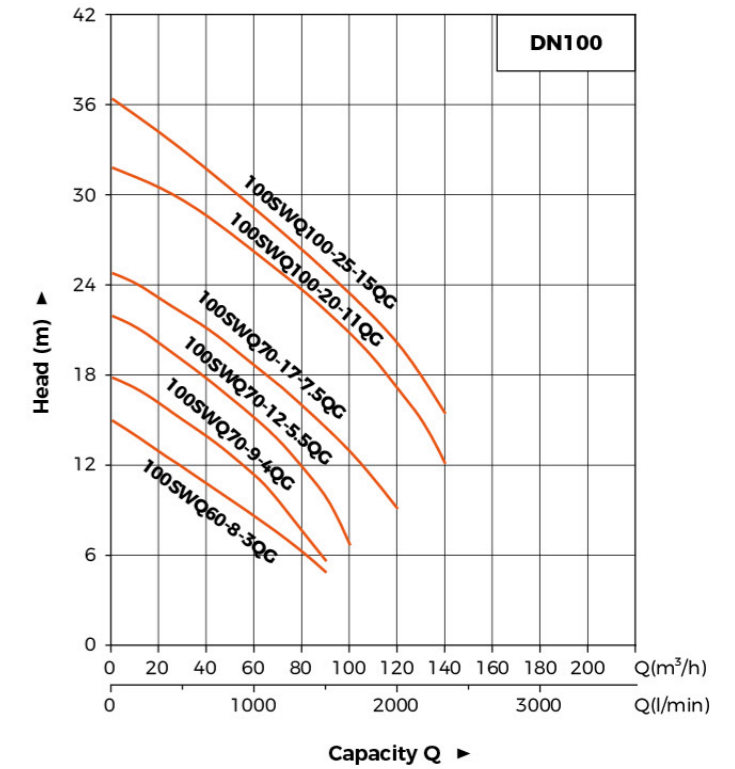
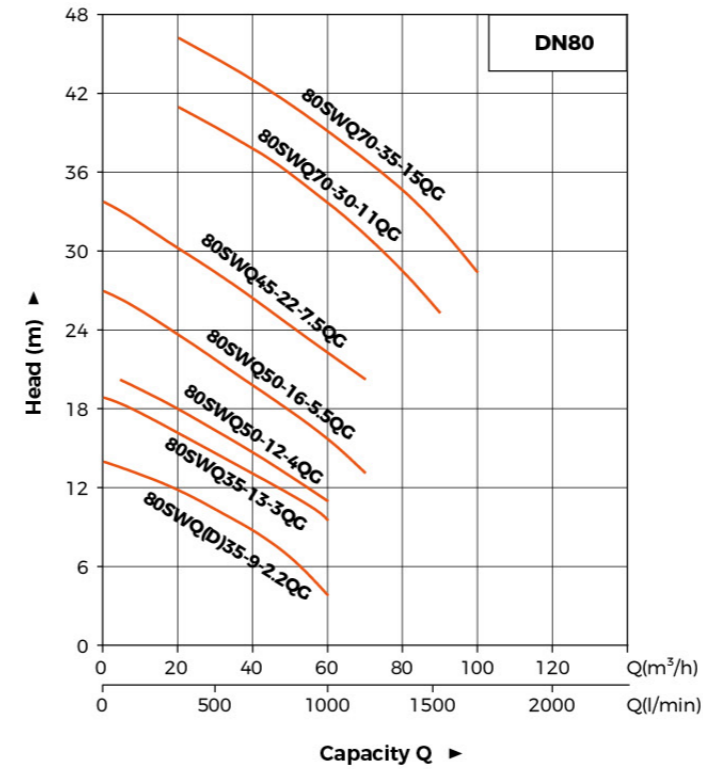


Material Table

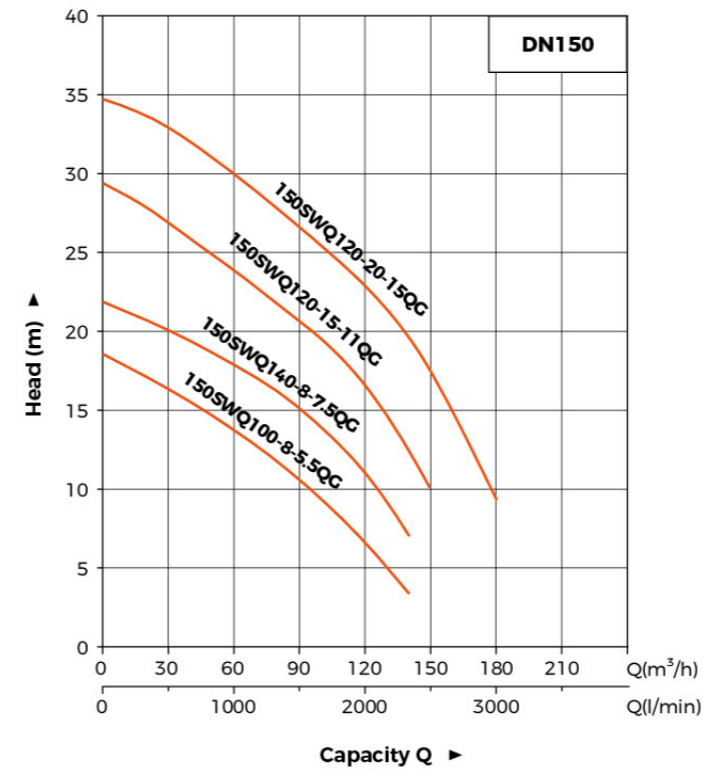
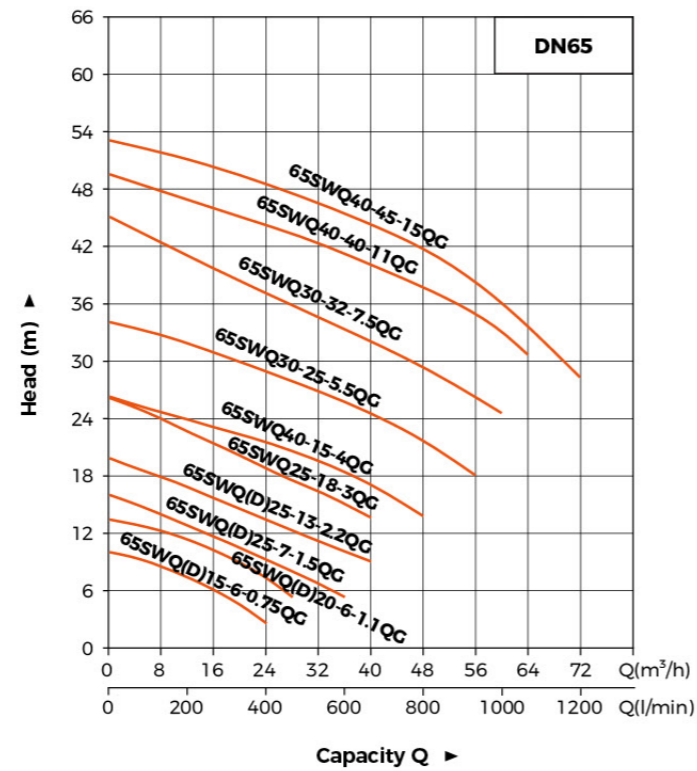
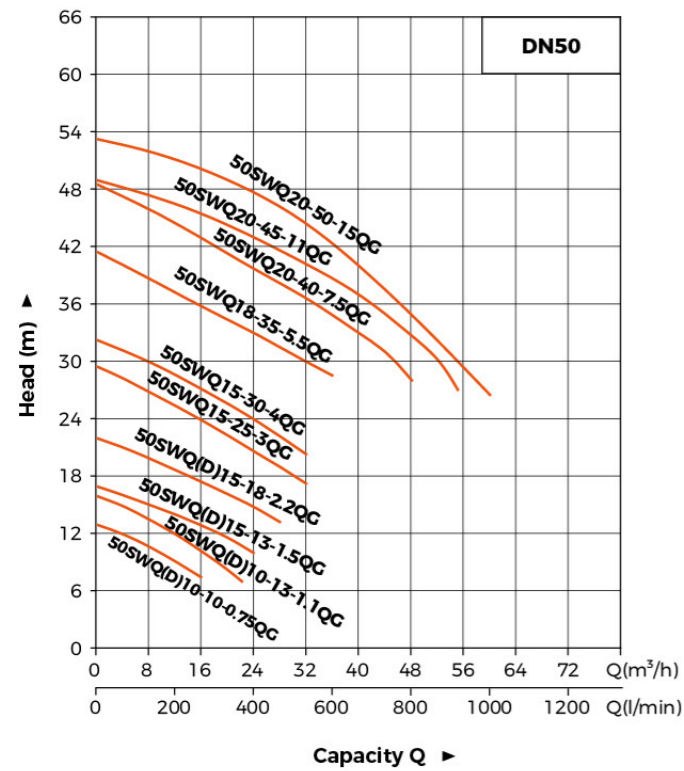
No.	Part	Material
1	Pump cover	Stainless steel
2	Thermal protection	≤7.5kW is standard, >7.5kW is optional
3	Bearing	
4	Motor	
5	Bearing	
6	Motor base	Stainless steel
7	Oil chamber	Stainless steel
8	Mechanical seal	Sic-Sic
9	Pump body	Stainless steel
10	Cutting impeller	Stainless steel
11	Pump base	Stainless steel
12	Shaft	Stainless steel+45 #



