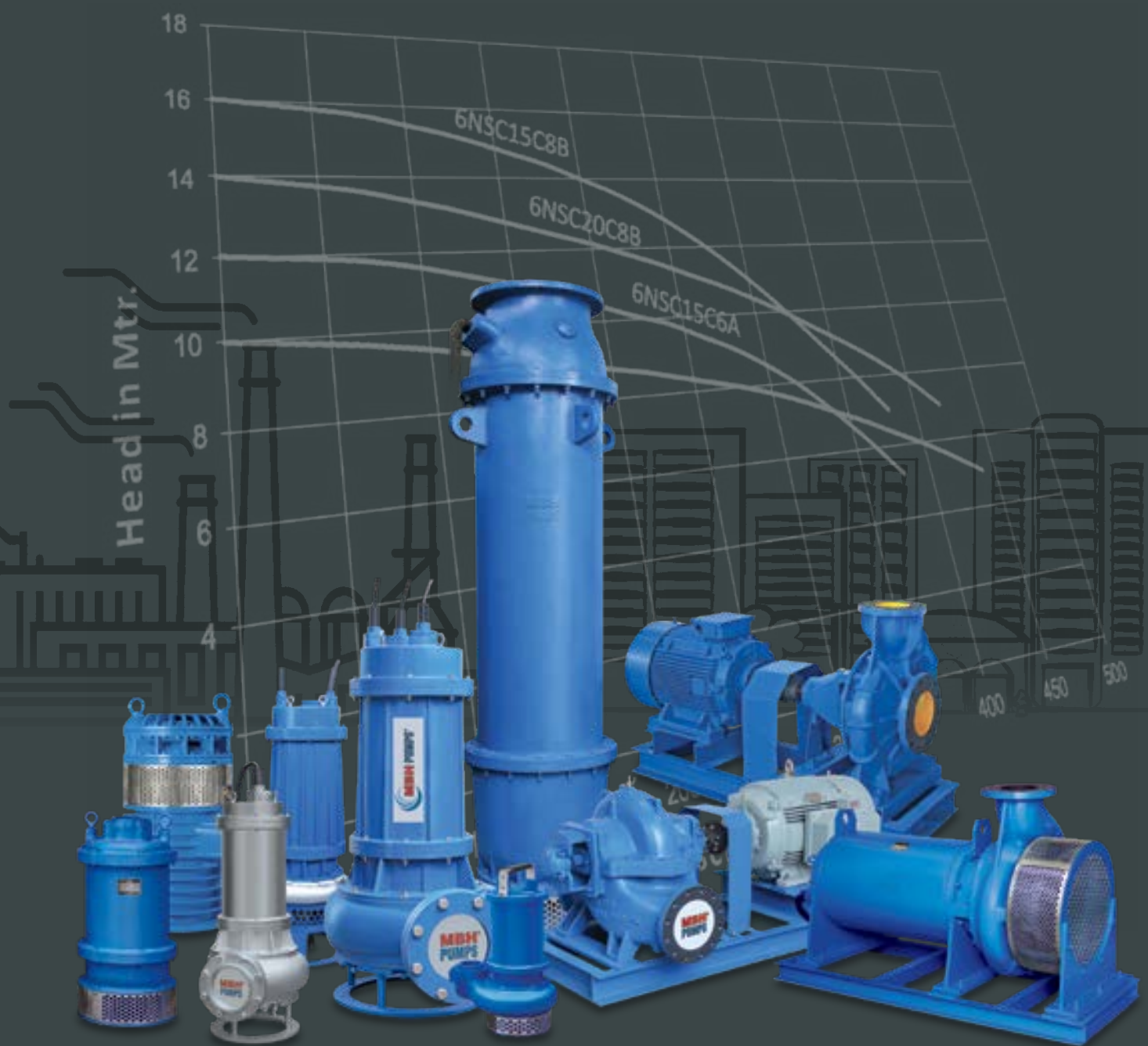




Industrial Pumps

50 hz / 60 hz

Performance Curves Data

MBH[®]
PUMPS



We move SOLIDS

We perform in India,
we can perform anywhere
in the world

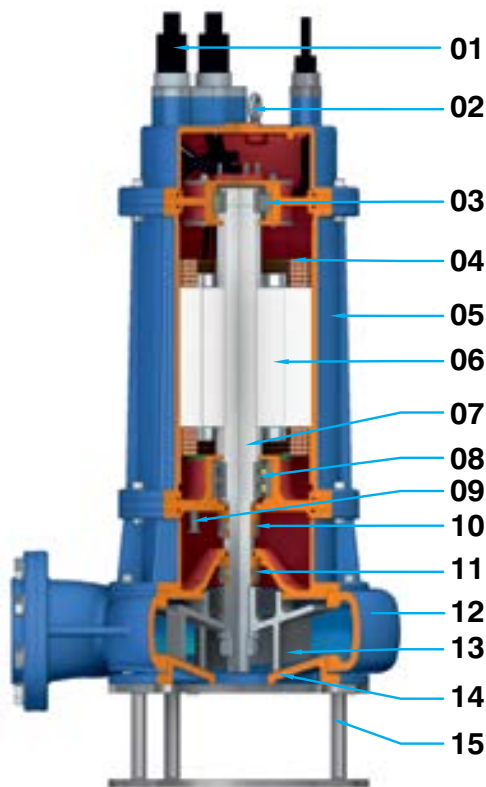
Flow rate upto 2000 m³/hr
Maximum head 62 m
Motor upto 222 kW
Solid handling size upto 150 mm

Available with auto-coupling
guide-rail system



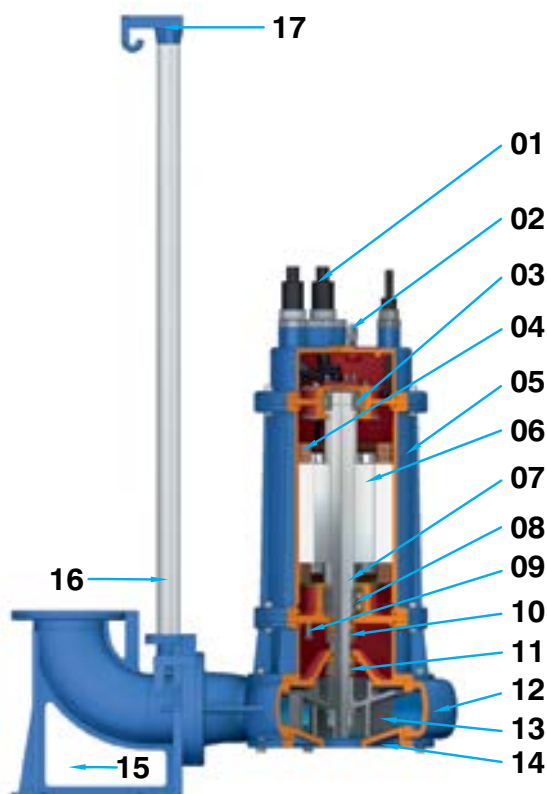
Submersible Sewage Pumps

Cross Section • Standard



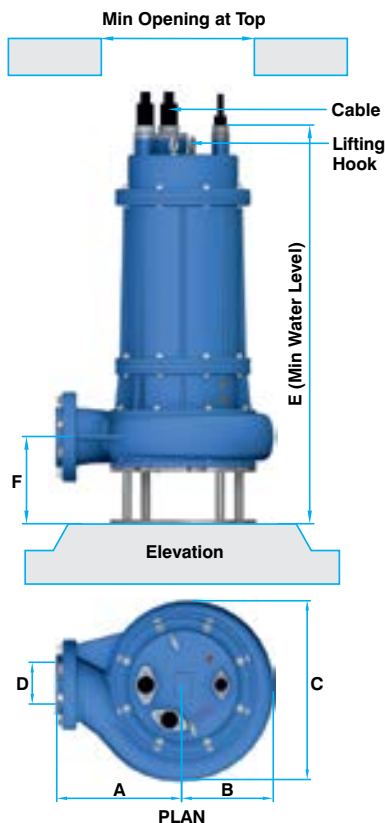
NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
05	STATOR BODY	C.I. IS-210, FG260
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S. 410
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
09	MOISTURE / SEAL LEAKAGE SENSOR (PSLD)	ALU. PROBE
10	MECH. SEAL (UPPER)	CR / SS
11	MECH. SEAL (LOWER)	SIC / SIC
12	VOLUTE	C.I. IS-210, FG260
13	IMPELLER	C.I./ S.S. 304
14	SPIRAL PLATE	C.I. IS-210, FG260
15	PUMP STAND	M.S. FABRICATED
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • Auto Coupling



