Point™
pumps

Technology. Innovation. Commitment.

SEWAGE PUMPS

CE

Enhance your life

Enhance your life

Contents

Company Profile

Our Vision

To satisfy the needs of people everywhere through the supply of technologically superior products and services.

It is this vision that inspires Sharp to deliver products that aptly meet the needs of the market, building an unshakeable trust in millions of homes through the years. Sharp Pumps Pvt. Ltd, started in 1986, is a leader in Monobloc Water Pumps in India. Working on the basis of sound science, Sharp has created products, which are now household names relied on for the smooth functioning of daily lives in India.

Technology

The driving force behind our success.

Technology is the cornerstone of Sharp products and services. Given the fast pace of change in technology it is imperative for every successful company to stay ahead of the times. Sharp ensures research and study in the field of pumps and ensures use of the same in continuously upgrading the quality.

Quality

Strict to ensure safety and longevity of products

By applying rigorous standards of Quality, Sharp has been able to deliver sustained success through the years. Whether it's about the safety of the products or their longevity, the processes and tests at Sharp ensure the customer gets the best every time.

Commitment

Inspired to perform for over 2 decades

Technology performance is driven by commitment – to values, to the customer, to processes at Sharp. Every customer is important and every interaction is unique. Keeping this in mind, Sharp maintains a total commitment to exceptional standards of performance and productivity, to working together effectively and to a willingness to embrace new ideas and learn continuously.

Social Conscience

Sharp exhibits high standards of corporate behavior towards employees, customers, the societies, and the world. This is Sharp's road to sustainable, profitable growth for long-term value creation.

Through different projects, Sharp provides care for needy patients, education and support for physically challenged children, basic education for children in rural areas, employment oriented technical education and support to government relief measures in natural calamities and more.

Infrastructure











Model Description

PD Series (Drainage)

Ideal for pumping of sewage containing stringy materials and rags. PD series pumps are built with large clearances that allow ample free passages for the pumping of biological sludge wastes. In these pumps, the pumping action is created by vortex force wherein the solid particles will not come in contact with the impeller, thereby reducing the wear. PD pumps are ideal for industrial / Agricultural / Biological sludges.

PDS Series (Drainage)

These pumps are efficiently crafted for pumping sewage without any long fibres. PDS pumps are ideal for slightly soiled water and for lifting sewage in waste water treatment plants. The waste water passes through the impeller built with a wide passage between the suction unit and the delivery unit in order to prevent internal clogging.

PS Series (Sewage)

PS series pumps are especially designed for pumping sewage, sludge, effluents or surface water containing liquids mixed with solid or fibrous material. For special applications, impellers and volutes are available in graded steels.

PSS Series (Sewage)

These pumps are designed for pumping sewage, sludge containing a very large proportion of solid or fibrous material. These pumps comes with enclosed two channel impeller with replaceable wear ring and large spherical clearance. For special applications, impellers and volutes are available in graded steels.

Non-clog pumps are available in different variants, namely:

PA Series (Agitator Slurry)

Designed for industrial, mining and power plants or wherever the slurry solids have a tendency to accumulate, agitator pumps are the solution. Since the water always flows to the path of least resistance, a pump without mechanical agitation will only pump the water, leaving the solids behind to accumulate around the pump intake. Agitator pumps deliver kinetic energy (energy of motion) to slurry solids, which surrounds the pump intake, re-suspending them into a fluid state. These solids, which would have been otherwise buried, are pulled into the pump and pushed on through the discharge, keeping the intake clear and free of slurry accumulation.

PG Series (Grinder)

Designed to meet the demanding needs of commercial and agricultural sewage applications, where the solid handling is very crucial. The pump is fixed with a superior grinding system made of hardened SS material for shearing solids into small particles, prior to being passed to discharge by the impeller under high pressure. The pump is designed for Grey water pumping, sump emptying, septic effluent, pumping of waste water with soft solid in suspension, industrial, mining, power plants, vegetable wastes, thin pieces of plastic, cloth materials or wherever the slurry solids have a tendency to accumulate.

PC Series (Cutter)

Designed with special cutting impeller made of SS hardened material with highly sharpened knife edges for cutting small flexible solid particles prior to being passed to the impeller. The pump is designed for Grey water pumping , sump emptying, septic effluent, pumping of waste water with soft solid in suspension, hard dirt, rubber materials, resin and plastic. Cutter pumps deliver energy of motion to slurry solids surrounding the pump intake, re-suspending them into a fluid state. These solids, which would have been otherwise buried and starved the pump of liquid, are pulled into the pump and pushed on through the discharge keeping the intake clear and free of slurry accumulation.

PCE Series (Cutter)

Suitable for pumping sewage, municipal and industrial wastes comprising long fibrous constituents ,feces etc., PCE pumps are fitted with external macerators for chopping, mixing and pumping mediums containing hair, straw, bones, fat, long plant fibres. The cutter system is separated from the pump casing and impeller. The cutting action takes place before the medium enters the pump there by preventing the blockage in the pump and the system that follows. The motor is protected with two mechanical seals and is fitted with a permanently lubricated ball bearing.

PCC Series (Chopper)

Designed with two cutters namely stationary and rotary cutters. The pump chops as it pumps keeping oversized solids and stringy material from clogging in the downstream. Solids, fibrous and other hard materials are pulled into the pump suction. Before these materials enter the pump impeller vanes, they are cut by the action of the two cutters, so they easily pass through the pump after being chopped several hundred times per minute. The chopper pumps ability to handle large solids and stringy materials make it ideal for use in waste water treatment applications.

PCG Series (Chopper - Grinder)

Designed with special cutting arrangement with screw conveyor for handling solid particles. There are two cutters, the first cutter chops the fibrous material and make the liquid into homogeneous mixture. The screw conveyor transfers the solid particles and thick mass into the pump housing. There is one more cutter inside which further reduces the size of the particles. These pumps are ideal for Biogas, processing of wet organic materials, transfer of sewage water containing upto 5% of wet solid content.

Model Identification

Illustration 1

25PD-3-12-0.4: Drainage Pump (PD Series) Nomenclature can be identified as below

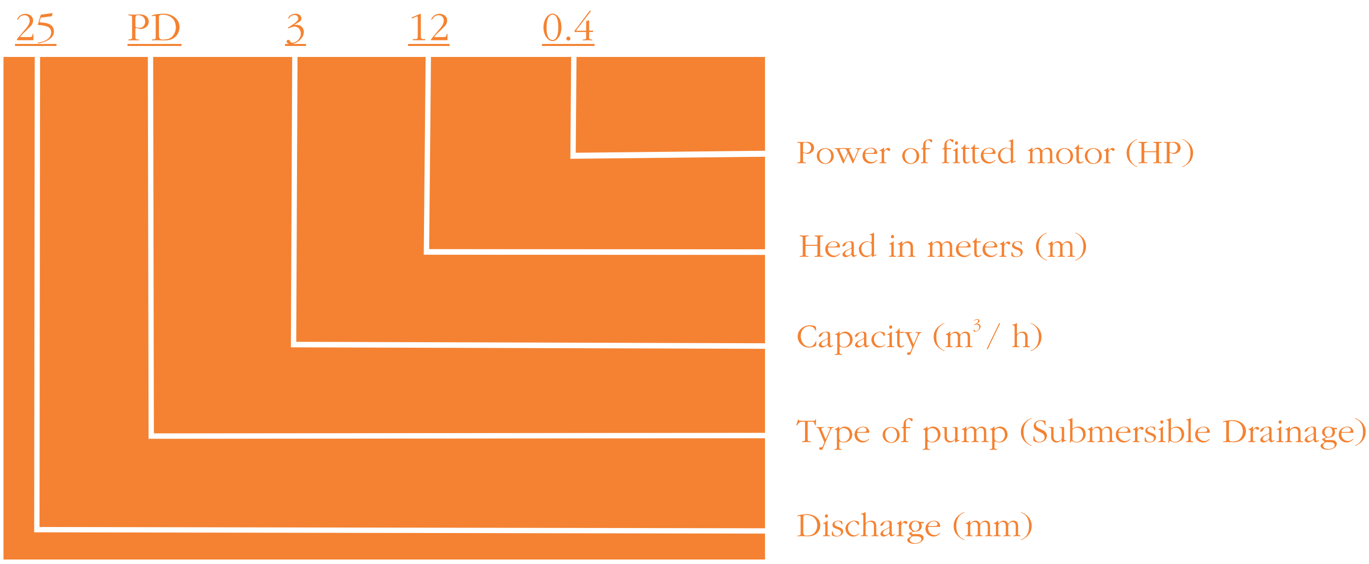
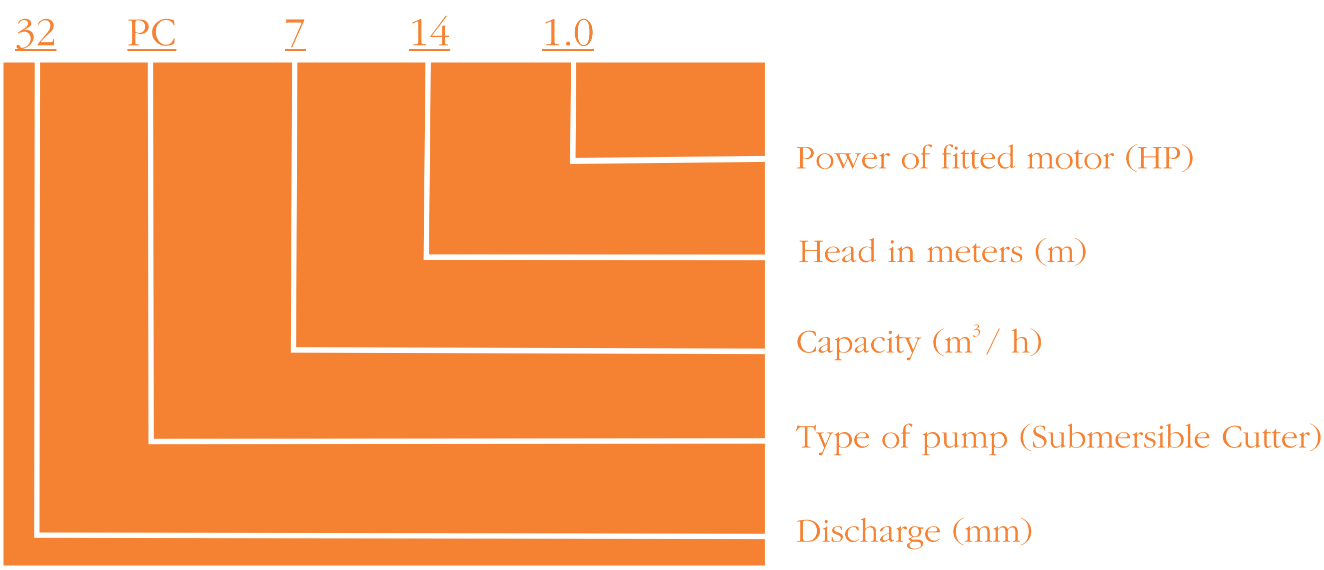


Illustration 2

32PC-7-14-1.0 : Cutter Pump (PC Series) Nomenclature can be identified as below



*Note :

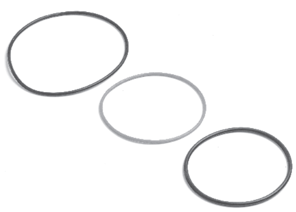
1.PD & PDS = Submersible Drainage Pump, 2.PS = Submersible Sewage Pump,

3.PSS = Slow Speed Sewage Pump, 4.PA = Submersible Agitator Slurry Pump, 5.PG = Submersible Grinder Pump,

6.PC = Submersible Cutter Pump, 7.PCE = Submersible External Cutter Pump,

8.PCC = Submersible Chopper Pump, 9.PCG = Submersible Chopper Grinder Pump (Bio gas)

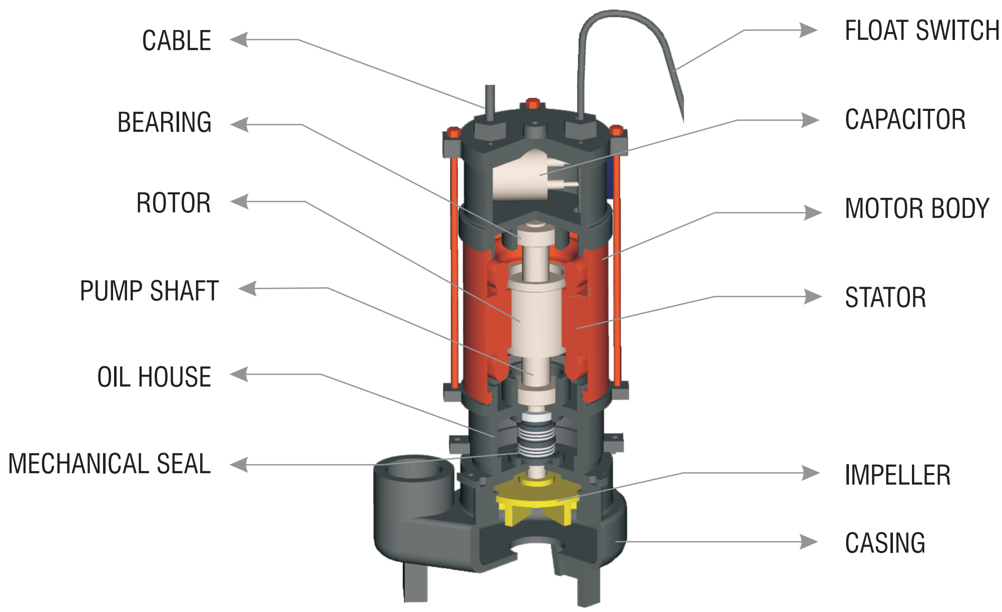
Material Specification

COMPONENTS	AVAILABLE OPTIONS
OUTER SHELL 	CAST IRON STAINLESS STEEL and the material composition adhering to standards like DIN, IS, ASTM.
PUMP SHAFT 	STAINLESS STEEL - SS 410, 1.4024 DIN W.-Nr. STAINLESS STEEL - SS 304, 1.4306 DIN W.-Nr. STAINLESS STEEL - SS 316, 1.4401 DIN W.-Nr. Material composition adhering to standards like DIN, IS, ASTM.
SEALS 	Mechanical Seal in accordance with DIN EN 12756 CERAMIC + GRAPHITE, SILICON CARBIDE, CARBON AND TUNGSTEN CARBIDE, VITON
O - RINGS 	NITRILE RUBBER, EPDM, SILICON RUBBER, NEOPRENE
IMPELLER 	CAST IRON, SS 410, 1.4024 DIN W.-Nr., SS 304, 1.4306 DIN W.-Nr., SS 316, 1.4401 DIN W.-Nr., CARBON ALLOYS STEEL, NON FERROUS MATERIALS LIKE GUN METAL, FORGED BRASS, DIN 1705, DIN 17662/17672, INVESTMENT CASTINGS LIKE WCB, 1.4301 DIN W.-Nr., CF8, 1.4308 DIN W.-Nr.
FASTNERS 	STAINLESS STEEL, CARBON ALLOY STEEL and the material composition adhering to standards like DIN, IS, ASTM.

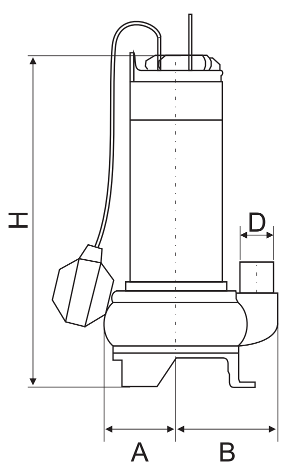
NOTE : Special material grades can be used on request

Drainage Pump - PD Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
25PD - 3 - 12 - 0.4	72	143	25	450
25PD - 4 - 14 - 0.6	72	143	25	450
32PD - 4 - 10 - 0.4	72	143	32	450
32PD - 6 - 10 - 0.6	72	143	32	450
32PD - 6 - 13 - 0.8	78	148	32	490
32PD - 8 - 12 - 1.0	78	148	32	490
40PD - 6 - 7 - 0.4	72	143	40	450
40PD - 8 - 7 - 0.6	72	143	40	450
40PD - 8 - 10 - 0.8	78	148	40	490
40PD - 10 - 8 - 0.8	78	148	40	490
40PD - 10 - 10 - 1.0	78	148	40	490
40PD - 12 - 8 - 1.0	78	148	40	490
40PD - 10 - 14 - 1.5	95	185	40	527
40PD - 12 - 12 - 1.5	95	185	40	527
50PD - 8 - 5 - 0.4	72	143	50	450
50PD - 10 - 6 - 0.6	72	143	50	450
50PD - 12 - 6 - 0.8	78	148	50	490
50PD - 14 - 7 - 1.0	78	148	50	527
50PD - 16 - 9 - 1.5	95	185	50	527
50PD - 14 - 10 - 1.5	95	185	50	527
50PD - 12 - 16 - 2.0	95	185	50	527
50PD - 14 - 14 - 2.0	95	185	50	527
50PD - 16 - 12 - 2.0	95	185	50	527
65PD - 18 - 14 - 3.0	246	150	65	784

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

Model	A	B	D	H
65PD - 18 - 16 - 4.0	246	150	65	784
65PD - 25 - 20 - 6.0	276	180	65	818
80PD - 24 - 5 - 2.0	241	168	80	811
80PD - 29 - 6 - 2.0	241	168	80	811
80PD - 36 - 7 - 2.0	241	168	80	811
80PD - 17 - 12 - 2.0	241	168	80	811
80PD - 18 - 14 - 3.0	247	150	80	785
80PD - 18 - 16 - 4.0	247	150	80	785
80PD - 20 - 12 - 3.0	247	150	80	785
80PD - 36 - 10 - 3.0	241	168	80	811
80PD - 27 - 16 - 6.0	276	180	80	844
80PD - 24- 22 - 6.0	276	180	80	844
80PD - 32 - 20 - 7.5	276	180	80	851
80PD - 43 - 25 - 10	276	180	80	851
100PD - 27 - 5 - 1.5	241	166	100	811
100PD - 30 - 6 - 2.0	241	166	100	811
100PD - 40 - 7 - 2.0	241	166	100	811
100PD - 20 - 12 - 3.0	241	166	100	811
100PD - 40 - 9 - 3.0	241	166	100	811
100PD - 45 - 8 - 4.0	277	180	100	837
100PD - 27 - 17 - 6.0	286	200	100	844
100PD - 54 - 10 - 6.0	277	180	100	859
100PD - 45 - 18 - 7.5	286	200	100	851
100PD - 60 - 12 - 7.5	286	200	100	866
100PD - 90 - 14 - 10	294	200	100	942

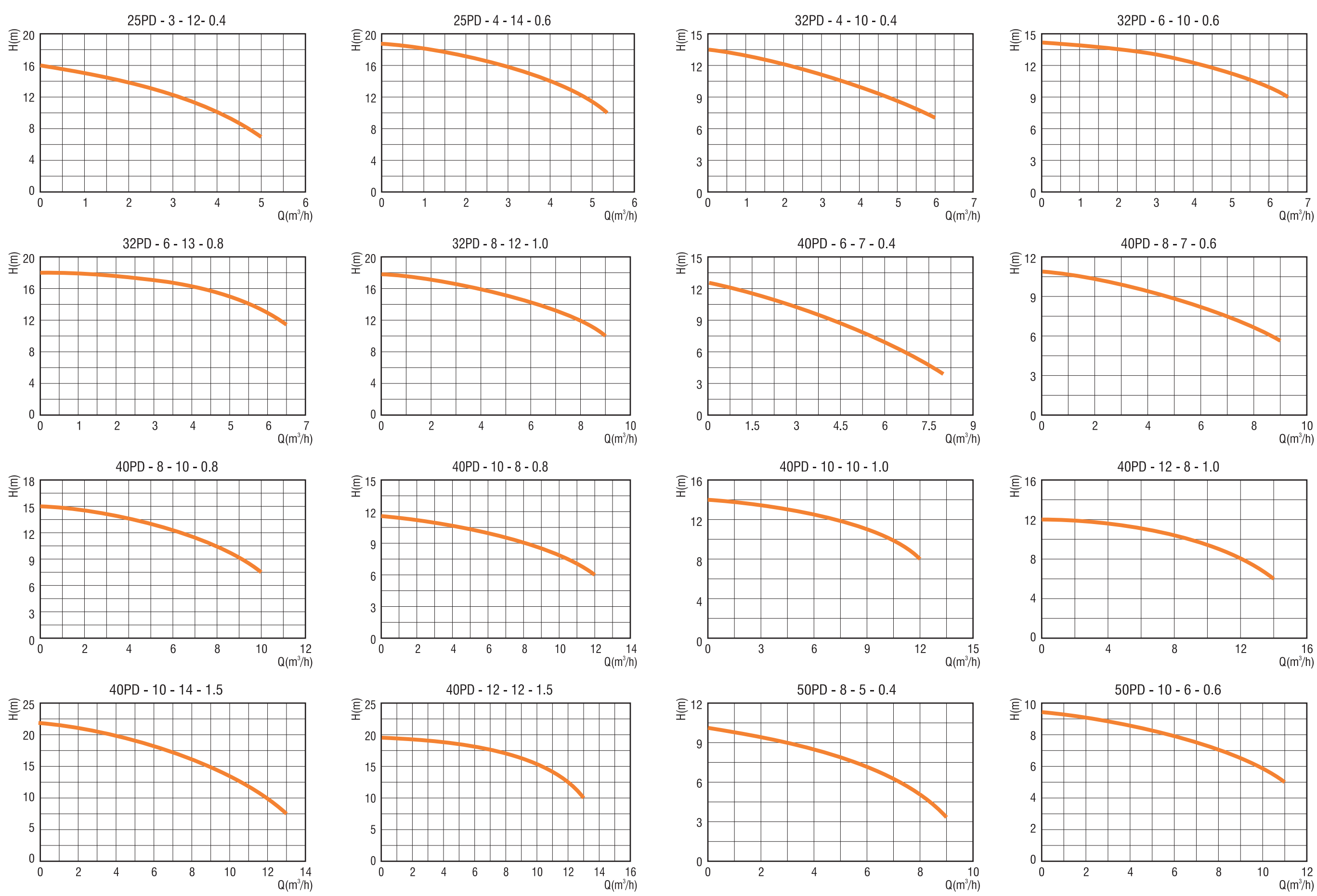
Drainage Pump - PD Series

Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m^3/h)	1	2	3	4	5	6	7	8
1	25PD - 3 - 12 - 0.4	0.4 / 0.3	23	Head (m)	14.5	13.5	12	10	7	-	-	-
2	25PD - 4 - 14 - 0.6	0.6 / 0.4	23		18.5	17	16	14	10	-	-	-
3	32PD - 4 - 10 - 0.4	0.4 / 0.3	29		13	12	11.5	10	8.5	-	-	-
4	32PD - 6 - 10 - 0.6	0.6 / 0.4	29		14	13.5	13	12	11.5	10	-	-
5	32PD - 6 - 13 - 0.8	0.8 / 0.6	29		18	17.5	17	16	15	13	-	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m^3/h)	2	4	6	8	10	12	14	16
6	32PD - 8 - 12 - 1.0	1.0 / 0.7	29	Head (m)	16.5	15.5	14.5	12	-	-	-	-
7	40PD - 6 - 7 - 0.4	0.4 / 0.3	36		11	9.5	7	4	-	-	-	-
8	40PD - 8 - 7 - 0.6	0.6 / 0.4	36		10.5	10	8.5	7	-	-	-	-
9	40PD - 8 - 10 - 0.8	0.8 / 0.6	36		14.5	13.5	12.5	10	7	-	-	-
10	40PD - 10 - 8 - 0.8	0.8 / 0.6	36		11	10.5	10	9	8	6	-	-
11	40PD - 10 - 10 - 1.0	1.0 / 0.7	36		13.5	13	12.5	11.5	10	7.5	-	-
12	40PD - 12 - 8 - 1.0	1.0 / 0.7	36		12	11.5	11	10.5	9.5	8	5.5	-
13	40PD - 10 - 14 - 1.5	1.5 / 1.1	36		20.5	20	18.5	16.5	14	10	-	-
14	40PD - 12 - 12 - 1.5	1.5 / 1.1	36		19	18.5	18	17	15.5	12	-	-
15	50PD - 8 - 5 - 0.4	0.4 / 0.3	45		9.5	8.5	7	5	-	-	-	-
16	50PD - 10 - 6 - 0.6	0.6 / 0.4	45		9	8.5	8	7	6	4	-	-

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Drainage Pump - PD Series

Performance Chart

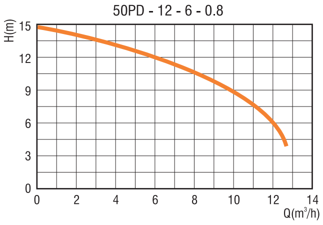
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	2	4	6	8	10	12	14	16	18
17	50PD - 12 - 6 - 0.8	0.8 / 0.6	45	Head (m)	13.5	13	11.5	10.5	8.5	6	-	-	-
18	50PD - 14 - 7 - 1.0	1.0 / 0.7	45		11	10.5	10	9.5	9	8	7	-	-
19	50PD - 14 - 10 - 1.5	1.5 / 1.1	45		-	14	13.5	13	12	11.5	10	8	-
20	50PD - 16 - 9 - 1.5	1.5 / 1.1	45		-	14	13.5	13	12.5	12	11	9	-
21	50PD - 12 - 16 - 2.0	2.0 / 1.5	45		22	21	20	19	18	16	12.5	-	-
22	50PD - 14 - 14 - 2.0	2.0 / 1.5	45		19	18.5	18	17.5	17	16	14	11.5	-
23	50PD - 16 - 12 - 2.0	2.0 / 1.5	45		-	17	16.5	16	15.5	14.5	14	12	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	6	12	18	24	30	36	42	48	54
24	65PD - 18 - 14 - 3.0	3.0 / 2.2	59	Head (m)	16	15	14	11.5	9.5	6	-	-	-
25	65PD - 18 - 16 - 4.0	4.0 / 3.0	59		18.5	17.5	16	14	11	7.5	-	-	-
26	65PD - 25 - 20 - 6.0	6.0 / 4.5	59		25	23.5	22	21	19.5	17	14.5	11	8
27*	80PD - 24 - 5 - 2.0	2.0 / 1.5	72		6.5	6	5.5	5	4.5	4	3.5	3	2
28*	80PD - 29 - 6 - 2.0	2.0 / 1.5	72		-	7.5	7	6.5	6	5.5	-	-	-
29*	80PD - 36 - 7 - 2.0	2.0 / 1.5	72		-	9	8.5	8	7.5	7	6	5.5	4
30	80PD - 17 - 12 - 2.0	2.0 / 1.5	72		14.5	13.5	11.5	8	-	-	-	-	-
31	80PD - 18 - 14 - 3.0	3.0 / 2.2	72		17	15	14	11	8.5	5.5	-	-	-
32	80PD - 18 - 16 - 4.0	4.0 / 3.0	72		18	17.5	16	14	12	9	-	-	-