Hydraulic Performance Curves



Hydraulic Performance Curves



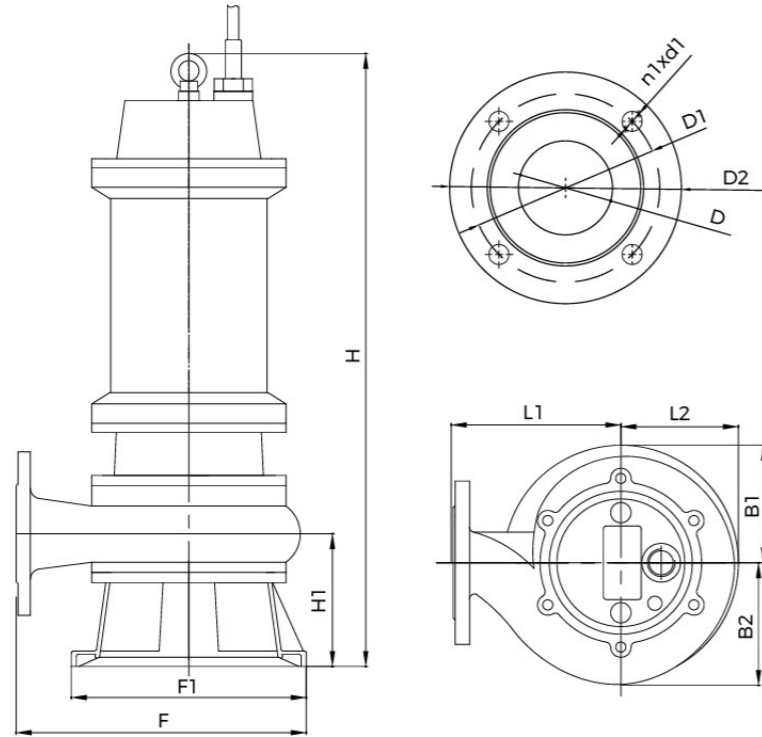
Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
50SWQD10-10-0.75QG	10	10	0.75	220	50	2850
65SWQD15-6-0.75QG	15	6	0.75	220	65	2850
50SWQD10-13-1.1QG	10	13	1.1	220	50	2850
65SWQD20-6-1.1QG	20	6	1.1	220	65	2850
50SWQ10-10-0.75QG	10	10	0.75	380	50	2850
65SWQ15-6-0.75QG	15	6	0.75	380	65	2850
50SWQ10-13-1.1QG	10	13	1.1	380	50	2850
65SWQ20-6-1.1QG	20	6	1.1	380	65	2850
50SWQD15-13-1.5QG	15	13	1.5	220	50	2850
65SWQD25-7-1.5QG	25	7	1.5	220	65	2850
50SWQ15-13-1.5QG	15	13	1.5	380	50	2850
65SWQ25-7-1.5QG	25	7	1.5	380	65	2850
50SWQ15-18-2.2QG	15	18	2.2	380	50	2850
65SWQ25-13-2.2QG	25	13	2.2	380	65	2850
80SWQ35-9-2.2QG	35	9	2.2	380	80	2850
50SWQD15-18-2.2QG	15	18	2.2	220	50	2850
65SWQD25-13-2.2QG	25	13	2.2	220	65	2850
80SWQD35-9-2.2QG	35	9	2.2	220	80	2850
50SWQ15-25-3QG	15	25	3	380	50	2850
65SWQ25-18-3QG	25	18	3	380	65	2850
80SWQ35-13-3QG	35	13	3	380	80	2850
100SWQ60-8-3QG	60	8	3	380	100	2850
50SWQ15-30-4QG	15	32	4	380	50	2900
65SWQ40-15-4QG	40	15	4	380	65	2900
80SWQ50-12-4QG	50	12	4	380	80	2900
100SWQ70-9-4QG	70	9	4	380	100	2900
50SWQ18-35-5.5QG	18	35	5.5	380	50	2900
65SWQ30-25-5.5QG	30	25	5.5	380	65	2900
80SWQ50-16-5.5QG	50	16	5.5	380	80	2900
100SWQ70-12-5.5QG	70	12	5.5	380	100	2900

Technical Data

Model	Rated Flow	Rated Head	Power	Voltage	Outlet Diameter	Speed
	m ³ /h	m	kW	V	mm	r/min
150SWQ100-8-5.5QG	100	8	5.5	380	150	2900
50SWQ20-40-7.5QG	20	40	7.5	380	50	2900
65SWQ30-32-7.5QG	30	32	7.5	380	65	2900
80SWQ45-22-7.5QG	45	22	7.5	380	80	2900
100SWQ70-17-7.5QG	70	17	7.5	380	100	2900
150SWQ140-8-7.5QG	140	8	7.5	380	150	2900
50SWQ20-45-11QG	20	45	11	380	50	2900
65SWQ40-40-11QG	40	40	11	380	65	2900
80SWQ70-30-11QG	70	30	11	380	80	2900
100SWQ100-20-11QG	100	20	11	380	100	2900
150SWQ120-15-11QG	120	15	11	380	150	2900
200SWQ200-8-11QG	200	8	11	380	200	2900
50SWQ20-50-15QG	20	50	15	380	50	2900
65SWQ40-45-15QG	40	45	15	380	65	2900
80SWQ70-35-15QG	70	35	15	380	80	2900
100SWQ100-25-15QG	100	25	15	380	100	2900
150SWQ120-20-15QG	120	20	15	380	150	2900
200SWQ200-10-15QG	200	10	15	380	200	2900
50SWQ20-65-18.5QG	20	65	18.5	380	50	2900
65SWQ40-55-18.5QG	40	55	18.5	380	65	2900
80SWQ70-40-18.5QG	70	40	18.5	380	80	2900
100SWQ100-35-18.5QG	100	35	18.5	380	100	2900
150SWQ180-18-18.5QG	180	18	18.5	380	150	2900
200SWQ220-15-18.5QG	220	15	18.5	380	200	2900
50SWQ20-70-22QG	20	70	22	380	50	2900
65SWQ40-60-22QG	40	60	22	380	65	2900
80SWQ70-45-22QG	70	45	22	380	80	2900
100SWQ100-38-22QG	100	38	22	380	100	2900
150SWQ180-20-22QG	180	20	22	380	150	2900
200SWQ220-18-22QG	220	18	22	380	200	2900

Dimension



Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
50SWQD10-10-0.75QG	499	104	242.5	195	145	97.5	97.4	98	50	110	140	4*14
65SWQD15-6-0.75QG	15	6	0.75	220	65	2850	97.4	98	65	130	160	4*14
50SWQD10-13-1.1QG	10	13	1.1	220	50	2850	97.4	98	50	110	140	4*14
65SWQD20-6-1.1QG	20	6	1.1	220	65	2850	97.4	98	65	130	160	4*14
50SWQ10-10-0.75QG	10	10	0.75	380	50	2850	97.4	98	50	110	140	4*14
65SWQ15-6-0.75QG	15	6	0.75	380	65	2850	97.4	98	65	130	160	4*14
50SWQ10-13-1.1QG	10	13	1.1	380	50	2850	97.4	98	50	110	140	4*14
65SWQ20-6-1.1QG	20	6	1.1	380	65	2850	97.4	98	65	130	160	4*14
50SWQD15-13-1.5QG	15	13	1.5	220	50	2850	97.4	98	50	110	140	4*14
65SWQD25-7-1.5QG	25	7	1.5	220	65	2850	97.4	98	65	130	160	4*14
50SWQ15-13-1.5QG	15	13	1.5	380	50	2850	97.4	98	50	110	140	4*14
65SWQ25-7-1.5QG	25	7	1.5	380	65	2850	97.4	98	65	130	160	4*14
50SWQ15-18-2.2QG	15	18	2.2	380	50	2850	102.5	102.8	50	110	140	4*14
65SWQ25-13-2.2QG	25	13	2.2	380	65	2850	102.5	116	80	150	190	4*18