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
05	STATOR BODY	C.I. IS-210, FG260
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S. 410
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
09	MOISTURE / SEAL LEAKAGE SENSOR (PSLD)	ALU. PROBE
10	MECH. SEAL (UPPER)	CR / SS
11	MECH. SEAL (LOWER)	SIC / SIC
12	VOLUTE	C.I. IS-210, FG260
13	IMPELLER	C.I./ S.S. 304
14	SPIRAL PLATE	C.I. IS-210, FG260
15	AUTO COUPLING	C.I. IS-210, FG260
16	GUIDE PIPE	C.S./ S.S.
17	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Standard



2900 / 3500 RPM

All Dimension are in mm

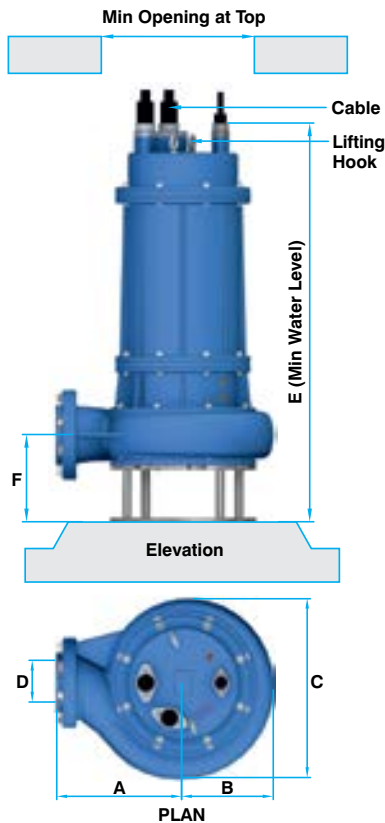
MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2NSC5C4A	675	215	160	321	100	797	217	92	36x19x24	156
2NSC7.5C4A	675	215	160	321	100	878	217	135	36x19x24	202
2NSC10C4A	675	215	160	321	100	923	217	150	38x19x24	220
2NSC12.5C4A	728	288	212	422	100	963	195	185	44x23x29	265
2NSC15C4A	728	288	212	422	100	1003	195	194	46x23x29	277
2NSC20C4A	728	288	212	422	100	1061	225	210	48x23x29	293
2NSC25C4A	728	288	212	422	100	1161	225	235	52x23x29	330
2NSC30C4A	728	288	212	422	100	1161	225	240	52x23x29	335
2NSC40C4A	728	288	212	422	100	1261	225	292	56x23x29	390

1450 / 1750 RPM

All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4NSC2.0 C4A	682	225	157	320	100	711	203	71	34x19x24	90
4NSC3.0C4A	682	225	157	320	100	711	203	105	34x19x24	130
4NSC3.0C4B	728	288	212	422	100	685	281	105	33x20x29	130
4NSC5C4A	675	215	160	321	100	873	207	163	40x19x24	230
4NSC5C4B	728	288	212	422	100	869	181	148	39x20x29	225
4NSC7.5C4A	675	215	160	321	100	955	207	187	42x19x24	257
4NSC7.5C4B	725	288	212	422	100	919	181	168	41x20x29	248
4NSC10C4A	774	265	209	415	100	1003	210	196	46x22x28	287
4NSC10C6B	890	330	260	515	150	1090	240	202	47x26x32	322
4NSC12.5C4A	774	265	209	415	100	1043	210	211	47x22x28	302
4NSC12.5C6B	890	330	260	515	150	1130	240	217	48x26x32	343
4NSC15C4A	774	265	209	415	100	1068	210	223	48x22x28	317
4NSC15C6B	890	330	260	515	150	1155	240	229	49x26x32	360
4NSC20C4A	798	280	218	440	100	1167	245	295	50x23x29	406
4NSC20C6B	890	330	260	515	150	1197	242	315	50x26x32	446
4NSC25C4A	798	280	218	440	100	1212	245	324	52x23x29	435
4NSC25C6B	890	330	260	515	150	1242	242	340	52x26x32	475
4NSC30C4A	798	280	218	440	100	1312	245	356	56x23x29	474
4NSC30C6B	890	330	260	515	150	1342	242	375	56x26x32	514
4NSC40C4A	910	355	255	532	100	1365	278	478	59x27x33	621
4NSC40C6B	950	362	288	575	150	1418	280	494	60x29x35	653
4NSC40C8C	967	390	277	552	200	1454	304	511	61x28x35	673
4NSC50C4A	910	355	255	532	100	1415	278	491	60x27x33	639
4NSC50C6B	950	362	288	575	150	1468	280	516	61x29x35	679
4NSC50C8C	967	390	277	552	200	1504	304	534	62x28x35	696
4NSC60C4A	910	355	255	532	100	1455	278	538	62x27x33	690
4NSC60C6B	950	362	288	575	150	1508	282	546	63x29x35	709
4NSC60C8C	967	390	277	552	200	1544	304	563	64x28x35	730
4NSC75C8B	967	390	277	552	200	1542	304	785	65x28x35	952
4NSC75C10C	Details available on request									
4NSC85C8B	967	390	277	552	200	1701	304	807	66x28x35	983
4NSC85C10C	Details available on request									
4NSC100S8B	967	390	277	552	200	1691	304	845	70x28x35	1021
4NSC100S10C	Details available on request									
4NSC120S8A	1067	448	319	635	200	1906	270	1233	79x31x39	1449
4NSC120S10C	Details available on request									
4NSC120S12B	1195	506	389	760	300	2054	368	1253	83x36x44	1525
4NSC120S14D	Details available on request									
4NSC135S8A	1067	448	319	635	200	1906	270	1213	79x31x39	1429
4NSC135S10C	Details available on request									
4NSC135S12B	1195	506	389	760	300	2054	368	1270	83x36x44	1542
4NSC135S14D	Details available on request									
4NSC150S10A	Details available on request									
4NSC150S12B	1195	506	389	760	300	2154	368	1320	87x36x44	1604
4NSC150S14C	Details available on request									
4NSC175S12B	1222	520	402	796	300	2333	382	1872	91x37x45	2178
4NSC175S14C	Details available on request									
4NSC200S12B	1222	520	402	796	300	2333	382	1930	95x37x45	2236
4NSC200S14C	Details available on request									