* Pump Speed - 1440 rpm

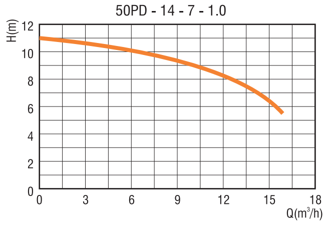
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

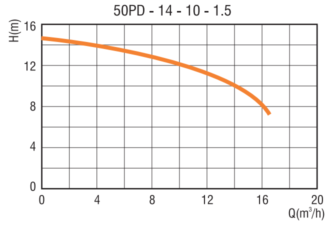
50PD - 12 - 6 - 0.8



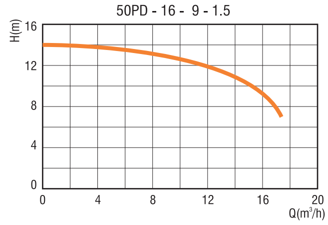
50PD - 14 - 7 - 1.0



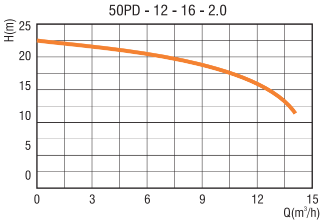
50PD - 14 - 10 - 1.5



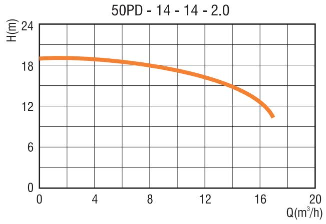
50PD - 16 - 9 - 1.5



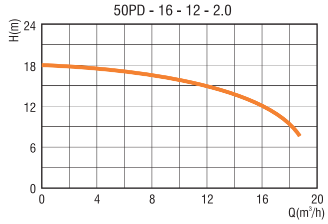
50PD - 12 - 16 - 2.0



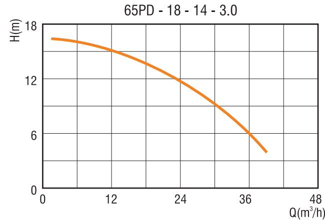
50PD - 14 - 14 - 2.0



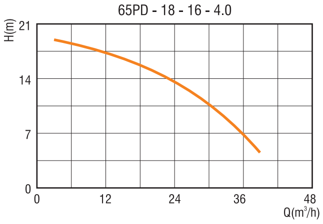
50PD - 16 - 12 - 2.0



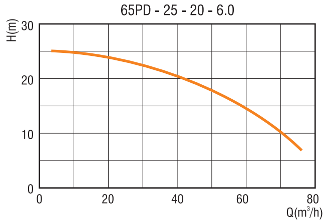
65PD - 18 - 14 - 3.0



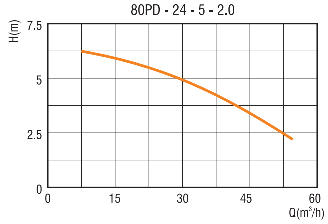
65PD - 18 - 16 - 4.0



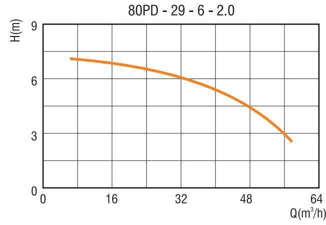
65PD - 25 - 20 - 6.0



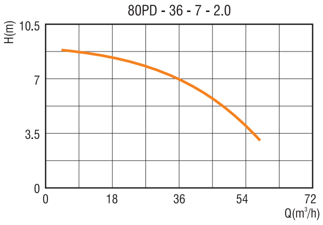
80PD - 24 - 5 - 2.0



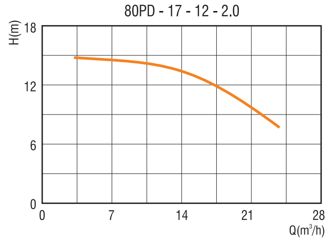
80PD - 29 - 6 - 2.0



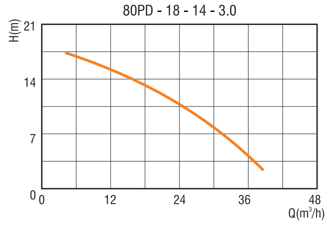
80PD - 36 - 7 - 2.0



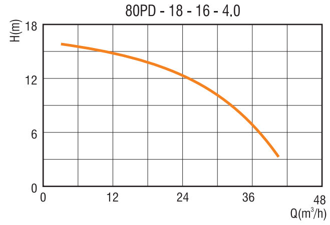
80PD - 17 - 12 - 2.0



80PD - 18 - 14 - 3.0



80PD - 18 - 16 - 4.0



Drainage Pump - PD Series

Performance Chart

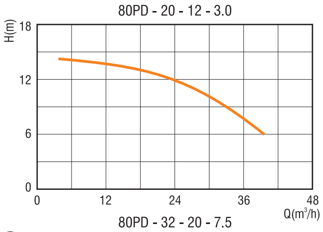
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	$Q(m^3/h)$	10	20	30	40	50	60	70	80	90
33	80PD - 20 -12 - 3.0	3.0 / 2.2	72	Head (m)	14	12	10	6	-	-	-	-	-
34*	80PD - 36 - 10 - 3.0	3.0 / 2.2	72		12	11.5	11	10	9	8	6	-	-
35	80PD - 27 - 16 - 6.0	6.0 / 4.5	72		18	17	15.5	14	12	9	5	-	-
36	80PD - 24 - 22 - 6.0	6.0 / 4.5	72		25	24	20	17	13	-	-	-	-
37	80PD - 32 - 20 - 7.5	7.5 / 5.5	72		23	22	21	19	16.5	13.5	10	6	-
38	80PD - 43 - 25 - 10	10 / 7.5	72		29	28	27	25.5	23.5	21	17.5	13	-
39*	100PD - 27 - 5 - 1.5	1.5 / 1.1	90		6	5.5	5	4	3	-	-	-	-
40*	100PD - 30 - 6 - 2.0	2.0 / 1.5	90		7	6.5	6	5.5	4	2.5	-	-	-
41*	100PD - 40 - 7 - 2.0	2.0 / 1.5	90		-	8	7.5	7	6	4	-	-	-
42	100PD - 20 - 12 - 3.0	3.0 / 2.2	90		13.5	12	11	9.5	7	-	-	-	-
43*	100PD - 40 - 9 - 3.0	3.0 / 2.2	90		-	-	10	9.5	8.5	7	6	4	-
44*	100PD - 45 - 8 - 4.0	4.0 / 3.0	90		-	9.5	9	8.5	8	7	6.5	6	-
45	100PD - 27 - 17 - 6.0	6.0 / 4.5	90		19	18	17	15	13	10.5	7	-	-
S.No	**Model**	**Motor Power HP/kW**	**Max. Particle Size (mm)**	**$Q(m^3/h)$**	**15**	**30**	**45**	**60**	**70**	**90**	**105**	**120**	**135**
46*	100PD - 54 - 10 - 6.0	6.0 / 4.5	90	Head (m)	-	-	11	9.5	8	6.5	4	-	-
47	100PD - 45 - 18 - 7.5	7.5 / 5.5	90		-	-	18	14	10	5	-	-	-
48*	100PD - 60 - 12 - 7.5	7.5 / 5.5	90		15	14	13	12	11	10	8	6	-
49*	100PD - 90 - 14 - 10	10 / 7.5	90		-	17	16.5	16	15	14	12	10	7

* Pump Speed - 1440 rpm

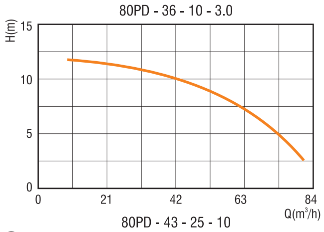
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

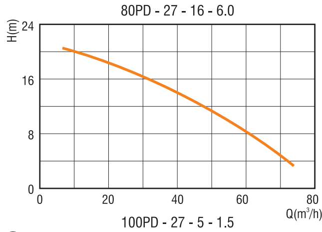
80PD - 20 - 12 - 3.0



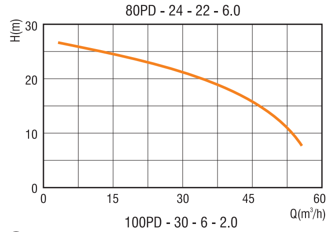
80PD - 36 - 10 - 3.0



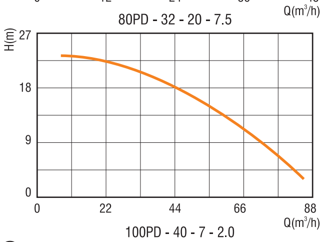
80PD - 27 - 16 - 6.0



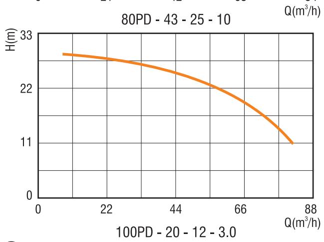
80PD - 24 - 22 - 6.0



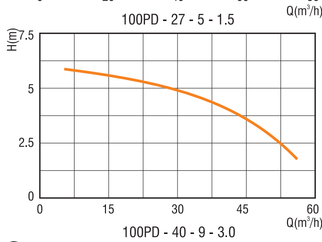
80PD - 32 - 20 - 7.5



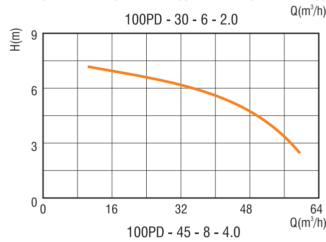
80PD - 43 - 25 - 10



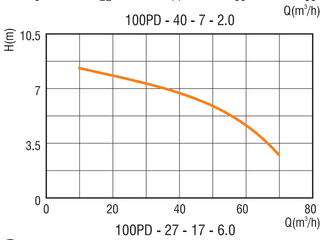
100PD - 27 - 5 - 1.5



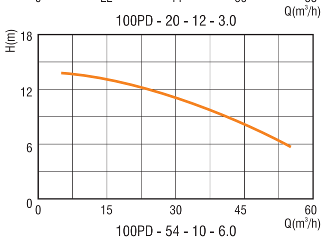
100PD - 30 - 6 - 2.0



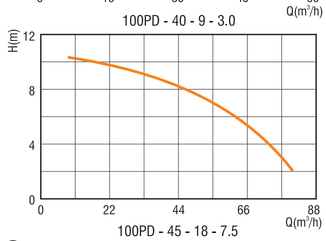
100PD - 40 - 7 - 2.0



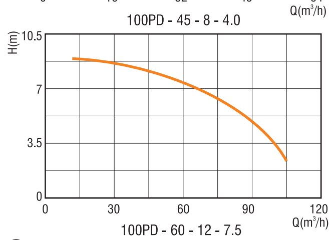
100PD - 20 - 12 - 3.0



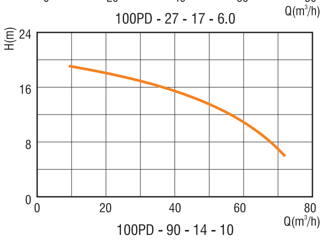
100PD - 40 - 9 - 3.0



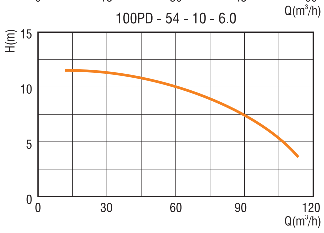
100PD - 45 - 8 - 4.0



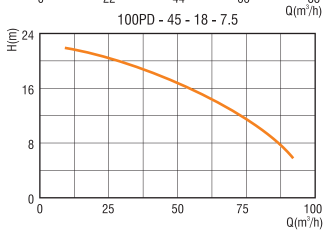
100PD - 27 - 17 - 6.0



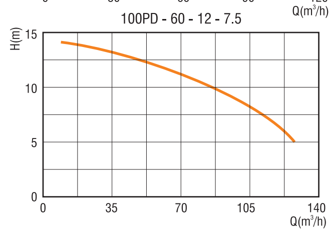
100PD - 54 - 10 - 6.0



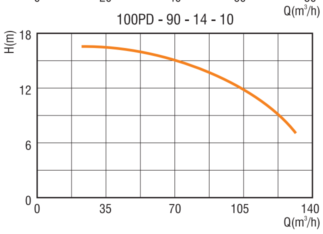
100PD - 45 - 18 - 7.5



100PD - 60 - 12 - 7.5

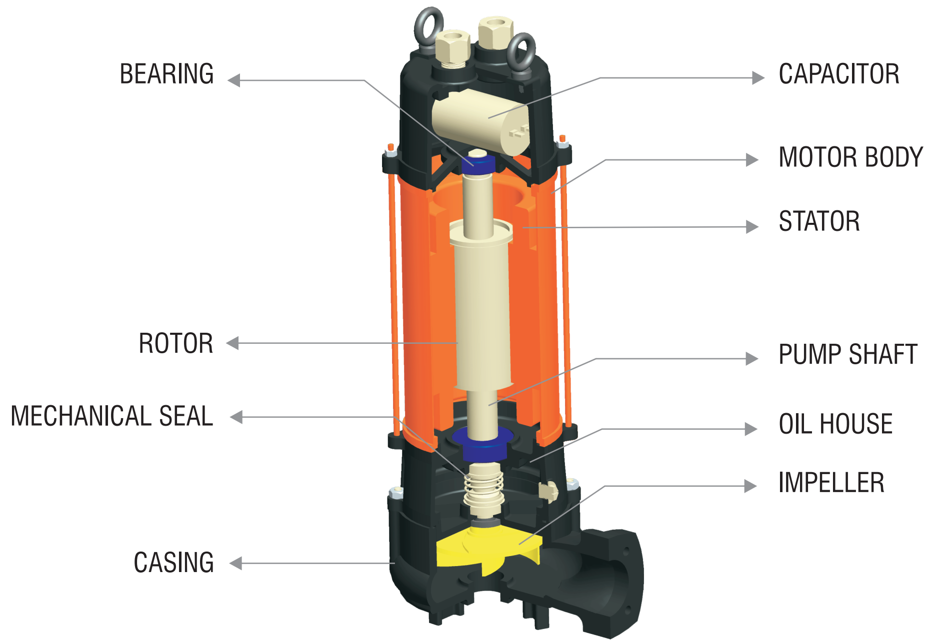


100PD - 90 - 14 - 10

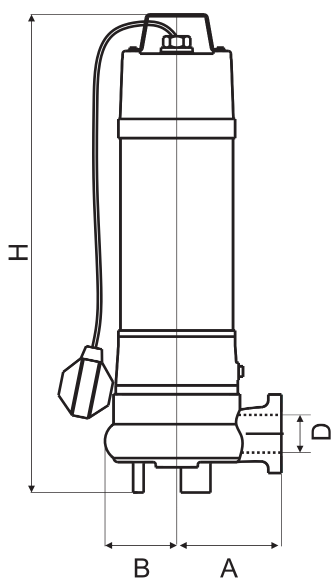


Drainage Pump - PDS Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
40PDS - 10 -10 -1.0	120	83	40	499
40PDS - 10 - 14 - 1.5	120	83	40	524
50PDS - 14 - 7 - 1.0	120	83	50	499
50PDS - 5 -15 -1.5	120	83	50	524
50PDS - 16 -10 -1.5	120	83	50	524
50PDS - 18 - 9 - 1.5	120	83	50	524
50PDS - 12 - 16 - 2.0	120	83	50	549
50PDS - 14 - 12 - 2.0	120	83	50	549
50PDS - 16 -12 - 2.0	120	83	50	549
80PDS - 12 -14 - 2.0	135	110	80	570
80PDS - 12 -17 - 3.0	151	118	80	570
50PDS - 24 - 15 - 3.0	151	118	50	570
65PDS - 35 - 11 - 3.0	151	118	65	570
65PDS - 50 - 10 - 5.0	196	163	65	660
80PDS - 40 - 6 - 3.0	151	118	80	570
80PDS - 40 - 8 - 3.0	151	118	80	570

Model	A	B	D	H
80PDS - 60 - 13 - 5.0	196	163	100	660
80PDS - 80 - 10 - 5.0	196	163	80	660
100PDS - 90 - 9 - 5.0	196	163	100	660
100PDS - 65 - 15 - 7.5	196	163	100	710
100PDS - 120 - 10 - 7.5	196	163	100	710
100PDS - 140 - 8 - 7.5	196	163	100	710
100PDS - 150 - 8 - 10	236	180	100	760
100PDS - 100 - 14 - 10	236	180	100	760
100PDS - 120 - 16 - 12.5	266	180	100	850
150PDS - 120 - 14 - 10	286	220	150	790
150PDS - 150 - 12 - 12.5	286	220	150	880
150PDS - 170 - 15 - 15	286	220	150	980
150PDS - 220 - 8 - 12.5	286	220	150	880
150PDS - 300 - 8 - 15	286	220	150	980

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

Drainage Pump - PDS Series

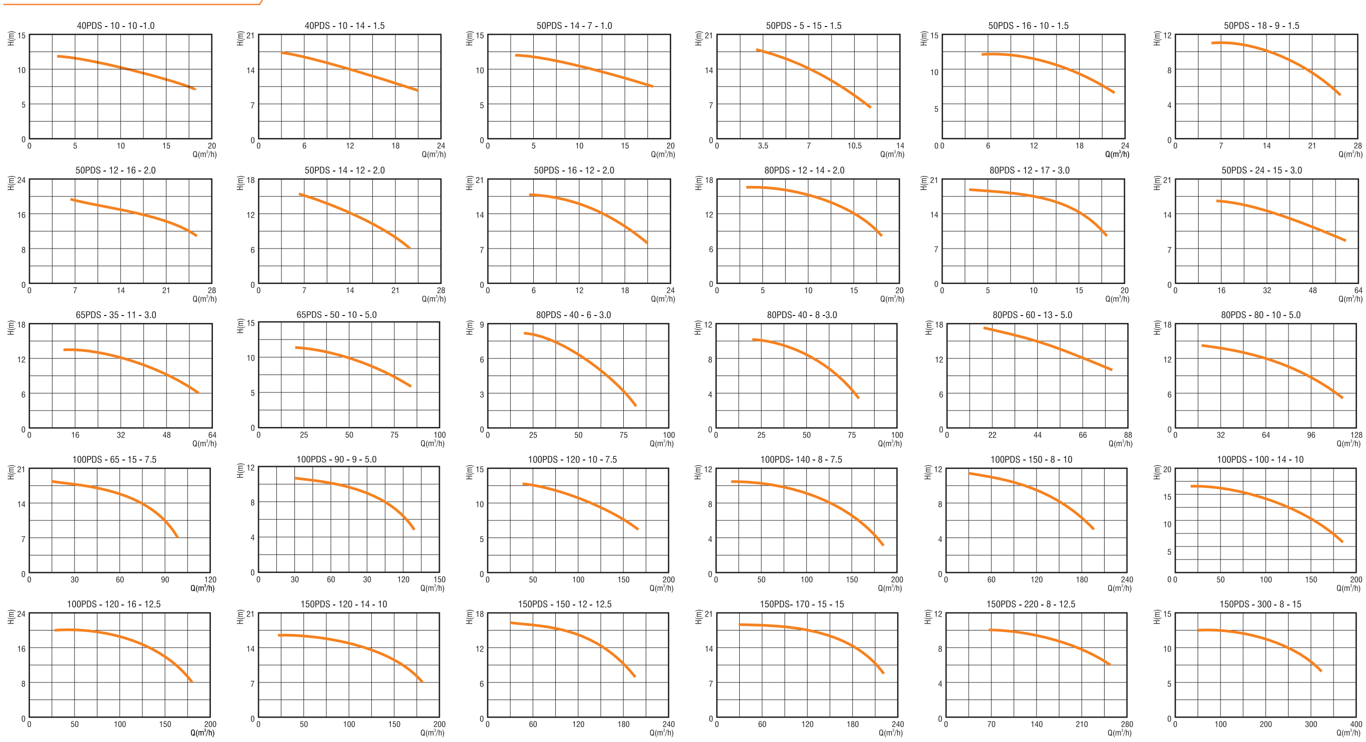
Performance Chart

S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m³/h)	3	6	9	12	15	18	21	24	27		
1	40PDS - 10 - 10 - 1.0	1.0 / 0.7	36	Head (m)	-	12	11	9.5	8.5	7	-	-	-		
2	40PDS - 10 - 14 - 1.5	1.5 / 1.1	36		-	17	15	13	11	9	8	7	-		
3	50PDS - 14 - 7 - 1.0	1.0 / 0.7	45		-	12	11	9.5	6	4.5	-	-	-		
4	50PDS - 5 - 15 - 1.5	1.5 / 1.1	45		18	14	12	6	-	-	-	-	-		
5	50PDS - 16 - 10 - 1.5	1.5 / 1.1	45		-	-	14	13	11	8.5	7	-	-		
6	50PDS - 18 - 9 - 1.5	1.5 / 1.1	45		-	-	13.5	12	10.5	9	7	6	-		
7	50PDS - 12 - 16 - 2.0	2.0 / 1.5	45		-	19.5	18	16	14.5	13	11.5	-	-		
8	50PDS - 14 - 12 - 2.0	2.0 / 1.5	45		-	15	14	13	11.5	10	8	6	-		
9	50PDS - 16 - 12 - 2.0	2.0 / 1.5	45		-	19	17	15	13	11	9	-	-		
10	80PDS - 12 - 14 - 2.0	2.0 / 1.5	72		17	16	15.5	14	11	8	-	-	-		
11	80PDS - 12 - 17 - 3.0	3.0 / 2.2	72		19	18.5	18	17	14.5	10	-	-	-		
S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m³/h)	10	20	30	40	50	60	70	80	90		
12	50PDS - 24 - 15 - 3.0	3.0 / 2.2	45	Head (m)	17	16	14.5	11	8	-	-	-			
13*	65PDS - 35 - 11 - 3.0	3.0 / 2.2	59		-	13.5	12	10	8.5	6	-	-			
14*	65PDS - 50 - 10 - 5.0	5.0 / 3.7	59		-	13	12	11	10	9	7.5	6			
15*	80PDS - 40 - 6 - 3.0	3.0 /2.2	72		-	-	8	7	5.5	4.5	-	-			
16*	80PDS - 40 - 8 - 3.0	3.0 /2.2	72		-	-	9.5	8.5	7.5	6.5	5	-			
17*	80PDS - 60 - 13 - 5.0	5.0 / 3.7	72		-	-	16.5	15.5	14.5	13	12	10			
S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m³/h)	20	40	60	80	100	120	140	160	180		
18*	80PDS - 80 - 10 - 5.0	5.0 / 3.7	72	Head (m)	14	13	12	10	8	5	-	-	-		
19*	100PDS - 90 - 9 - 5.0	5.0 / 3.7	90		-	10.5	10	9.5	8.5	6.5	-	-	-		
20*	100PDS - 65 - 15 - 7.5	7.5 / 5.5	90		18	17	15.5	12.5	7	-	-	-	-		
21*	100PDS - 120 - 10 - 7.5	7.5 / 5.5	90		-	-	-	12.5	11	10	9	7.5	-		
22*	100PDS - 140 - 8 - 7.5	7.5 / 5.5	90		-	-	-	11	10	9	8	6.5	6		
23*	100PDS - 150 - 8 - 7.5	10 / 7.5	90		-	-	-	-	10.5	9	8.5	7	-		
24*	100PDS - 100 - 14 - 10	10 / 7.5	90		-	-	16	15	14	13	11	9	8		
25*	100PDS - 120 - 16 - 12.5	12.5 / 9.3	90		-	-	-	19	18	16	14	11	7		
26*	150PDS - 120 - 14 - 10	10 / 7.5	135		-	-	17	16	15	14	12	10	9		
S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m³/h)	30	60	90	120	150	180	210	240	270	300	330
27*	150PDS - 150 - 12 - 12.5	12.5 / 9.3	135	Head (m)	17	16	15	14	12	9	-	-	-	-	-
28*	150PDS - 170 - 15 - 15	15 / 11	135		-	-	18	17	16	14	10.5	-	-	-	-
29*	150PDS - 220 - 8 - 12.5	12.5 / 9.3	135		-	-	-	12	10.5	9	8.5	6.5	-	-	-
30*	150PDS - 300 - 8 - 15	15 / 11	135		-	-	-	-	-	-	11	10	9	8	7

* Pump Speed - 1440 rpm

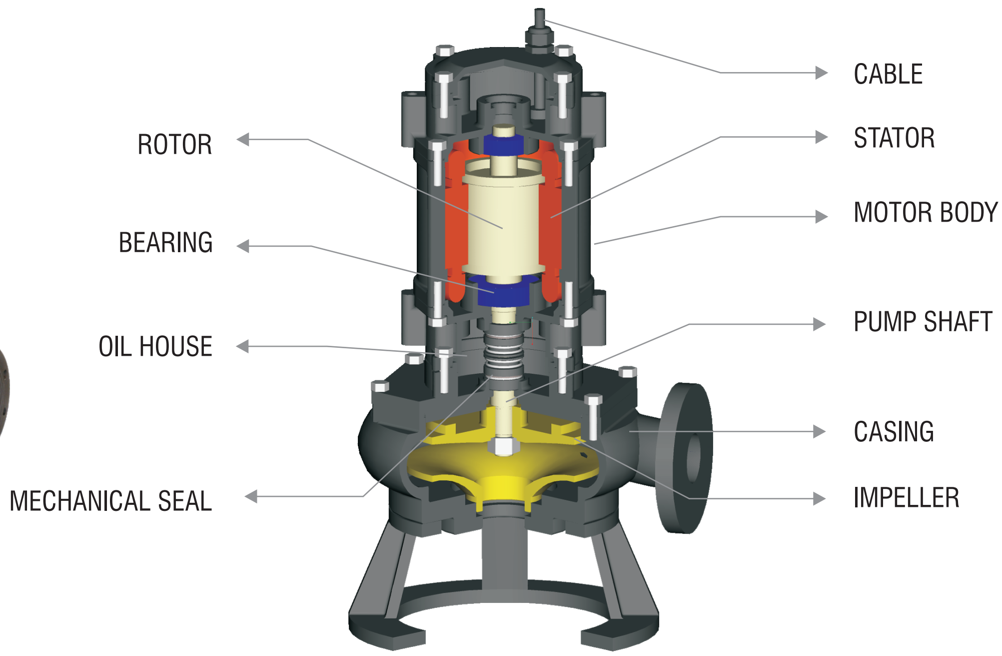
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

