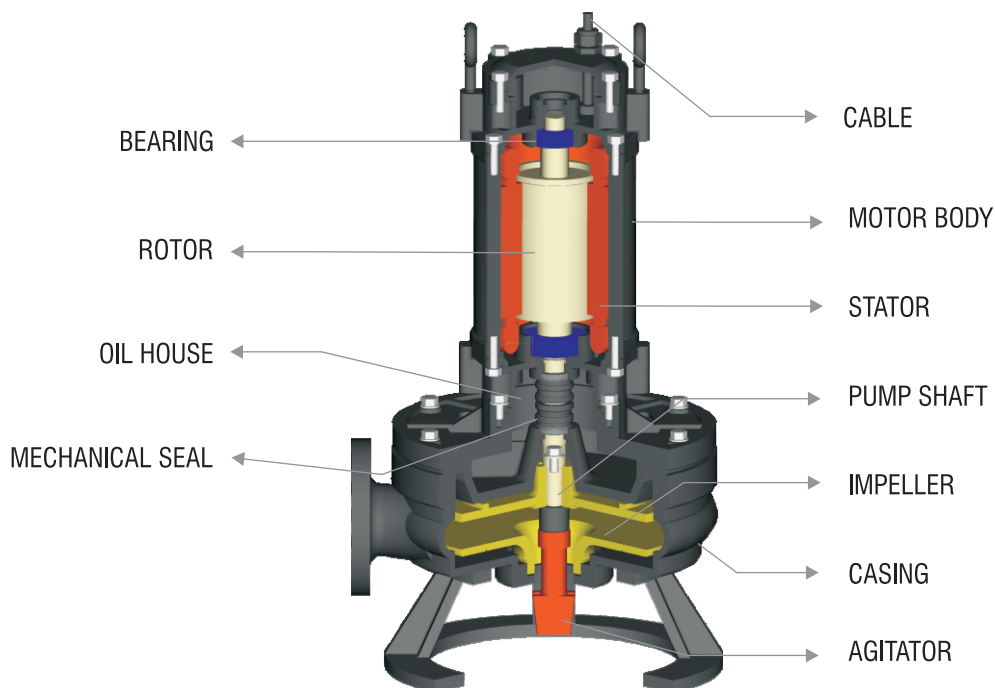
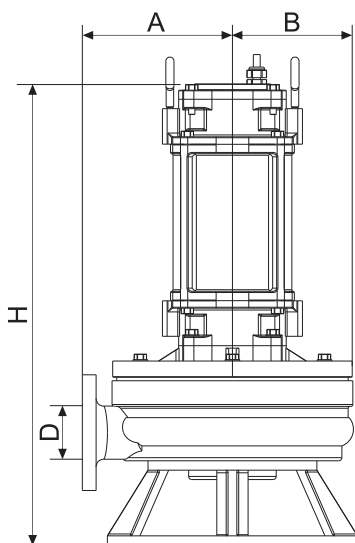


Sewage - Agitator Slurry Pump - PA Series

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.

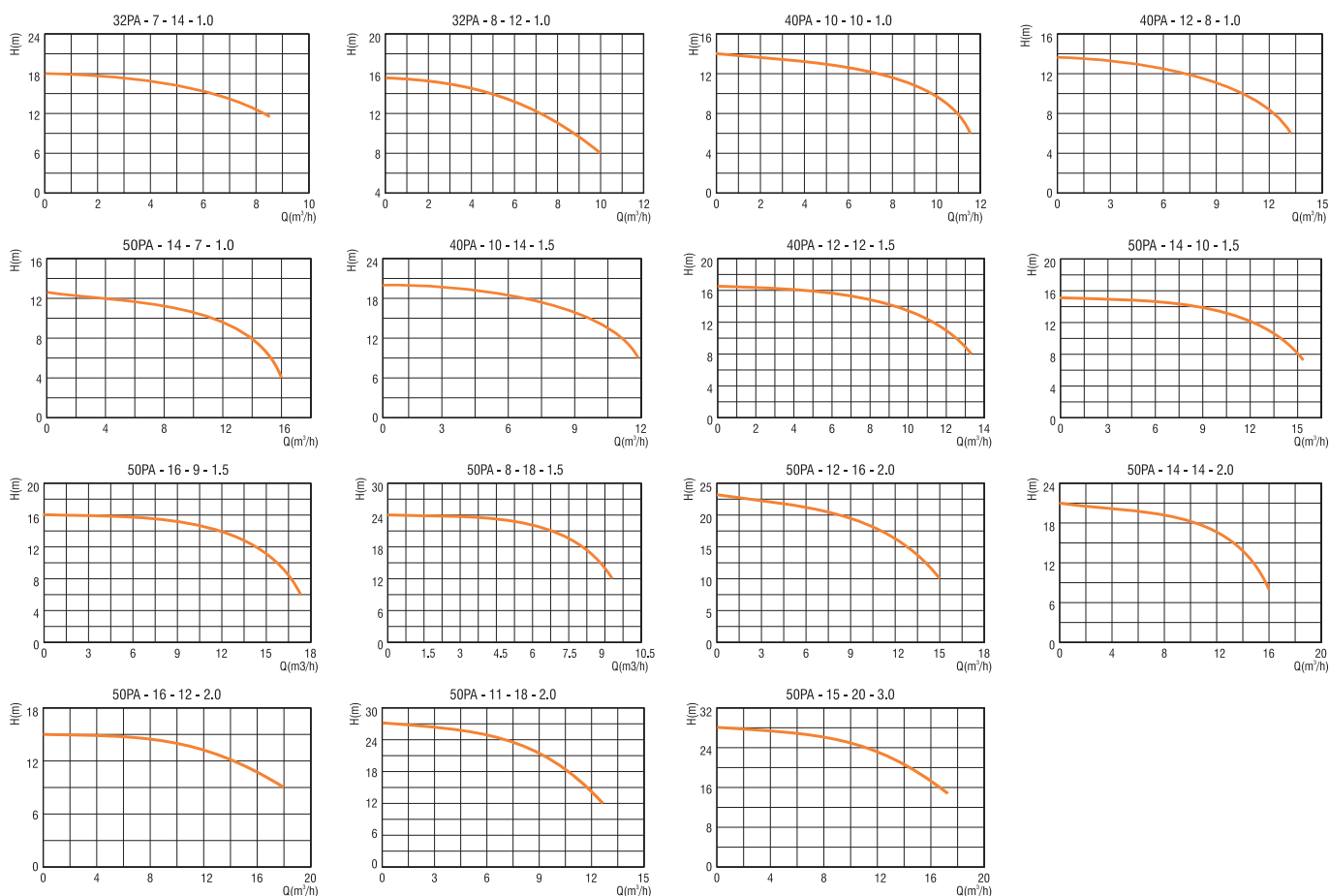
Sewage - Agitator Slurry Pump - PA Series

Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m ³ /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

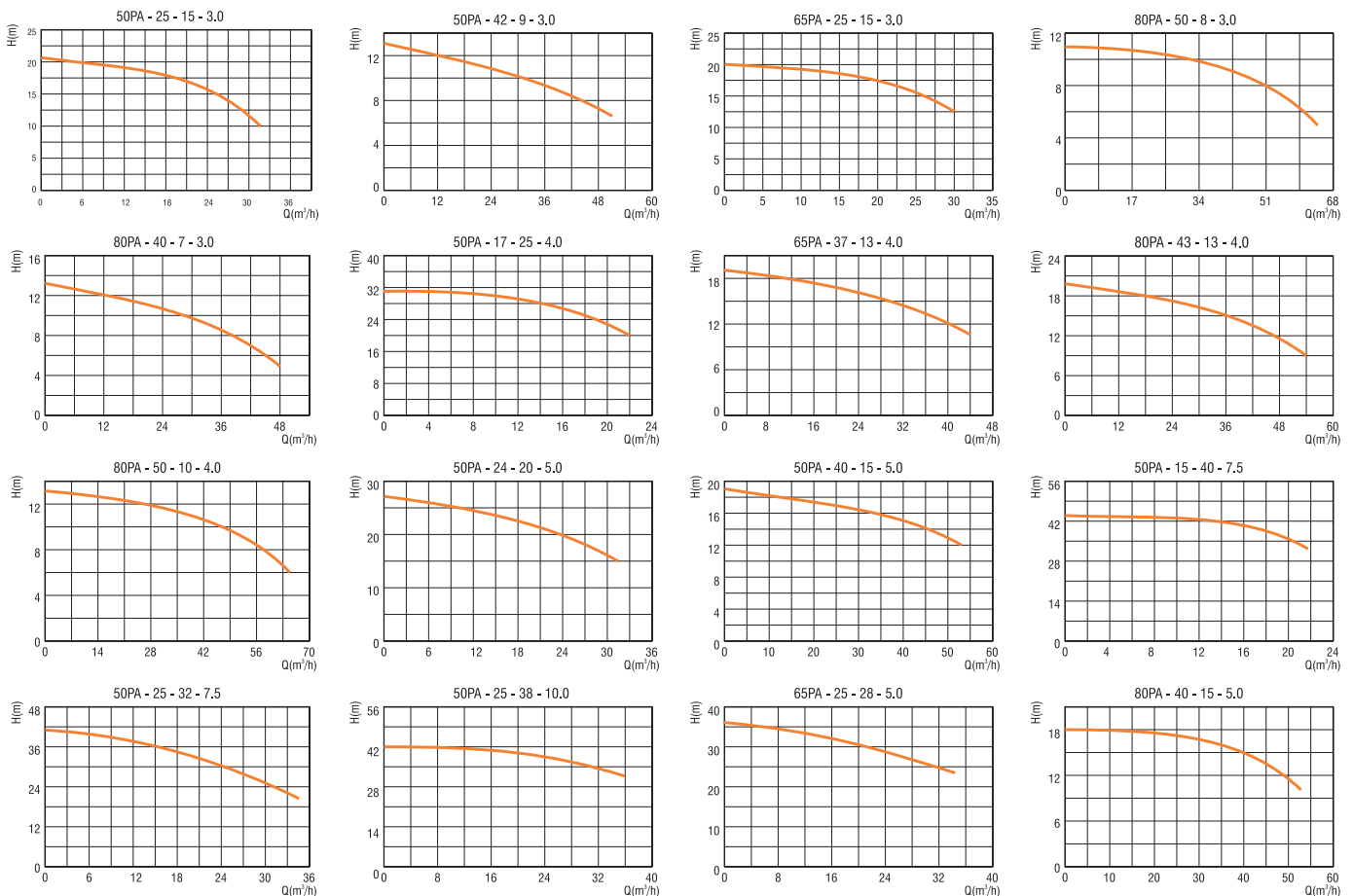
Performance Chart

S.No	Model	Motor Power HP/kW	Max. Particle Size (mm)	Q(m ³ /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(m ³ /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(m ³ /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(m ³ /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