GA Drawing • Standard



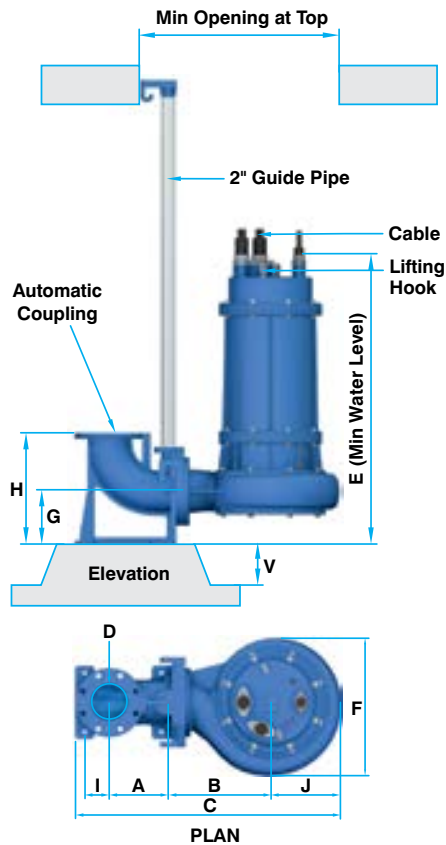
960 / 1250 RPM

All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
6NSC15C6A	950	362	288	575	150	1211	282	350	50x29x35	495
6NSC15C8B	967	390	277	552	200	1273	308	373	56x28x35	521
6NSC20C6A	950	362	288	575	150	1341	282	370	57x29x35	524
6NSC20C8B	967	390	277	552	200	1373	308	413	62x28x35	570
6NSC25C6A	950	362	288	575	150	1341	282	388	57x29x35	542
6NSC25C8B	967	390	277	552	200	1373	308	433	62x28x35	590
6NSC30C6A	1074	450	324	645	150	1386	296	442	63x31x39	620
6NSC30C8B	1067	448	319	635	200	1407	273	580	64x31x39	758
6NSC30C10D	Details available on request									
6NSC30C12C	1195	506	389	760	300	1377	368	611	63x36x44	825
6NSC40C6A	1074	450	324	645	150	1446	296	482	68x31x39	671
6NSC40C8A	1067	448	319	635	200	1407	273	630	67x31x39	814
6NSC40C10B	Details available on request									
6NSC40C12C	1195	506	389	760	300	1377	368	762	66x36x44	982
6NSC50C8A	1084	450	334	665	200	1554	360	730	71x32x40	932
6NSC50C10B	Details available on request									
6NSC50C12A	1195	506	389	760	300	1574	368	862	72x36x44	1100
6NSC60C8A	1084	450	334	665	200	1613	360	800	71x32x40	1002
6NSC60C10B	Details available on request									
6NSC60C12A	1222	520	402	796	300	1647	371	932	73x37x45	1172
6NSC60C14C	Details available on request									
6NSC75C10B	Details available on request									
6NSC75C12A	1222	520	402	796	300	1737	376	992	76x37x45	1238
6NSC75C14C	Details available on request									
6NSC85C12A	1283	550	433	856	300	1944	395	1359	86x40x48	1644
6NSC85C14B	Details available on request									
6NSC100S12A	1283	550	433	856	300	1994	395	1430	88x40x48	1731
6NSC100S14B	Details available on request									
6NSC120S12A	1283	550	433	856	300	2094	395	1490	92x40x48	1798
6NSC120S14C	Details available on request									
6NSC120S16B	1490	650	540	1006	400	2245	495	1987	95X47X57	2375
6NSC135S12A	1283	550	433	856	300	2094	395	1510	92x40x48	1820
6NSC135S14B	Details available on request									
6NSC135S16B	1490	650	540	1006	400	2245	495	2057	95X47X57	2445
6NSC150S16A	1490	650	540	1006	400	2470	495	2414	104X47X57	2826
6NSC175S16A	1490	650	540	1006	400	2470	495	2484	104X47X57	2896
6NSC200S16A	1490	650	540	1006	400	2515	495	2604	106X47X57	3034



GA Drawing • Auto Coupling



2900 / 3500 RPM

All Dimension are in mm

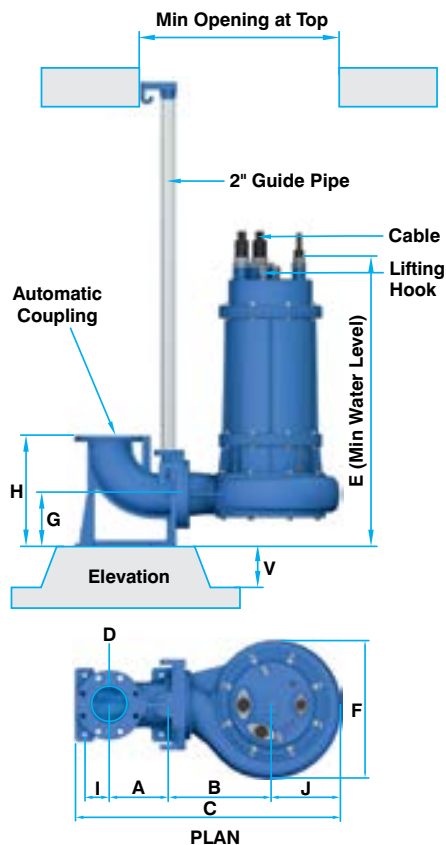
MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
2NSC5C4A	998	156	272	698	100	744	321	150	325	83	160	92	33x19x24	156
2NSC7.5C4A	998	156	272	698	100	815	321	150	325	83	160	135	33x19x24	202
2NSC10C4A	998	156	272	698	100	971	321	150	325	83	160	150	35x19x24	220
2NSC12.5C4A	1085	178	355	819	100	987	355	210	460	84	212	185	41x23x29	265
2NSC15C4A	1085	178	355	819	100	817	355	210	460	84	212	194	43x23x29	277
2NSC20C4A	1085	178	355	819	100	1052	355	210	460	84	212	210	44x23x29	293
2NSC25C4A	1085	178	355	819	100	1152	355	210	460	84	212	235	48x23x29	330
2NSC30C4A	1085	178	355	819	100	1152	355	210	460	84	212	240	48x23x29	335
2NSC40C4A	1102	182	353	836	100	1342	355	300	550	93	212	292	51x23x29	390

1450 / 1750 RPM

All Dimension are in mm

MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
4NSC2.0 C4A	1005	156	282	705	100	659	320	150	325	83	157	71	30x19x24	90
4NSC3.0C4A	1005	156	282	705	100	659	320	150	325	83	157	105	30x19x24	130
4NSC3.0C4B	1051	156	345	751	100	659	355	150	325	83	178	105	30x20x29	130
4NSC5C4A	998	156	272	698	100	815	321	150	325	83	160	163	36x19x24	230
4NSC5C4B	1051	156	345	751	100	803	355	150	325	83	178	148	36x20x29	225
4NSC7.5C4A	998	156	272	698	100	865	321	150	325	83	160	187	38x19x24	257
4NSC7.5C4B	1048	156	345	748	100	853	355	150	325	83	175	168	38x20x29	248
4NSC10C4A	1095	156	320	795	100	941	415	150	325	83	209	196	41x22x28	287
4NSC10C6B	1353	245	412	1053	150	1092	515	300	652	96	260	202	43x26x32	322
4NSC12.5C4A	1129	178	330	829	100	1041	415	210	460	84	209	211	43x22x28	302
4NSC12.5C6B	1353	245	412	1053	150	1132	515	300	652	96	260	217	44x26x32	343
4NSC15C4A	1129	178	330	829	100	1066	415	210	460	84	209	223	44x22x28	317
4NSC15C6B	1353	245	412	1053	150	1157	515	300	652	96	260	229	45x26x32	360
4NSC20C4A	1156	178	348	856	100	1110	440	210	460	84	218	295	45x23x29	406
4NSC20C6B	1353	245	412	1053	150	1200	515	300	652	96	260	315	46x26x32	446
4NSC25C4A	1156	178	348	856	100	1157	440	210	460	84	218	324	47x23x29	435
4NSC25C6B	1353	245	412	1053	150	1245	515	300	652	96	260	340	48x26x32	475
4NSC30C4A	1156	178	348	856	100	1257	440	210	460	84	218	356	51x23x29	474
4NSC30C6B	1353	245	412	1053	150	1345	515	300	652	96	260	375	52x26x32	514
4NSC40C4A	1284	182	420	984	100	1370	532	300	550	93	255	478	52x27x33	621
4NSC40C6B	1413	245	444	1113	150	1390	575	300	652	96	288	494	55x29x35	653
4NSC40C8C	1528	302	479	1228	200	1494	552	395	781	115	277	511	56x28x35	673
4NSC50C4A	1284	182	420	984	100	1420	532	300	550	93	255	491	53x27x33	639
4NSC50C6B	1413	245	444	1113	150	1440	575	300	652	96	288	516	56x29x35	679
4NSC50C8C	1528	302	479	1228	200	1544	552	395	781	115	277	534	57x28x35	696
4NSC60C4A	1284	182	420	984	100	1460	532	300	550	93	255	538	55x27x33	690
4NSC60C6B	1413	245	444	1113	150	1480	575	300	652	96	288	546	58x29x35	709
4NSC60C8C	1528	302	479	1228	200	1584	552	395	781	115	277	563	59x28x35	730
4NSC75C8B	1528	302	479	1228	200	1582	552	395	781	115	277	785	59x28x35	952
4NSC75C10C	Details available on request													
4NSC85C8B	1528	302	479	1228	200	1641	552	395	781	115	277	807	61x28x35	983
4NSC85C10C	Details available on request													
4NSC100S8B	1528	302	479	1228	200	1731	552	395	781	115	277	845	64x28x35	1021
4NSC100S10C	Details available on request													
4NSC120S8A	1628	302	537	1328	200	1981	635	395	781	115	319	1233	75x31x39	1449
4NSC120S10C	Details available on request													
4NSC120S12B	1934	397	598	1634	300	2035	760	448	879	186	389	1253	77x36x44	1525
4NSC120S14D	Details available on request													
4NSC135S8A	1361	302	537	1328	200	1961	635	395	781	115	319	1213	75x31x39	1429
4NSC135S10C	Details available on request													
4NSC135S12B	1934	397	598	1634	300	2035	760	448	879	186	389	1270	77x36x44	1542
4NSC135S14D	Details available on request													
4NSC150S10A	Details available on request													
4NSC150S12B	1934	397	598	1634	300	2135	760	448	879	186	389	1320	81x36x44	1604
4NSC150S1C	Details available on request													
4NSC175S12B	1961	397	612	1661	300	2219	796	448	879	186	402	1872	84x37x45	2178
4NSC175S14C	Details available on request													
4NSC200S12B	1961	397	612	1661	300	2329	796	448	879	186	402	1930	89x37x45	2236
4NSC200S14C	Details available on request													