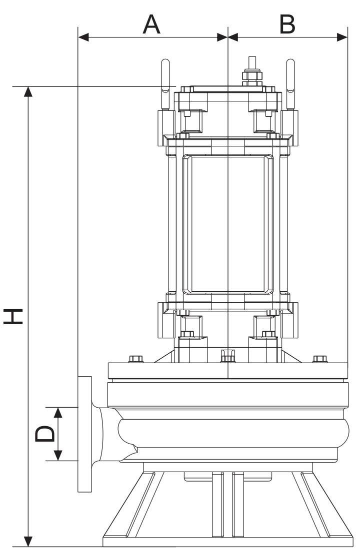


Sewage Pump - PS Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
32PS - 7 - 14 - 1.0	212	103	32	575
32PS - 8 - 12 - 1.0	212	103	32	575
40PS - 10 - 10 - 1.0	212	103	40	575
40PS - 12 - 8 - 1.0	212	103	40	575
50PS - 14 - 7 - 1.0	212	103	50	575
40PS - 10 - 14 - 1.5	212	103	40	640
40PS - 12 - 12 - 1.5	212	103	40	640
50PS - 14 - 10 - 1.5	212	103	50	640
50PS - 16 - 9 - 1.5	212	103	50	640
50PS - 8 - 18 - 1.5	212	103	50	640
50PS - 12 - 16 - 2.0	212	103	50	640
50PS - 14 - 14 - 2.0	212	103	50	640
50PS - 16 - 12 - 2.0	212	103	50	640
50PS - 11 - 18 - 2.0	212	103	50	640
50PS - 15 - 20 - 3.0	212	103	50	570
50PS - 25 - 15 - 3.0	212	103	50	570
50PS - 42 - 9 - 3.0	212	103	50	570
65PS - 25 - 15 - 3.0	245	163	65	570
80PS - 50 - 8 - 3.0	279	177	80	570
80PS - 40 - 7 - 3.0	279	177	80	570
50PS - 17 - 25 - 4.0	238	123	50	570
65PS - 37 - 13 - 4.0	245	163	65	570
80PS - 43 - 13 - 4.0	279	177	80	570
80PS - 50 - 10 - 4.0	279	177	80	570
50PS - 24 - 20 - 5.0	238	123	50	660
50PS - 40 - 15 - 5.0	238	123	50	660
50PS - 15 - 40 - 7.5	193	203	50	740
50PS - 25 - 32 - 7.5	193	203	50	740
50PS - 25 - 38 - 10.0	193	203	50	740
65PS - 25 - 28 - 5.0	274	202	65	660

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

Model	A	B	D	H
80PS - 40 - 15 - 5.0	279	177	80	660
80PS - 60 - 13 - 5.0	279	177	80	660
80PS - 50 - 25 - 10.0	300	195	80	740
100PS - 80 - 7 - 4.0	250	186	100	570
100PS - 100 - 5 - 4.0	250	186	100	570
100PS - 80 - 9 - 5.0	250	186	100	660
100PS - 100 - 7 - 5.0	250	186	100	660
100PS - 65 - 15 - 7.5	292	194	100	740
100PS - 110 - 10 - 7.5	292	194	100	740
100PS - 80 - 20 - 10.0	292	194	100	740
100PS - 100 - 15 - 10.0	292	194	100	740
100PS - 80 - 22 - 12.5	266	175	100	890
100PS - 100 - 16 - 12.5	266	175	100	890
100PS - 50 - 35 - 15.0	266	175	100	890
100PS - 70 - 30 - 15.0	266	175	100	890
150PS - 110 - 15 - 10.0	286	227	150	765
150PS - 145 - 9 - 10.0	286	227	150	765
150PS - 210 - 7 - 10.0	286	227	150	765
150PS - 110 - 16 - 12.5	286	227	150	890
150PS - 150 - 9 - 12.5	286	227	150	890
150PS - 220 - 7 - 12.5	286	227	150	890
150PS - 170 - 15 - 15	286	227	150	1040
200PS - 300 - 7 - 15	340	279	200	1200
200PS - 300 - 10 - 20	340	279	200	1200
200PS - 300 - 13 - 25	340	279	200	1260
200PS - 300 - 15 - 30	340	279	200	1260
250PS - 400 - 7 - 20	370	293	250	1240
250PS - 400 - 10 - 25	370	293	250	1280
250PS - 400 - 13 - 30	370	293	250	1280
300PS - 600 - 6 - 25	370	350	300	1300
300PS - 600 - 7 - 30	370	350	300	1300

Sewage Pump - PS Series

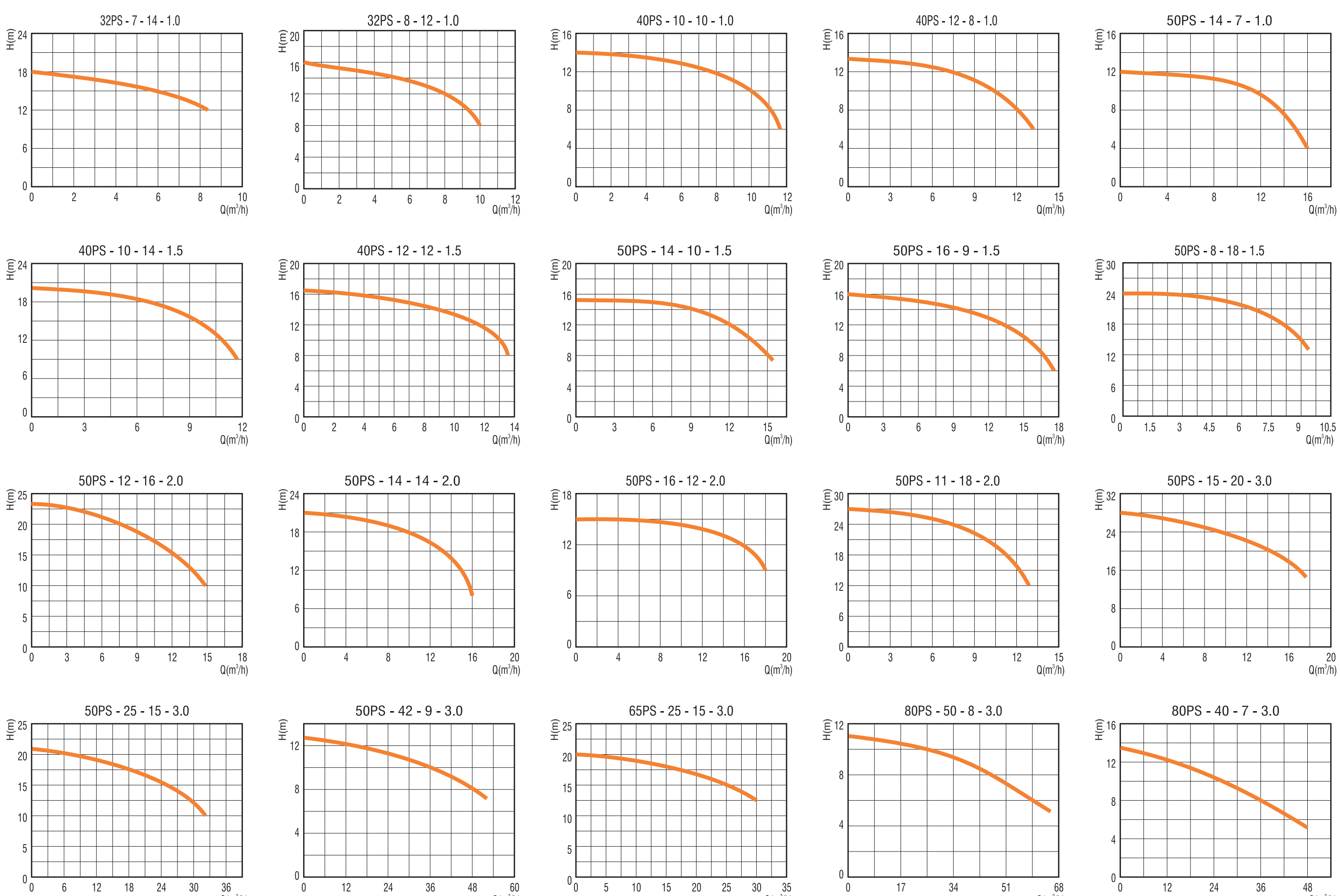
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	2	4	6	8	10	12	14	16
1	32PS - 7 - 14 - 1.0	1.0 / 0.7	29	Head (m)	17	16	15	12.5	-	-	-	-
2	32PS - 8 - 12 - 1.0	1.0 / 0.7	29		15	14.5	13.5	12	8	-	-	-
3	40PS - 10 - 10 - 1.0	1.0 / 0.7	36		13.8	13.6	12.5	12	10	-	-	-
4	40PS - 12 - 8 - 1.0	1.0 / 0.7	36		-	12.5	12	11.6	10.5	8	-	-
5	50PS - 14 - 7 - 1.0	1.0 / 0.7	45		-	-	11.8	11.4	10.8	9.5	7	4
6	40PS - 10 - 14 - 1.5	1.5 / 1.1	36		20	19	18	17	14	-	-	-
7	40PS - 12 - 12 - 1.5	1.5 / 1.1	36		-	16	15	14.5	14	12	-	-
8	50PS - 14 - 10 - 1.5	1.5 / 1.1	45		-	14.5	13.8	13	12.5	12	10	-
9	50PS - 16 - 9 - 1.5	1.5 / 1.1	45		-	-	15	14.5	14	13.5	11.5	9
10	50PS - 8 - 18 - 1.5	1.5 / 1.1	45		24	23	22	18	-	-	-	-
11	50PS - 12 - 16 - 2.0	2.0 / 1.5	45		-	-	21	20	18	16	12	-
12	50PS - 14 - 14 - 2.0	2.0 / 1.5	45		-	-	-	19	18	17	14	7.5
13	50PS - 16 - 12 - 2.0	2.0 / 1.5	45		-	-	15	14	13.8	13.4	13	12
14	50PS - 11 - 18 - 2.0	2.0 / 1.5	45		27	26	25	23	20	14	-	-
15	50PS - 15 - 20 - 3.0	3.0 / 2.2	45		-	-	26	25	24	23	21	18
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	7	14	21	28	35	42	49	56
16	50PS - 25 - 15 - 3.0	3.0 / 2.2	45	Head (m)	19.5	18	16	14	-	-	-	-
17*	50PS - 42 - 9 - 3.0	3.0 / 2.2	45		-	12	11	10.5	10	9	7.5	-
18	65PS - 25 - 15 - 3.0	3.0 / 2.2	59		19	18	16	13.5	-	-	-	-
19*	80PS - 50 - 8 - 3.0	3.0 / 2.2	72		-	11	10.5	10	9.5	9	8	7
20*	80PS - 40 - 7 - 3.0	3.0 / 2.2	72		-	12	11	9	8	6	-	-

* Pump Speed - 1440 rpm

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage Pump - PS Series

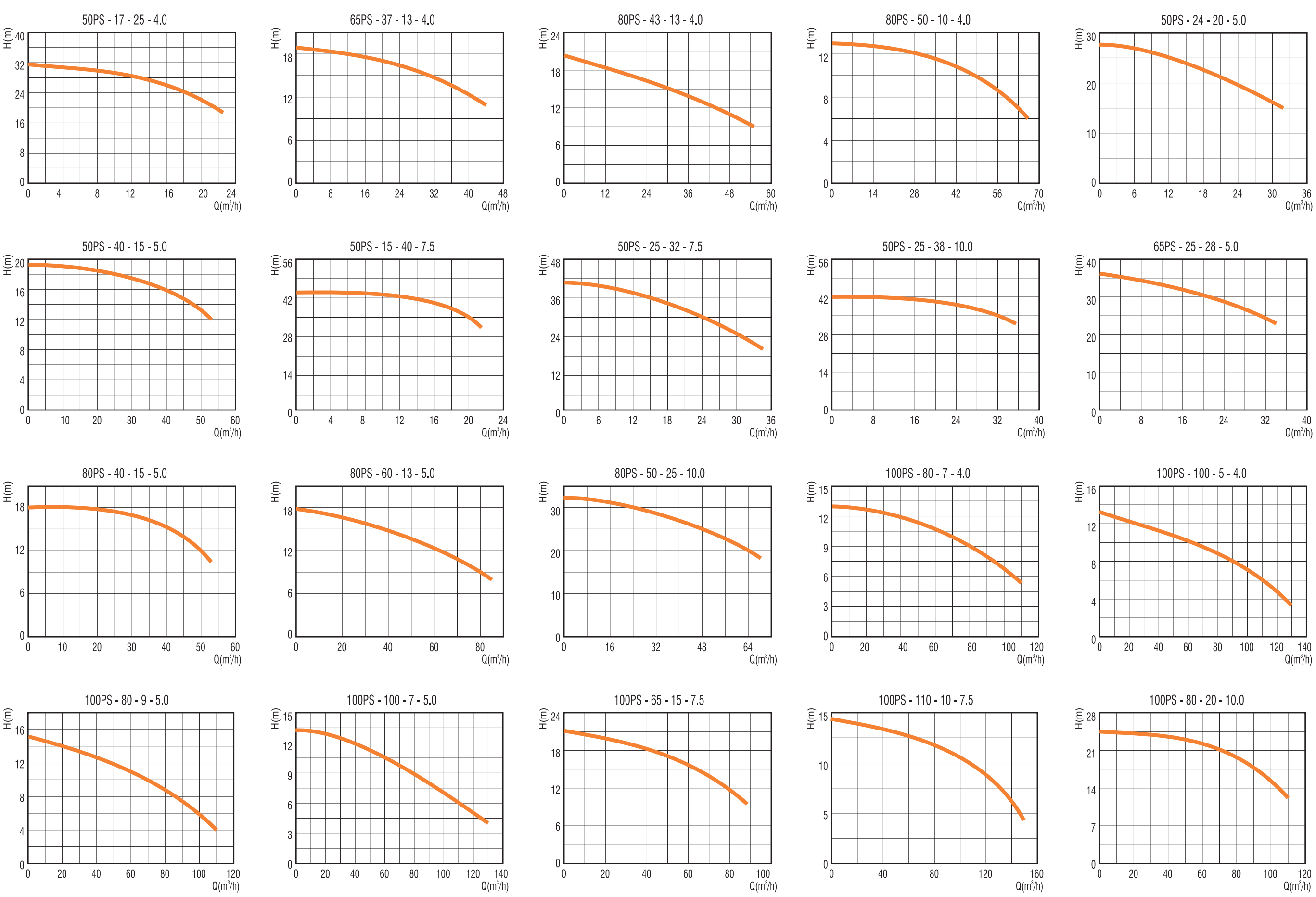
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	7	14	21	28	35	42	49	56
21	50PS - 17 - 25 - 4.0	4.0 / 3.0	45	Head (m)	30	27	20	-	-	-	-	-
22*	65PS - 37 - 13 - 4.0	4.0 / 3.0	59		18.5	18	16.5	15	13.8	11.5	-	-
23*	80PS - 43 - 13 - 4.0	4.0 / 3.0	72		-	18	17	16	15	13.5	11	-
24*	80PS - 50 - 10 - 4.0	4.0 / 3.0	72		-	-	12.5	12	11.5	11	10.4	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	5	10	15	20	25	30	35	40
25	50PS - 24 - 20 - 5.0	5.0 / 3.7	45	Head (m)	26	25	24	22	20	16	-	-
26*	50PS - 40 - 15 - 5.0	5.0 / 3.7	45		-	-	18	17.5	17	16.5	16	15
27	50PS - 15 - 40 - 7.5	7.5 / 5.5	45		44	43	40	34	32	27	20	-
28	50PS - 25 - 32 - 7.5	7.5 / 5.5	45		40	38	36	35	32	27	-	-
29	50PS - 25 - 38 - 10.0	10.0 / 7.5	45		43	42	41	40	38	35	32	-
30*	65PS - 25 - 28 - 5.0	5.0 / 3.7	59		35	33	32	30	28	25	-	-
31*	80PS - 40 - 15 - 5.0	5.0 / 3.7	72		-	-	-	18	17.5	17	16	15
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	15	30	45	60	75	90	105	120
32*	80PS - 60 - 13 - 5.0	5.0 / 3.7	72	Head (m)	17	16	14.5	13	9.5	-	-	-
33*	80PS - 50 - 25 - 10.0	10.0 / 7.5	72		31	29	26	22	-	-	-	-
34*	100PS - 80 - 7 - 4.0	4.0 / 3.0	90		-	12.5	11.5	10.5	9.5	7	-	-
35*	100PS - 100 - 5 - 4.0	4.0 / 3.0	90		-	12	11	10	9.5	8	5	-
36*	100PS - 80 - 9 - 5.0	5.0 / 3.7	90		-	13	12	11	9.5	7	-	-
37*	100PS - 100 - 7 - 5.0	5.0 / 3.7	90		-	12	11	10	9	8	6.5	-
38*	100PS - 65 - 15 - 7.5	7.5 / 5.5	90		20	19	18	16	12.5	-	-	-
39*	100PS - 110 - 10 - 7.5	7.5 / 5.5	90		-	-	13	12.5	12	11.5	10.5	9
40*	100PS - 80 - 20 - 10.0	10.0 / 7.5	90		-	24	23	22	21	18	14	-

* Pump Speed - 1440 rpm

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage Pump - PS Series

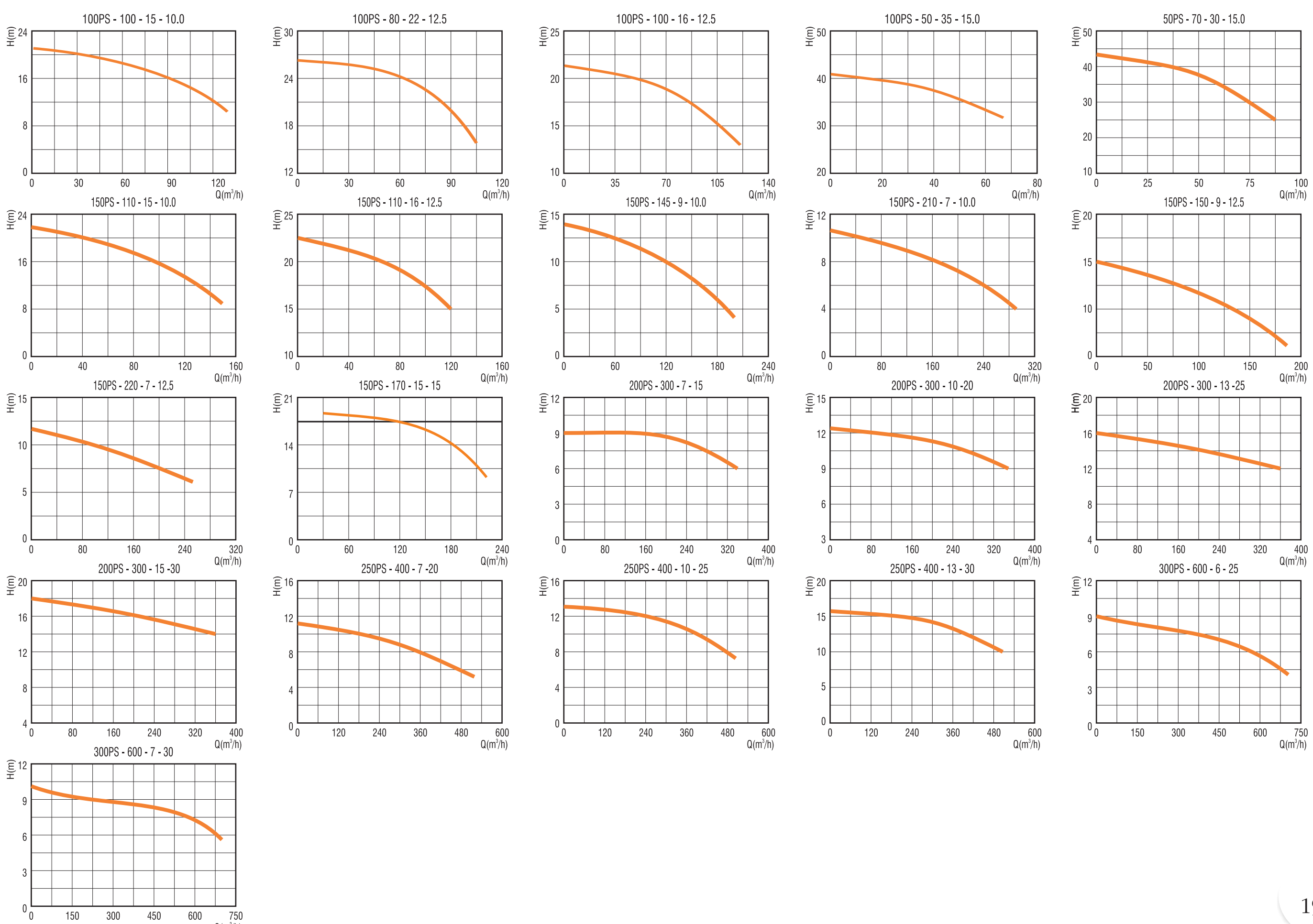
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	15	30	45	60	75	90	105	120
41*	100PS - 100 - 15 - 10.0	10.0 / 7.5	90	Head (m)	-	20	19	18.5	18	16	14	11.5
42*	100PS - 80 - 22 - 12.5	12.5 / 9.3	90		-	25.5	25	24	22.5	20	16	-
43*	100PS - 100 - 16 - 12.5	12.5 / 9.3	90		-	21	20.5	20	19	17.5	15.5	13
44	100PS - 50 - 35 - 15.0	15.0 / 11	90		40	39	36.5	33	-	-	-	-
45	100PS - 70 - 30 - 15.0	15.0 / 11	90		41	39	36	34	29	-	-	-
46*	150PS - 110 - 15 - 10.0	10.0 / 7.5	135		-	-	20	19	18	17	16	14
47*	150PS - 110 - 16 - 12.5	12.5 / 9.3	135		-	-	21	20.5	19.5	18.5	17	15.5
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	30	60	90	120	150	180	210	240
48*	150PS - 145 - 9 - 10.0	10.0 / 7.5	135	Head (m)	13.5	12.5	11.5	10	8	6	-	-
49*	150PS - 210 - 7 - 10.0	10.0 / 7.5	135		-	-	9.5	9	8	7.5	7	6
50*	150PS - 150 - 9 - 12.5	12.5 / 9.3	135		14	13	12	11	9	6.5	-	-
51*	150PS - 220 - 7 - 12.5	12.5 / 9.3	135		-	-	10	9.5	9	8	7.5	6.5
52*	150PS - 170 - 15 - 15	15 / 11	135		-	-	18	17	16	14	10.5	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	50	100	150	200	250	300	350	400
53*	200PS - 300 - 7 - 15	15 / 11	180	Head (m)	9.2	9	8.8	8.5	8	7	6	-
54*	200PS - 300 - 10 - 20	20 / 15	180		12	11.8	11.5	11.2	10.6	10	9.2	-
55*	200PS - 300 - 13 - 25	25 / 18.5	180		15.5	15	14.5	14	13.5	13	12	-
56*	200PS - 300 - 15 - 30	30 / 22	180		17.5	17	16.5	16	15.5	15	14.5	
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	100	200	300	400	500	600	700	800
57*	250PS - 400 - 7 - 20	20 / 15	225	Head (m)	10.5	9.8	8.7	7	5	-	-	-
58*	250PS - 400 - 10 - 25	25 / 18.5	225		12.5	12	11.5	10	7	-	-	-
59*	250PS - 400 - 13 - 30	30 / 22	225		15.2	14.8	14.5	13	9.5	-	-	-
60*	300PS - 600 - 6 - 25	25 / 18.5	270		8.8	8.2	7.7	7.2	6.7	6	4	-
61*	300PS - 600 - 7 - 30	30 / 22	270		9.6	9.2	8.8	8.4	7.8	7	5	-

* Pump Speed - 1440 rpm

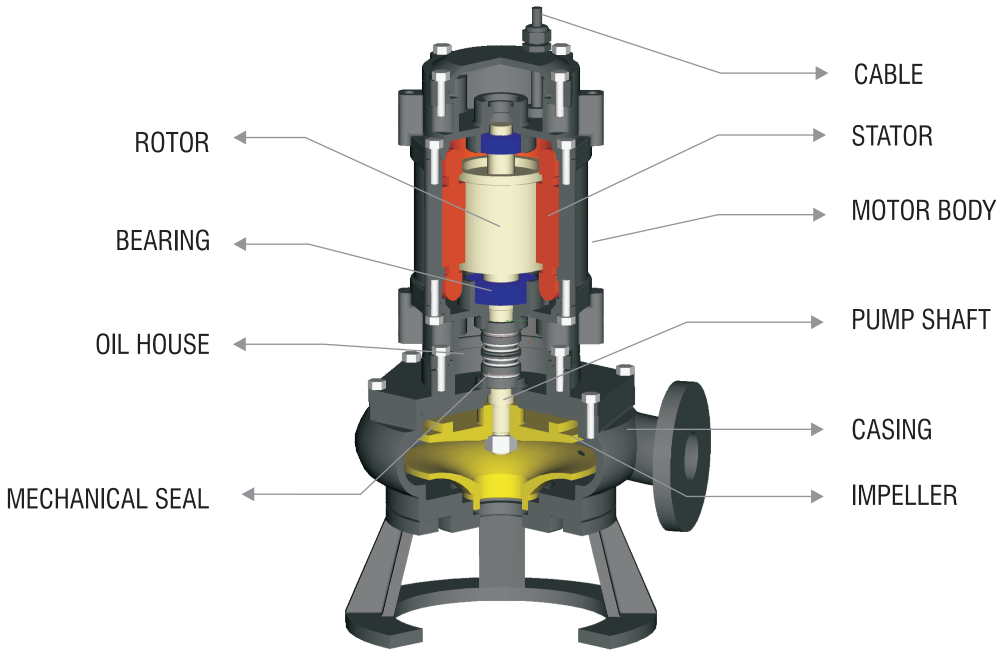
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

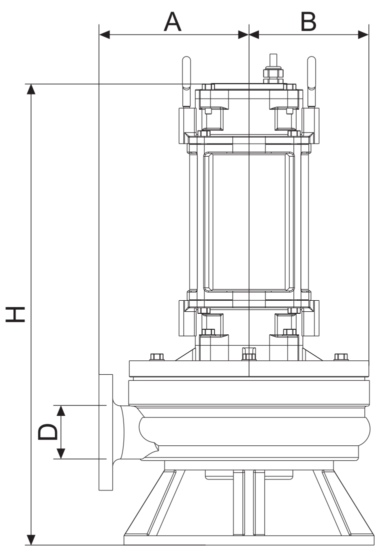


Sewage Pump - PSS Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
100PSS - 80 - 6 - 4.0	250	186	100	570
100PSS - 80 - 7 - 5.0	250	186	100	660
100PSS - 80 - 9 - 6.0	250	186	100	660
100PSS - 80 - 10 - 7.5	292	194	100	740
100PSS - 80 - 12 - 7.5	292	194	100	740
150PSS - 160 - 7 - 7.5	286	227	150	765
150PSS - 160 - 8 - 7.5	286	227	150	765
150PSS - 160 - 9 - 10	286	227	150	765
150PSS - 160 - 11 - 10	286	227	150	765
150PSS - 160 - 13 - 15	286	277	150	1005
150PSS - 160 - 15 - 15	286	277	150	1005
200PSS - 320 - 20 - 40	440	343	200	1810
200PSS - 300 - 25 - 50	440	343	200	1810
250PSS - 500 - 10 - 40	477	362	250	1925
250PSS - 500 - 14 - 50	477	362	250	1925
300PSS - 700 - 10 - 40	437	411	300	1680
300PSS - 700 - 12 - 50	437	411	300	1680

