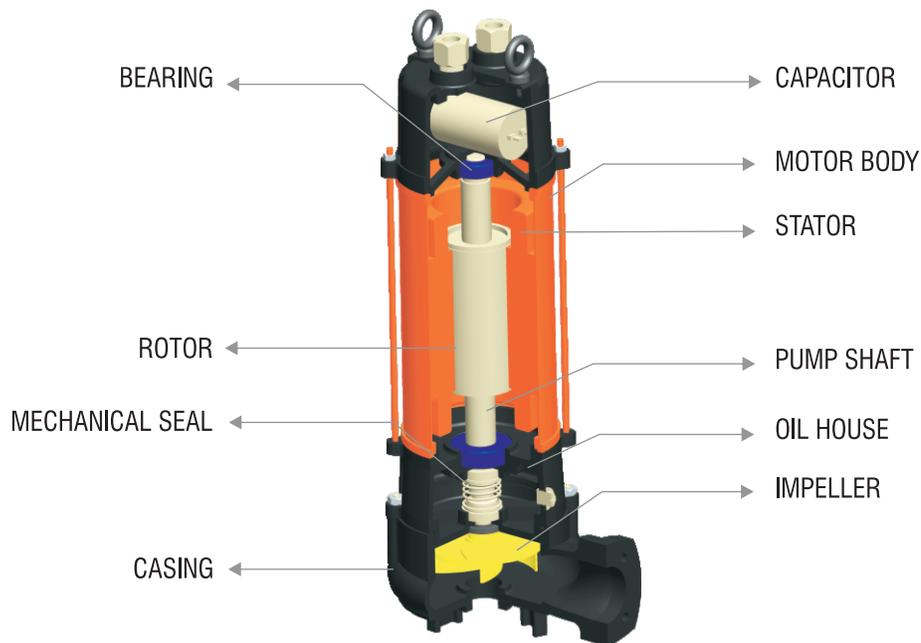
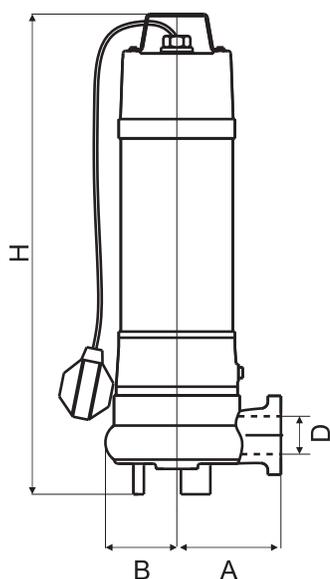


## Drainage Pump - PDS Series

### 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(m <sup>3</sup> /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(m <sup>3</sup> /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(m <sup>3</sup> /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(m <sup>3</sup> /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