GA Drawing • Auto Coupling



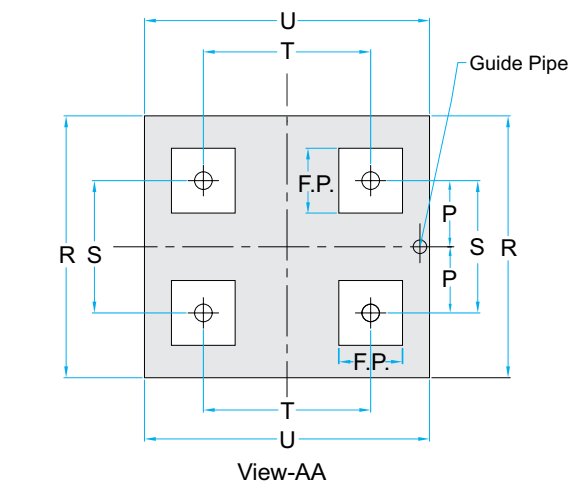
960 / 1250 RPM

All Dimension are in mm

MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
6NSC15C6A	1413	245	444	1113	150	1261	575	300	652	96	288	350	48x29x35	495
6NSC15C8B	1528	302	479	1228	200	1362	552	395	781	115	277	373	49x28x35	521
6NSC20C6A	1413	245	444	1113	150	1361	575	300	652	96	288	370	53x29x35	524
6NSC20C8B	1528	302	479	1228	200	1462	552	395	781	115	277	413	55x28x35	570
6NSC25C6A	1413	245	444	1113	150	1361	575	300	652	96	288	388	53x29x35	542
6NSC25C8B	1528	302	479	1228	200	1462	552	395	781	115	277	433	55x28x35	590
6NSC30C6A	1537	245	532	1237	150	1422	645	300	652	96	324	407	55x31x39	585
6NSC30C8B	1628	302	537	1328	200	1529	635	395	781	115	319	534	56x31x39	712
6NSC30C10D	Details available on request													
6NSC30C12C	1934	397	598	1634	300	1583	760	448	879	186	389	562	58x36x44	776
6NSC40C6A	1537	245	532	1237	150	1472	645	300	652	96	324	444	58x31x39	633
6NSC40C8A	1628	302	537	1328	200	1579	635	395	781	115	319	580	59x31x39	764
6NSC40C10B	Details available on request													
6NSC40C12C	1934	397	598	1634	300	1633	760	448	879	186	389	701	61x36x44	921
6NSC50C8A	1645	302	539	1345	200	1703	665	395	781	115	334	665	61x32x40	867
6NSC50C10B	Details available on request													
6NSC50C12A	1934	397	598	1634	300	1765	760	448	879	186	389	782	63x36x44	1020
6NSC60C8A	1645	302	539	1345	200	1652	665	395	781	115	334	800	61x32x40	1002
6NSC60C10B	Details available on request													
6NSC60C12A	1961	397	612	1661	300	1716	796	448	879	186	402	932	63x37x45	1172
6NSC60C14C	Details available on request													
6NSC75C11B	Details available on request													
6NSC75C12A	1961	397	612	1661	300	1806	796	448	879	186	402	992	66x37x45	1238
6NSC75C14C	Details available on request													
6NSC85C12A	2022	397	642	1722	300	1982	856	448	879	186	433	1359	76x40x48	1644
6NSC85C14B	Details available on request													
6NSC100S12A	2022	397	642	1722	300	2006	856	448	879	186	433	1430	78x40x48	1731
6NSC100S14B	Details available on request													
6NSC120S12A	2022	397	642	1722	300	2156	856	448	879	186	433	1490	82x40x48	1798
6NSC120S14C	Details available on request													
6NSC120S16B	2404	490	790	2104	400	2270	1006	518	1018	184	540	1987	86X46X57	2375
6NSC135S12A	Details available on request													
6NSC135S14D	Details available on request													
6NSC135S16A	2404	490	790	2104	400	2270	1006	518	1018	184	540	2057	86X46X57	2445
6NSC150S16A	2404	490	790	2104	400	2503	1006	518	1018	184	540	2414	95X46X57	2826
6NSC175S16A	2404	490	790	2104	400	2503	1006	518	1018	184	540	2484	95X46X57	2896
6NSC200S16A	2404	490	790	2104	400	2548	1006	518	1018	184	540	2604	91X46X57	3034

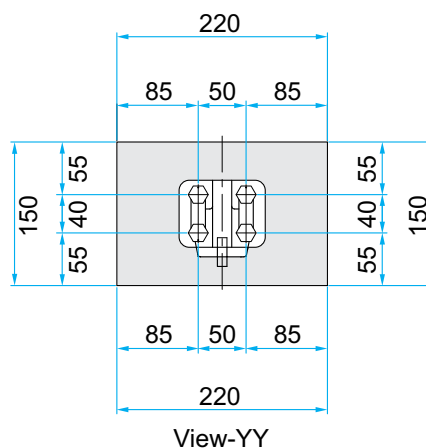
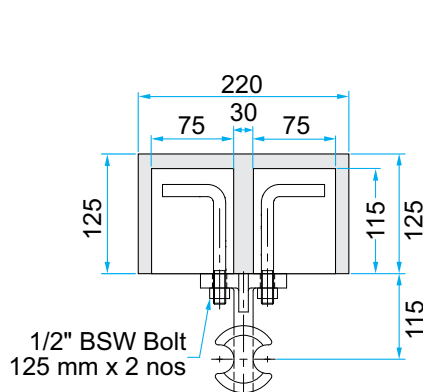
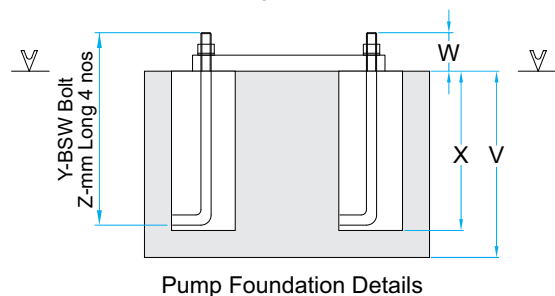


Foundation Details for Auto Coupling



All Dimension are in mm

Auto Coupling Size	HP	P	R	S	T	U	V	W	X	Y	Z	F.P.
4 x 4	2-15	85	370	170	225	425	250	45	175	1/2"	200	80
4 x 4	20-30	80	360	160	240	440	250	45	175	1/2"	200	80
4 x 4	40-100	95	390	190	250	450	250	45	175	1/2"	200	80
6 x 6	ALL	122.5	445	245	320	520	275	50	195	5/8"	225	80
8 x 8		165	530	330	350	550	275	50	195	5/8"	225	80
12 x 12		235	710	470	522	762	275	65	195	3/4"	225	100
16 x 16		207.5	655	415	605	845	300	80	250	1"	300	100