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

Sewage Pump - PSS Series

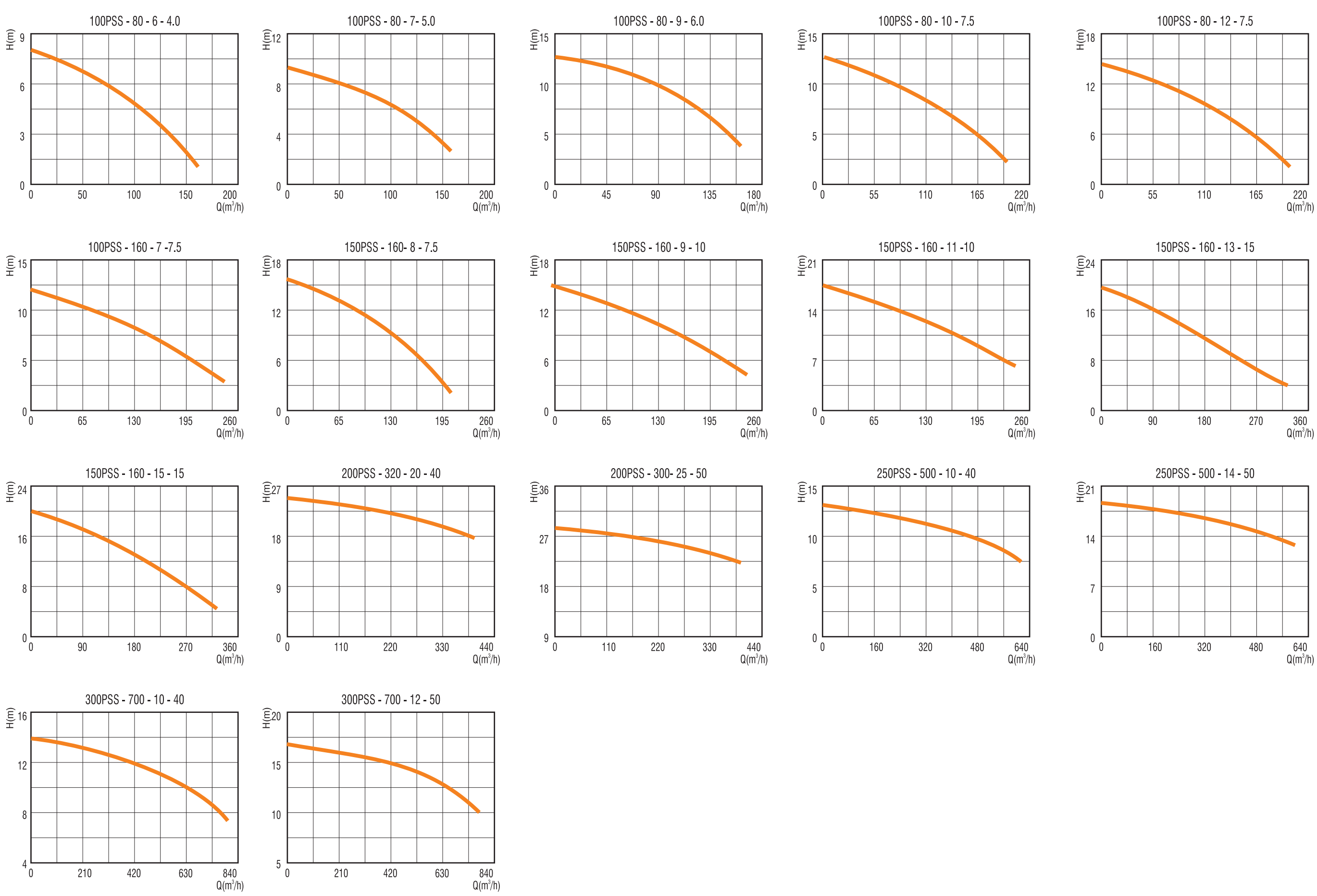
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	40	80	120	160	200	-	-	-
1*	100PSS-80-6-4.0	4.0 / 3.0	90	Head (m)	7	6	4	-	-	-	-	-
2*	100PSS-80-7-5.0	5.0 / 3.7	90		9	7.5	5.5	2.5	-	-	-	-
3*	100PSS-80-9-6.0	6.0 / 4.5	90		11	9	7	3.5	-	-	-	-
4*	100PSS-80-10-7.5	7.5 / 5.5	90		11.5	10	8	5.5	2	-	-	-
5*	100PSS-80-12-7.5	7.5 / 5.5	90		13.5	12	10	7	2	-	-	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	80	160	240	320	400	-	-	-
6*	150PSS-160-7-7.5	7.5 / 5.5	135	Head (m)	10	7	3	-	-	-	-	-
7*	150PSS-160-8-7.5	7.5 / 5.5	135		11.5	8	3.5	-	-	-	-	-
8*	150PSS-160-9-10	10 / 7.5	135		13	9	4	-	-	-	-	-
9*	150PSS-160-11-10	10 / 7.5	135		15	11	6	-	-	-	-	-
10*	150PSS-160-13-15	15 / 11	135		17	13	8.5	4	-	-	-	-
11*	150PSS-160-15-15	15 / 11	135		18	15	10.5	5	-	-	-	-
12*	200PSS-320-20-40	40 / 30	180		24	23	21.5	20	17.5	-	-	-
13*	200PSS-300-25-50	50 / 37	180		28	27	26	24.5	2	-	-	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	100	200	300	400	500	600	700	800
14*	250PSS-500-10-40	40 / 30	225	Head (m)	12.5	12	11.5	11	10	8	-	-
15*	250PSS-500-14-50	50 / 37	225		18.5	18	17	15.5	14	12	-	-
16*	300PSS-700-10-40	40 / 30	270		14	13.8	13.5	13	12.2	11.2	10	9
17*	300PSS-700-12-50	50 / 37	270		16.7	16.5	16.2	15.8	15.2	14	12	10

* Pump Speed - 960 rpm

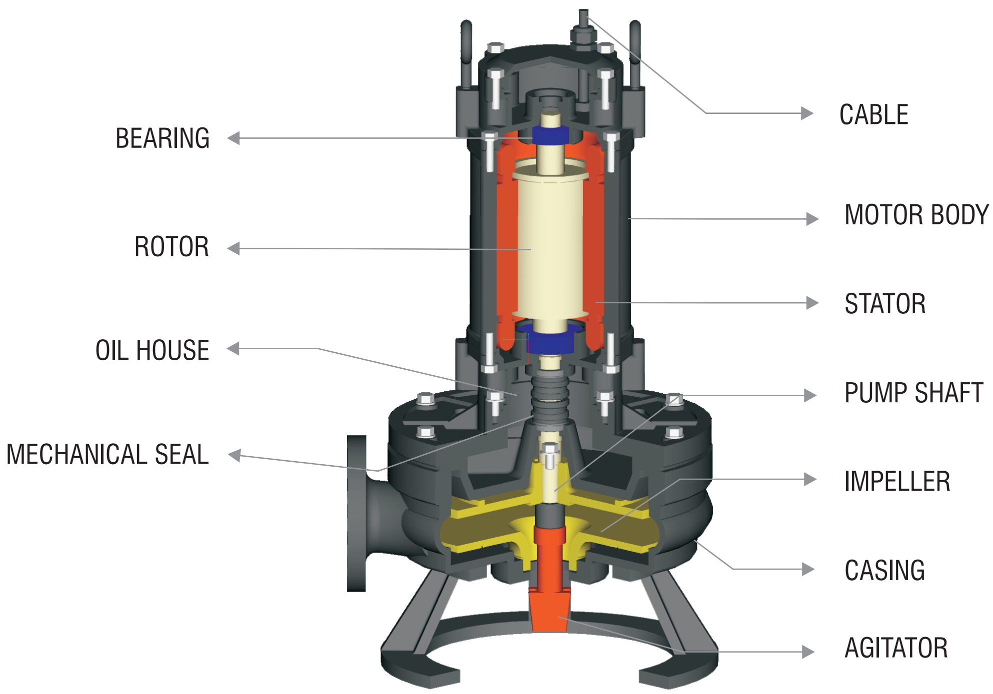
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

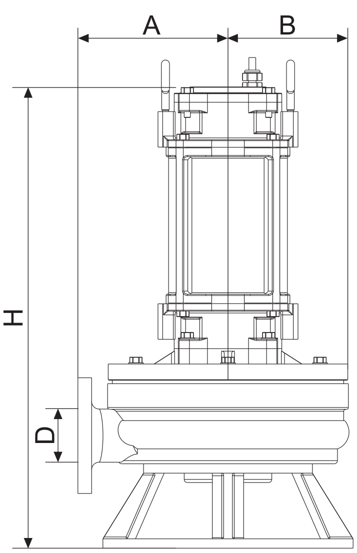


Sewage - Agitator Slurry Pump - PA Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
32PA - 7 - 14 - 1.0	212	103	32	575
32PA - 8 - 12 - 1.0	212	103	32	575
40PA - 10 - 10 - 1.0	212	103	40	575
40PA - 12 - 8 - 1.0	212	103	40	575
50PA - 14 - 7 - 1.0	212	103	50	575
40PA - 10 - 14 - 1.5	212	103	40	640
40PA - 12 - 12 - 1.5	212	103	40	640
50PA - 14 - 10 - 1.5	212	103	50	640
50PA - 16 - 9 - 1.5	212	103	50	640
50PA - 8 - 18 - 1.5	212	103	50	640
50PA - 12 - 16 - 2.0	212	103	50	640
50PA - 14 - 14 - 2.0	212	103	50	640
50PA - 16 - 12 - 2.0	212	103	50	640
50PA - 11 - 18 - 2.0	212	103	50	640
50PA - 15 - 20 - 3.0	212	103	50	570
50PA - 25 - 15 - 3.0	212	103	50	570
50PA - 42 - 9 - 3.0	212	103	50	570
65PA - 25 - 15 - 3.0	245	163	65	570
80PA - 50 - 8 - 3.0	279	177	80	570
80PA - 40 - 7 - 3.0	279	177	80	570
50PA - 17 - 25 - 4.0	238	123	50	570
65PA - 37 - 13 - 4.0	245	163	65	570
80PA - 43 - 13 - 4.0	279	177	80	570
80PA - 50 - 10 - 4.0	279	177	80	570
50PA - 24 - 20 - 5.0	238	123	50	660
50PA - 40 - 15 - 5.0	238	123	50	660

Model	A	B	D	H
50PA - 15 - 40 - 7.5	193	203	50	740
50PA - 25 - 32 - 7.5	193	203	50	740
50PA - 25 - 38 - 10.0	193	203	50	740
65PA - 25 - 28 -5.0	274	202	65	660
80PA - 40 - 15 - 5.0	279	177	80	660
80PA - 60 - 13 - 5.0	279	177	80	660
80PA - 50 - 25 - 10.0	300	195	80	740
100PA - 80 - 7 - 4.0	250	186	100	570
100PA - 100 - 5 - 4.0	250	186	100	570
100PA - 80 - 9 - 5.0	250	186	100	660
100PA - 100 - 7 - 5.0	250	186	100	660
100PA - 65 - 15 - 7.5	292	194	100	740
100PA - 110 - 10 - 7.5	292	194	100	740
100PA - 80 - 20 - 10.0	292	194	100	740
100PA - 100 - 15 - 10.0	292	194	100	740
100PA - 80 - 22 - 12.5	266	175	100	890
100PA - 100 - 16 - 12.5	266	175	100	890
100PA - 50 - 35 - 15.0	266	175	100	890
100PA - 70 - 30 - 15.0	266	175	100	890
150PA - 110 - 15 - 10.0	286	227	150	765
150PA - 145 - 9 - 10.0	286	227	150	765
150PA - 210 - 7 - 10.0	286	227	150	765
150PA - 110 - 16 - 12.5	286	227	150	890
150PA - 150 - 9 - 12.5	286	227	150	890
150PA - 220 - 7 - 12.5	286	227	150	890
150PA - 170 - 15 - 15	286	227	150	1040

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

Note : Agitator extension 50mm from the base.

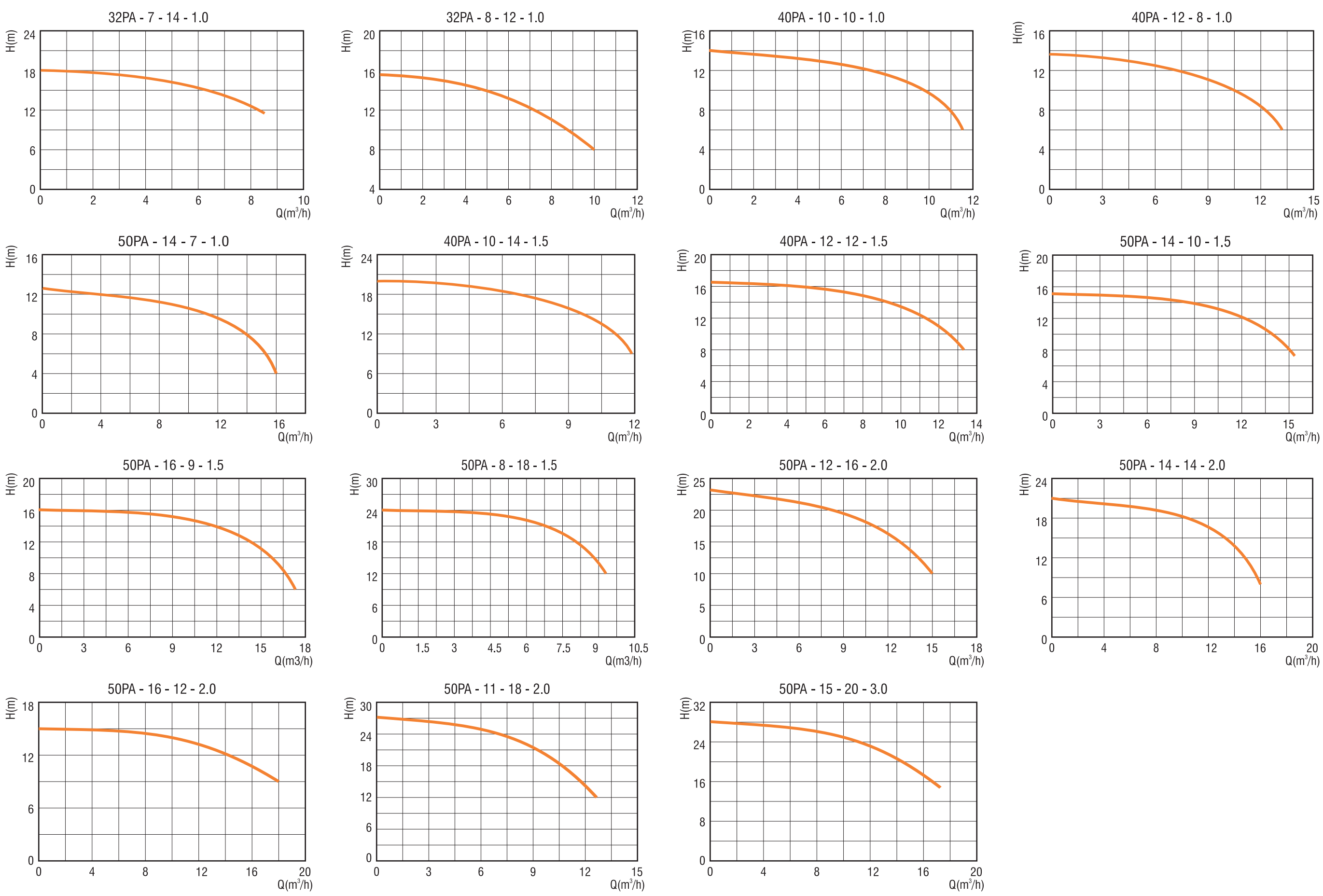
Sewage - Agitator Slurry Pump - PA Series

Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	2	4	6	8	10	12	14	16
1	32PA - 7 - 14 - 1.0	1.0 / 0.7	29	Head (m)	17	16	15	12.5	-	-	-	-
2	32PA - 8 - 12 - 1.0	1.0 / 0.7	29		15	14.5	13.5	12	8	-	-	-
3	40PA - 10 - 10 - 1.0	1.0 / 0.7	36		13.8	13.6	12.5	12	10	-	-	-
4	40PA - 12 - 8 - 1.0	1.0 / 0.7	36		-	12.5	12	11.6	10.5	8	-	-
5	50PA - 14 - 7 - 1.0	1.0 / 0.7	45		-	-	11.8	11.4	10.8	9.5	7	4
6	40PA - 10 - 14 - 1.5	1.5 / 1.1	36		20	19	18	17	14	-	-	-
7	40PA - 12 - 12 - 1.5	1.5 / 1.1	36		-	16	15	14.5	14	12	-	-
8	50PA - 14 - 10 - 1.5	1.5 / 1.1	45		-	14.5	13.8	13	12.5	12	10	-
9	50PA - 16 - 9 - 1.5	1.5 / 1.1	45		-	-	15	14.5	14	13.5	11.5	9
10	50PA - 8 - 18 - 1.5	1.5 / 1.1	45		24	23	22	18	-	-	-	-
11	50PA - 12 - 16 - 2.0	2.0 / 1.5	45		-	-	21	20	18	16	12	-
12	50PA - 14 - 14 - 2.0	2.0 / 1.5	45		-	-	-	19	18	17	14	7.5
13	50PA - 16 - 12 - 2.0	2.0 / 1.5	45		-	-	15	14	13.8	13.4	13	12
14	50PA - 11 - 18 - 2.0	2.0 / 1.5	45		27	26	25	23	20	14	-	-
15	50PA - 15 -20 -3.0	3.0 / 2.2	45		-	-	26	25	24	23	21	18

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Agitator Slurry Pump - PA Series

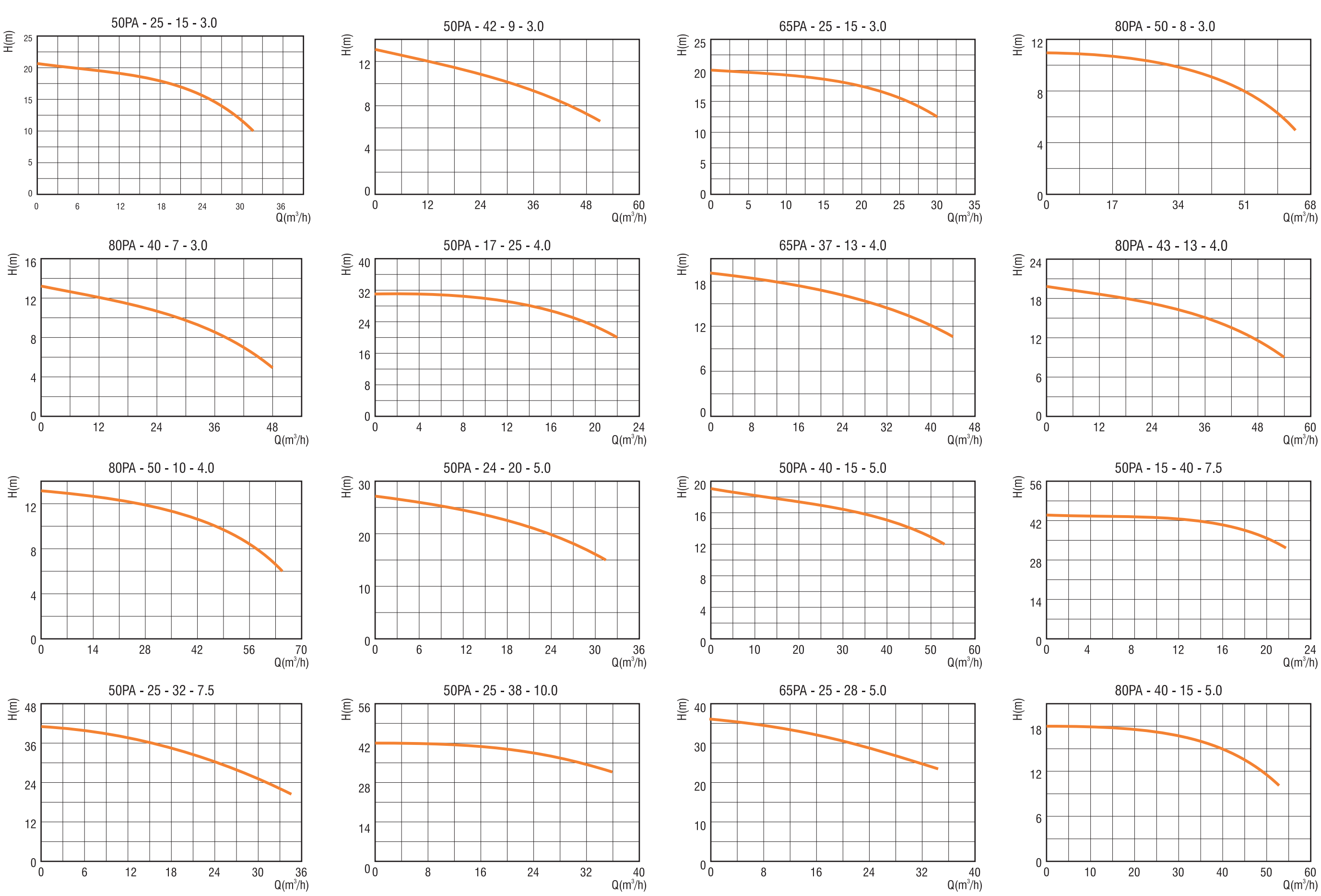
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	7	14	21	28	35	42	49	56
16	50PA - 25 - 15 - 3.0	3.0 / 2.2	45	Head (m)	19.5	18	16	14	-	-	-	-
17*	50PA - 42 - 9 - 3.0	3.0 / 2.2	45		-	12	11	10.5	10	9	7.5	-
18	65PA - 25 - 15 - 3.0	3.0 / 2.2	59		19	18	16	13.5	-	-	-	-
19*	80PA - 50 - 8 - 3.0	3.0 / 2.2	72		11	10.8	10.5	10	9.5	9	8	7
20*	80PA - 40 - 7 - 3.0	3.0 / 2.2	72		-	12	11	9	8	6	-	-
21	50PA - 17 - 25 - 4.0	4.0 / 3.0	45		30	27	20	-	-	-	-	-
22*	65PA - 37 - 13 - 4.0	4.0 / 3.0	59		18.5	18	16.5	15	13.8	11.5	-	-
23*	80PA - 43 - 13 - 4.0	4.0 / 3.0	72		-	18	17	16	15	13.5	11	-
24*	80PA - 50 - 10 - 4.0	4.0 / 3.0	72		-	-	12.5	12	11.5	11	10.4	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	5	10	15	20	25	30	35	40
25	50PA - 24 - 20 - 5.0	5.0 / 3.7	45	Head (m)	26	25	24	22	20	16	-	-
26*	50PA - 40 - 15 - 5.0	5.0 / 3.7	45		-	-	18	17.5	17	16.5	16	15
27	50PA - 15 - 40 - 7.5	7.5 / 5.5	45		44	43	40	34	32	27	20	-
28	50PA - 25 - 32 - 7.5	7.5 / 5.5	45		40	38	36	35	32	27	-	-
29	50PA - 25 - 38 - 10.0	10.0 / 7.5	45		43	42	41	40	38	35	32	-
30*	65PA - 25 - 28 - 5.0	5.0 / 3.7	59		35	33	32	30	28	25	-	-
31*	80PA - 40 - 15 - 5.0	5.0 / 3.7	72		-	-	-	18	17.5	17	16	15

* Pump Speed - 1440 rpm

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Agitator Slurry Pump - PA Series