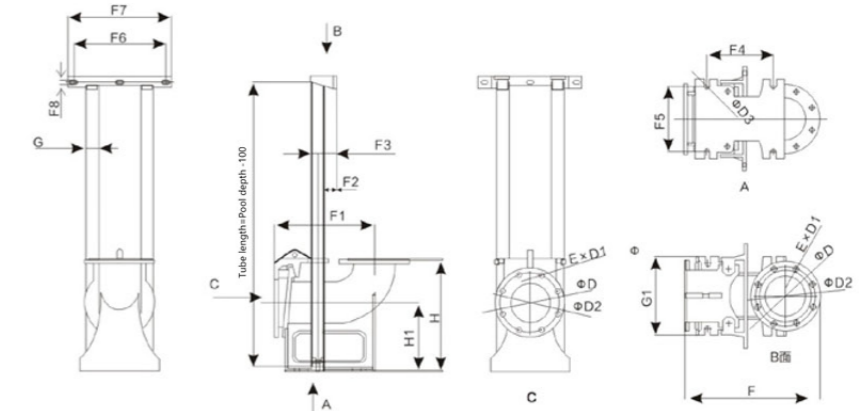
Dimension

Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
80SWQ35-9-2.2QG	35	9	2.2	380	80	2850	102.5	102.8	50	110	140	4*14
50SWQD15-18-2.2QG	15	18	2.2	220	50	2850	102.5	104	65	130	160	4*14
65SWQD25-13-2.2QG	25	13	2.2	220	65	2850	102.5	116	80	150	190	4*18
80SWQ35-9-2.2QG	35	9	2.2	380	80	2850	102.5	102.8	50	110	140	4*14
50SWQD15-18-2.2QG	15	18	2.2	220	50	2850	102.5	104	65	130	160	4*14
65SWQD25-13-2.2QG	25	13	2.2	220	65	2850	102.5	116	80	150	190	4*18
80SWQD35-9-2.2QG	35	9	2.2	220	80	2850	115	116	50	110	140	4*14
50SWQ15-25-3QG	15	25	3	380	50	2850	115	120	65	130	160	4*14
65SWQ25-18-3QG	25	18	3	380	65	2850	115	120	80	150	190	4*18
80SWQ35-13-3QG	35	13	3	380	80	2850	115	119.1	100	170	210	4*18
100SWQ60-8-3QG	60	8	3	380	100	2850	120	122.8	50	110	140	4*14
50SWQ15-30-4QG	15	32	4	380	50	2900	115	120	65	130	160	4*14
65SWQ40-15-4QG	40	15	4	380	65	2900	115	120	80	150	190	4*18
80SWQ50-12-4QG	50	12	4	380	80	2900	115	119.1	100	170	210	4*18
100SWQ70-9-4QG	70	9	4	380	100	2900	120	122.8	50	110	140	4*14
50SWQ18-35-5.5QG	18	35	5.5	380	50	2900	121	136	65	130	160	4*14
65SWQ30-25-5.5QG	30	25	5.5	380	65	2900	121	135.9	80	150	190	4*18
80SWQ50-16-5.5QG	50	16	5.5	380	80	2900	120	143	100	170	210	4*18
100SWQ70-12-5.5QG	70	12	5.5	380	100	2900	143	163	150	225	265	8*18
150SWQ100-8-5.5QG	100	8	5.5	380	150	2900	129	134.2	50	110	140	4*14
50SWQ20-40-7.5QG	20	40	7.5	380	50	2900	129	134.2	65	130	160	4*14
65SWQ30-32-7.5QG	30	32	7.5	380	65	2900	121	135.9	80	150	190	4*18
80SWQ45-22-7.5QG	45	22	7.5	380	80	2900	120	143	100	170	210	4*18
100SWQ70-17-7.5QG	70	17	7.5	380	100	2900	143	163	150	225	265	8*18
150SWQ140-8-7.5QG	140	8	7.5	380	150	2900	142.8	145.8	50	110	140	4*14
50SWQ20-45-11QG	20	45	11	380	50	2900	142.8	145.8	65	130	160	4*14
65SWQ40-40-11QG	40	40	11	380	65	2900	157.4	159.1	80	150	190	4*18
80SWQ70-30-11QG	70	30	11	380	80	2900	157.4	170.4	100	170	210	4*18
100SWQ100-20-11QG	100	20	11	380	100	2900	157.5	170	150	225	265	8*18
150SWQ120-15-11QG	120	15	11	380	150	2900	157.5	175	200	280	320	8*18

Dimension

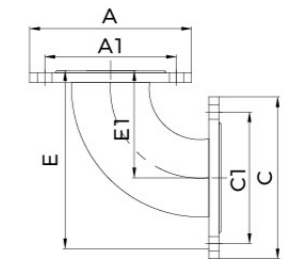
Model	Mounting Dimension						Pump outlet size					
	H	H1	F	F1	L1	L2	B1	B2	D	D1	D2	n1xd1
200SWQ200-8-11QG	200	8	11	380	200	2900	142.8	145.8	50	110	140	4*14
50SWQ20-50-15QG	20	50	15	380	50	2900	142.8	145.8	65	130	160	4*14
65SWQ40-45-15QG	40	45	15	380	65	2900	157.4	159.1	80	150	190	4*18
80SWQ70-35-15QG	70	35	15	380	80	2900	157.4	170.4	100	170	210	4*18
100SWQ100-25-15QG	100	25	15	380	100	2900	157.5	170	150	225	265	8*18
150SWQ120-20-15QG	120	20	15	380	150	2900	157.5	175	200	280	320	8*18
200SWQ200-10-15QG	200	10	15	380	200	2900	145	185.3	200	280	320	8*18
50SWQ20-65-18.5QG	20	65	18.5	380	50	2900	146.5	160.3	50	110	140	4*14
65SWQ40-55-18.5QG	40	55	18.5	380	65	2900	146.5	160.3	65	130	160	4*14
80SWQ70-40-18.5QG	70	40	18.5	380	80	2900	147.7	170.7	80	150	190	4*18
100SWQ100-35-18.5QG	100	35	18.5	380	100	2900	147.7	170.7	100	170	210	4*18
150SWQ180-18-18.5QG	180	18	18.5	380	150	2900	141.4	196.4	150	225	265	8*18
200SWQ220-15-18.5QG	220	15	18.5	380	200	2900	145	185.3	200	280	320	8*18
50SWQ20-70-22QG	20	70	22	380	50	2900	146.5	160.3	50	110	140	4*14
65SWQ40-60-22QG	40	60	22	380	65	2900	146.5	160.3	65	130	160	4*14
80SWQ70-45-22QG	70	45	22	380	80	2900	147.7	170.7	80	150	190	4*18
100SWQ100-38-22QG	100	38	22	380	100	2900	147.7	170.7	100	170	210	4*18
150SWQ180-20-22QG	180	20	22	380	150	2900	141.4	196.4	150	225	265	8*18
200SWQ220-18-22QG	220	18	22	380	200	2900	145	185.3	200	280	320	8*18

Coupler installation size drawing



Model	PN	D	D1	D2	D3	E	F	F1	F2	F3	F4	F5	F6	F7	F8	G	G1	H	H1
DN-50S	6	140	14	110	16	4	268	198	124	73	117	113	182	217	13	1"	130	210	133
DN-65S	6	160	14	130	16	4	293	213	128	77	135	130	215	255	13	1"	158	245	148
DN-80S	6	190	18	150	18	4	344	249	146	99	160	155	265	315	14	1.5"	185	280	165
DN-100S	6	210	18	170	20	4	388	283	166	114	192	160	305	355	14	1.5"	208	330	195
DN-150S	6	265	18	225	20	8	518	386	219	94	255	255	350	392	14	1.5"	300	428	262
DN-200S	6	320	18	280	20	8	595	435	291	98	303	300	400	446	14	1.5"	360	520	300
DN-250S	6	375	18	335	26	12	703	515	325	130	364	364	243	436	14	2"	400	547	290
DN-300S	10	450	22	400	32	12	848	623	396	127	448	437	290	520	14	2"	480	656	350
DN-350S	10	505	22	460	22	16	836	583	452	127	600	600	164	380	14	2"	650	969	430

Flange Elbow



Model	A	A1	E	E1	C	C1
DN50S Flange Elbow	140	110	152	82	140	110
DN65S Flange Elbow	160	130	176	106	160	130
DN80S Flange Elbow	190	150	208	113	190	150
DN100S Flange Elbow	210	170	228	123	210	170



Guide Rail System

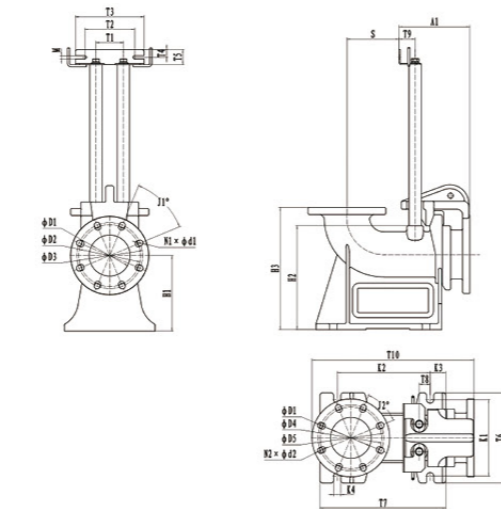
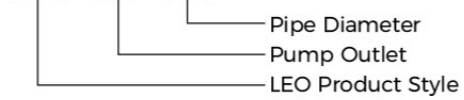
- Suitable for pumps with flange conforming ISO7005-92 standard.
- Automatic engagement with flanged elbow

Includes

- Duck-foot bend
- Guide hook
- Flange connector
- Upper guide support
- Bolts and lock washers
(Foundation bolts and guide pipes are not included)

Identification Codes

SW 50 - 50



Dimension

Model	D1	D2	D3	D4	D5	T1	T2	T3	T4	T5	T6	T7	T8	T9	T10
SW50-50(PN6)	50	90	110	105	125	75	182	230	28	55	165	190	12	52.8	342.5
SW65-65(PN6)	65	/	130	130	145	85	182	230	28	55	195	210	17	59.1	372.5
SW80-80(PN6)	80	/	150	145	160	85	182	230	28	55	220	317	26	59.1	417
SW100-100(PN6)	100	/	170	170	180	100	182	250	28	55	220	350	38	59	494
SW100-100(PN6)	100	/	180	170	180	100	182	250	28	55	220	350	38	59	494
SW150-150(PN6/PN10)	150	227.5	240	225	240	100	182	250	28	55	330	460	40	59	577.5
SW200-200(PN6/PN10)	200	283	295	283	295	200	260	320	28	55	360	520	39	65	660
SW250-250(PN6/PN10)	250	338	350	338	350	200	260	320	28	55	400	570	38	65	731.5

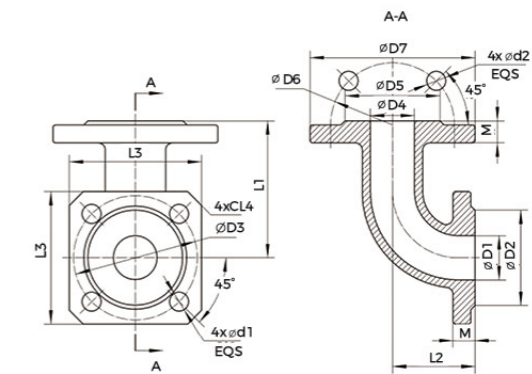
Model	H1	H2	H3	K1	K2	K3	K4	J1	J2	N1	N2	d1	d2	S	A1
SW50-50(PN6)	170	205	260	115	100	48	18	90	90	4	4	14	19	133	179.5
SW65-65(PN6)	175	220	270	145	120	48	18	90	45	4	8	14	19	148	191.1
SW80-80(PN6)	190	245	290	175	158	42	20	90	45	4	8	18	20	174	202.1
SW100-100(PN6)	230	300	360	169	266	41	22	90	45	4	8	19	19	135	216
SW100-100(PN6)	230	300	360	169	266	41	22	45	45	8	8	19	19	135	216
SW150-150(PN6/PN10)	275	380	447	280	340	57	22	45	45	8	8	19	22	191	244
SW200-200(PN6/PN10)	330	443	551	300	395	59	28	45	45	8	8	22	22	230	260
SW250-250(PN6/PN10)	385	525	641	340	440	64	28	30	30	12	12	22	22	270	164