Flange Details

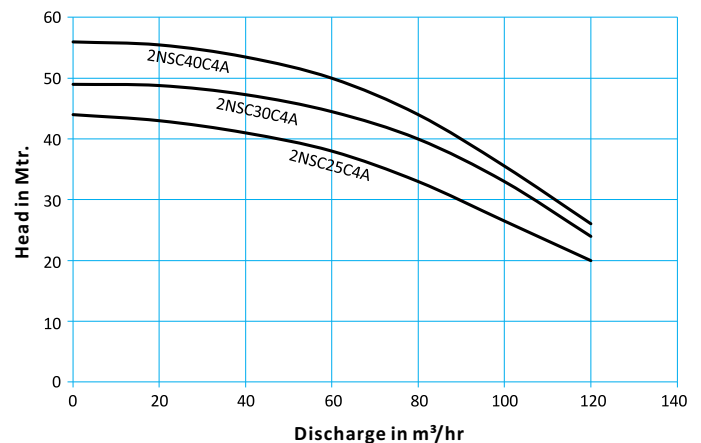
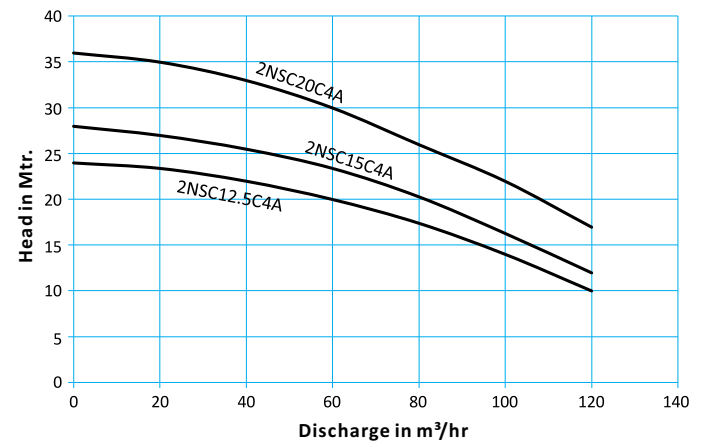
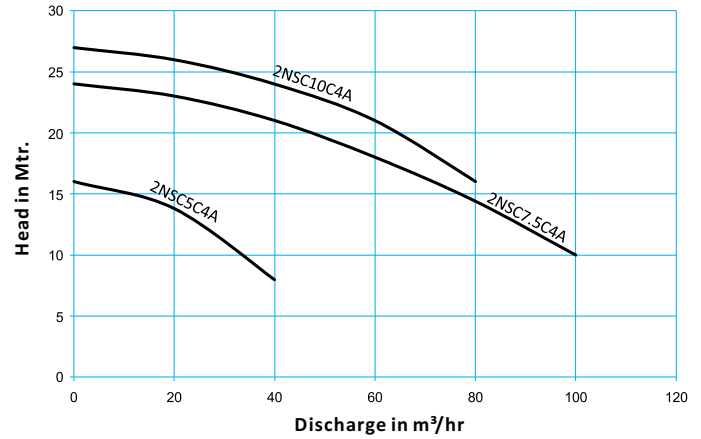
All Dimension are in mm

OUTLET	PIPE SIZE	O.D OF FLANGE	P.C.D. OF BOLT	NO. OF BOLT HOLE	DIA. OF HOLE
4"	100	220	180	8	18
6"	150	285	240	8	23
8"	200	340	295	8	23
12"	300	445	400	12	23
16"	400	565	515	16	27
20"	500	670	620	20	27

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																								DISCHARGE IN m ³ /hr			
				8	10	12	14	15	16	17	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	49		50	52	54
1	2NSC5C4A	5.0/3.7	100	40	36	30	22	15																							
2	2NSC7.5C4A	7.5/5.5	100		94	87	79	75	71	66	61	48	26																		
3	2NSC10C4A	10.0/7.46	100				88	85	81	78	74	66	56	44	23																
4	2NSC12.5C4A	12.5/9.32	100		119	110	101	96	90	84	77	61	33																		
5	2NSC15C4A	15.0/11.2	100			119	112	108	103	99	94	84	72	56	29																
6	2NSC20C4A	20.0/14.92	100							115	112	106	99	92	84	75	64	50	27												
7	2NSC25C4A	25.0/18.7	100									117	112	107	102	96	90	84	77	69	59	47	27								
8	2NSC30C4A	30.0/22.5	100											117	113	109	104	100	95	90	84	78	71	63	54	41	31				
9	2NSC40C4A	40.0/30.0	100												117	114	110	106	102	98	94	89	84	79	73	66	63	59	50	37	

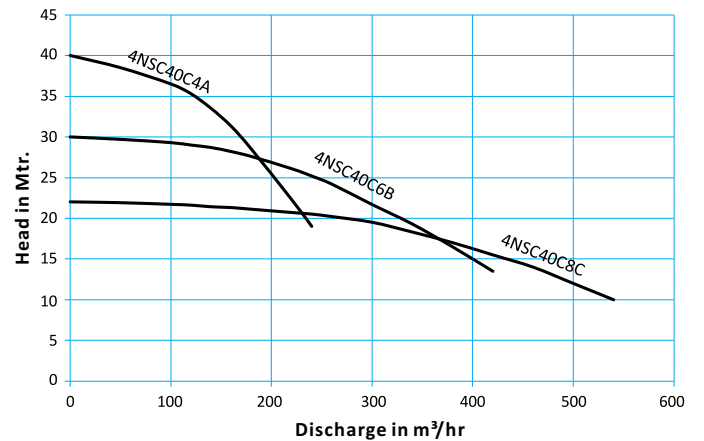
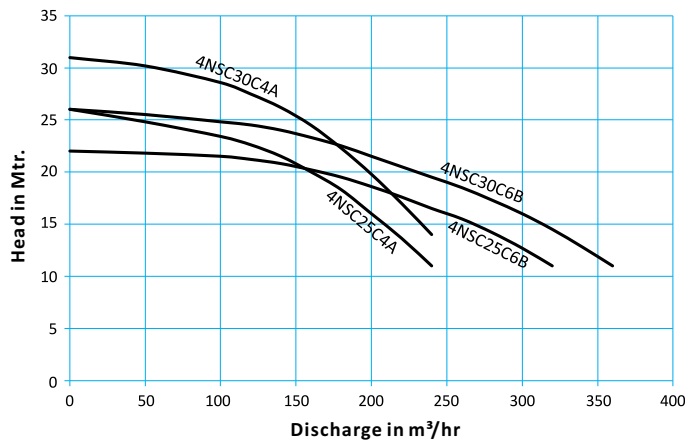
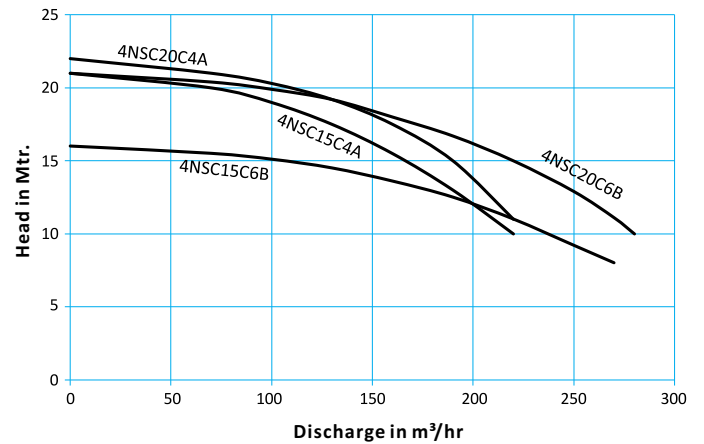
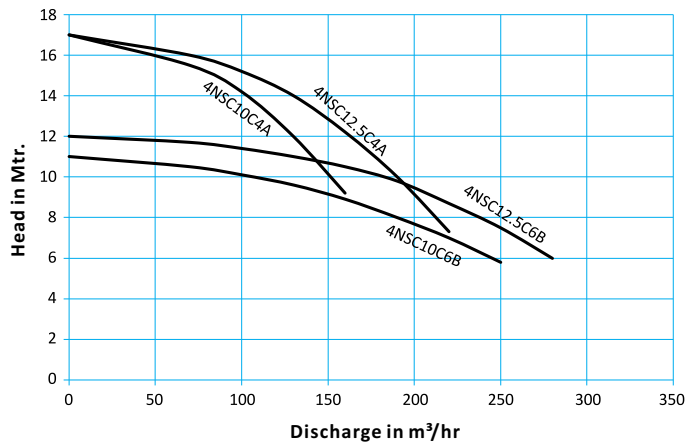
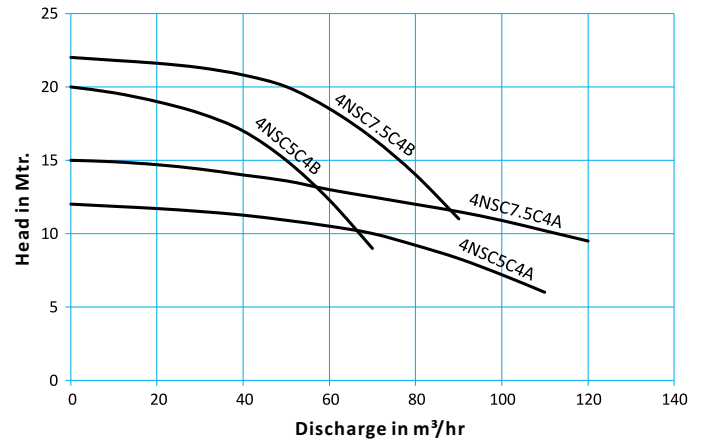
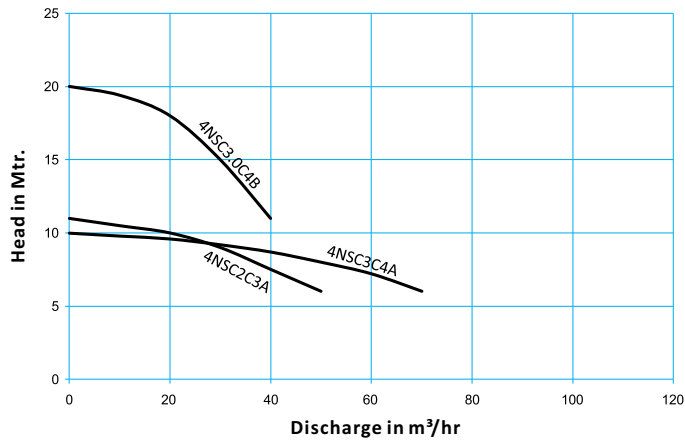
Performance Curves • 2900 / 3500 RPM