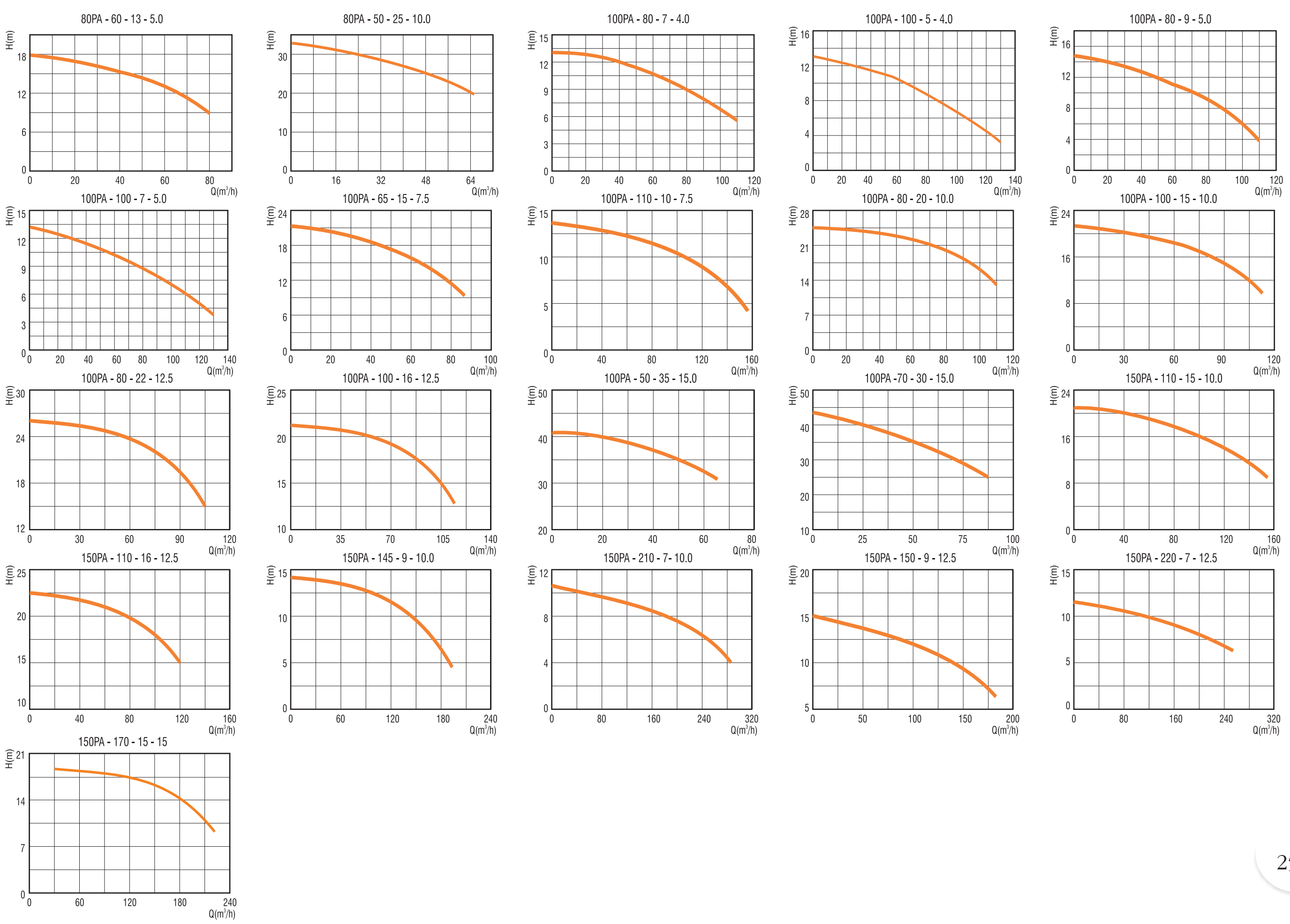
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	15	30	45	60	75	90	105	120
32*	80PA - 60 - 13 - 5.0	5.0 / 3.7	72	Head (m)	17	16	14.5	13	9.5	-	-	-
33*	80PA - 50 - 25 - 10.0	10.0 / 7.5	72		31	29	26	22	-	-	-	-
34*	100PA - 80 - 7 - 4.0	4.0 / 3.0	90		-	12.5	11.5	10.5	9.5	7	-	-
35*	100PA - 100 - 5 - 4.0	4.0 / 3.0	90		-	12	11	10	9.5	8	5	-
36*	100PA - 80 - 9 -5.0	5.0 / 3.7	90		-	13	12	11	9.5	7	-	-
37*	100PA - 100 - 7 - 5.0	5.0 / 3.7	90		-	12	11	10	9	8	6.5	-
38*	100PA - 65 - 15 - 7.5	7.5 / 5.5	90		20	19	18	16	12.5	-	-	-
39*	100PA - 110 - 10 - 7.5	7.5 / 5.5	90		-	-	13	12.5	12	11.5	10.5	-
40*	100PA - 80 - 20 - 10.0	10.0 / 7.5	90		-	24	23	22	21	18	14	9
41*	100PA - 100 - 15 -10.0	10.0 / 7.5	90		-	20	19	18.5	17.8	16	14	-
42*	100PA - 80 - 22 - 12.5	12.5 / 9.3	90		-	25.5	25	24	22.5	20	16	11.5
43*	100PA - 100 - 16 - 12.5	12.5 / 9.3	90		-	21	20.5	20	19	17.5	15.5	-
44	100PA - 50 - 35 - 15.0	15.0 / 11.0	90		40	39	36.5	33	-	-	-	13
45	100PA - 70 - 30 - 15.0	15.0 / 11.0	90		41	39	36	34	29	-	-	-
46*	150PA - 110 - 15 - 10.0	10.0 / 7.5	135		-	-	20	19	18	17	16	14
47*	150PA - 110 - 16 - 12.5	12.5 / 9.3	135		-	-	21	20.5	19.5	18.5	17	15.5
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	30	60	90	120	150	180	210	240
48*	150PA - 145 - 9 - 10.0	10.0 / 7.5	135	Head (m)	13.5	12.5	11.5	10	8	6	-	-
49*	150PA - 210 - 7 - 10.0	10.0 / 7.5	135		-	-	9.5	9	8	7.5	7	6
50*	150PA - 150 - 9 - 12.5	12.5 / 9.3	135		14	13	12	11	9	6.5	-	-
51*	150PA - 220 - 7 - 12.5	12.5 / 9.3	135		-	-	10	9.5	9	8	7.5	6.5
52*	150PA - 170 - 15 - 15	15 / 11	135		-	-	18	17	16	14	10.5	-

* Pump Speed - 1440 rpm

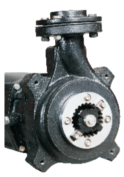
Note : Recommended Particle Size 50 - 80 % of Discharge Size

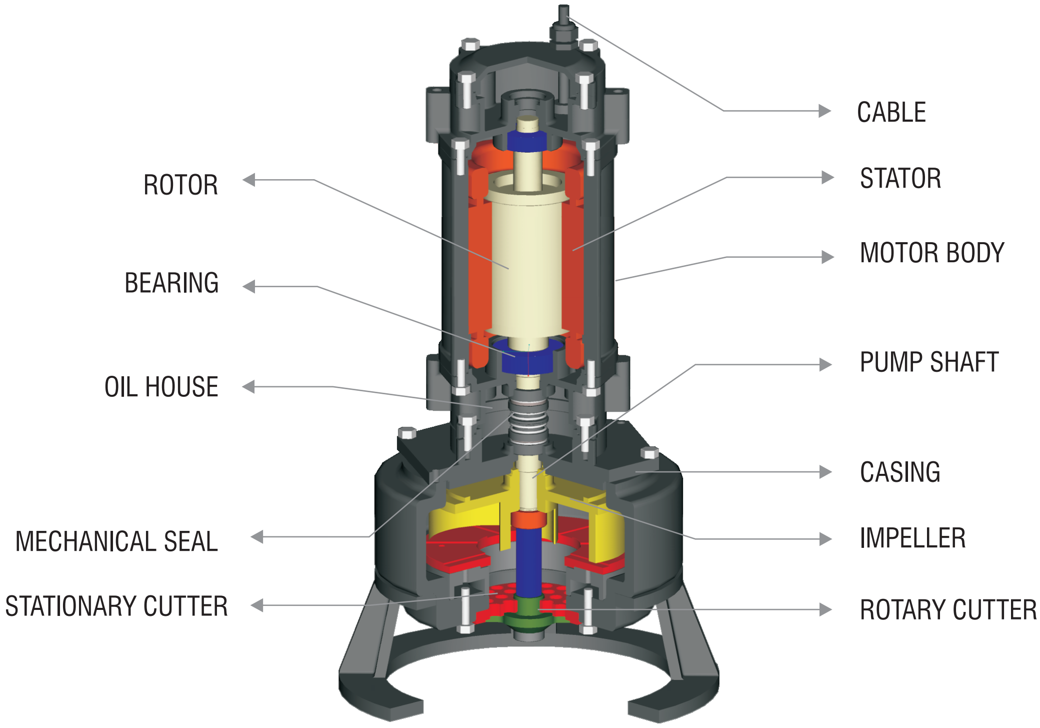
Performance Curve



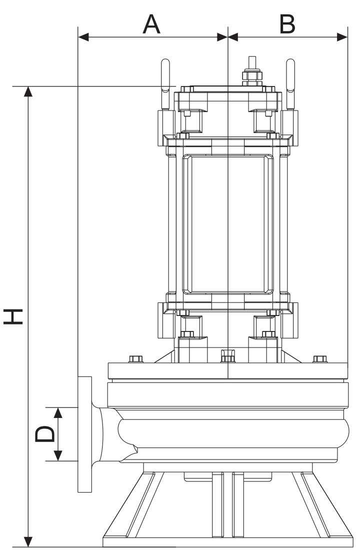
Sewage - Grinder Pump - PG Series

Cross Sectional View





Dimensional Details



Model	A	B	D	H
32PG - 7 - 14 - 1.0	212	103	32	575
32PG - 8 - 12 - 1.0	212	103	32	575
40PG - 10 - 10 - 1.0	212	103	40	575
40PG - 12 - 8 - 1.0	212	103	40	575
50PG - 14 - 7 - 1.0	212	103	50	575
40PG - 10 - 14 - 1.5	212	103	40	640
40PG - 12 - 12 - 1.5	212	103	40	640
50PG - 14 - 10 - 1.5	212	103	50	640
50PG - 16 - 9 - 1.5	212	103	50	640
50PG - 8 - 18 - 1.5	212	103	50	640
50PG - 12 - 16 - 2.0	212	103	50	640
50PG - 14 - 14 - 2.0	212	103	50	640
50PG - 16 - 12 - 2.0	212	103	50	640
50PG - 11 - 18 - 2.0	212	103	50	640
50PG - 15 - 20 - 3.0	212	103	50	570
50PG - 25 - 15 - 3.0	212	103	50	570
50PG - 42 - 9 - 3.0	212	103	50	570
65PG - 25 - 15 - 3.0	245	163	65	570
80PG - 50 - 8 - 3.0	279	177	80	570
80PG - 40 - 7 - 3.0	279	177	80	570
50PG - 17 - 25 - 4.0	238	123	50	570
65PG - 37 - 13 - 4.0	245	163	65	570
80PG - 43 - 13 - 4.0	279	177	80	570
80PG - 50 - 10 - 4.0	279	177	80	570
50PG - 24 - 20 - 5.0	238	123	50	660
50PG - 40 - 15 - 5.0	238	123	50	660

Model	A	B	D	H
50PG - 15 - 40 - 7.5	193	203	50	740
50PG - 25 - 32 - 7.5	193	203	50	740
50PG - 25 - 38 - 10.0	193	203	50	740
65PG - 25 - 28 - 5.0	274	202	65	660
80PG - 40 - 15 - 5.0	279	177	80	660
80PG - 60 - 13 - 5.0	279	177	80	660
80PG - 50 - 25 - 10.0	300	195	80	740
100PG - 80 - 7 - 4.0	250	186	100	570
100PG - 100 - 5 - 4.0	250	186	100	570
100PG - 80 - 9 - 5.0	250	186	100	660
100PG - 100 - 7 - 5.0	250	186	100	660
100PG - 65 - 15 - 7.5	292	194	100	740
100PG - 110 - 10 - 7.5	292	194	100	740
100PG - 80 - 20 - 10.0	292	194	100	740
100PG - 100 - 15 - 10.0	292	194	100	740
100PG - 80 - 22 - 12.5	266	175	100	890
100PG - 100 - 16 - 12.5	266	175	100	890
100PG - 50 - 35 - 15.0	266	175	100	890
100PG - 70 - 30 - 15.0	266	175	100	890
150PG - 110 - 15 - 10.0	286	227	150	765
150PG - 145 - 9 - 10.0	286	227	150	765
150PG - 210 - 7 - 10.0	286	227	150	765
150PG - 110 - 16 - 12.5	286	227	150	890
150PG - 150 - 9 - 12.5	286	227	150	890
150PG - 220 - 7 - 12.5	286	227	150	890
150PG - 170 - 15 - 15	286	227	150	1040

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

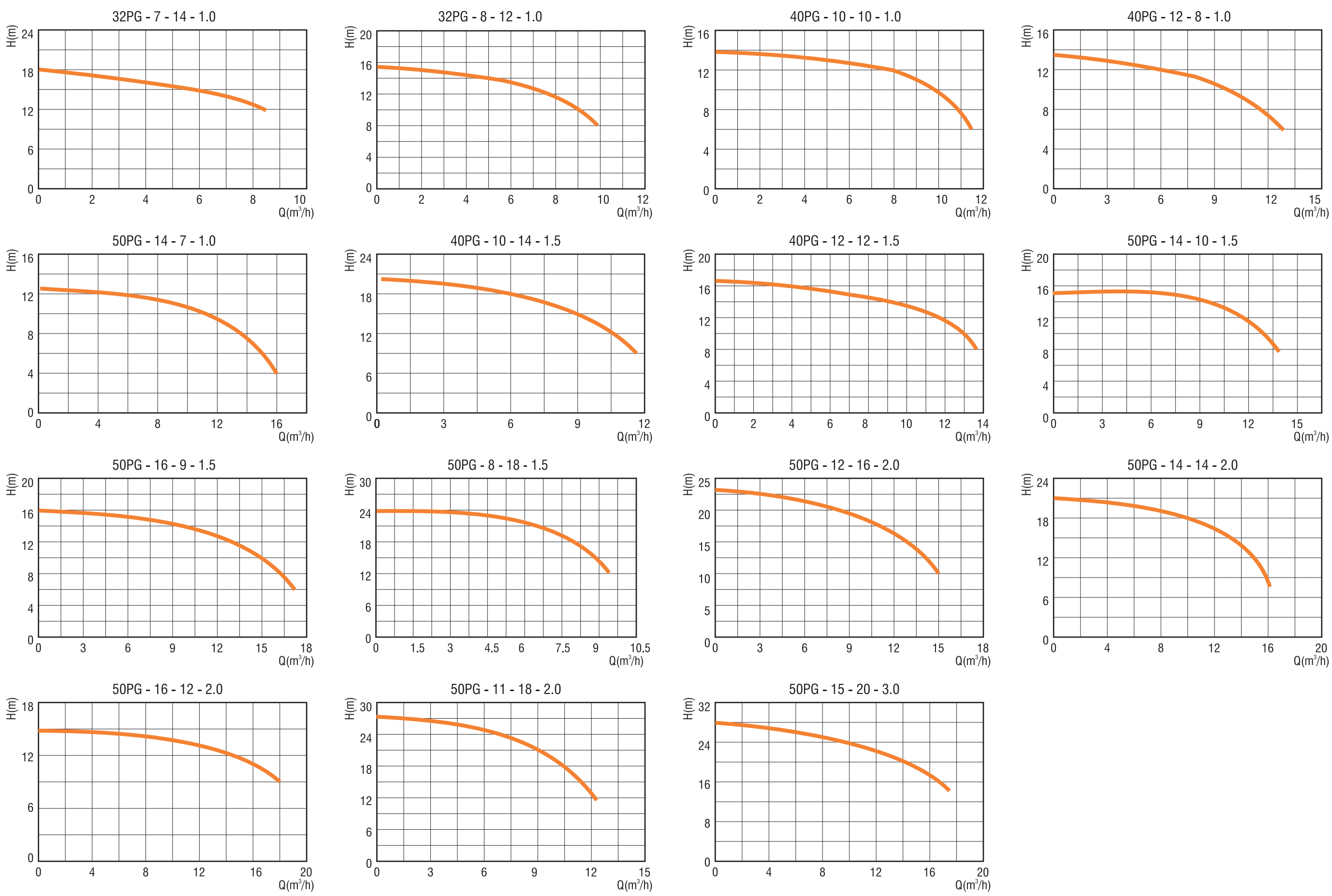
Sewage - Grinder Pump - PG Series

Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m^3/h)	2	4	6	8	10	12	14	16
1	32PG - 7 - 14 - 1.0	1.0 / 0.7	29	Head (m)	17	16	15	12.5	-	-	-	-
2	32PG - 8 - 12 - 1.0	1.0 / 0.7	29		15	14.5	13.5	12	8	-	-	-
3	40PG - 10 - 10 - 1.0	1.0 / 0.7	36		13.8	13.6	12.5	12	10	-	-	-
4	40PG - 12 - 8 - 1.0	1.0 / 0.7	36		-	12.5	12	11.6	10.5	8	-	-
5	50PG - 14 - 7 - 1.0	1.0 / 0.7	45		-	-	11.8	11.4	10.8	9.5	7	4
6	40PG - 10 - 14 - 1.5	1.5 / 1.1	36		20	19	18	17	14	-	-	-
7	40PG - 12 - 12 - 1.5	1.5 / 1.1	36		-	16	15	14.5	14	12	-	-
8	50PG - 14 - 10 - 1.5	1.5 / 1.1	45		-	14.5	13.8	13	12.5	12	10	-
9	50PG - 16 - 9 - 1.5	1.5 / 1.1	45		-	-	15	14.5	14	13.5	11.5	9
10	50PG - 8 - 18 - 1.5	1.5 / 1.1	45		24	23	22	18	-	-	-	-
11	50PG - 12 - 16 - 2.0	2.0 / 1.5	45		-	-	21	20	18	16	12	-
12	50PG - 14 - 14 - 2.0	2.0 / 1.5	45		-	-	-	19	18	17	14	7.5
13	50PG - 16 - 12 - 2.0	2.0 / 1.5	45		-	-	15	14	13.8	13.4	13	12
14	50PG - 11 - 18 - 2.0	2.0 / 1.5	45		27	26	25	23	20	14	-	-
15	50PG - 15 - 20 - 3.0	3.0 / 2.2	45		-	-	26	25	24	23	21	18

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Grinder Pump - PG Series

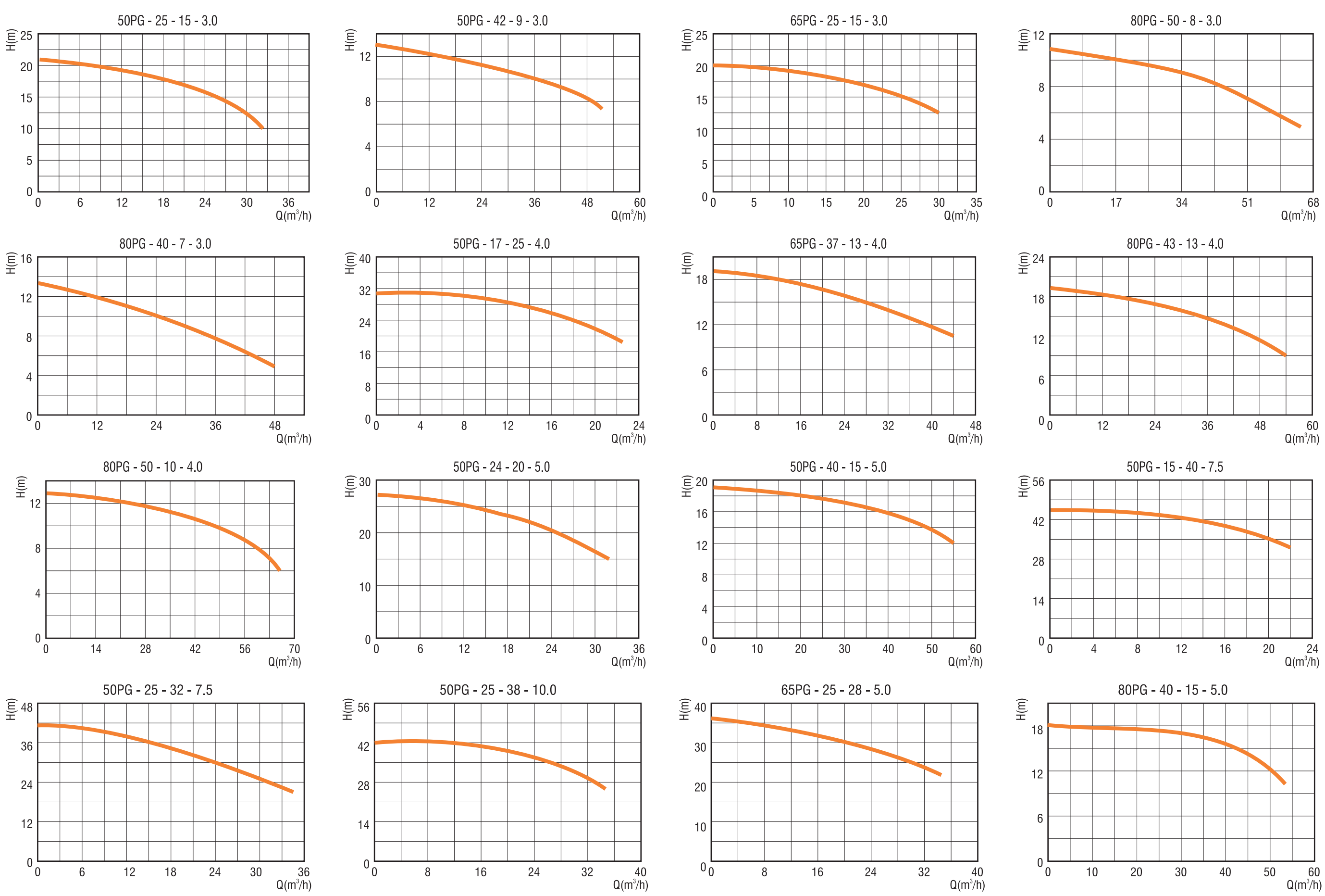
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	7	14	21	28	35	42	49	56
16	50PG - 25 - 15 - 3.0	3.0 / 2.2	45	Head (m)	19.5	18	16	14	-	-	-	-
17*	50PG - 42 - 9 - 3.0	3.0 / 2.2	45		-	12	11	10.5	10	9	7.5	-
18	65PG - 25 - 15 - 3.0	3.0 / 2.2	59		19	18	16	13.5	-	-	-	-
19*	80PG - 50 - 8 - 3.0	3.0 / 2.2	72		11	10.8	10.5	10	9.5	9	8	7
20*	80PG - 40 - 7 - 3.0	3.0 / 2.2	72		-	12	11	9	8	6	-	-
21	50PG - 17 - 25 - 4.0	4.0 / 3.0	45		30	27	20	-	-	-	-	-
22*	65PG - 37 - 13 - 4.0	4.0 / 3.0	59		18.5	18	16.5	15	13.8	11.5	-	-
23*	80PG - 43 - 13 - 4.0	4.0 / 3.0	72		-	18	17	16	15	13.5	11	-
24*	80PG - 50 - 10 - 4.0	4.0 / 3.0	72		-	-	12.5	12	11.5	11	10.4	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	5	10	15	20	25	30	35	40
25	50PG - 24 - 20 - 5.0	5.0 / 3.7	45	Head (m)	26	25	24	22	20	16	-	-
26*	50PG - 40 - 15 - 5.0	5.0 / 3.7	45		-	-	18	17.5	17	16.5	16	15
27	50PG - 15 - 40 - 7.5	7.5 / 5.5	45		44	43	40	34	32	27	20	-
28	50PG - 25 - 32 - 7.5	7.5 / 5.5	45		40	38	36	35	32	27	-	-
29	50PG - 25 - 38 - 10.0	10.0 / 7.5	45		43	42	41	40	38	35	32	-
30*	65PG - 25 - 28 - 5.0	5.0 / 3.7	59		35	33	32	30	28	25	-	-
31*	80PG - 40 - 15 - 5.0	5.0 / 3.7	72		-	-	-	18	17.5	17	16	15

* Pump Speed - 1440 rpm

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Grinder Pump - PG Series

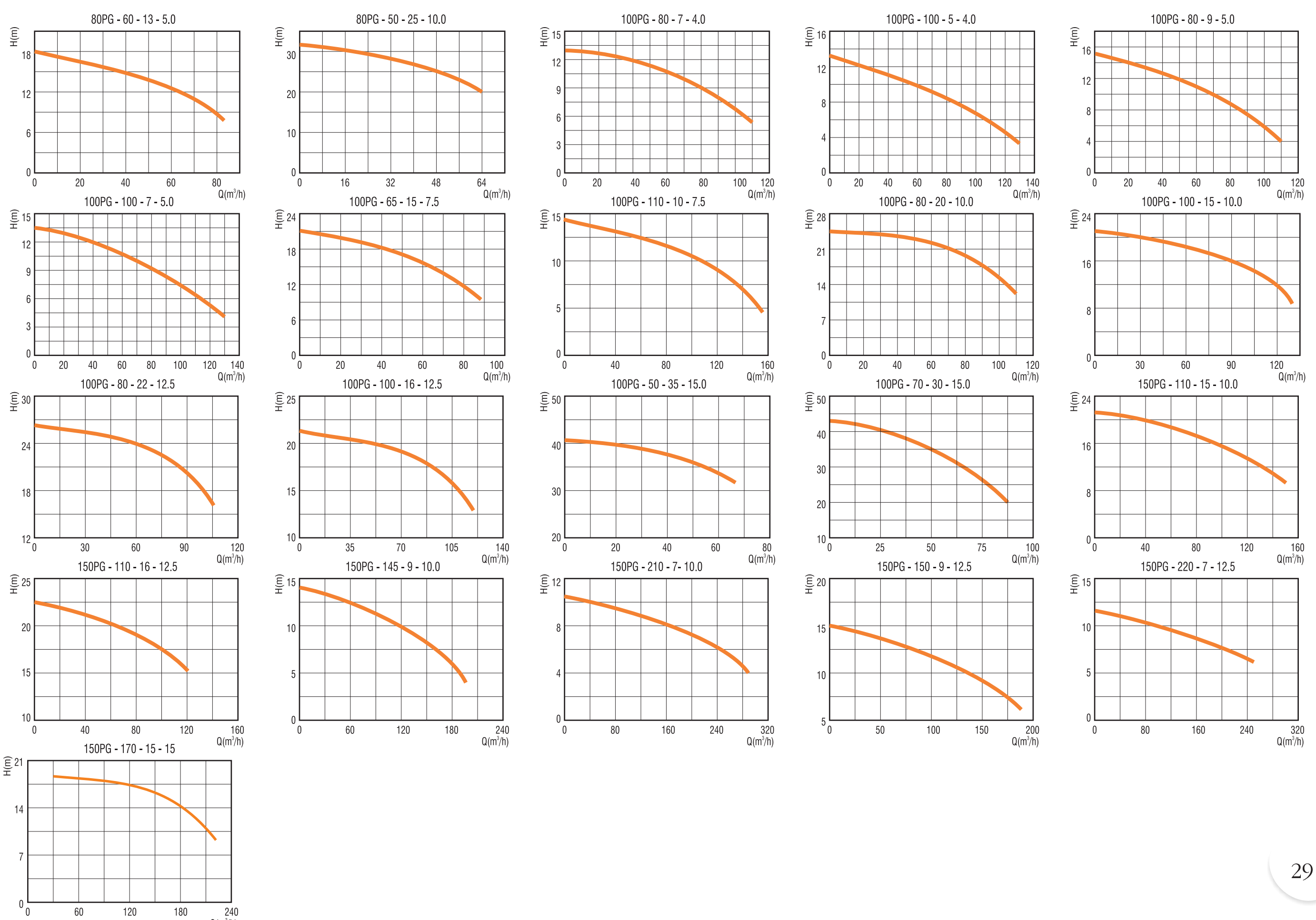
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m^3/h)	15	30	45	60	75	90	105	120
32*	80PG - 60 - 13 - 5.0	5.0 / 3.7	72	Head (m)	17	16	14.5	13	9.5	-	-	-
33*	80PG - 50 - 25 - 10.0	10.0 / 7.5	72		31	29	26	22	-	-	-	-
34*	100PG - 80 - 7 - 4.0	4.0 / 3.0	90		-	12.5	11.5	10.5	9.5	7	-	-
35*	100PG - 100 - 5 - 4.0	4.0 / 3.0	90		-	12	11	10	9.5	8	5	-
36*	100PG - 80 - 9 - 5.0	5.0 / 3.7	90		-	13	12	11	9.5	7	-	-
37*	100PG - 100 - 7 - 5.0	5.0 / 3.7	90		-	12	11	10	9	8	6.5	-
38*	100PG - 65 - 15 - 7.5	7.5 / 5.5	90		20	19	18	16	12.5	-	-	-
39*	100PG - 110 - 10 - 7.5	7.5 / 5.5	90		-	-	13	12.5	12	11.5	10.5	9
40*	100PG - 80 - 20 - 10.0	10.0 / 7.5	90		-	24	23	22	21	18	14	-
41*	100PG - 100 - 15 - 10.0	10.0 / 7.5	90		-	20	19	18.5	17.8	16	14	11.5
42*	100PG - 80 - 22 - 12.5	12.5 / 9.3	90		-	25.5	25	24	22.5	20	16	-
43*	100PG - 100 - 16 - 12.5	12.5 / 9.3	90		-	21	20.5	20	19	17.5	15.5	13
44	100PG - 50 - 35 - 15.0	15.0 / 11	90		40	39	36.5	33	-	-	-	-
45	100PG - 70 - 30 - 15.0	15.0 / 11	90		41	39	36	34	29	-	-	-
46*	150PG - 110 - 15 - 10.0	10.0 / 7.5	135		-	-	20	19	18	17	16	14
47*	150PG - 110 - 16 - 12.5	12.5 / 9.3	135		-	-	21	20.5	19.5	18.5	17	15.5
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m^3/h)	30	60	90	120	150	180	210	240
48*	150PG - 145 - 9 -10.0	10.0 / 7.5	135	Head (m)	13.5	12.5	11.5	10	8	6	-	-
49*	150PG - 210 - 7 - 10.0	10.0 / 7.5	135		-	-	9.5	9	8	7.5	7	6
50*	150PG - 150 - 9 - 12.5	12.5 / 9.3	135		14	13	12	11	9	6.5	-	-
51*	150PG - 220 - 7 - 12.5	12.5 / 9.3	135		-	-	10	9.5	9	8	7.5	6.5
52*	150PG - 170 - 15 - 15	15 / 11	135		-	-	18	17	16	14	10.5	-