Standard with threaded flange and fastening bolt, with bracket welder; Without guide rod, guide chain and anchor bolts, and without fixed bolts for bracket weldment, the customer shall provide them by himself. Guide rod can be standard galvanized water pipe.(DN100 and above are circular outlets without flanges)

Package Information

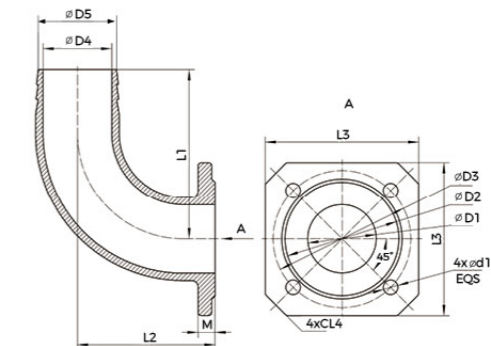
Model	Caliber (mm)	Nominal pressure	Packing Dimension (mm)	G.W (kg)	N.W (kg)
SW50-50(PN6)	50	PN6	377x322x205	23	17.6
SW65-65(PN6)	65	PN6	406x339x230	30	23.5
SW80-80(PN6)	80	PN6	460x375x270	39.5	30.8
SW100-100(PN6)	100	PN6	523x483x296	53.8	45
SW100-100(PN6)	100	PN10	523x483x296	53.8	45
SW150-150(PN6/PN10)	150	PN6/PN10	605x355x650	97	86.6
SW200-200(PN6/PN10)	200	PN6/PN10	690x390x757	138.5	122.5
SW250-250(PN6/PN10)	250	PN6/PN10	765x430x845	179	160

Flange Elbow



Model	D1	D2	D3	D4	D5	D6	D7	L1	L2	L3	L4	M	d1	d2
32-32 Flange Elbow	32	69	90	32	69	90	120	100	60	96	10	16	14	14
40-50 Flange Elbow	40	78	100	50	88	110	140	120	60	110	15	16	14	14
50-50 Flange Elbow	50	88	110	50	88	110	140	105	105	120	15	16	14	14
65-65 Flange Elbow	65	108	130	65	108	130	160	130	130	145	20	16	14	14
80-80 Flange Elbow	80	124	150	80	124	150	190	155	155	145	15	18	18	18

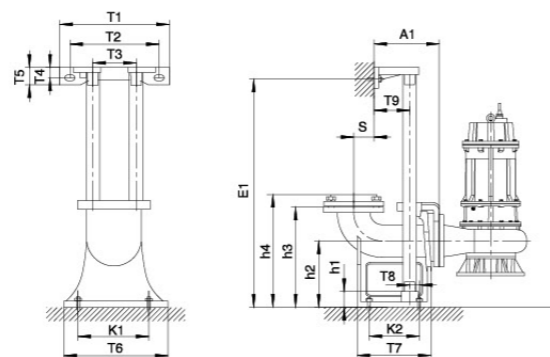
Hose Coupling



Model	D1	D2	D3	D4	D5	L1	L2	L3	L4	M	d1
● 50-40 Hose Coupling	50	88	110	38	48	115	65	120	15	16	14
● 65-50 Hose Coupling	65	108	130	51	61	125	68	145	20	16	14
● 80-60 Hose Coupling	80	124	150	60	70	140	75	145	15	16	18
50-50 Hose Coupling	50	88	110	50	58	140	120	120	15	16	14
65-65 Hose Coupling	65	108	130	65	74	160	130	145	20	18	14
80-80 Hose Coupling	80	124	150	80	87	190	135	145	15	18	18

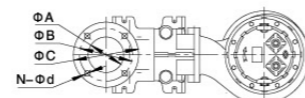
● Product standard

Coupler installation size drawing



Main accessories

- Coupling seat
 - Coupling block
 - Upper guide rod frame
 - Flange(≤4")
- Guide rods, anchor bolts, expansion bolts, chain assembly are not included



Model	ΦA	ΦB	ΦC	N-Φd	T1	T2	T3	T4	T5	T6	T7	T8	T9	K1	K2	S	h1	h2	h3	h4	A1	N.W (kg)	Guide rod length (mm)
200-200(PN10)	Φ200	295	340	8-Φ22	400	280	260	24	48	400	445	100	95	300	355	230	440	325	555	-	285	125	E1-460
250-250(PN10)	Φ250	350	395	12-Φ22	400	280	260	24	48	460	555	110	95	360	430	295	460	315	630	-	310	195	E1-480
300-300(PN10)	Φ300	400	445	12-Φ22	520	375	340	32	65	550	600	140	115	414	460	270	570	415	730	-	380	305	E1-590

Note: The guide rod pipes, anchor bolts, and upper guide rod frame bolts need to be provided by the customer. Standard galvanized water pipes can be used as guide rods. 4 inches (100-100) and below are equipped with internal, threaded flanges and bolts and nuts, 6 inches (150-150) and above are not equipped with internal threaded flanges and bolts and nuts

Internal thread

Coupling assembly	Material	50-50 (PN6)	65-65 (PN6)	80-80 (PN6)	100-100 (PN6)	100-100(PN10)
Coupling seat	Cast iron	DN40/DN50(PN6)	DN65(PN6)	DN80(PN6)	DN100(PN6)	DN100(PN10)
Coupling block	Cast iron	DN32/DN40/DN50(PN6)	DN65-65(PN6)	DN80-80(PN6)	DN100-100(PN6)	DN100-100(PN10)
*Flange gasket	Nitrile rubber	DN32/DN40/DN50(PN6)	DN65(PN6)	DN80(PN6)	DN100(PN6)	DN100(PN10)
*Bolt	Carbon steel	4-M12x55	4-M12x55	4-M16x60	4-M16x60	8-M16x60
*Spring pad	Carbon steel	4-Φ12	4-Φ12	4-Φ16	4-Φ16	8-Φ16
*Nut	Carbon steel	4-M12	4-M12	4-M16	4-M16	8-M16
*Anti-flange	Cast iron	G2(Internal thread) (Matching)	G2 ¹ / ₂ (Internal thread) (Matching)	G3(Internal thread) (Matching)	DN100	DN100
*Flange gasket	Nitrile rubber	DN50(PN6)(Matching)	DN65(PN6)(Matching)	DN80(PN6)(Matching)	DN100(PN6)	DN100(PN6)
*Bolt	Carbon steel	4-M12x55(Matching)	4-M12x55(Matching)	4-M16x60(Matching)	4-M16x60	8-M16x60
*Spring pad	Carbon steel	4-Φ12(Matching)	4-Φ12(Matching)	4-Φ16(Matching)	4-Φ16	8-Φ16
*Nut	Carbon steel	4-M12(Matching)	4-M12(Matching)	4-M16(Matching)	4-M16	8-M16
Upper guide rod frame	Sheetmetal	DN50	DN65	DN80	DN100	DN100
Recommended reserved hole size for anchor bolts		80x80x270	80x80x270	80x80x270	100x100x350	100x100x350
*Guide rod	*Model	Φ32xΦ26	Φ42xΦ36	Φ42xΦ36	Φ45xΦ39	Φ45xΦ39
	Length	(Pool depth)-205mm	(Pool depth)-225mm	(Pool depth)-245mm	(Pool depth)-305mm	(Pool depth)-305mm
*Accessory pack (See below for details)		TOPJ-03	TOPJ-03	TOPJ-03	TOPJ-05t	TOPJ-05

Note: The mark * means that the accessories not included in the coupler need to be configured separately (Except for matching)

Internal thread

Coupling assembly	Material	150-150 (PN6)	150-150 (PN10)	200-200 (PN10)	250-250 (PN10)	300-300 (PN10)	400-400 (PN10)
Coupling seat	Cast iron	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
Coupling block	Cast iron	DN150-150(PN10)	150-150(PN10)	200-200(PN10)	250-250(PN10)	300-300(PN10)	400-400(PN10)
*Flange gasket	Nitrile rubber	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
*Bolt	Carbon steel	8-M16x60	8-M20x65	8-M20x80	12-M20x80	12-M20x100	16-M24x100
*Spring pad	Carbon steel	8-Φ16	8-Φ20	8-Φ20	12-Φ20	12-Φ20	16-Φ24
*Nut	Carbon steel	8-M16	8-M20	8-M20	12-M20	12-M20	16-M24
*Anti-flange	Cast iron	DN150	DN150	DN200	DN250	DN300	DN400
*Flange gasket	Nitrile rubber	DN150(PN6)	DN150(PN10)	DN200(PN10)	DN250(PN10)	DN300(PN10)	DN400(PN10)
*Bolt	Carbon steel	8-M16x60	8-M20x65	8-M20x80	12-M20x80	2-M20x100	16-M24x100
*Spring pad	Carbon steel	8-Φ16	8-Φ20	8-Φ20	12-Φ20	12-Φ20	16-Φ24
*Nut	Carbon steel	8-M16	8-M20	8-M20	12-M20	12-M20	16-M24
Upper guide rod frame	Sheetmetal or Cast iron	DN150	DN150	DN200	DN250	DN300	DN400
Recommended reserved hole size for anchor bolts		100x100x350	100x100x350	100x100x350	100x100x350	100x100x350	100x100x350
*Guide rod	*Model	Φ45x39	Φ45x39	Φ48x42	Φ48x42	Φ60x53	Φ60x53
	Length	(Pool depth)-380mm	(Pool depth)-380mm	(Pool depth)-460	(Pool depth)-480	(Pool depth)-590	(Pool depth)-790
*Accessory pack (See below for details)		≤22KW:TOPJ-05 30-45KW:TOPJ-06	≤22KW:TOPJ-05 30-45KW:TOPJ-06	≤22KW:TOPJ-08 30-45KW:TOPJ-09 55-75KW:TOPJ-10	≤22KW:TOPJ-08 30-45KW:TOPJ-09 55-75KW:TOPJ-10	30-45KW:TOPJ-09 55-75KW:TOPJ-10	30-45KW:TOPJ-09 55-75KW:TOPJ-10