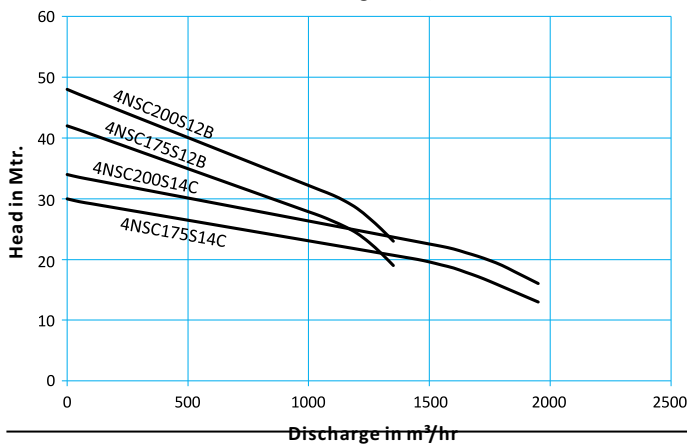
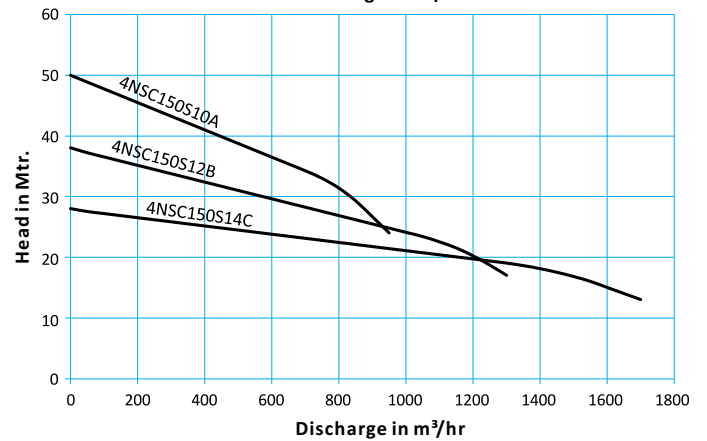
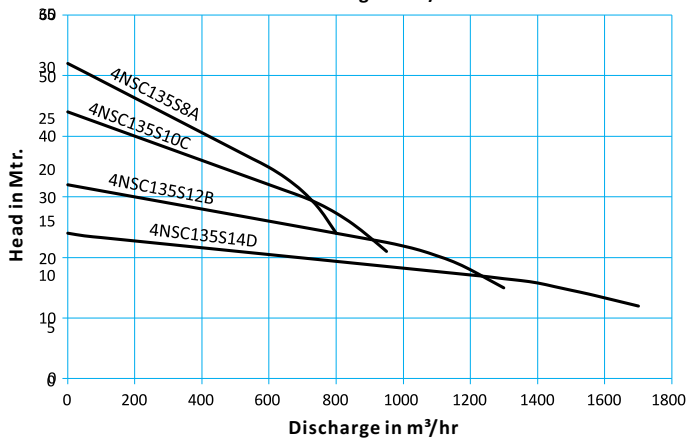
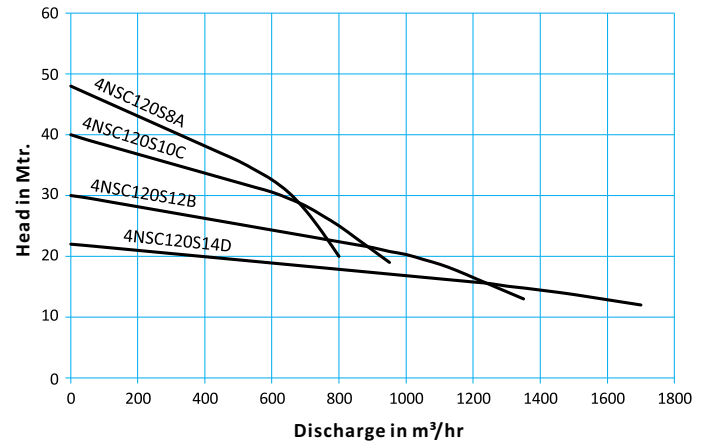
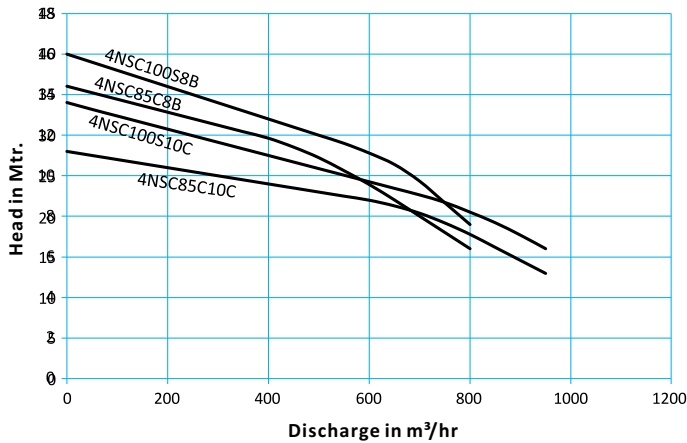
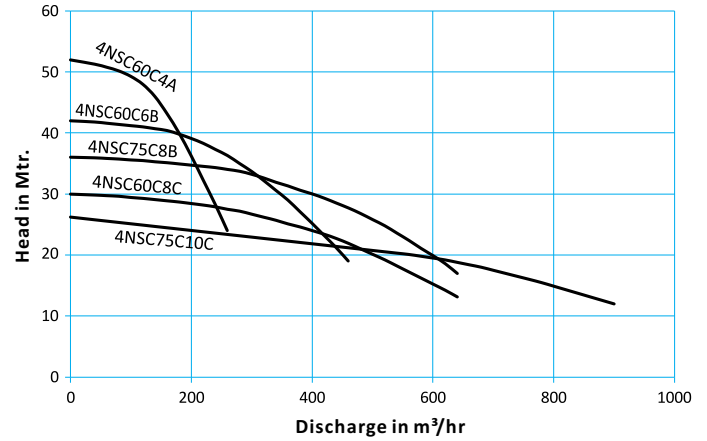
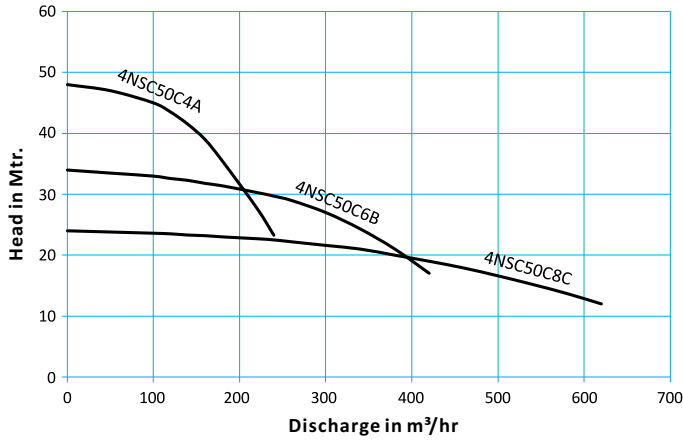
Performance Chart • 1450 / 1750 RPM