* Pump Speed - 1440 rpm

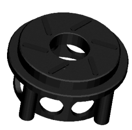
Note : Recommended Particle Size 50 - 80 % of Discharge Size

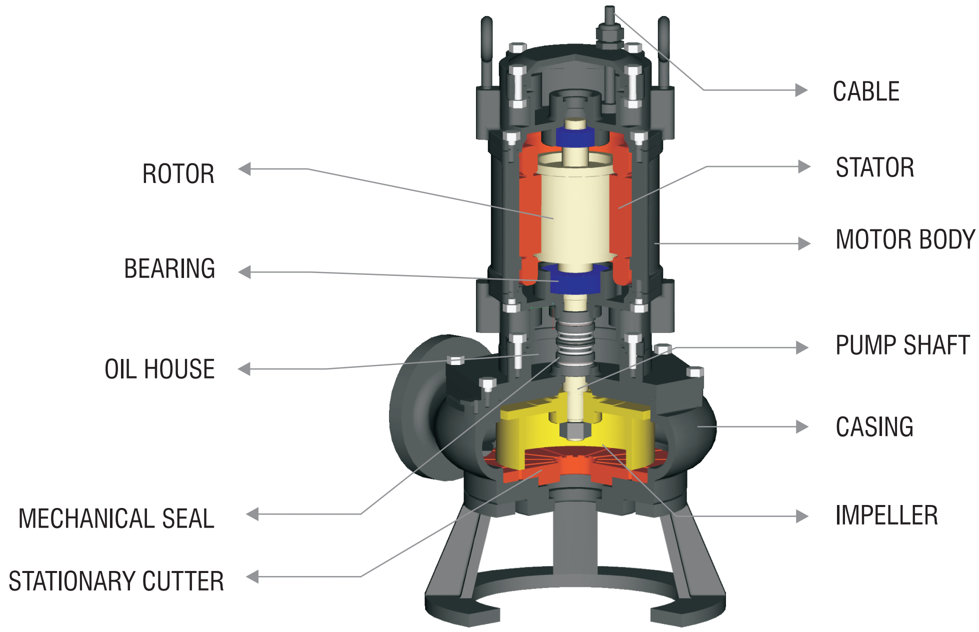
Performance Curve



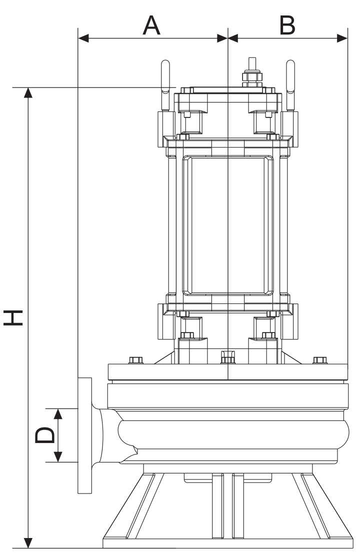
Sewage - Cutter Pump - PC Series

Cross Sectional View





Dimensional Details



Model	A	B	D	H
32PC - 7 - 14 - 1.0	212	103	32	575
32PC - 8 - 12 - 1.0	212	103	32	575
40PC - 10 - 10 - 1.0	212	103	40	575
40PC - 12 - 8 - 1.0	212	103	40	575
50PC - 14 - 7 - 1.0	212	103	50	575
40PC - 10 - 14 - 1.5	212	103	40	640
40PC - 12 - 12 - 1.5	212	103	40	640
50PC - 14 - 10 - 1.5	212	103	50	640
50PC - 16 - 9 - 1.5	212	103	50	640
50PC - 8 - 18 - 1.5	212	103	50	640
50PC - 12 - 16 - 2.0	212	103	50	640
50PC - 14 - 14 - 2.0	212	103	50	640
50PC - 16 - 12 - 2.0	212	103	50	640
50PC - 11 - 18 - 2.0	212	103	50	640
50PC - 15 - 20 - 3.0	212	103	50	570
50PC - 25 - 15 - 3.0	212	103	50	570
50PC - 42 - 9 - 3.0	212	103	50	570
65PC - 25 - 15 - 3.0	245	163	65	570
80PC - 50 - 8 - 3.0	279	177	80	570
80PC - 40 - 7 - 3.0	279	177	80	570
50PC - 17 - 25 - 4.0	238	123	50	570
65PC - 37 - 13 - 4.0	245	163	65	570
80PC - 43 - 13 - 4.0	279	177	80	570
80PC - 50 - 10 - 4.0	279	177	80	570
50PC - 24 - 20 - 5.0	238	123	50	660
50PC - 40 - 15 - 5.0	238	123	50	660
50PC - 15 - 40 - 7.5	193	203	50	740

Model	A	B	D	H
50PC - 25 - 32 - 7.5	193	203	50	740
50PC - 25 - 38 - 10.0	193	203	50	740
65PC - 25 - 28 - 5.0	274	202	65	660
80PC - 40 - 15 - 5.0	279	177	80	660
80PC - 60 - 13 - 5.0	279	177	80	660
80PC - 50 - 25 - 10.0	300	195	80	740
100PC - 80 - 7 - 4.0	250	186	100	570
100PC - 100 - 5 - 4.0	250	186	100	570
100PC - 80 - 9 - 5.0	250	18	100	660
100PC - 100 - 7 - 5.0	250	186	100	660
100PC - 65 - 15 - 7.5	292	194	100	740
100PC - 110 - 10 - 7.5	292	194	100	740
100PC - 80 - 20 - 10.0	292	194	100	740
100PC - 100 - 15 - 10.0	292	194	100	740
100PC - 80 - 22 - 12.5	266	175	100	890
100PC - 100 - 16 - 12.5	266	175	100	890
100PC - 50 - 35 - 15.0	266	175	100	890
100PC - 70 - 30 - 15.0	266	175	100	890
150PC - 110 - 15 - 10.0	286	227	150	765
150PC - 145 - 9 - 10.0	286	227	150	765
150PC - 210 - 7 - 10.0	286	227	150	765
150PC - 110 - 16 - 12.5	286	227	150	890
150PC - 150 - 9 - 12.5	286	227	150	890
150PC - 220 - 7 - 12.5	286	227	150	890
150PC - 170 - 15 - 15	286	227	150	1040

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

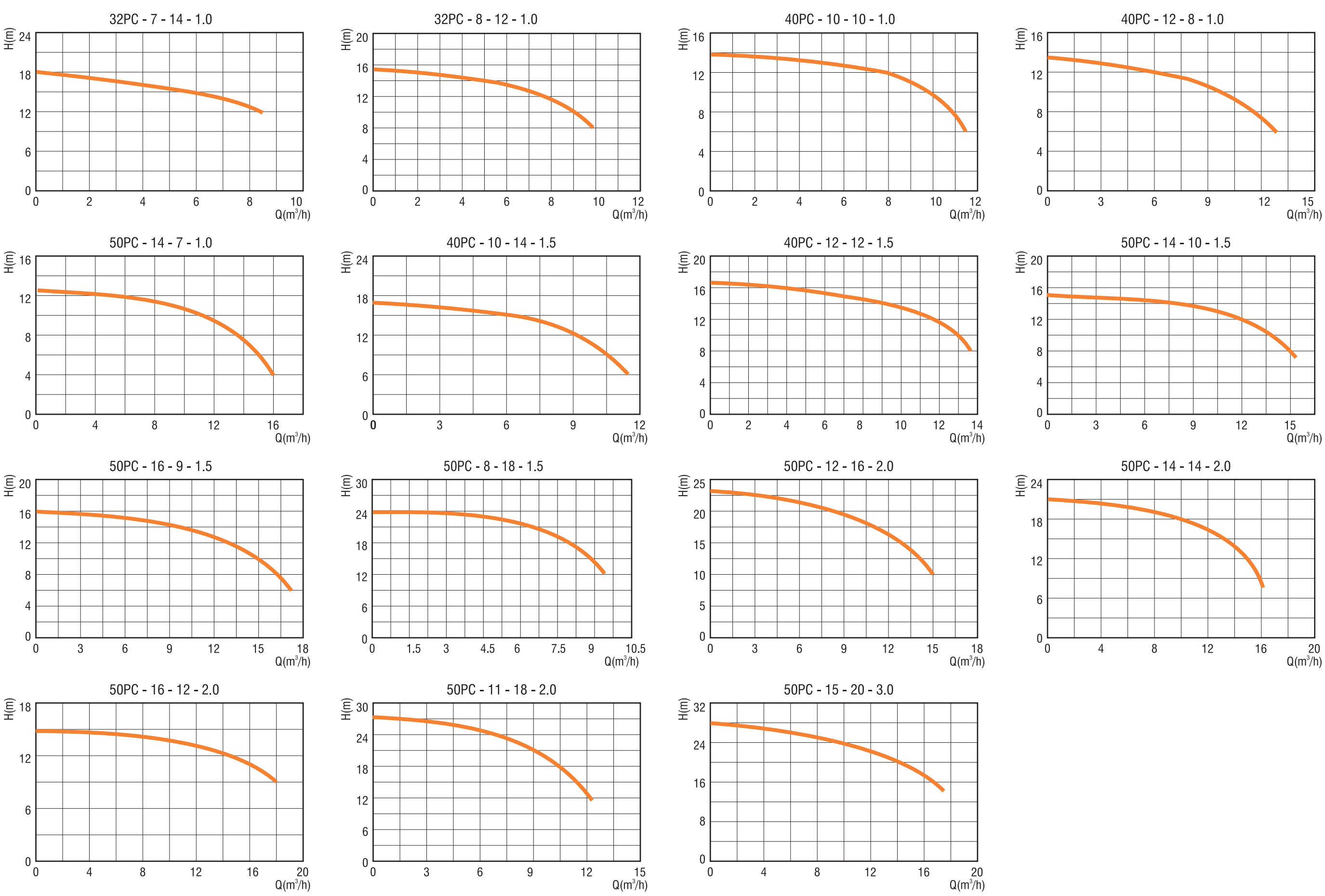
Sewage - Cutter Pump - PC Series

Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	2	4	6	8	10	12	14	16
1	32PC - 7 - 14 - 1.0	1.0 / 0.7	29	Head (m)	17	16	15	12.5	-	-	-	-
2	32PC - 8 - 12 - 1.0	1.0 / 0.7	29		15	14.5	13.5	12	8	-	-	-
3	40PC - 10 - 10 - 1.0	1.0 / 0.7	36		13.8	13.6	12.5	12	10	-	-	-
4	40PC - 12 - 8 - 1.0	1.0 / 0.7	36		-	12.5	12	11.6	10.5	8	-	-
5	50PC - 14 - 7 - 1.0	1.0 / 0.7	45		-	-	11.8	11.4	10.8	9.5	7	4
6	40PC - 10 - 14 - 1.5	1.5 / 1.1	36		20	19	18	17	14	-	-	-
7	40PC - 12 - 12 - 1.5	1.5 / 1.1	36		-	16	15	14.5	14	12	-	-
8	50PC - 14 - 10 - 1.5	1.5 / 1.1	45		-	14.5	13.8	13	12.5	12	10	-
9	50PC - 16 - 9 - 1.5	1.5 / 1.1	45		-	-	15	14.5	14	13.5	11.5	9
10	50PC - 8 - 18 - 1.5	1.5 / 1.1	45		24	23	22	18	-	-	-	-
11	50PC - 12 - 16 - 2.0	2.0 / 1.5	45		-	-	21	20	18	16	12	-
12	50PC - 14 - 14 - 2.0	2.0 / 1.5	45		-	-	-	19	18	17	14	7.5
13	50PC - 16 - 12 - 2.0	2.0 / 1.5	45		-	-	15	14	13.8	13.4	13	12
14	50PC - 11 - 18 - 2.0	2.0 / 1.5	45		27	26	25	23	20	14	-	-
15	50PC - 15 - 20 - 3.0	3.0 / 2.2	45		-	-	26	25	24	23	21	18

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Cutter Pump - PC Series

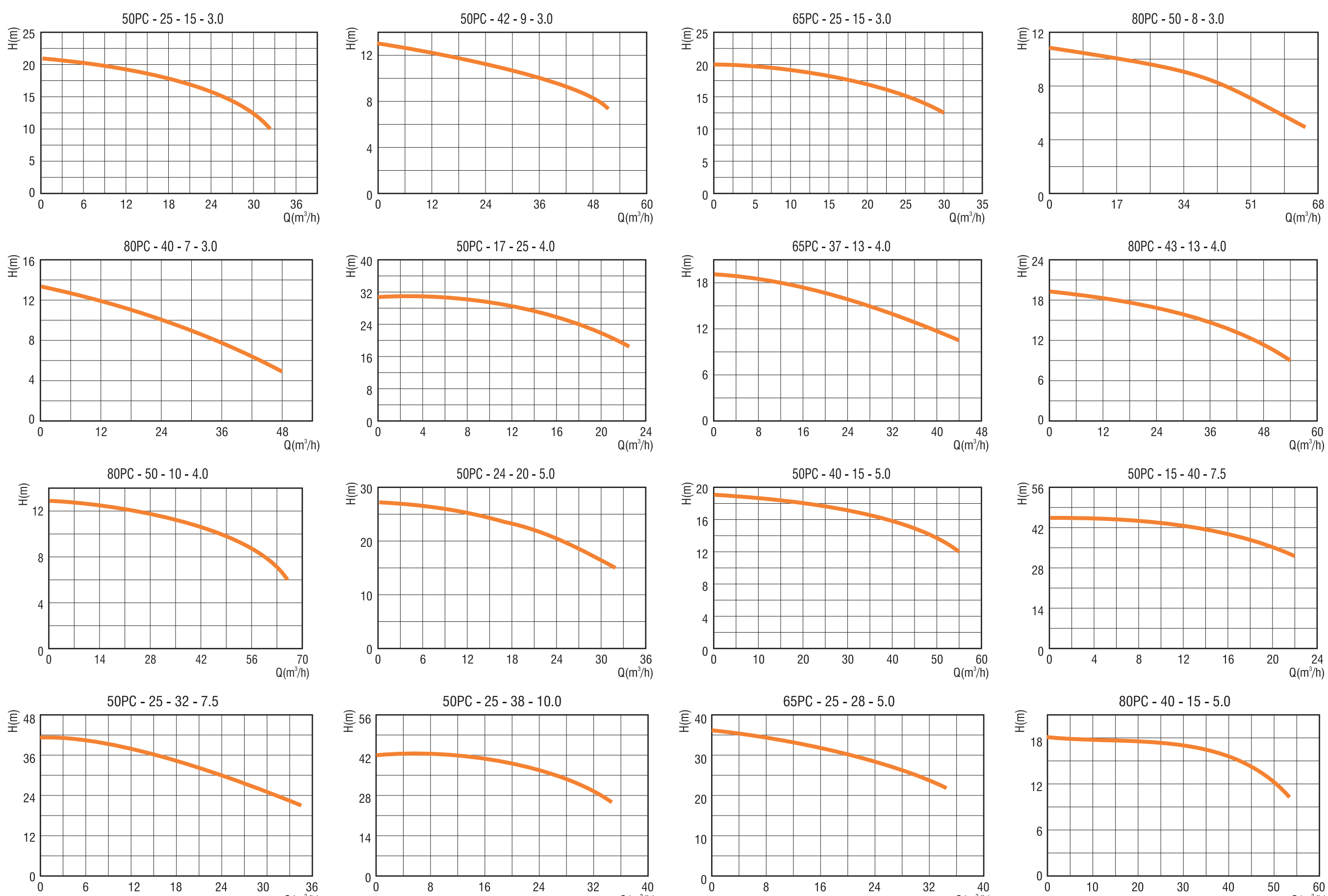
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	7	14	21	28	35	42	49	56
16	50PC - 25 - 15 - 3.0	3.0 / 2.2	45	Head (m)	19.5	18	16	14	-	-	-	-
17*	50PC - 42 - 9 - 3.0	3.0 / 2.2	45		-	12	11	10.5	10	9	7.5	-
18	65PC - 25 - 15 - 3.0	3.0 / 2.2	59		19	18	16	13.5	-	-	-	-
19*	80PC - 50 - 8 - 3.0	3.0 / 2.2	72		11	10.8	10.5	10	9.5	8.5	8	7
20*	80PC - 40 - 7 - 3.0	3.0 / 2.2	72		-	12	11	9	8	6	-	-
21	50PC - 17 - 25 - 4.0	4.0 / 3.0	45		30	27	20	-	-	-	-	-
22*	65PC - 37 - 13 - 4.0	4.0 / 3.0	59		18.5	18	16.5	15	14	11.5	-	-
23*	80PC - 43 - 13 - 4.0	4.0 / 3.0	72		-	18	17	16	15	13.5	11	-
24*	80PC - 50 - 10 - 4.0	4.0 / 3.0	72		-	-	12.5	12	11.5	11	10.5	-
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	5	10	15	20	25	30	35	40
25	50PC - 24 - 20 - 5.0	5.0 / 3.7	45	Head (m)	26	25	24	22	20	16	-	-
26*	50PC - 40 - 15 - 5.0	5.0 / 3.7	45		-	-	18	17.5	17	16.5	16	15
27	50PC - 15 - 40 - 7.5	7.5 / 5.6	45		44	43	40	34	32	27	20	-
28	50PC - 25 - 32 - 7.5	7.5 / 5.6	45		40	38	36	35	32	27	-	-
29	50PC - 25 - 38 - 10.0	10.0 / 7.5	45		43	42	41	40	38	35	32	-
30*	65PC - 25 - 28 - 5.0	5.0 / 3.7	59		35	33	32	30	28	25	-	-
31*	80PC - 40 - 15 - 5.0	5.0 / 3.7	72		-	-	-	18	17.5	17	16	15

* Pump Speed - 1440 rpm

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Cutter Pump - PC Series

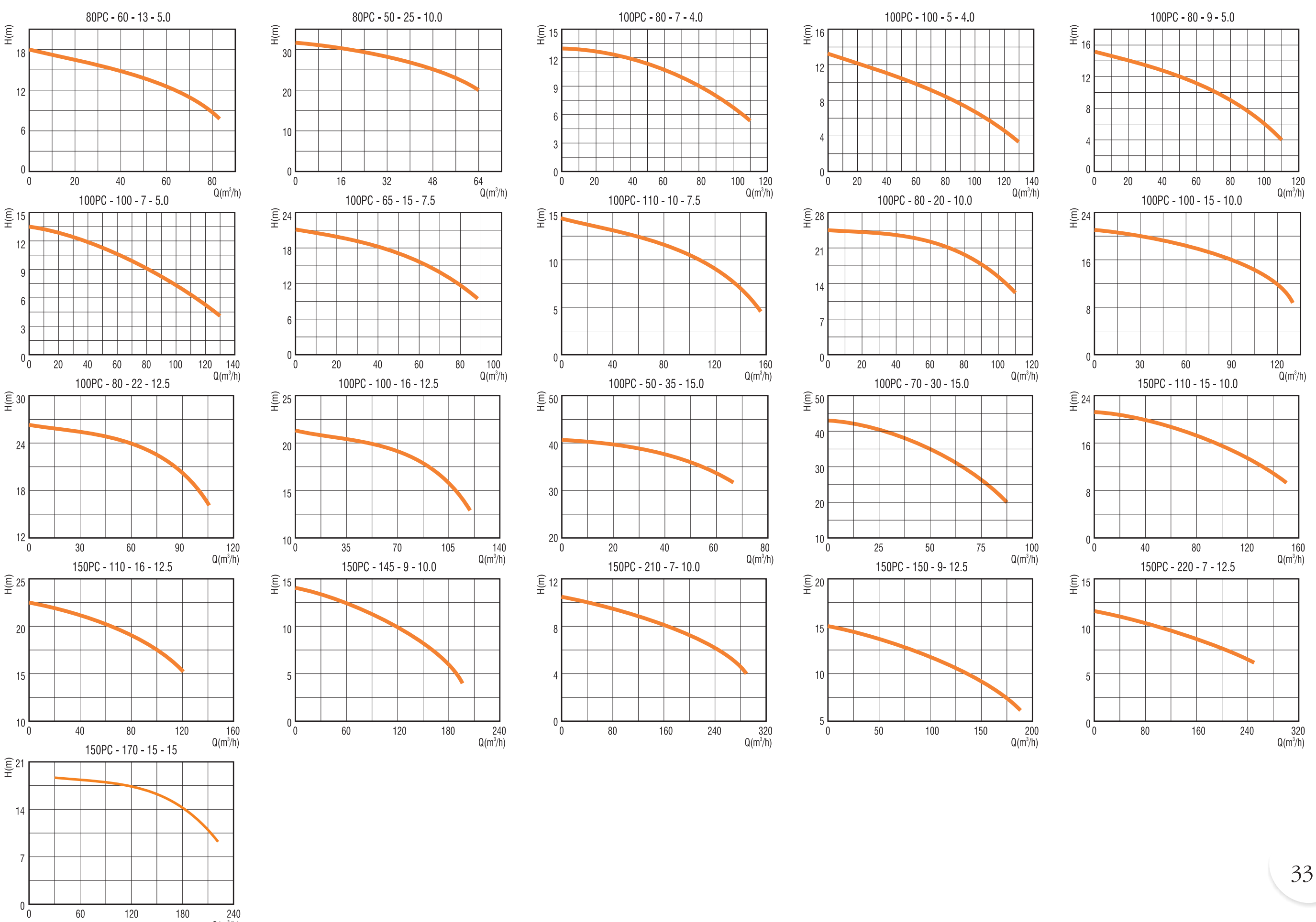
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	15	30	45	60	75	90	105	120
32*	80PC - 60 - 13 - 5.0	5.0 / 3.7	72	Head (m)	17	16	14.5	13	9.5	-	-	-
33*	80PC - 50 - 25 - 10.0	10.0 / 7.5	72		31	29	26	22	-	-	-	-
34*	100PC - 80 - 7 - 4.0	4.0 / 3.0	90		-	12.5	11.5	10.5	9.5	7	-	-
35*	100PC - 100 - 5 - 4.0	4.0 / 3.0	90		-	12	11	10	9.5	8	5	-
36*	100PC - 80 - 9 - 5.0	5.0 / 3.7	90		-	13	12	11	9.5	7	-	-
37*	100PC - 100 - 7 - 5.0	5.0 / 3.7	90		-	12	11	10	9	8	6.5	-
38*	100PC - 65 - 15 - 7.5	7.5 / 5.5	90		20	19	18	16	12.5	-	-	-
39*	100PC - 110 - 10 - 7.5	7.5 / 5.5	90		-	-	13	12.5	12	11.5	10.5	9
40*	100PC - 80 - 20 - 10.0	10.0 / 7.5	90		-	24	23	22	21	18	14	-
41*	100PC - 100 - 15 - 10.0	10.0 / 7.5	90		-	20	19	18.5	17.8	16	14	11.5
42*	100PC - 80 - 22 - 12.5	12.5 / 9.3	90		-	25.5	25	24	22.5	20	16	-
43*	100PC - 100 - 16 - 12.5	12.5 / 9.3	90		-	21	20.5	20	19	17.5	15.5	13
44	100PC - 50 - 35 - 15.0	15.0 / 11	90		40	39	36.5	33	-	-	-	-
45	100PC - 70 - 30 - 15.0	15.0 / 11	90		41	39	36	34	29	-	-	-
46*	150PC - 110 - 15 - 10.0	10.0 / 7.5	135		-	-	20	19	18	17	16	14
47*	150PC - 110 - 16 - 12.5	12.5 / 9.3	135		-	-	21	20.5	19.5	18.5	17	15.5
S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m³/h)	30	60	90	120	150	180	210	240
48*	150PC - 145 - 9 -10.0	10.0 / 7.5	135	Head (m)	13.5	12.5	11.5	10	8	6	-	-
49*	150PC - 210 - 7 - 10.0	10.0 / 7.5	135		-	-	9.5	9	8	7.5	7	6
50*	150PC - 150 - 9 - 12.5	12.5 / 9.3	135		14	13	12	11	9	6.5	-	-
51*	150PC - 220 - 7 - 12.5	12.5 / 9.3	135		-	-	10	9.5	9	8	7.5	6.5
52*	150PC - 170 - 15 - 15	15 / 11	135		-	-	18	17	16	14	10.5	-

* Pump Speed - 1440 rpm

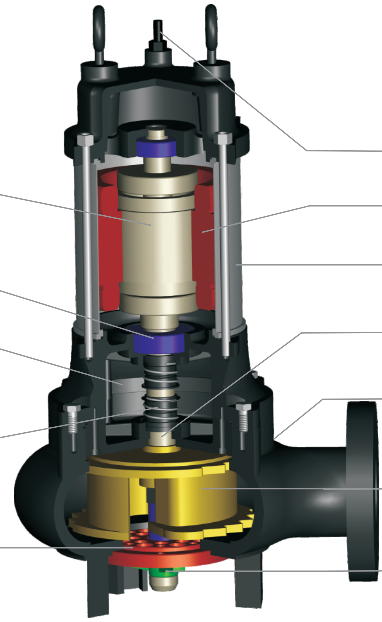
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