Note: The mark * means that the accessories not included in the coupler need to be configured separately (Except for matching)

Accessory pack	Includes accessories		
	Anchor bolt	Expansion bolt	Chain specification
TOPJ-03	4-M16x220	2-M12x120	Φ5
TOPJ-05	4-M20x300	2-M12x120	Φ6
TOPJ-06	4-M20x300	2-M12x120	Φ8
TOPJ-08	4-M24x300	3-M14x120	Φ6
TOPJ-09	4-M24x300	3-M14x120	Φ8
TOPJ-10	4-M24x300	3-M14x120	Φ10

Remarks: The accessory package is optional and can be purchased separately when needed, separate inquiry required



Application

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

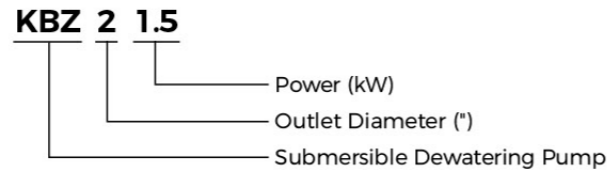
Pump

- Max. liquid temperature: +40°C
- Flow: up to 156 m³/h
- Head: up to 57 m
- Power: 1.5 kW (2 HP) to 15 kW (20 HP)
- Max. Immersion depth: 25 m
- Cable Length: 8 m

Motor

- Copper winding
- Insulation class: B
- Enclosures class: IP68

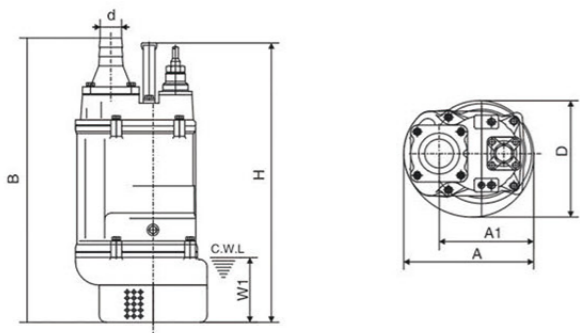
Identification Codes



Technical Data

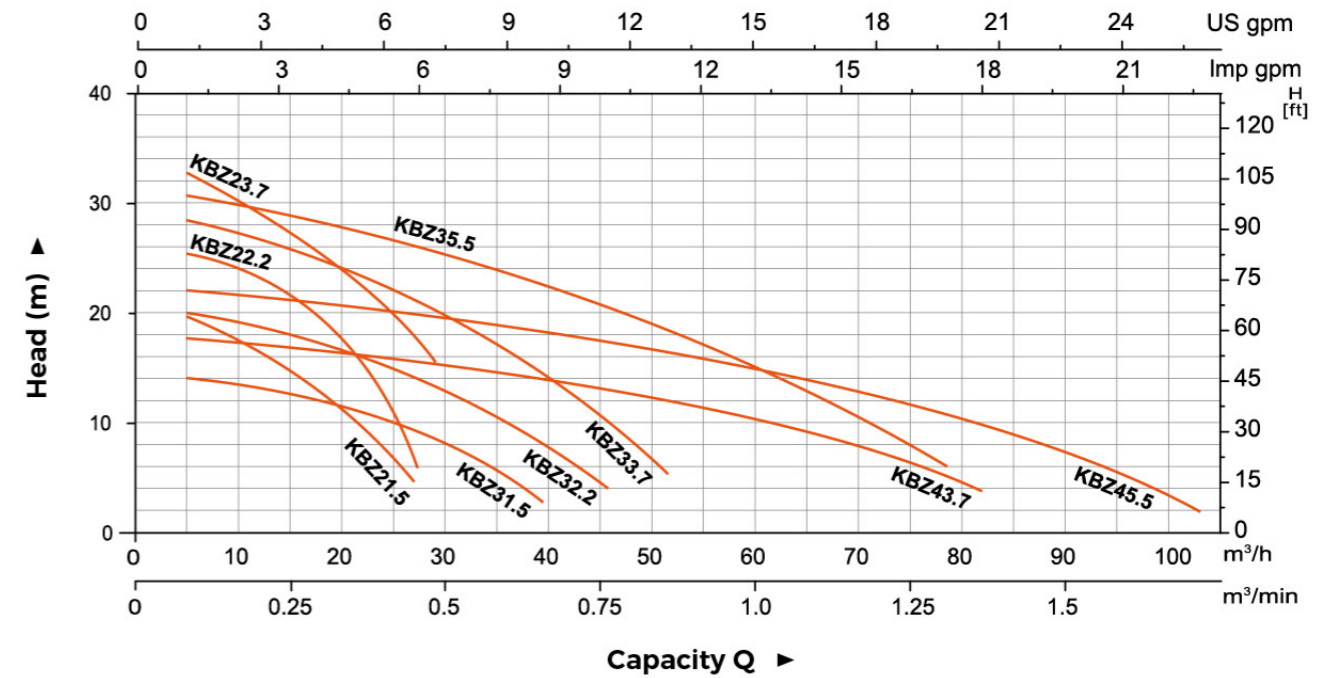
Model	Power		Diameter mm	Max. flow		Max. head m	Max. Solid Dia mm
	kW	HP		m ³ /h	l/min		
KBZ21.5	1.5	2	50	33	550	22	8.5
KBZ22.2	2.2	3	50	33	550	26	8.5
KBZ23.7	3.7	5	50	33	550	34	8.5
KBZ31.5	1.5	2	80	40	670	14.5	8.5
KBZ32.2	2.2	3	80	55	920	19	8.5
KBZ33.7	3.7	5	80	55	920	29	8.5
KBZ35.5	5.5	7.5	80	75	1250	34	8.5
KBZ43.7	3.7	5	100	90	1500	18.5	8.5
KBZ45.5	5.5	7.5	100	105	1750	23	8.5

Dimension



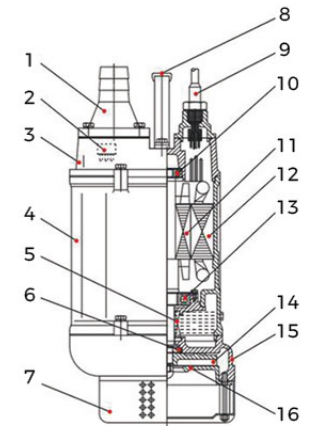
Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)
KBZ21.5	50	235	173	517	216	486	120
KBZ22.2	80	235	173	517	216	486	120
KBZ23.7	50	235	173	517	216	486	120
KBZ31.5	80	235	173	517	216	486	120
KBZ32.2	50	283	208	628	252	638	150
KBZ33.7	80	283	208	628	252	638	150
KBZ35.5	100	283	208	642	252	638	150
KBZ43.7	80	306	218	671	259	598	150
KBZ45.5	100	306	218	686	259	598	150

Hydraulic Performance Curves



Material Table

No.	Part	Material	No.	Part	Material
1	Hose coupling	Cast iron	9	Cable	
2	Thermal protector		10	Bearing	
3	Upper cover	Cast iron	11	Rotor	
4	Motor cover	Cast iron	12	Stator	
5	Oil seal		13	Bearing	
6	Mechanical seal	Lower: Sic-Sic Upper: Carbon-Sic(≤2.2kW) Lower: Sic-Sic Upper: Sic-Sic(≥3.7kW)	14	Impeller	High chrome alloy
7	Strainer	Steel	15	Pump body	Cast iron
8	Handle	Steel	16	Inlet plate	Ductile iron



Package Information

Model	N.W (kg)	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
KBZ21.5	34.5	37.5	585	270	270	648
KBZ22.2	36	39	585	270	270	648
KBZ23.7	60	65	685	325	300	406
KBZ31.5	34.5	37	585	270	270	648
KBZ32.2	36	39	585	270	270	648
KBZ33.7	60	65	685	325	300	406
KBZ35.5	77	84	725	355	370	288
KBZ43.7	61	66	685	325	300	406
KBZ45.5	78	85	725	355	370	288



Application

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

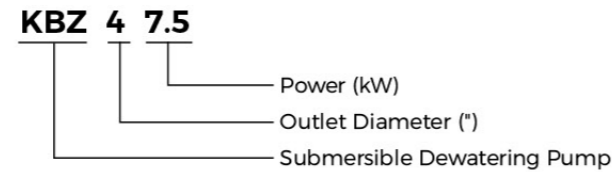
Pump

- Max. liquid temperature: +40°C
- Flow: up to 156 m³/h
- Head: up to 57 m
- Power: 1.5 kW (2 HP) to 15 kW (20 HP)
- Max. Immersion depth: 25 m
- Cable Length: 8 m