No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																			
				6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26
1	4NSC2C3A	2/1.5	75	49	43	37	30	20															
2	4NSC3C4A	3/2.2	100	74	64	51	28																
3	4NSC3.0C4B	3/2.2	100				42	40	39	37	34	32	30	27	24	19	13						
4	4NSC5C4A	5/3.7	100	110	102	93	82	70	51														
5	4NSC5C4B	5/3.7	100				70	67	64	61	57	54	49	45	39	33	22						
6	4NSC7.5C4A	7.5/5.5	100				137	126	115	103	88	69	36										
7	4NSC7.5C4B	7.5/5.5	100					91	88	84	80	76	71	66	61	55	47	37					
8	4NSC10C4A	10/7.5	100				166	158	149	139	129	117	103	86	61								
9	4NSC10C6B	10/7.5	150	246	220	190	151	85															
10	4NSC12.5C4A	12.5/9.3	100				207	197	186	174	160	146	129	107	76								
11	4NSC12.5C6B	12.5/9.3	150	280	260	237	211	178	131														
12	4NSC15C4A	15.0/11.2	100				213	204	195	185	174	163	150	136	119	99	67						
13	4NSC15C6B	15.0/11.2	150				269	254	238	220	200	176	147	104									
14	4NSC20C4A	20.0/15.0	100							230	221	212	202	192	180	168	154	138	119	92			
15	4NSC20C6B	20.0/15.0	150							283	271	258	245	231	216	199	180	158	131	89			
16	4NSC25C4A	25.0/18.5	150								320	308	295	282	267	251	234	215	193	166	129		
17	4NSC25C6B	25.0/18.5	150																				
18	4NSC30C4A	30.0/22.5	100																				
19	4NSC30C6B	30.0/22.5	150																				
20	4NSC40C4A	40.0/30.0	100																				
21	4NSC40C6B	40.0/30.0	150																				
22	4NSC40C8C	40.0/30.0	200																				
							537	518	498	477	455	431	406	378	347	311	268	208					
No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																			
				12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	32
23	4NSC50C4A	50.0/37.5	100																				
24	4NSC50C6B	50.0/37.5	150																				
25	4NSC50C8C	50.0/37.5	200	619	595	570	543	515	485	452	416	376	328	269	177								
26	4NSC60C4A	60.0/45.0	100																				
27	4NSC60C6B	60.0/45.0	150																				
28	4NSC60C8C	60.0/45.0	200	642	624	606	587	567	547	525	502	478	452	424	394	360	320	272	202				
29	4NSC75C8B	75.0/56.0	200																				
30	4NSC75C10C	75.0/56.0	250	894	846	831	806	774	744	708	660	630	570	529	390	283							
31	4NSC85C8B	85.0/63.0	250																				
32	4NSC85C10C	85.0/63.0	250																				
33	4NSC100S8B	100.0/75.0	200	937	900	888	858	845	810	782	775	758	740	721	702	682	662	640	618	594	570	516	453
34	4NSC100S10C	100.0/75.0	250																				
35	4NSC120S8A	120.0/90.0	200																				
36	4NSC120S10C	120.0/90.0	250																				
37	4NSC120S12B	120.0/90.0	300																				
38	4NSC120S14D	120.0/90.0	350	1320	1284	1246	1207	1166	1124	1079	1033	983	930	872	809	739	658	559	416				
39	4NSC135S8A	135.0/100.7	200	1704	1536	1452	1368	1275	1200	1110	1008	540											
40	4NSC135S10C	135.0/100.7	250																				
41	4NSC135S12B	135.0/100.7	300																				
42	4NSC135S14D	135.0/100.7	350	1704	1627	1536	1470	1398	1323	1272	1200	1125	1008	741	540								
43	4NSC150S10A	150.0/110.0	250																				
44	4NSC150S12B	150.0/110.0	300																				
45	4NSC150S14C	150.0/110.0	350																				
46	4NSC175S12B	175.0/130.5	300																				
47	4NSC175S14C	175.0/130.5	350																				
48	4NSC200S12B	200.0/149.2	300																				
49	4NSC200S14C	200.0/149.2	350																				

