

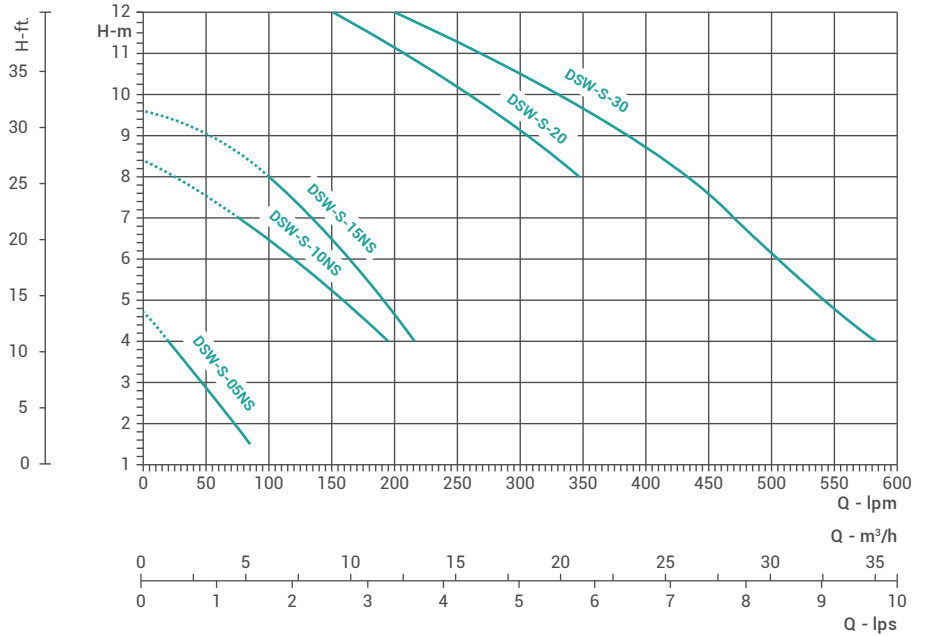
THE POWER OF
PLUS



**WASTE WATER
PUMPS
- 50 Hz**

WASTE WATER PUMPS

DSW-S Series



Specifications

Power	1 to 3 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 230V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	B Class
Head Range	1 to 12m
Flow Range	20 to 583lpm

Materials of Construction

Pump Casing	SS 304
Motor Housing	SS 304
Impeller	SS 304/Plastic
Shaft	SS 304
Mechanical Seal	Carbon Ceramic
Cable	10 mtr H07RNF

Operating Conditions

Max. Liquid Temp.	50°C
-------------------	------

Applications

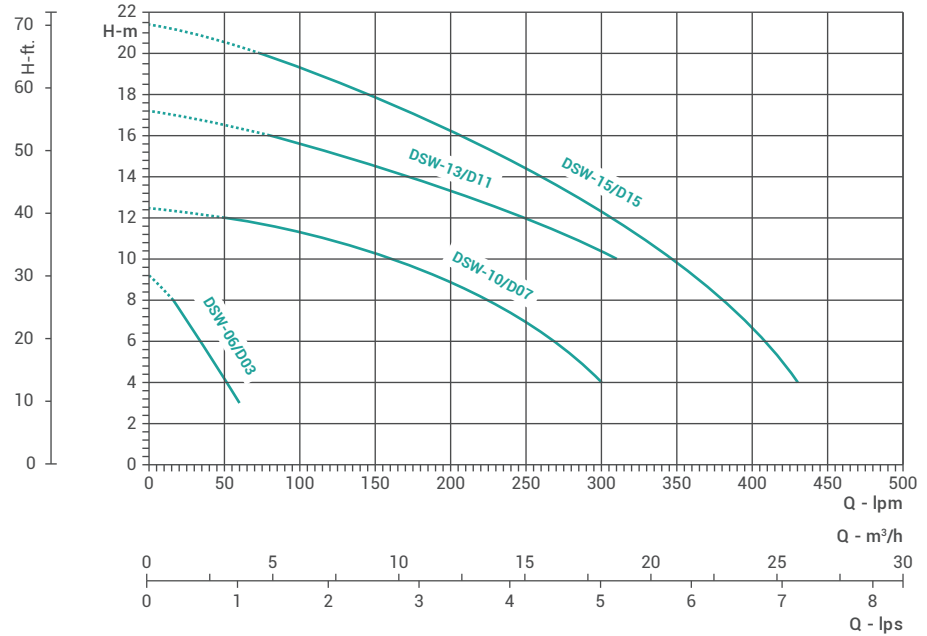
- Sewage treatment plants
- Industrial Dewatering
- Mines & Civil construction

