



WIND MAXX

SUBMERSIBLE SEWAGE PUMP

WDS-Series



Easy
Installation



APPLICATION

WASTEWATER

WasteWater
Treatment Plant



Wastewater
Treatment Tank



Product for Life

SUBMERSIBLE VORTEX SEWAGE PUMP

WDS - SERIES

Production Features :-

Through simple and convenient installation, we can connect the pump onto guide rail device. Whenever the pump needs maintenance, it can be easily pulled out through guide bar to dismantle, repair or examine the pump. For safety purpose, The workers no longer need to go down the septic tank to do maintenance. It will greatly reduce down time.

Applications :-

Animal husbandry and dairying septic tank waste water drainage, sewers, apartments, buildings and basements sewage treatment equipment drainage, Dye house, fur and leather industry and steel industry waste water drainage, other waste water treatments drainage.

Features :-

Submersible sewage pump model WDS impeller is Non-clogging.

Dry Motor with overload protector. Cable with and epoxy resin sealed water-proof cable hood. Use deep groove C3 bearing to extend life time.

Oil seal mounted outside of seal chamber stops solids gathering around seal faces.

Motor Cover made form stainless steel 304 AISI.



Technical Data :-

Water temperature : 0 ~ 40 °C

Operating water depth : 8 ~ 10 M.

Speed : 2 Pole dry type motor, with overload protector

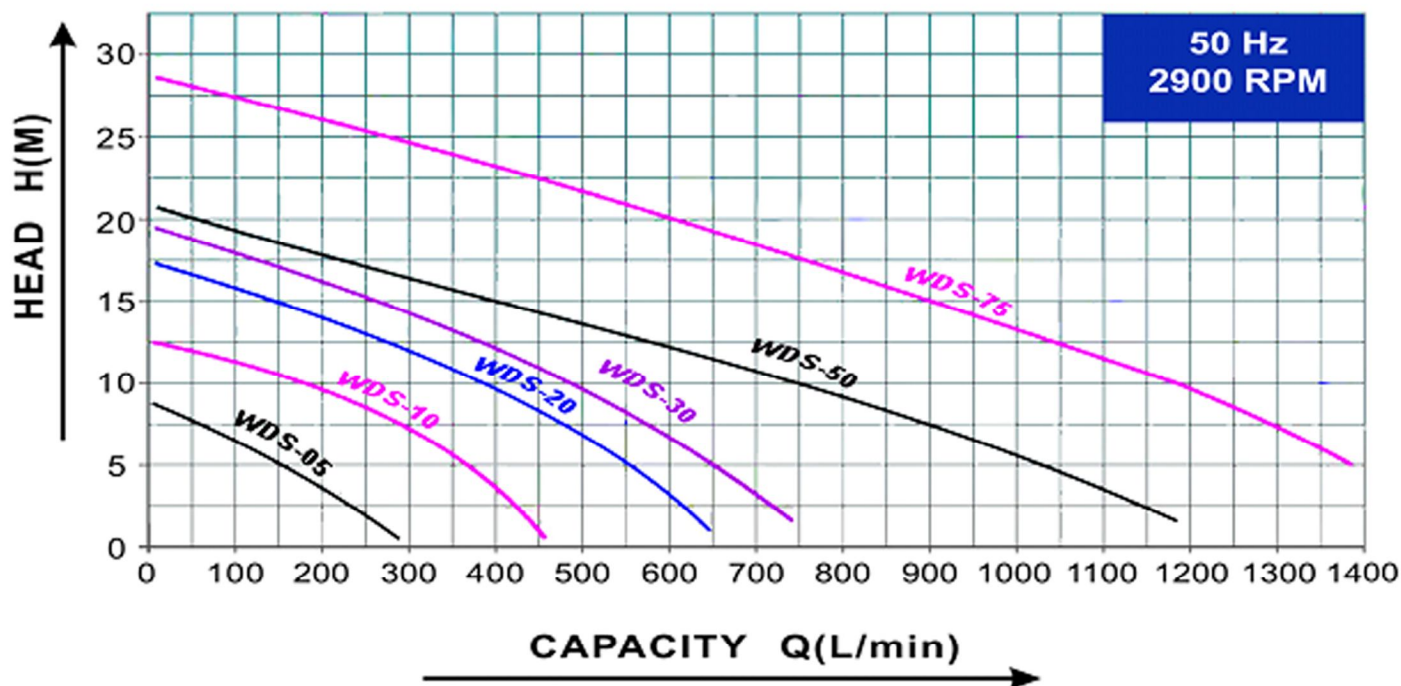
Insulation : F class

Protection : IP 68

Frequency : 50 Hz.