Motor

- Copper winding
- Insulation class: B
- Enclosures class: IP68

Identification Codes

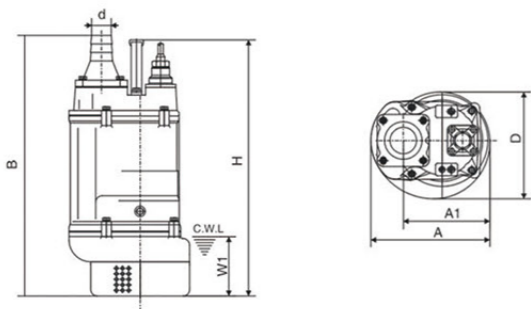


Technical Data

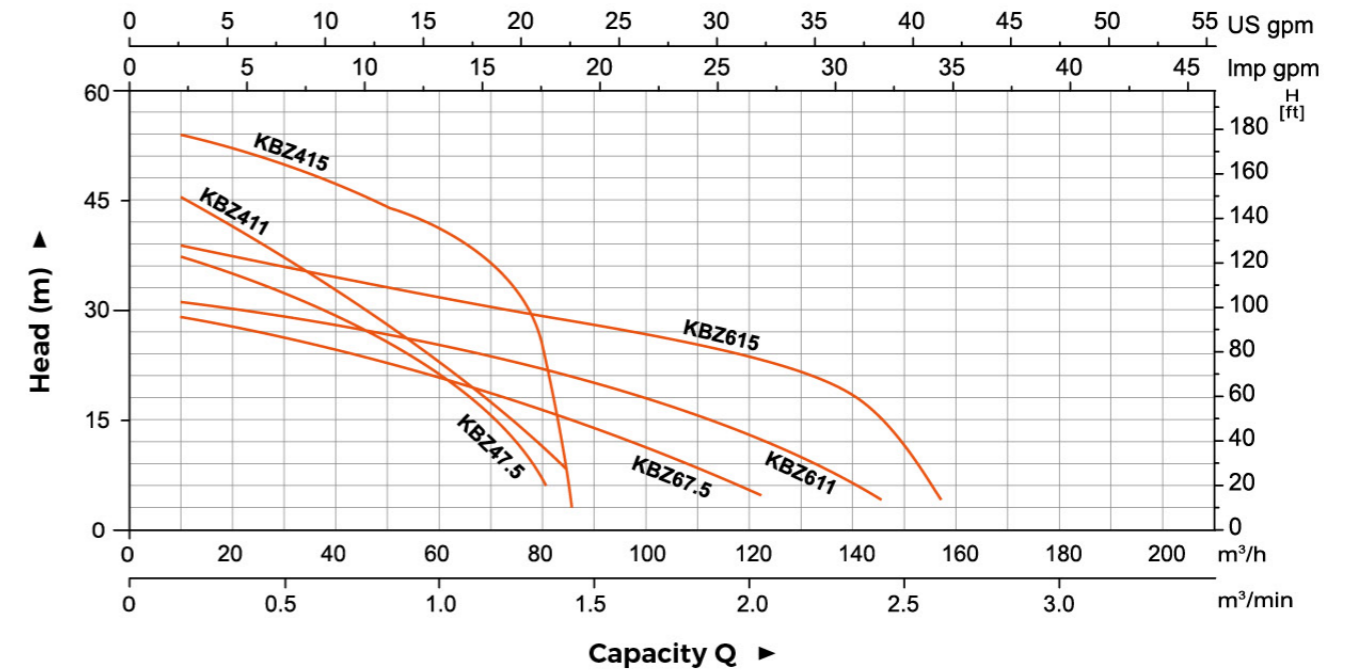
Model	Power		Diameter mm	Max. flow		Max. head m	Max. Solid Dia mm
	kW	HP		m ³ /h	l/min		
KBZ47.5	7.5	10	100	84	1400	40	11.5
KBZ411	11	15	100	84	1400	48.5	11.5
KBZ415	15	20	100	84	1400	56	11.5
KBZ67.5	7.5	10	150	124.8	2080	31	19.5
KBZ611	11	15	150	147	2450	32	19.5
KBZ615	15	20	150	156	2600	40	19.5

Dimension

Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)
KBZ47.5	100	330	240	764	314	676	190
KBZ411	100	373	255	807	350	695	190
KBZ67.5	150	330	240	790	314	676	190
KBZ611	150	373	255	807	350	695	190
KBZ415	100	373	255	842	350	755	190
KBZ615	150	373	255	842	350	755	190



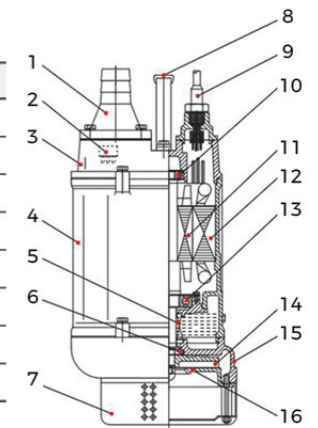
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Hose coupling	Cast iron
2	Thermal protector	
3	Upper cover	Cast iron
4	Motor cover	Cast iron
5	Oil seal	
6	Mechanical seal	Lower: Sic-Sic Upper: Carbon-Sic (≤2.2kW) Lower: Sic-Sic Upper: Sic-Sic (≥3.7kW)
7	Strainer	Steel
8	Handle	Steel

No.	Part	Material
9	Cable	
10	Bearing	
11	Rotor	
12	Stator	
13	Bearing	
14	Impeller	High chrome alloy
15	Pump body	Cast iron
16	Inlet plate	Ductile iron



Package Information

Model	N.W (kg)	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
KBZ47.5	105	114	805	365	390	215
KBZ411	130	140	895	415	440	160
KBZ415	142	153	895	415	440	160
KBZ67.5	106	114	835	365	390	205
KBZ611	133	143	855	415	440	160
KBZ615	145	156	895	415	440	160



Application

- Civil engineering
- Mines, quarries, Coal ore & slurries
- Sewage treatment plants
- General pumping purposes
- Pumping fluid: sludge, liquids containing mud and bentonite

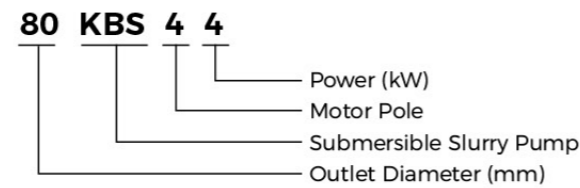
Pump

- Max. liquid temperature: +40°C
- Flow: up to 60 m³/h
- Head: up to 57 m
- Power: 1.5 kW (2 HP) to 15 kW (20 HP)
- Max. Immersion depth: 25 m
- Cable Length: 8 m

Motor

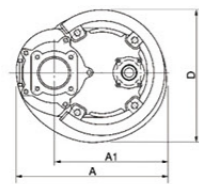
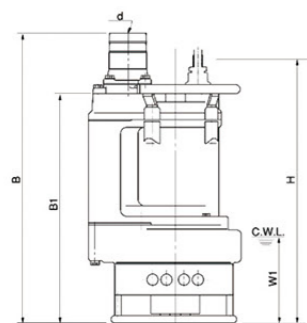
- Copper winding
- Insulation class: B
- Enclosures class: IP68

Identification Codes



Technical Data

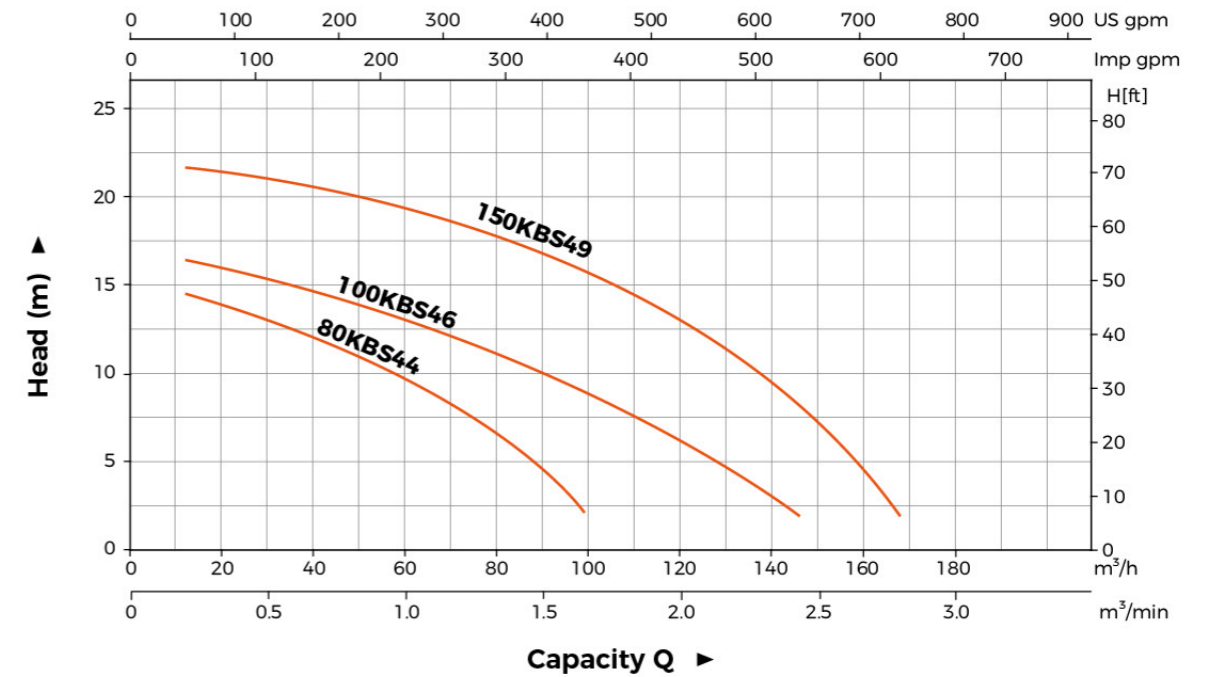
Model	Power		Diameter mm	Max. flow		Max. head m	Max. Solid Dia mm
	kW	HP		m ³ /h	l/min		
80KBS44	4	5.5	80	99	1650	14.8	30
100KBS46	6	8	100	144	2400	16.9	30
150KBS49	9	12	150	192	3200	21.5	30