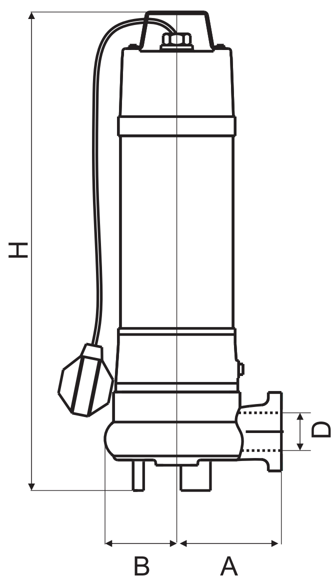


Sewage - Cutter Pump - PCE Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
40PCE - 10 - 10 - 1.0	120	83	40	499
40PCE - 10 - 14 - 1.5	120	83	40	524
50PCE - 14 - 7 - 1.0	120	83	50	499
50PCE - 5 - 15 - 1.5	120	83	50	524
50PCE - 15 - 9 - 1.5	120	83	50	524
50PCE - 16 - 8 - 1.5	120	83	50	524
50PCE - 12 - 16 - 2.0	120	83	50	549
50PCE - 14 - 12 - 2.0	120	83	50	549
50PCE - 16 - 12 - 2.0	120	83	50	549
80PCE - 12 - 14 - 2.0	135	110	80	570
80PCE - 12 - 17 - 3.0	151	118	80	570
50PCE - 24 - 15 - 3.0	151	118	50	570
65PCE - 35 - 11 - 3.0	151	118	65	570
65PCE - 50 - 10 - 5.0	196	163	65	660
80PCE - 40 - 6 - 3.0	151	118	80	570
80PCE - 40 - 8 - 3.0	151	118	80	570

Model	A	B	D	H
80PCE - 55 - 11 - 5.0	196	163	100	660
80PCE - 72 - 9 - 5.0	196	163	80	660
100PCE - 80 - 8 - 5.0	196	163	100	660
100PCE - 55 -14 - 7.5	196	163	100	710
100PCE - 110 - 9 - 7.5	196	163	100	710
100PCE - 120 - 8 - 7.5	196	163	100	710
100PCE - 140 - 8 - 10	236	180	100	760
100PCE - 100 - 13 - 10	236	180	100	760
100PCE -110 - 14 -12.5	236	180	100	850
150PCE - 100 - 12 - 10	286	220	150	790
150PCE -135 -11 - 12.5	286	220	150	880
150PCE - 150 - 13 -15	286	220	150	980
150PCE - 200 -7 - 12.5	286	220	150	880
150PCE - 270 - 7 - 15	286	220	150	980

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

Sewage Pump with Cutter - PCE Series

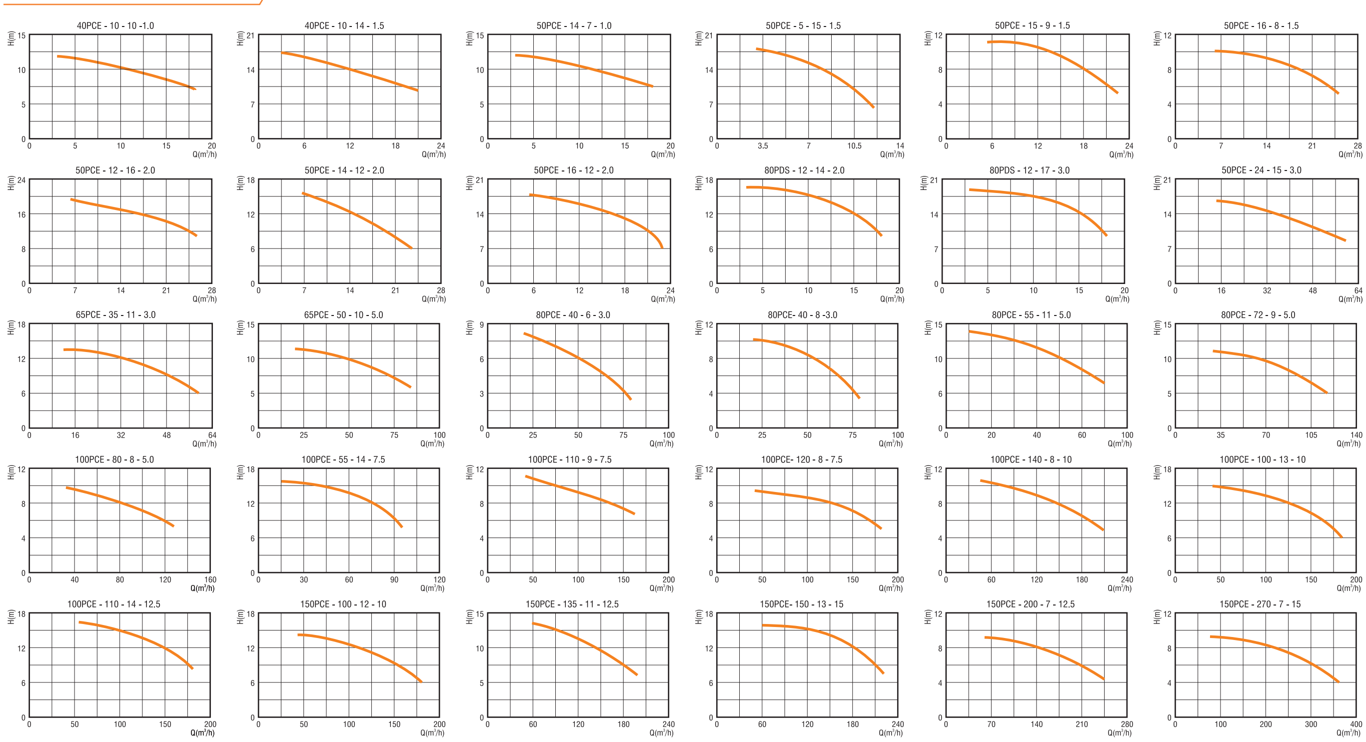
Performance Chart

S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m^3/h)	3	6	9	12	15	18	21	24	27		
1	40PCE - 10 - 10 - 1.0	1.0 / 0.7	36	Head (m)	-	12	11	9.5	8.5	7	-	-	-		
2	40PCE - 10 - 14 - 1.5	1.5 / 1.1	36		-	17	15	13	11	9	8	7	-		
3	50PCE - 14 - 7 - 1.0	1.0 / 0.7	45		-	12	11	9.5	6	4.5	-	-	-		
4	50PCE - 5 - 15 - 1.5	1.5 / 1.1	45		18	14	12	6	-	-	-	-	-		
5	50PCE - 15 - 9 - 1.5	1.5 / 1.1	45		-	14	13	11	8.5	7	-	-	-		
6	50PCE - 16 - 8 - 1.5	1.5 / 1.1	45		-	13.5	12	10.5	9	7	6	-	-		
7	50PCE - 12 - 16 - 2.0	2.0 / 1.5	45		-	19.5	18	16	14.5	13	11.5	-	-		
8	50PCE - 14 - 12 - 2.0	2.0 / 1.5	45		-	15	14	13	11.5	10	8	6	-		
9	50PCE - 16 - 12 - 2.0	2.0 / 1.5	45		-	19	17	15	13	11	9	-	-		
10	80PCE - 12 - 14 - 2.0	2.0 / 1.5	72		17	18	15.5	14	11	8	-	-	-		
11	80PCE - 12 - 17 - 3.0	3.0 / 2.2	72		19	18.5	18	17	14.5	10	-	-	-		
S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m^3/h)	10	20	30	40	50	60	70	80	90		
12	50PCE - 24 - 15 - 3.0	3.0 / 2.2	45	Head (m)	17	16	14.5	11	8	-	-	-			
13*	65PCE - 35 - 11 - 3.0	3.0 / 2.2	59		-	13.5	12	10	8.5	6	-	-			
14*	65PCE - 50 - 10 - 5.0	5.0 / 3.7	59		-	13	12	11	10	9	7.5	6			
15*	80PCE - 40 - 6 - 3.0	3.0 /2.2	72		-	-	8	7	5.5	4.5	-	-			
16*	80PCE - 40 - 8 - 3.0	3.0 /2.2	72		-	-	9.5	8.5	7.5	6.5	5	-			
17*	80PCE - 55 - 11 - 5.0	5.0 / 3.7	72		-	13.5	13	12	11.5	10	9				
S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m^3/h)	20	40	60	80	100	120	140	160	180		
18*	80PCE - 72 - 9 - 5.0	5.0 / 3.7	72	Head (m)	11.5	11	10	8.5	7	5	-	-	-		
19*	100PCE - 80 - 8 - 5.0	5.0 / 3.7	90		-	9.5	9	8	7	5	-	-	-		
20*	100PCE - 55 - 14 - 7.5	7.5 / 5.5	90		16	15	13.5	11	7	-	-	-	-		
21*	100PCE - 110 - 9 - 7.5	7.5 / 5.5	90		-	-	10.5	10	9.5	8	7	6	-		
22*	100PCE - 120 - 8 - 7.5	7.5 / 5.5	90		-	-	9.5	9	8.5	8	7.5	6.5	6.5		
23*	100PCE - 140 - 8 - 10	10 / 7.5	90		-	-	10	9.5	9	8.5	8	7.5	6		
24*	100PCE - 100 - 13 - 10	10 / 7.5	90		-	15	14.5	14	13	12.5	11	9	-		
25*	100PCE - 110 - 14 - 12.5	12.5 / 9.3	90		-	16.5	16	15	14.5	13	11	8	6		
26*	150PCE - 100 - 12 - 10	10 / 7.5	135		-	-	14	13.5	12.5	11.5	10	8.5	8		
S.No	Model	Motor Power HP / kW	Max.Particle size (mm)	Q(m^3/h)	30	60	90	120	150	180	210	240	270	300	330
27*	150PCE - 135 - 11 - 12.5	12.5 / 9.3	135	Head (m)	-	13	12.5	11.5	9.5	7.5	-	-	-	-	-
28*	150PCE - 150 - 13 - 15	15 / 11	135		-	-	15	14	13	11.5	9	-	-	-	-
29*	150PCE - 200 - 7 - 12.5	12.5 / 9.3	135		-	-	-	9	8.5	8	7	6	5	-	-
30*	150PCE - 270 - 7 - 15	15 / 11	135		-	-	-	-	-	8.5	8	7.5	7	6	5

* Pump Speed - 1440 rpm

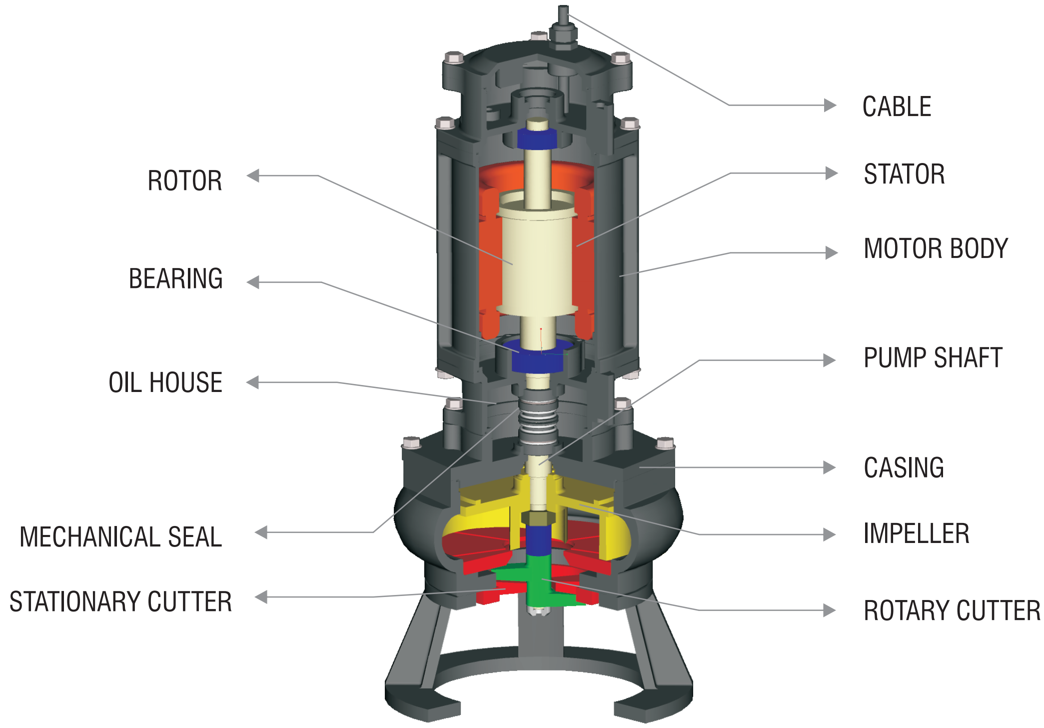
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

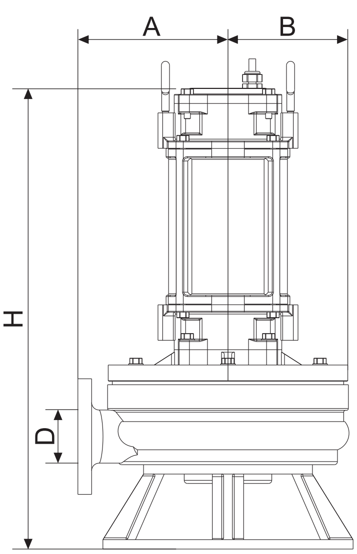


Sewage - Chopper Pump - PCC Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
65PCC - 42 - 9 - 4.0	245	163	65	600
80PCC - 40 - 7 - 4.0	279	177	80	600
80PCC - 50 - 10 - 5.0	279	177	80	690
100PCC - 90 - 7 - 5.0	250	186	100	690
100PCC - 100 - 9 - 7.5	292	194	100	770
100PCC - 110 - 12 - 10	292	194	100	770
100PCC - 110 - 15 - 12.5	266	175	100	920
150PCC - 110 - 16 - 12.5	286	227	150	920
150PCC - 130 - 16 - 15	286	227	150	920
150PCC - 150 - 9 - 15	286	227	150	920
150PCC - 220 - 7 - 15	286	227	150	920
200PCC - 300 - 7 - 20	340	279	200	1230
200PCC - 300 - 10 - 25	340	279	200	1290
200PCC - 300 - 13 - 30	340	279	200	1290
200PCC - 300 - 15 - 30	340	279	200	1290
250PCC - 400 - 7 - 25	370	293	250	1310
250PCC - 400 - 10 - 30	370	293	250	1310
250PCC - 400 - 13 - 30	370	293	250	1310

Model	A	B	D	H
300PCC - 600 - 6 - 30	370	350	300	1330
300PCC - 600 - 7 - 30	370	350	300	1330
100PCC - 80 - 9 - 6.0	292	194	100	770
100PCC - 80 - 10 - 7.5	292	194	100	770
100PCC - 80 - 12 - 7.5	292	194	100	770
150PCC - 160 - 7 - 7.5	286	227	150	795
150PCC - 160 - 8 - 7.5	286	227	150	795
150PCC - 160 - 9 - 10	286	227	150	795
150PCC - 160 - 11 - 10	286	227	150	795
150PCC - 160 - 13 - 15	286	227	150	920
150PCC - 160 - 15 - 15	286	227	150	920
200PCC - 320 - 20 - 40	440	343	200	1850
200PCC - 300 - 25 - 50	440	343	200	1850
250PCC - 500 - 10 - 40	477	362	250	1950
250PCC - 500 - 14 - 50	477	362	250	1950
300PCC - 700 - 10 - 40	437	411	300	1710
300PCC - 700 - 12 - 50	437	411	300	1710

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

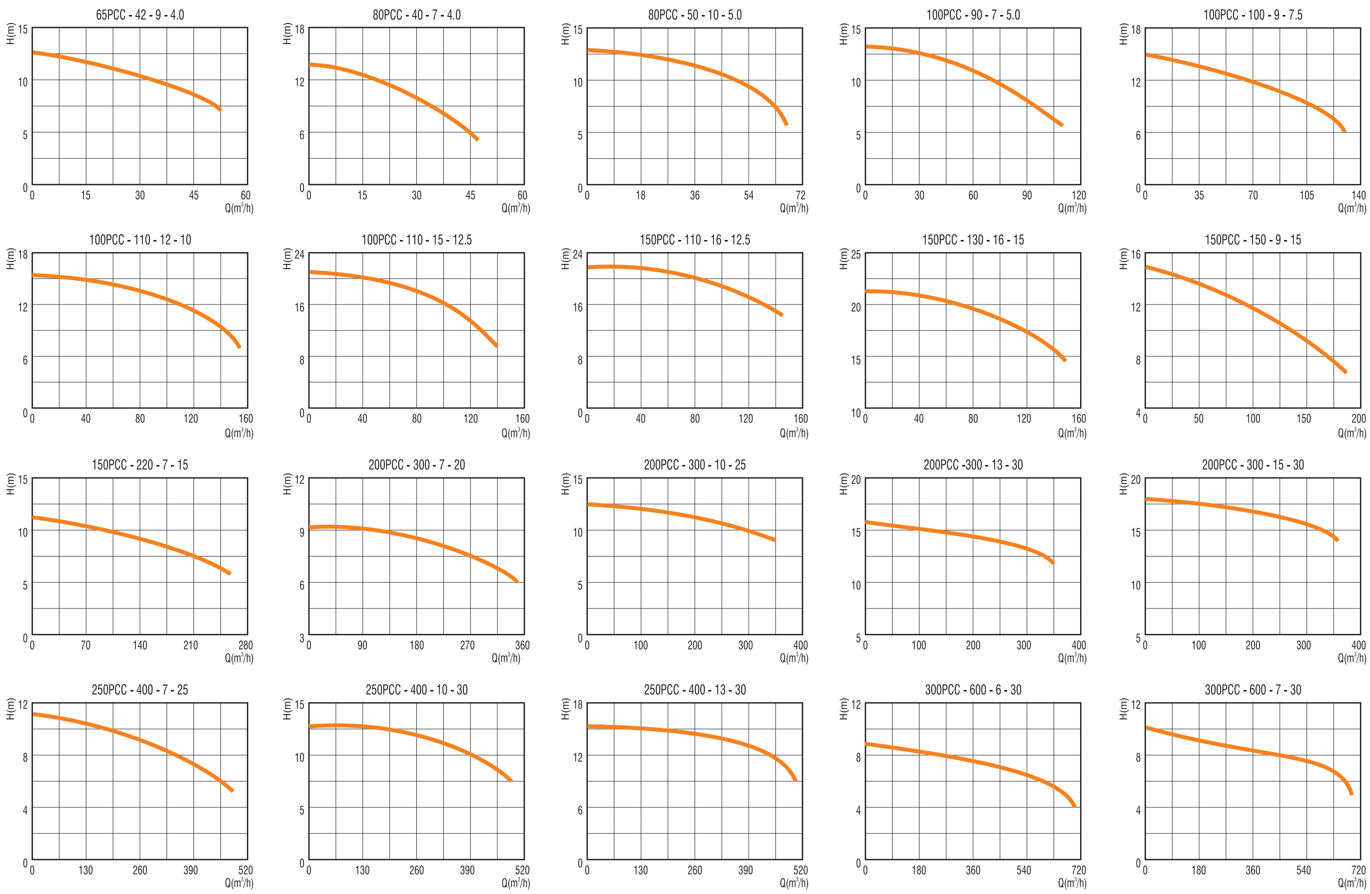
Sewage - Chopper Pump - PCC Series

Performance Chart

S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	7	14	21	28	35	42	49	56
1	65PCC-42-9-4.0	4.0 / 3.0	1440	Head (m)	12.5	12	11.5	10.5	10	9	8	-
2	80PCC-40-7-4.0	4.0 / 3.0	1440		13	12	11	9.5	8	6.5	-	-
3	80PCC-50-10-5.0	5.0 / 3.7	1440		-	12.5	12.5	12	11.5	11	10.5	9
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	15	30	45	60	75	90	105	120
4	100PCC-90-7-5.0	5.0 / 3.7	1440	Head (m)	-	12.5	12	11	9.5	7	-	-
5	100PCC-100-9-7.5	7.5 / 5.5	1440		15	14	13.5	12.5	11.5	10	9	7
6	100PCC-110-12-10	10 / 7.5	1440		16	15.5	15	14.5	14	13.5	12.5	11
7	100PCC-110-15-12.5	12.5 / 9.3	1440		21	20.5	20	19	18.5	17	15.5	13.5
8	150PCC-110-16-12.5	12.5 / 9.3	1440		22	21.5	21	20	19.5	18.5	17.5	15
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	30	60	90	120	150	180	210	240
9	150PCC-130-16-15	15 / 11	1440	Head (m)	21	20.5	19.5	17.5	14.5	-	-	-
10	150PCC-150-9-15	15 / 11	1440		14	13	12	11	9	7	-	-
11	150PCC-220-7-15	15 / 11	1440		11	10.5	10	9.5	9	8	7.5	6.5
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	50	100	150	200	250	300	350	400
12	200PCC-300-7-20	20 / 15	1440	Head (m)	9.5	9	8.8	8.5	8	7	6	-
13	200PCC-300-10-25	25 / 18.5	1440		13	12	11.5	11	10.5	10	9	-
14	200PCC-300-13-30	30 / 22	1440		15.5	15	14.5	14	13.5	13	12	-
15	200PCC-300-15-30	30 / 22	1440		17.5	17	16.5	16	15.5	15	14	-
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	100	200	300	400	500	600	700	800
16	250PCC-400-7-25	25 / 18.5	1440	Head (m)	10.5	10	8.5	7	5	-	-	-
17	250PCC-400-10-30	30 / 22	1440		12.5	12	11.5	10	7	-	-	-
18	250PCC-400-13-30	30 / 22	1440		15.5	15	14	13	9.5	-	-	-
19	300PCC-600-6-30	30 / 22	1440		9	8.5	8	7	6.5	6	4	-
20	300PCC-600-7-30	30 / 22	1440		10	9.5	9	8.5	8	7	5	-

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



Sewage - Chopper Pump - PCC Series

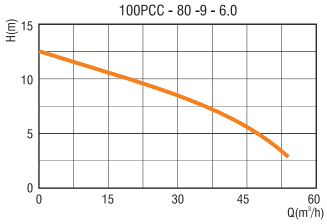
Performance Chart

S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	40	80	120	160	200			
21	100PCC-80-9-6.0	6.0 / 4.5	960	Head (m)	11	9	6.8	3.5	-			
22	100PCC-80-10-7.5	7.5 / 5.5	960		11.5	10	8	5.5	2			
23	100PCC-80-12-7.5	7.5 / 5.5	960		13.5	12	10	7	2			
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	80	160	240	320	400			
24	150PCC-160-7-7.5	7.5 / 5.5	960	Head (m)	10	7	3	-	-			
25	150PCC-160-8-7.5	7.5 / 5.5	960		11.5	8	3.5	-	-			
26	150PCC-160-9-10	10 / 7.5	960		13	9	4	-	-			
27	150PCC-160-11-10	10 / 7.5	960		15	11	6	-	-			
28	150PCC-160-13-15	15 / 11	960		17	13	8.5	4	-			
29	150PCC-160-15-15	15 / 11	960		18	15	10.5	5	-			
30	200PCC-320-20-40	40 / 30	960		24	23	21.5	20	17.5			
31	200PCC-300-25-50	50 / 37	960		28	27	26	24.5	22			
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	100	200	300	400	500	600	700	800
32	250PCC-500-10-40	40 / 30	960	Head (m)	12.5	12	11.5	11	10	8	-	-
33	250PCC-500-14-50	50 / 37	960		18.5	18	17	15.5	14	12	-	-
34	300PCC-700-10-40	40 / 30	960		14	13.8	13.5	13	12.2	11.2	10	9
35	300PCC-700-12-50	50 / 37	960		16.7	16.5	16.2	15.8	15.2	14	12	10

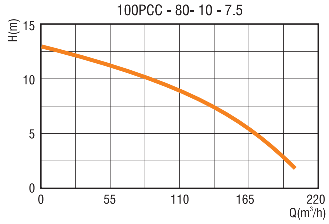
Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve