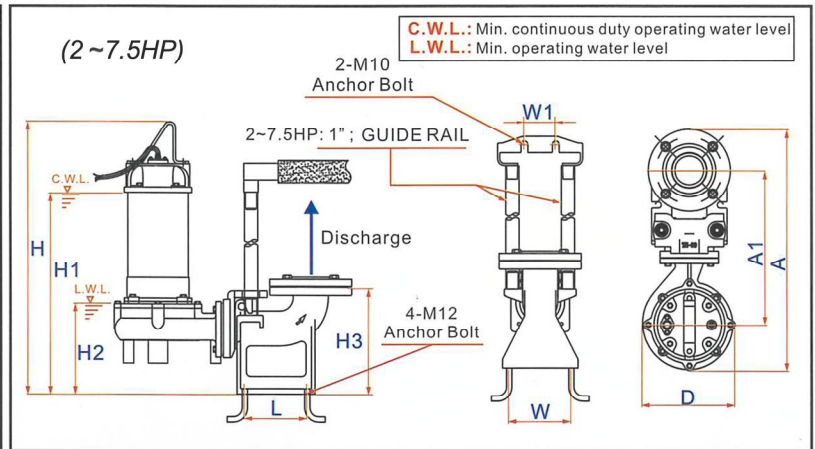
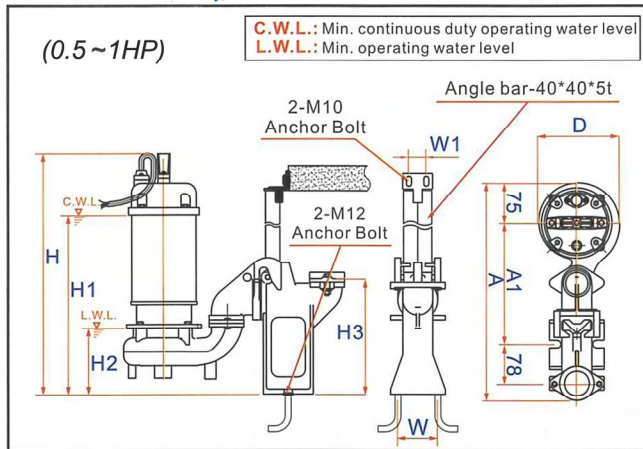
Vortex Impeller



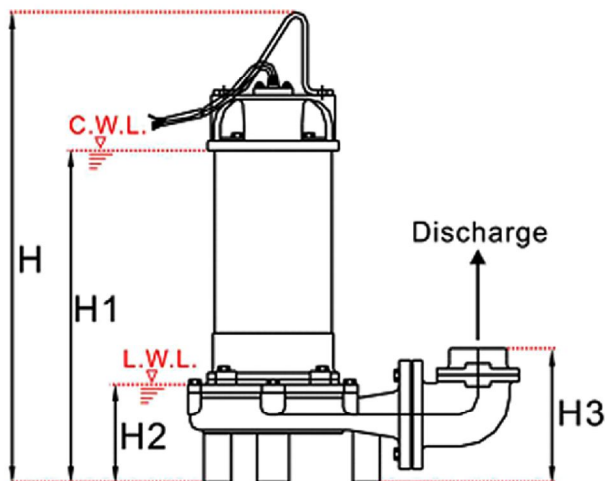
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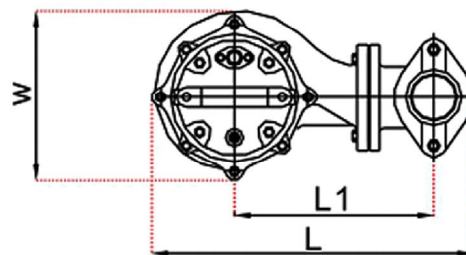
Dimensions : WSD with Q.D.C