Dimension

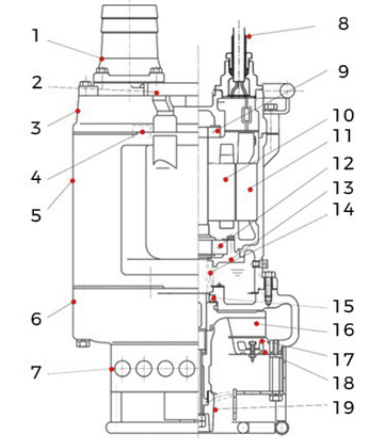
Model	d (mm)	A (mm)	A1 (mm)	B (mm)	B1 (mm)	D (mm)	H (mm)	W1 (mm)
80KBS44	80	350	260	816	666	326	730	250
100KBS46	100	415	305	844	688	373	730	250
150KBS49	150	434	324	889	709	407	776	250

Hydraulic Performance Curves



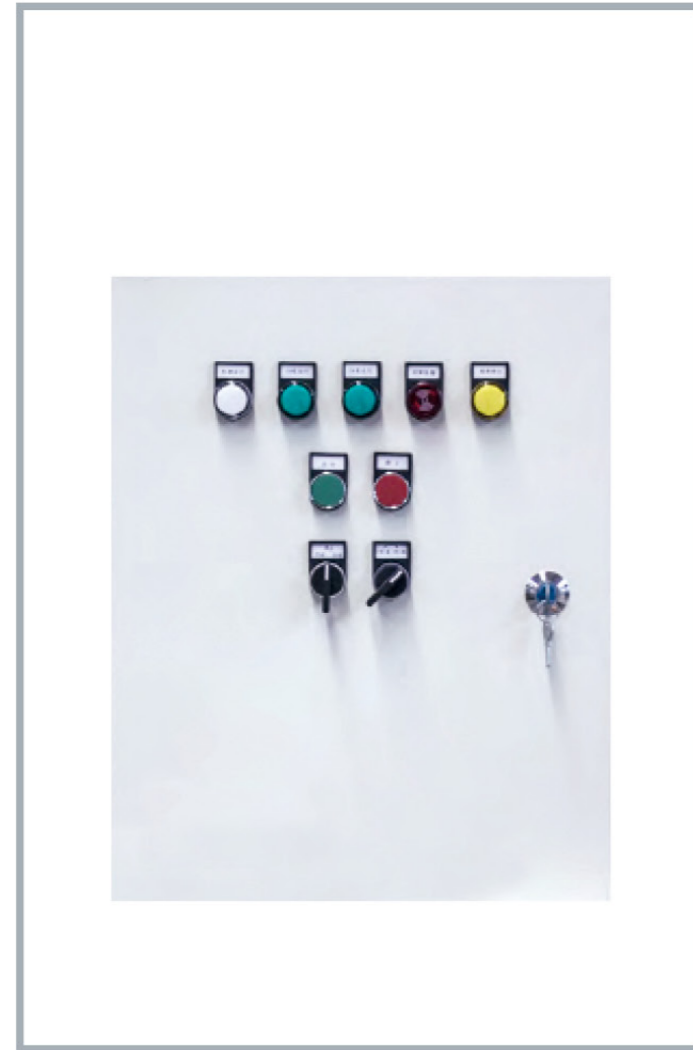
Material Table

No.	Part	Material	No.	Part	Material
1	Hose coupling	Cast iron	11	Stator	
2	Handle	Steel	12	Bearing	
3	Upper cover	Cast iron	13	Bearing house	Cast iron
4	Motor protector		14	Mechanical seal	Sic-Sic/Sic-Sic
5	Motor body	Cast iron	15	Oil seal	
6	Pump body	Cast iron	16	Impeller	High chrome alloy
7	Strainer	Steel	17	Inlet plate	High chrome alloy
8	Cable		18	Inlet base	Cast iron
9	Bearing		19	Agitator	High chrome alloy
10	Rotor				



Package Information

Model	N.W (kg)	CW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20' TEU)
80KBS44	105	113	855	415	400	190
100KBS46	145	156	415	475	990	143
150KBS49	170	184	475	475	1050	118



Control Box

- The device is specially designed for automatic water drainage in pump stations, elevator shafts, sewage pits, etc.

Features

- Liquid level control
- Excellent anti-interference performance
- The primary pump and standby pumps can be set arbitrarily. In case the primary pump is failed or water output is less than input, the standby pump(s) start to run automatically
- Display of Power and Operating status
- Manual and automatic operation mode for selection
- Protection of earth leakage, overcurrent, overvoltage, overheating and phase loss
- Audible and visual alarm

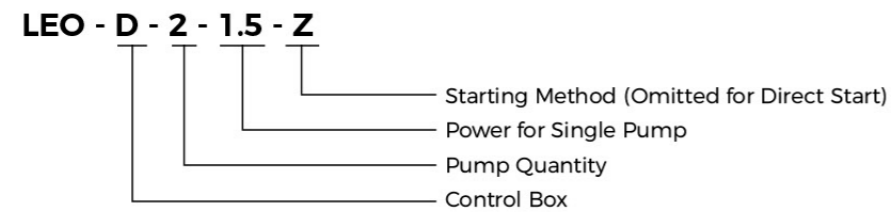
Operating Conditions

- Ambient temperature: 5 ~ 40°C
- Humidity: ≤90%
- Operating voltage: 380 V ± 10%
- Ambient environment: Freedom from corrosive gases and/or conductive dust