Performance Table

Model	Power		Ph	Outlet Size (mm)	Solid Size (mm)	Head in meter																
	HP	kW				1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	8	9	10	12	
DSW-S-05NS	0.5	0.37	1Ph	40	5	120	85	73	58	47	33	20										
DSW-S-10NS	1	0.75	1Ph	40	5							195	175	160	140	122	76					
DSW-S-15NS	1.5	1.1	1Ph	40	5							216	202	190	175	166	133	100				
DSW-S-20	2	1.5	1Ph/3Ph	50	5													347	305	260	151	
DSW-S-30	3	2.2	1Ph/3Ph	80	5							583	560	540	525	500	470	433	380	333	200	

WASTE WATER PUMPS

DSW Series



Specifications

Power	0.5 to 3 HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	3 to 20m
Flow Range	16 to 463lpm

Materials of Construction

Pump Body	Cast Iron
Motor Body	SS 304
Impeller	Cast Iron
Shaft	Carbon Steel
Mechanical Seal	Carbon Ceramic
Cable	8 mtr H07RN-F

Operating Conditions

Max. Liquid Temp 50°C

Applications

Sewage treatment plants Mines & Civil construction
Industrial Dewatering

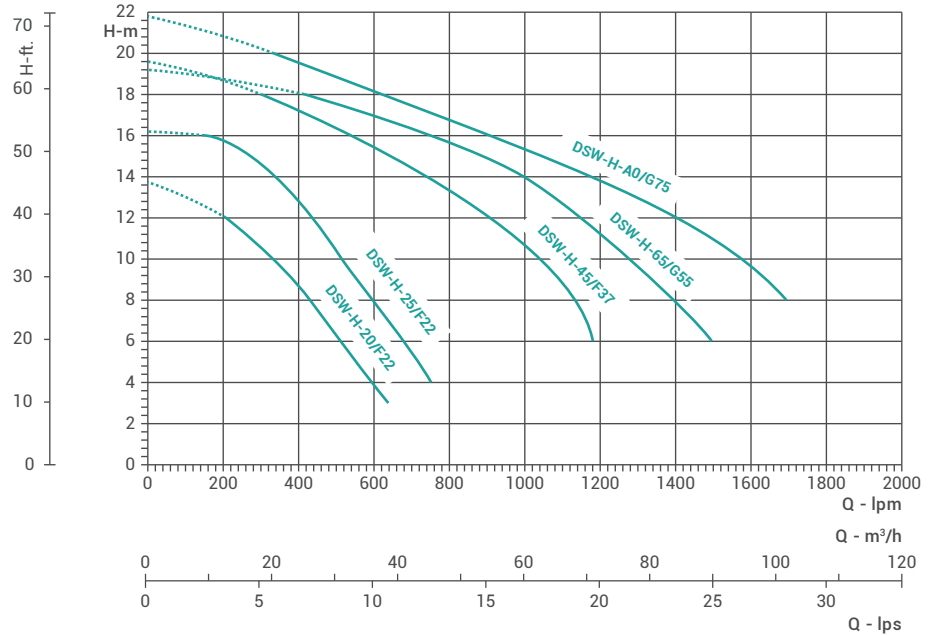
Performance Table

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)	Discharge in lpm	Head in meter									
						5	6	7	8	10	12	14	16	18	20
DSW-06/D03	0.5	0.37	25	15	66	43	28	16							
DSW-10/D07	1	0.75	50	25		300	260	225	170	50					
DSW-13/D11	1.5	1.1	50	30		430	410	390	330	250	170	80			
DSW-15/D15	2	1.5	50						310	292	255	220	146	73	

- * Model name with S - 1Ph & T - 3Ph
- * Float switch is available only for 1Ph

WASTE WATER PUMPS

DSW-H Series



Specifications

Power	2 to 10 HP
Speed	2900rpm
Version	3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	6 to 27m
Flow Range	150 to 1693lpm

Materials of Construction

Pump Body	Cast Iron
Motor Body	Cast Iron
Impeller	Cast Iron
Shaft	Carbon Steel
Mechanical Seal	Sic / Hard Alloy
Cable	8 mtr H07RN-F