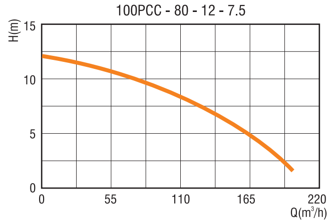
100PCC - 80 -9 - 6.0



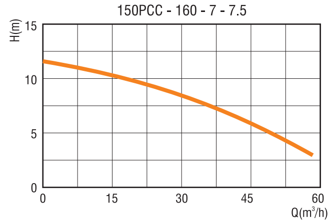
100PCC - 80- 10 - 7.5



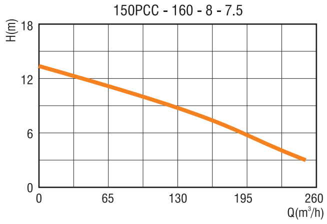
100PCC - 80 - 12 - 7.5



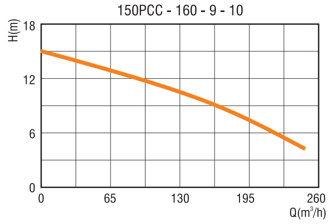
150PCC - 160 - 7 - 7.5



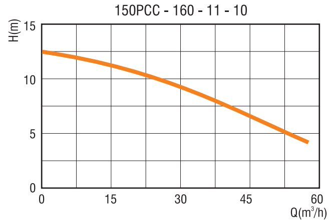
150PCC - 160 - 8 - 7.5



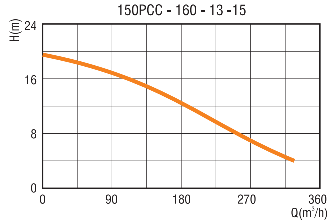
150PCC - 160 - 9 - 10



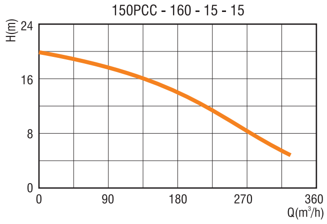
150PCC - 160 - 11 - 10



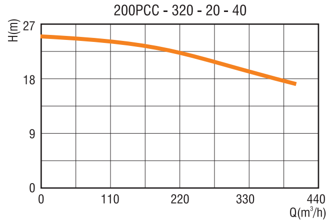
150PCC - 160 - 13 -15



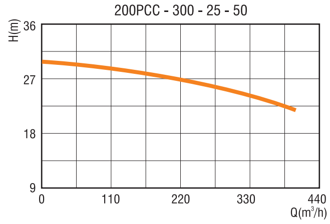
150PCC - 160 - 15 - 15



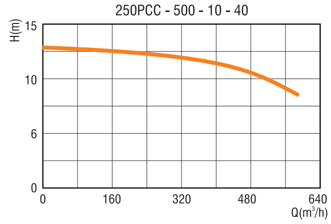
200PCC - 320 - 20 - 40



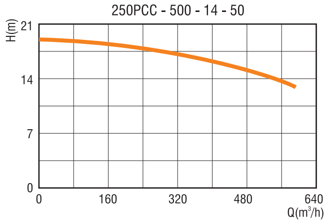
200PCC - 300 - 25 - 50



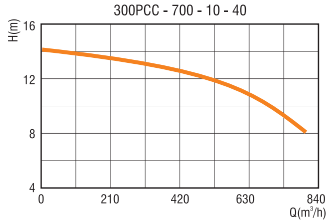
250PCC - 500 - 10 - 40



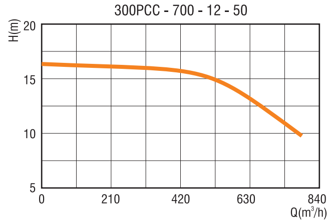
250PCC - 500 - 14 - 50



300PCC - 700 - 10 - 40

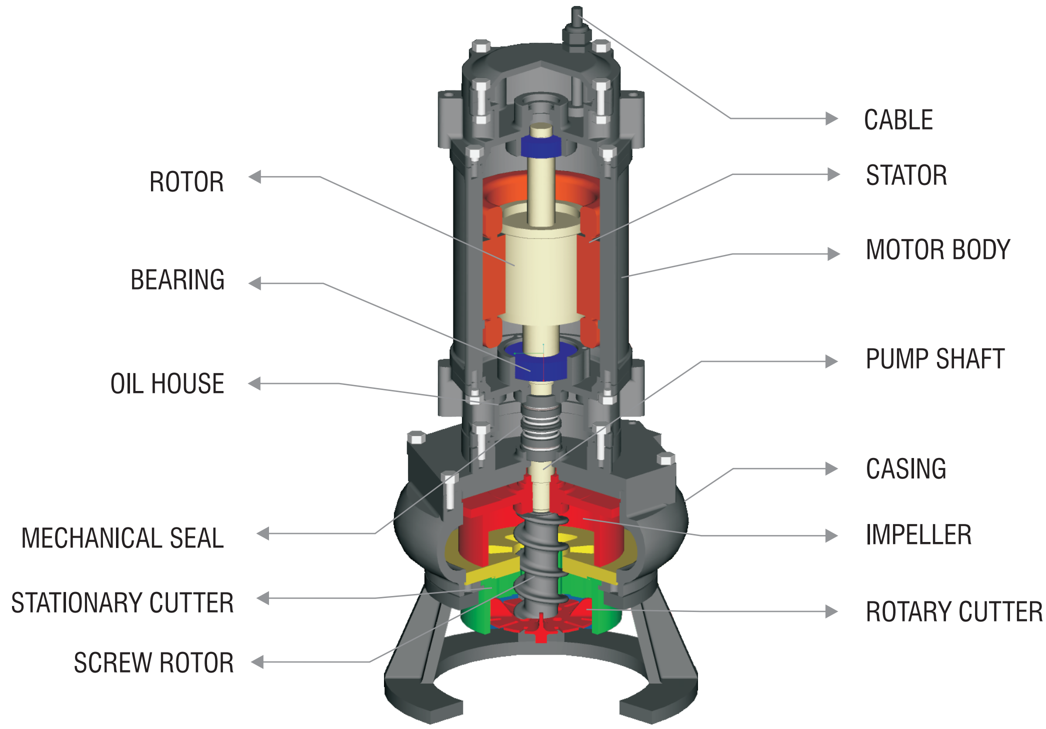


300PCC - 700 - 12 - 50

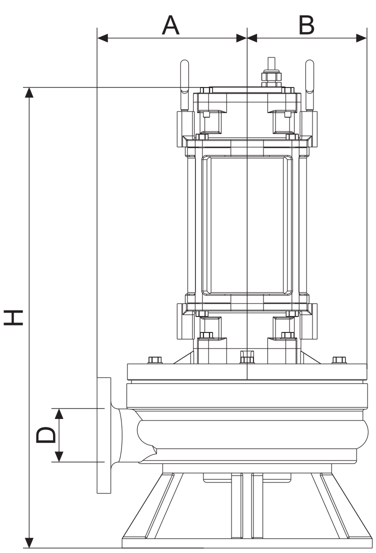


Sewage - Chopper Grinder Pump - PCG Series

Cross Sectional View



Dimensional Details



Model	A	B	D	H
65PCG - 40 - 8 - 4.0	245	163	65	600
80PCG - 38 - 6 - 4.0	279	177	80	600
80PCG - 60 - 8 - 5.0	279	177	80	690
100PCG - 75 - 6 - 5.0	250	186	100	690
100PCG - 80 - 12 - 7.5	292	194	100	770
100PCG - 105 - 11 - 10	292	194	100	770
100PCG - 105 - 14 - 12.5	266	175	100	920
150PCG - 130 - 12 - 12.5	286	227	150	920
150PCG - 122 - 15 - 15	286	227	150	920
150PCG - 142 - 8 - 15	286	227	150	920
150PCG - 210 - 6 - 15	286	227	150	920
200PCG - 285 - 6 - 20	340	279	200	1230
200PCG - 285 - 9 - 25	340	279	200	1290
200PCG - 285 - 12 - 30	340	279	200	1290
200PCG - 285 - 14 - 30	340	279	200	1290
250PCG - 380 - 6 - 25	370	293	250	1310
250PCG - 380 - 9 - 30	370	293	250	1310
250PCG - 380 - 12 - 30	370	293	250	1310

Model	A	B	D	H
300PCG - 570 - 6 - 30	370	350	300	1330
300PCG - 570 - 7 - 30	370	350	300	1330
100PCG - 75 - 8 - 6.0	292	194	100	770
100PCG - 75 - 9 - 7.5	292	194	100	770
100PCG - 75 - 11 - 7.5	292	194	100	770
150PCG - 150 - 6 - 7.5	286	227	150	795
150PCG - 150 - 7 - 7.5	286	227	150	795
150PCG - 150 - 8 - 10	286	227	150	795
150PCG - 150 - 10 - 10	286	227	150	795
150PCG - 150 - 12 - 15	286	227	150	920
150PCG - 150 - 14 - 15	286	227	150	920
200PCG - 285 - 19 - 40	440	343	200	1850
200PCG - 285 - 24 - 50	440	343	200	1850
250PCG - 475 - 9 - 40	477	362	250	1950
250PCG - 475 - 13 - 50	477	362	250	1950
300PCG - 665 - 9 - 40	437	411	300	1710
300PCG - 665 - 11 - 50	437	411	300	1710

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

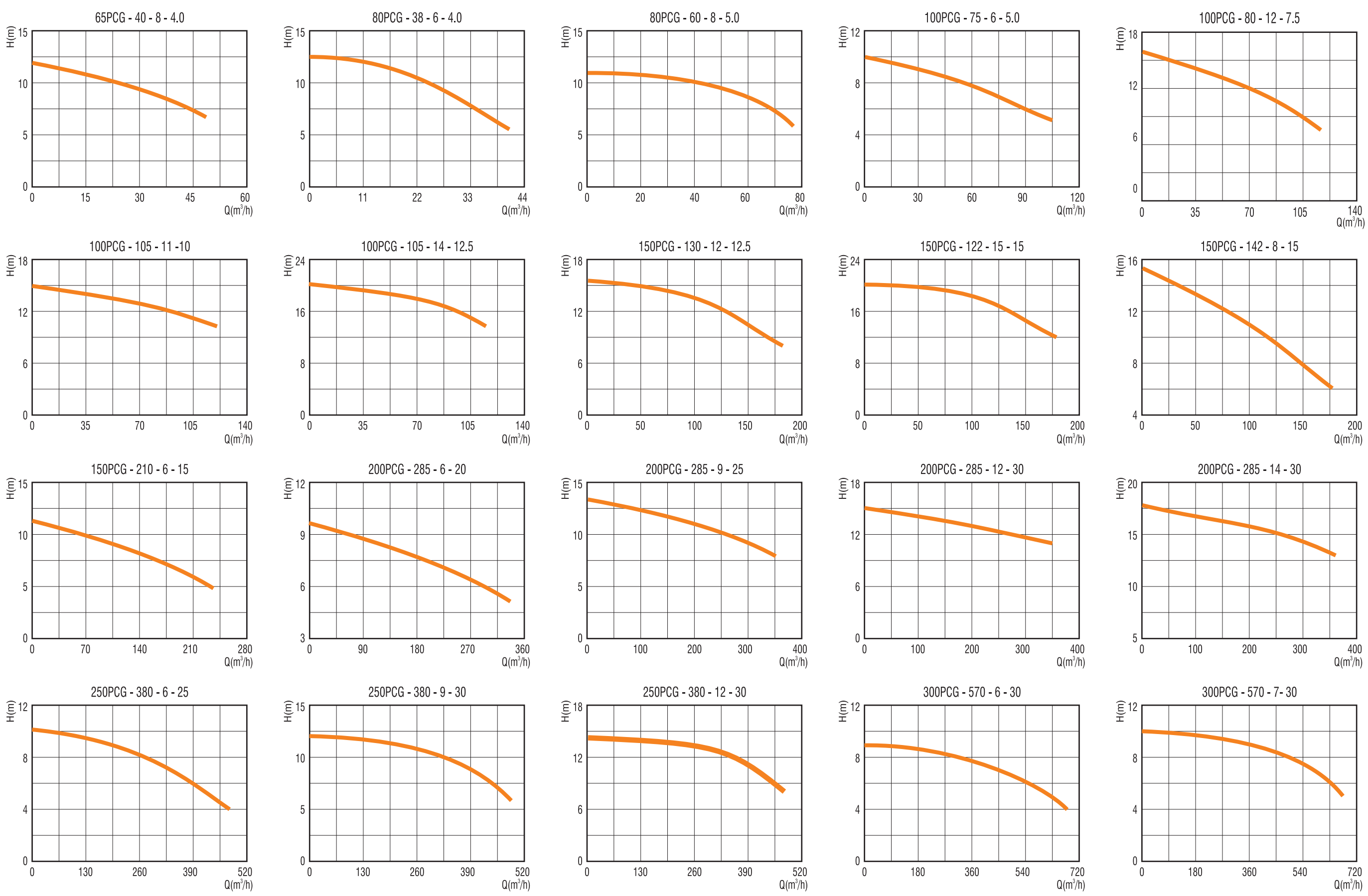
Sewage - Chopper Grinder Pump - PCG Series

Performance Chart

S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	7	14	21	28	35	42	49	56
1	65PCG-40-8-4.0	4.0 / 3.0	1440	Head (m)	11.5	11	10.5	9.8	9	8	7	-
2	80PCG-38-6-4.0	4.0 / 3.0	1440		12	11	10	8.5	7	5.5	-	-
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	15	30	45	60	75	90	105	120
3	80PCG-60-8-5.0	5.0 / 3.7	1440	Head (m)	11.5	11	10	8.5	6	-	-	-
4	100PCG-75-6-5.0	5.0 / 3.7	1440		9.5	9	8	7	6	5	-	-
5	100PCG-80-12-7.5	7.5 / 5.5	1440		15.2	14.6	14	13.2	12.2	11	9.5	7.2
6	100PCG-105-11-10	10 / 7.5	1440		14.5	14	13.5	13	12.5	12	11	10
7	100PCG-105-14-12.5	12.5 / 9.3	1440		19.5	19	18.5	18	17	16	15	13
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	30	60	90	120	150	180	210	240
8	150PCG-130-12-12.5	12.5 / 9.3	1440	Head (m)	15.3	14.7	13.8	12.5	10.8	8	-	-
9	150PCG-122-15-15	15 / 11	1440		19.5	19	18	16.5	14.5	12	-	-
10	150PCG-142-8-15	15 / 11	1440		14	13	11.5	10	8	6	-	-
11	150PCG-210-6-15	15 / 11	1440		11.5	11	10.5	9.5	8.5	7	6	5
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	50	100	150	200	250	300	350	400
12	200PCG-285-6-20	20 / 15	1440	Head (m)	9.5	9	8.5	7.8	7	6	5	
13	200PCG-285-9-25	25 / 18.5	1440		13	12.5	11.8	11.2	10.5	9.5	8	-
14	200PCG-285-12-30	30 / 22	1440		15.2	14.5	13.8	13.2	12.5	11.5	10	-
15	200PCG-285-14-30	30 / 22	1440		17.5	17	16.5	15.8	15	14	13	-
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	100	200	300	400	500	600	700	800
16	250PCG-380-6-25	25 / 18.5	1440	Head (m)	9.5	8.8	7.7	6	4	-	-	-
17	250PCG-380-9-30	30 / 22	1440		11.5	11	10.2	8.5	6	-	-	-
18	250PCG-380-12-30	30 / 22	1440		14.3	13.8	13	11.5	8.5	-	-	-
19	300PCG-570-6-30	30 / 22	1440		8.8	8.3	7.8	7.2	6.7	6	4	-
20	300PCG-570-7-30	30 / 22	1440		9.6	9.2	8.8	8.4	7.8	7	5	-

Note : Recommended Particle Size 50 - 80 % of Discharge Size

Performance Curve



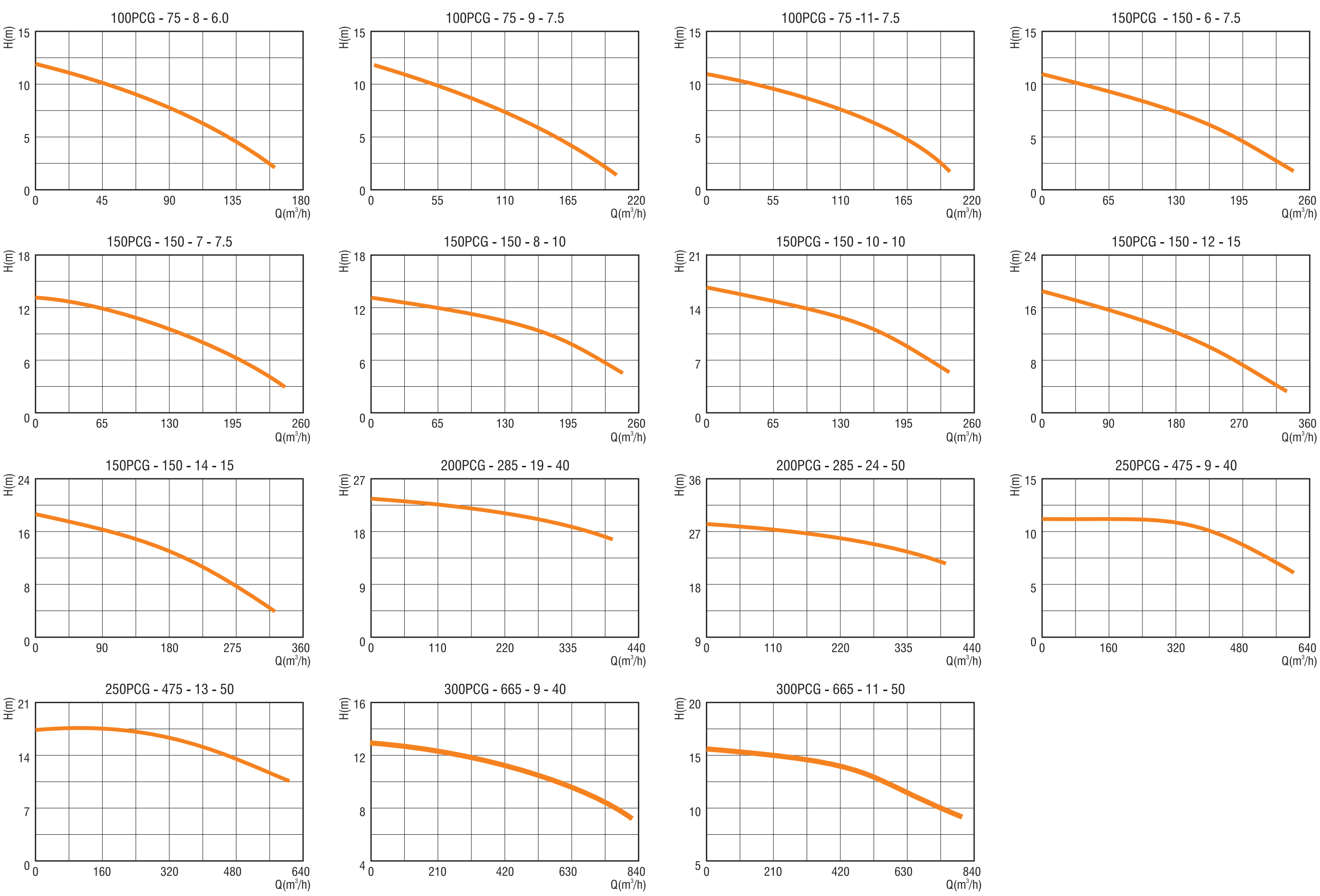
Sewage - Chopper Grinder Pump - PCG Series

Performance Chart

S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	40	80	120	160	200			
21	100PCG-75-8-6.0	6.0 / 4.5	960	Head (m)	10	8	5.8	2.5	-			
22	100PCG-75-9-7.5	7.5 / 5.5	960		10.5	9	7	4.5	1.5			
23	100PCG-75-11-7.5	7.5 / 5.5	960		12.5	11	9	6	2			
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	75	150	225	300	375			
24	150PCG-150-6-7.5	7.5 / 5.5	960	Head (m)	9	6	2	-	-			
25	150PCG-150-7-7.5	7.5 / 5.5	960		10.5	7	3	-	-			
26	150PCG-150-8-10	10 / 7.5	960		11.5	8	4	-	-			
27	150PCG-150-10-10	10 / 7.5	960		14	10	5	-	-			
28	150PCG-150-12-15	15 / 11	960		16	12	7.5	3	-			
29	150PCG-150-14-15	15 / 11	960		17	14	9.5	4	-			
30	200PCG-285-19-40	40 / 30	960		23	22	20.5	19	16.5			
31	200PCG-285-24-50	50 / 37	960		27	26	25	23.5	21			
S.No	Model	Motor Power HP/kW	Speed rpm	Q(m³/h)	100	200	300	400	500	600	700	800
32	250PCG-475-9-40	40 / 30	960	Head (m)	11.5	11	10.5	10	9	7	-	-
33	250PCG-475-13-50	50 / 37	960		17.5	17	16	14.5	13	11	-	-
34	300PCG-665-9-40	40 / 30	960		13	12.8	12.5	12	11.2	10.2	9	7
35	300PCG-665-11-50	50 / 37	960		15.7	15.5	15.2	14.8	14.2	13	11	9

Note : Recommended Particle Size 50 - 80 % of Discharge Size

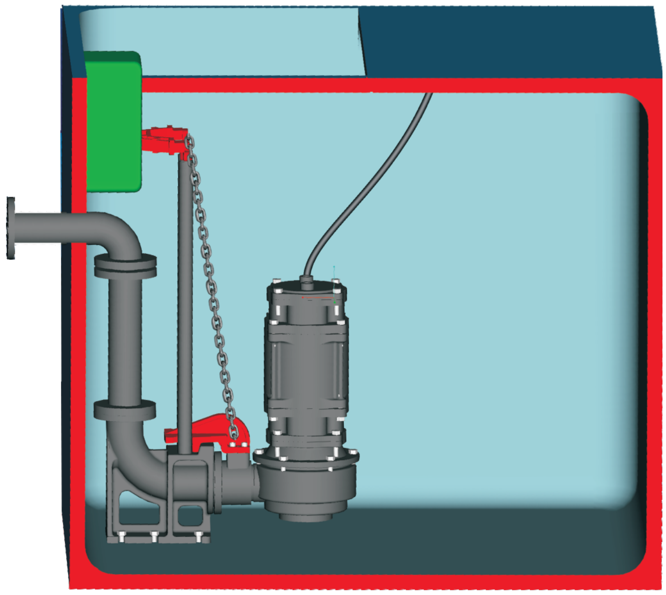
Performance Curve



Auto-Coupling system with Guide Rails

Introduction

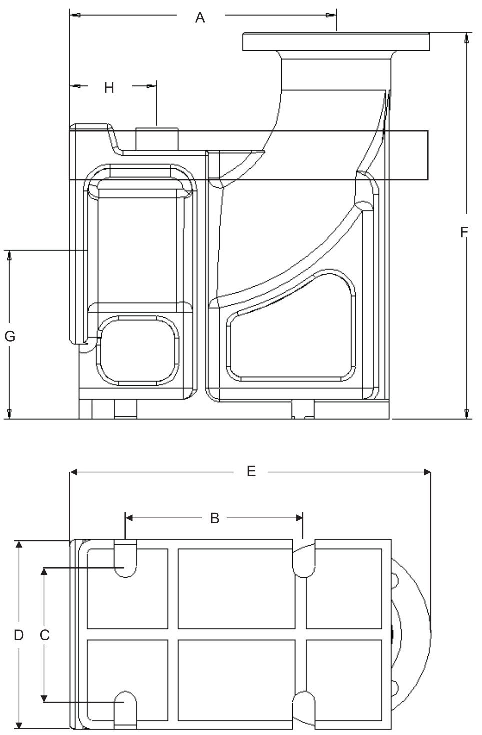
Auto coupling system readily connects / disconnects the pump to / from the piping system only by lifting up and down the pump. This simplifies regular maintenance and inspection, which will no longer require entry into the sump. Pump is mounted on guide rails with the use of a guide hook located at the pump discharge. Pump then can be lowered or removed by simply lifting with a chain. No bolting or unbolting flanges are required to remove or install the pump. The weight of the pump does the sealing, assuring that there is no leak by at the connection point.



Guide rail system comes with the following attachments,

1. Fixing stand
2. Locking arrangement
3. Bend pipe

Dimension Details



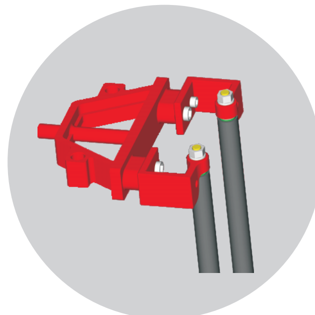
S.No	PIPE SIZE (inch)	A	B	C	D	E	F	G	H
1	2	97	102	104	140	184	171	100	22
2	2.5	295	200	165	200	290	250	165	115
3	3	356	250	203	270	390	400	200	115
4	4	350	250	203	270	390	400	200	115
5	6	395	279	254	309	390	450	250	115
6	8	425	279	254	309	381	450	257	115
7	10	476	502	254	309	628	476	254	115
8	12	552	502	502	620	651	800	500	115

* All dimensions are in mm
* Dimensions shown are for guidance and planning purposes only

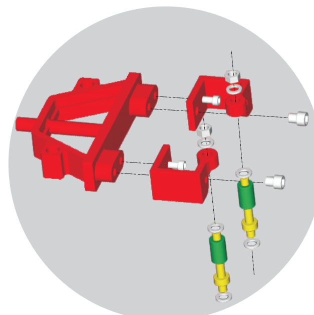
The Discharge connections shown here is typical in appearance for most pumps

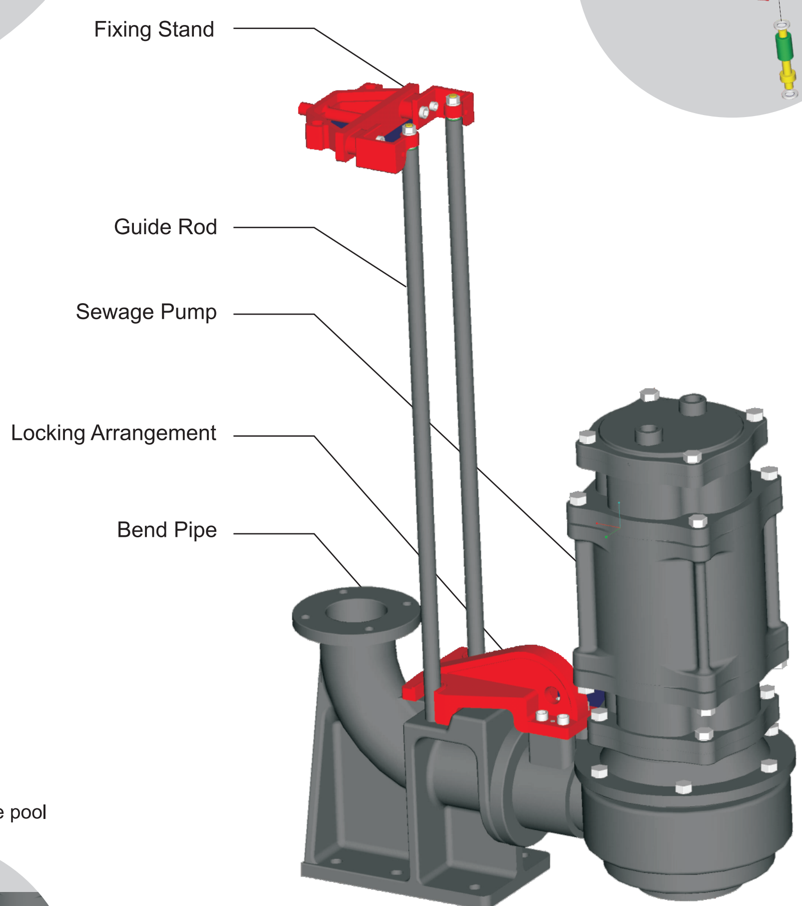
Auto-Coupling system with Guide Rails

Auto Coupling Assembly

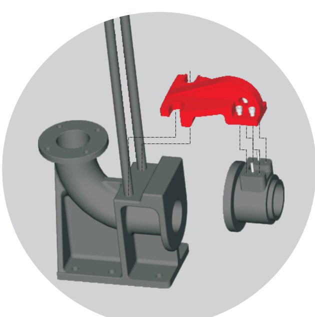


Tightly press the rubber cork with bolts
and adjust its diameter to be identical
to the ID of the guide rod, fix the guide rod.
Fixing stand-material in steel casting.

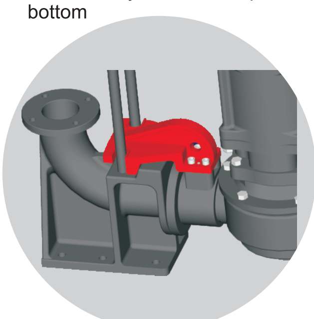




Connected together with the pump
and slides down onto the outlet pipe seat.
Locking arrangement-material in steel casting.



Permanently fixed on the pool
bottom



Under the self weight of the pump, both coupling stand and fit inclined plane of the outlet pipe seat are tightly wedged and then closely fitted with the sealing surface of the seat to finish automatic coupling installation. The pump will automatically separate from the outlet pipe seat when lifted. Bend pipe-material in cast iron.

Notes

Notes

Notes

Notes

ISO 9001 BUREAU VERITAS Certification
An ISO 9001 : 2008 Company
UKAS QUALITY MANAGEMENT 008

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