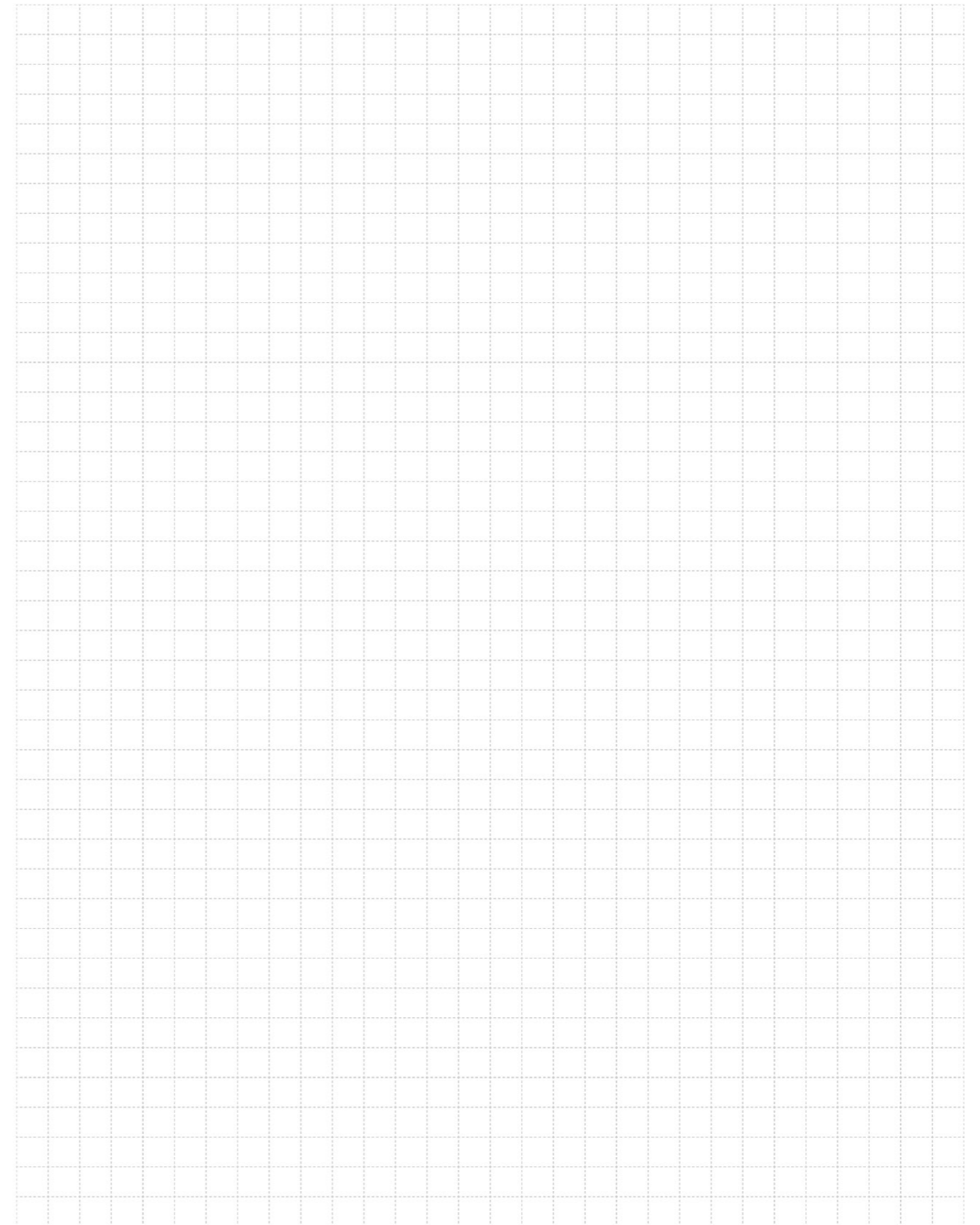
Instructions

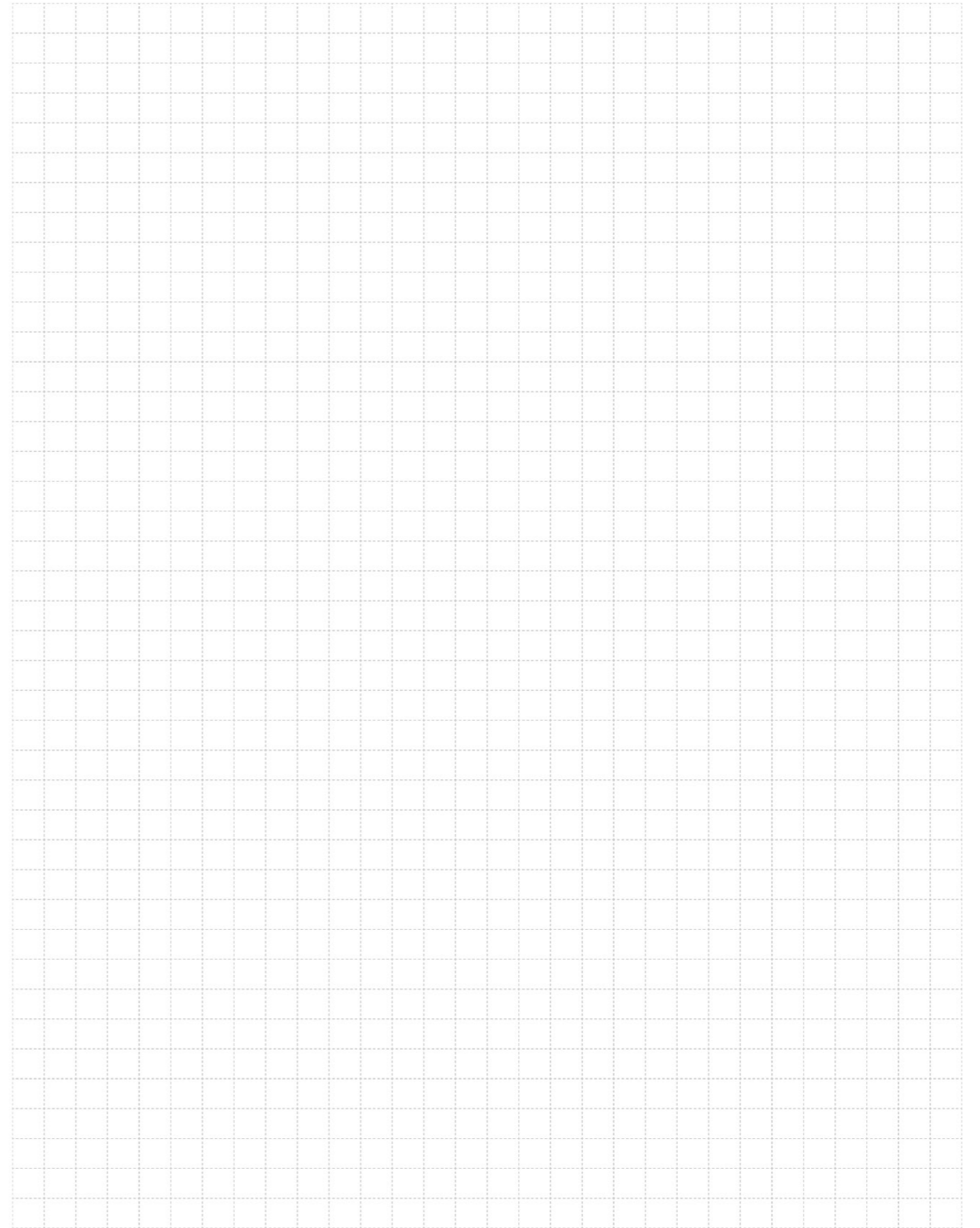
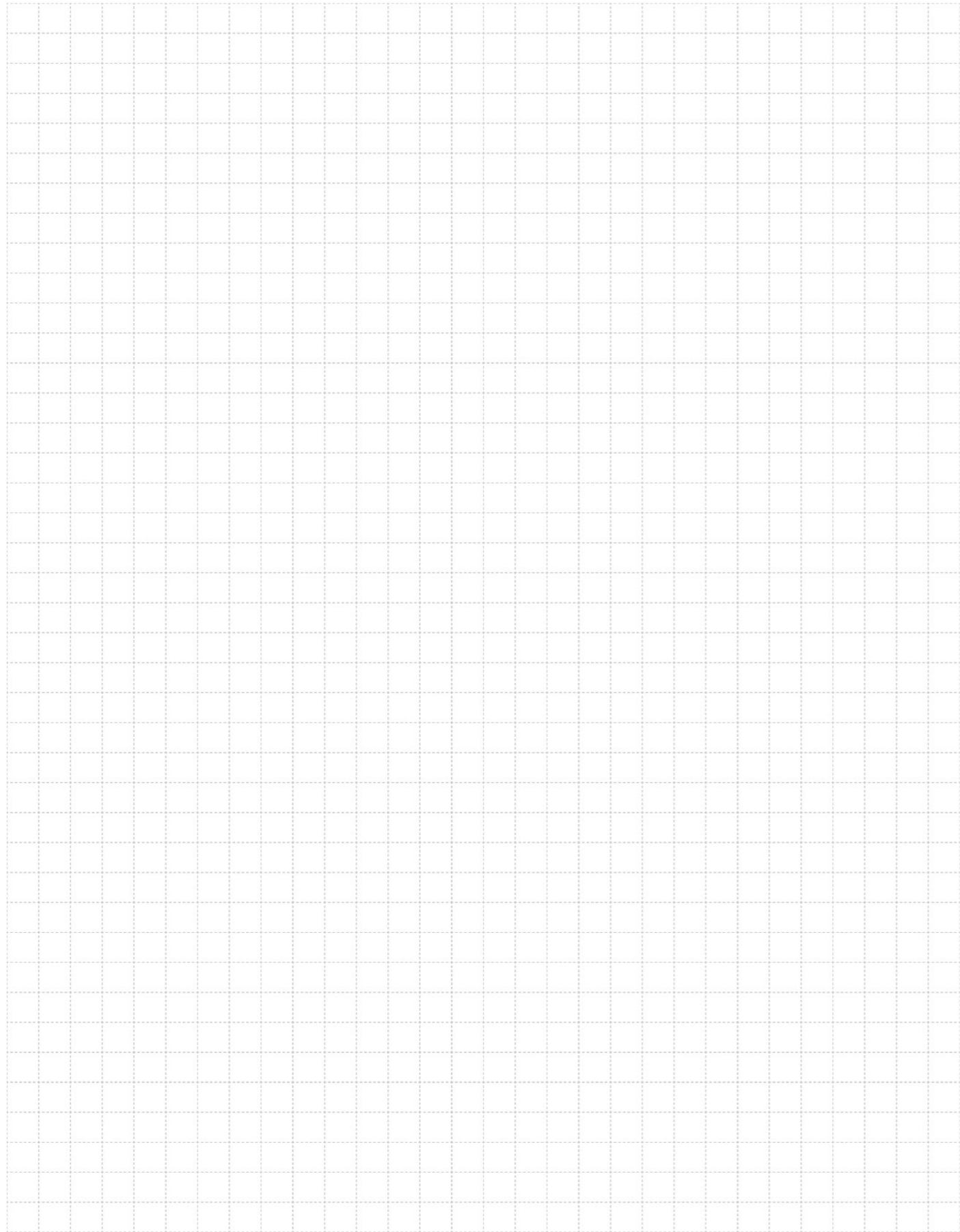
- DOL (Direct On Line): High starting current. Applicable for pumps with power up to 15 kW.
- Autotransformer Starter: Small starting current. Applicable for pumps with power more than 15 kW.
- Soft Starter: Smooth starting current with small influence on the grid. Applicable for pumps with power more than 15 kW.

Identification Codes



	Q	Z	R
Starting Method	Direct on Line	Autotransformer Starter	Soft Starter
Controlled Quantity	1	2	3
Control Mode	For One Pump	For Three Pumps	For Four Pumps





PUMP RANGE

Peripheral Pump



Self-Priming Peripheral Pump



Jet Pump



Jet Pump for Deep Wells



Centrifugal Pump



Multistage Centrifugal Pump



Horizontal Multistage Centrifugal Pump



Permanent Magnet Intelligent Booster



Self-Priming Centrifugal Pump



Submersible Pump



Domestic Lifting Station



Pool Pump



Garden Jet Pump



Garden Pressure System



Fountain Pump



Garden Submersible Pump



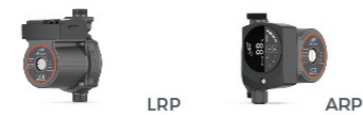
Petrol Lawnmowers



Wall-Mounted Gas Boiler Pump



Circulation Pump



Booster Pump



Stainless Steel Centrifugal Pump



Semi-open Impeller Stainless Steel Centrifugal Pump



Stainless Steel Horizontal Multistage Pump



Intelligent Pressure Booster System



Vertical Multistage Pump



Pressure Booster System



Stainless Steel Standard Centrifugal Pump



Standard Centrifugal Pump



End Suction Centrifugal Pump



Vertical In-line Pump



PUMP RANGE

Submersible Sewage Pump



Submersible Dewatering Pump



Submersible Slurry Pump

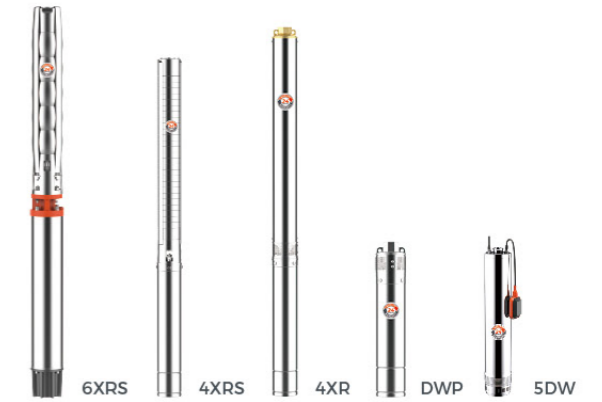


Gasoline/Diesel Water Pump



Submersible Borehole Pump

2", 2.5", 3", 4", 5", 6"



Solar Pumping System