Operating Conditions

Max. Liquid Temp	50°C
------------------	------

Applications

Sewage treatment plants	Mines & Civil construction
Industrial Dewatering	

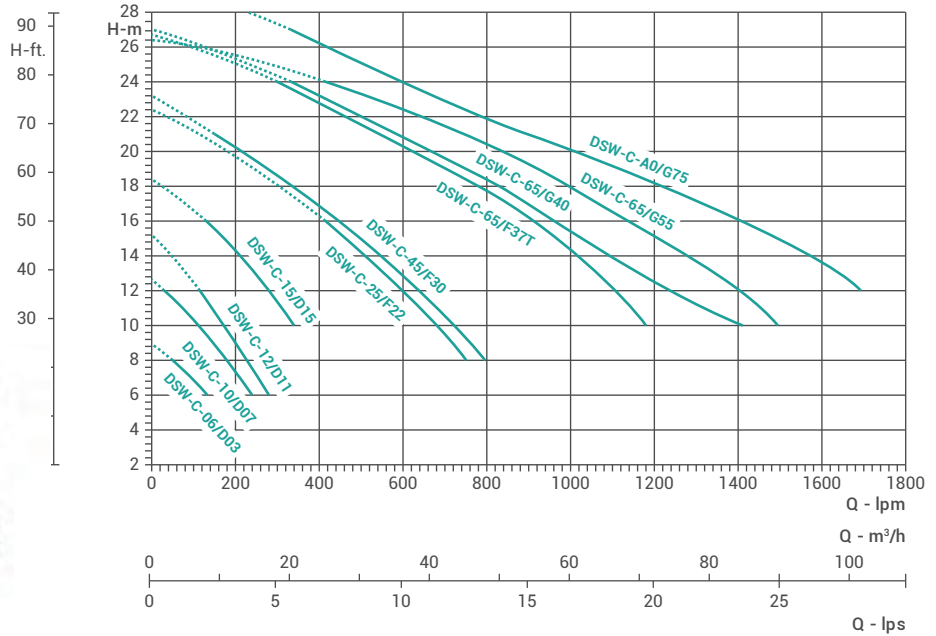
Performance Table

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)	Discharge in lpm	Head in meter										
						5	6	7	8	10	12	14	16	18	20	
DSW-H-20/F22	3	2.2	80	15	Discharge in lpm	664	581	498	430	332	207					
DSW-H-25/F22	3	2.2	80	15			751	680	597	514	415	348	150			
DSW-H-45/F37	5.5	4	80	25				1180	1130	1012	921	796	531	300		
DSW-H-45/G40	5.5	4	100	25				1411	1170	1080	970	830	581	332		
DSW-H-65/G55	7.5	5.5	100	25				1495	1411	1261	1130	996	747	415		
DSW-H-A0/G75	10	7.5	100	30					1693	1593	1394	1195	896	597	332	

* Model name with S - 1Ph & T - 3Ph
 * Float switch is available only for 1Ph

WASTE WATER PUMPS

DSW-C Series



Specifications

Power	1 to 7.5 HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	6 to 27 m
Flow Range	30 to 1693 lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Housing	SS / CI
Impeller	High Chrome
Shaft	SS / Carbon Steel
Cutter Blade	SS
Mechanical Seal	Graphite - Silicon Carbide
Cable	8 mtr H07RNF

Operating Conditions

Max. Liquid Temp.	50°C
-------------------	------

Applications

- Waste Water treatment plant
- Medical waste disposal
- Industrial waste disposal

Performance Table

Model	HP	kW	Outlet Size(mm)		Head in meter												
					6	8	10	12	14	16	18	21	24	27			
DSW-C-06/D03	0.5	0.37	50	Discharge In lpm	133	50											
DSW-C-10/D07	1	0.75	50		240	175	120	30									
DSW-C-12/D11	1.5	1.1	50		280	230	165	115									
DSW-C-15/D15	2	1.5	50				340	280	215	130							
DSW-C-25/F22	3	2.2	80			751	680	597	514	415	348	150					
DSW-C-45/F30	4	3	80			796	733	647	547	440	350	150					
DSW-C-65/F37	5.5	4	80				1180	1130	1012	921	796	531	300				
DSW-C-65/G40	5.5	4	100				1411	1170	1080	970	830	581	332				
DSW-C-65/G55	7.5	5.5	100				1495	1411	1261	1130	996	747	415				
DSW-C-A0/G75	10	7.5	100					1693	1593	1394	1195	896	597	332			

* Model name ends with S - 1Ph & T - 3 Ph



Duke Plasto Technique Private Limited

Palanpur-385510 (N. Gujarat) India

www.dukepumps.com