Model	Power	Disch.	Dimensions(mm)										Weight(KG)	
	HP	Inch	A	A1	D	H	H1	H2	H3	L	W	W1	Q.D.C	PUMP & Q.D.C
WDS-05T	0.5	2"	425	240	150	422	307	150	225	---	80	35	6	19
WDS-10T	1	2"	425	240	150	502	377	150	225	---	80	35	6	24
WDS-20T	2	3"	545	350	210	650	480	210	243	110	140	70	16	49
WDS-30T	3	3"	545	350	210	670	500	210	243	110	140	70	16	51
WDS-50T	5	4"	725	515	230	745	580	270	310	160	150	70	24	79
WDS-75T	7.5	4"	725	515	230	785	620	270	310	160	150	70	24	85



NOTE: Forbid running submersible pumps continuously under L.W.L.



C.W.L.: Continuously Running Water Level.
L.W.L.: Lowest Running Water Level.

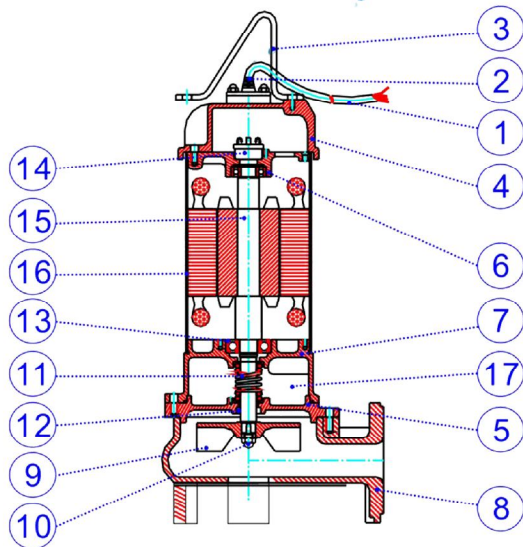
Model	Power		Disch.	Phase	Rated		Max.		Dimensions (mm)							Cable	Net Weight	Solid Passage
					Head	Capacity	Head	Cap.										
	KW	HP	Inch	φ	M	LPM	M	LPM	L	L1	W	H	H1	H2	H3	M	KG	MM
WDS-05 (A)(T)	0.37	0.5	2"	1,3	4~5	180~150	8.5	300	222	115	145	410	297	113	133	5	13	35
WDS-10 (A)(T)	0.75	1	2"	1,3	8~9	260~220	12.5	460	222	115	149	464	340	113	133	5	18	35
WDS-20 (A)(T)	1.5	2	2"(3")	1,3	9~10	420~380	17.0	650	387	234	208	548	400	122	153	5	33	35
WDS-30T	2.2	3	2"(3")	3	10~11	480~450	19.0	750	387	234	208	568	420	122	153	5	35	35
WDS-50T	3.7	5	3"(4")	3	11~13	700~500	21	1200	459	256	227	638	471	160	220	10	55	50
WDS-75T	5.5	7.5	3"(4")	3	13~15	1000~900	28.5	1450	459	256	227	678	511	160	220	10	61	50

Remarks: ● (A): Equipped with automatic float switch. ● (T): Three phase motor. ● 10M cable are available for 0.5~7.5HP models per special request.

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Parts and Materials List



No.	Parts	Standard Material	N0.	Parts	Standard Material
1	Cable	VCT	10	Nut	SUS304
2	Cable hood	PVC	11	Mech.Seal	CA/CE
3	Handle	Nylon6 or SS400	12	Oil seal	NBR
4	Motor Cover	Nylon6 or SS400	13	Bearing	(NTN o NSK brand)
5	Seal Housing	FC200	14	Overload pro- tector	(T.I.brand)
6	Bracket	FC200	15	Shaft	SUS 410
7	Oil chamber	FC200	16	Motor Housing	SUS 304
8	Pump Casing	FC200	17	Lubricant Oil	(Turbine Oil ISO VG46)
9	Impeller	FC200			

SOLID GRUOP