Performance Curves • 1450 / 1750 RPM



Performance Curves • 1450 / 1750 RPM

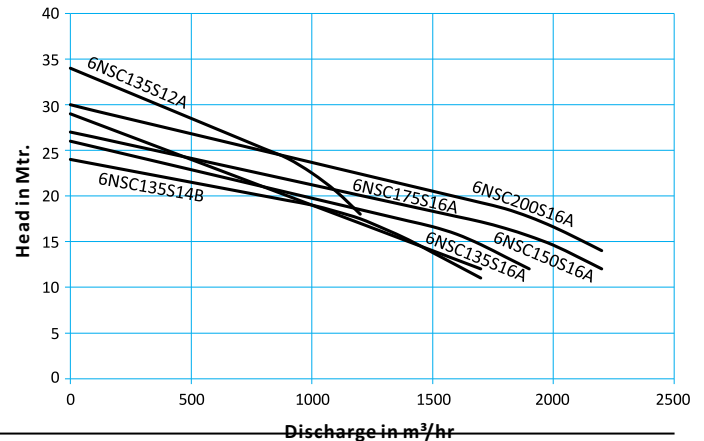
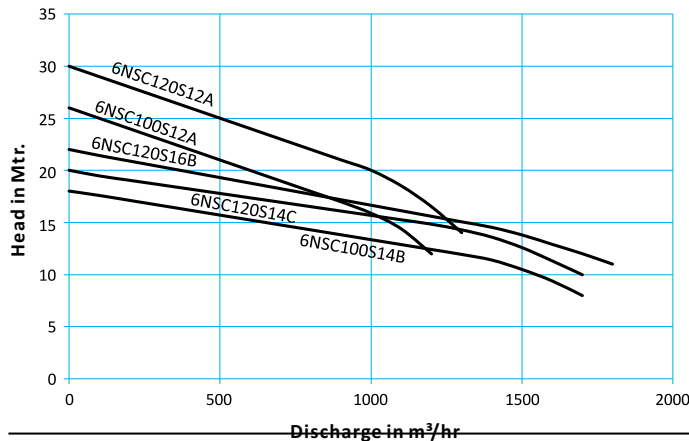
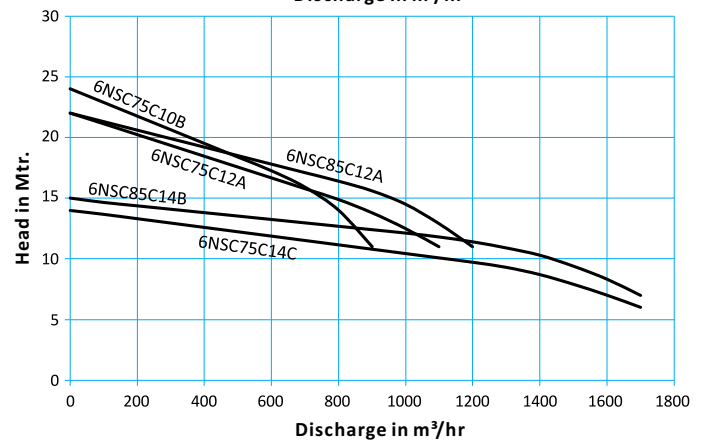
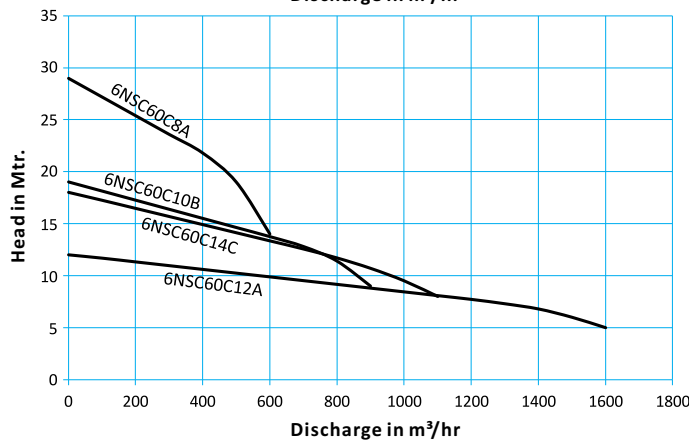
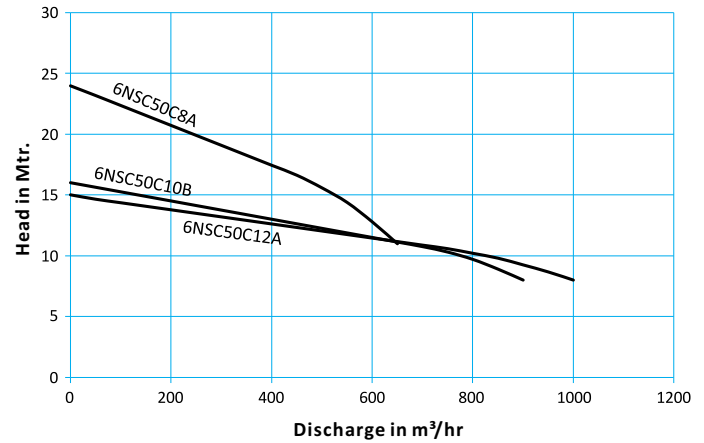
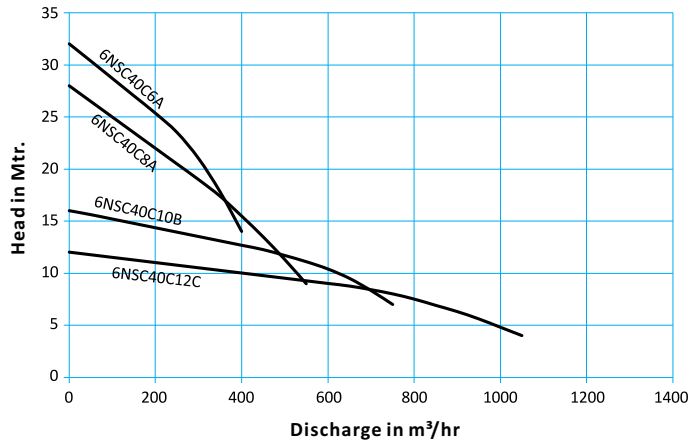
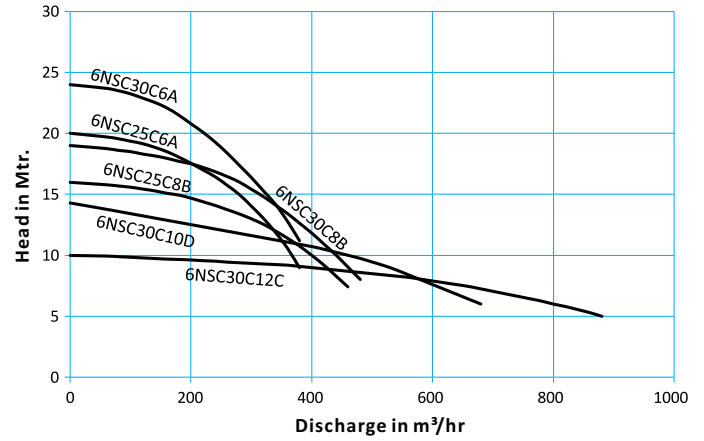
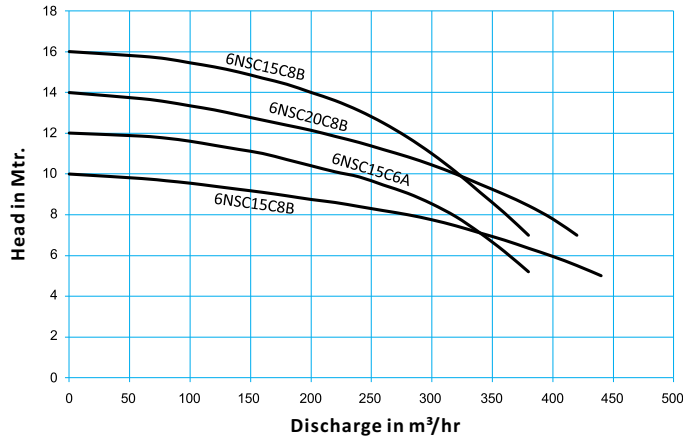


Submersible Sewage Pumps

Performance Chart • 960 / 1250 RPM

No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																											
				5	6	7	8	9	10	11	12	13	14	15	16	18	19	20	22	23	24	26	28	29	30	32	33				
1	6NSC15C6A	15.0/11.2	150	382	358	332	302	269	227	167																					
2	6NSC15C8B	15.0/11.2	200	444	397	342	272	153																							
3	6NSC20C6A	20.0/15.0	150			382	362	342	320	296	269	237	198	140																	
4	6NSC20C8B	20.0/15.0	200		456	427	395	360	321	275	215	111																			
5	6NSC25C6A	25.0/18.5	150					382	366	349	331	312	291	269	243	177	120														
6	6NSC25C8B	25.0/18.5	200				449	424	396	366	333	294	246	174																	
7	6NSC30C6A	30.0/22.5	150							382	368	354	339	323	306	269	247	223	160	105											
8	6NSC30C8B	30.0/22.5	200					485	465	444	421	397	371	342	309	272	153														
9	6NSC30C10D	30.0/22.5	250		681	651	614	546	480	403	216																				
10	6NSC30C12C	30.0/22.5	300	884	788	690	548	309																							
11	6NSC40C6A	40.0/30.0	150												373	363	343	332	321	297	284	270	239	200	175	143					
12	6NSC40C8A	40.0/30.0	200					561	541	520	498	476	453	429	405	353	325	296	232	197	159	69									
13	6NSC40C10B	40.0/30.0	250			767	727	691	654	591	540	454	243																		
14	6NSC40C12C	40.0/30.0	300	1022	958	888	810	720	609	448																					
15	6NSC50C8A	50.0/37.5	200							639	616	592	567	541	512	450	414	374	268	176											
16	6NSC50C10B	50.0/37.5	250					894	846	806	762	696	630	529	283																
17	6NSC50C12A	50.0/37.5	300					997	923	842	750	642	503	260																	
18	6NSC60C8A	60.0/45.0	200											621	603	584	544	522	500	450	422	392	318	201							
19	6NSC60C10B	60.0/45.0	250						937	894	845	804	756	711	660	554	297														
20	6NSC60C12A	60.0/45.0	300						1073	1019	962	900	832	756	667	558	394														
21	6NSC60C14C	60.0/45.0	350	1576	1482	1421	1254	1110	932	499																					
22	6NSC75C10B	75.0/56.0	250							937	900	876	845	819	767	717	660	582	411	297											
23	6NSC75C12A	75.0/56.0	300							1077	1028	975	919	858	792	629	521	354													
24	6NSC75C14C	75.0/56.0	350		1704	1626	1536	1410	1200	1008	540																				
25	6NSC85C12A	85.0/63.0	300							1224	1168	1108	1045	976	900	715	592	403													
26	6NSC85C14B	85.0/63.0	350			1704	1620	1536	1470	1362	1200	1008	540																		
27	6NSC100S12A	100.0/75.0	300								1238	1197	1154	1109	1061	958	900	836	684	585	445										
28	6NSC100S14B	100.0/75.0	350				1704	1650	1572	1536	1470	1362	1200	1008	540																
29	6NSC120S12A	120.0/90.0	300											1277	1242	1206	1129	1088	1045	951	900	844	715	541	403						
30	6NSC120S14C	120.0/90.0	350						1704	1614	1536	1446	1368	1272	1200	960	540														
31	6NSC120S16B	120.0/90.0	400							1775	1685	1588	1483	1367	1238	899	612														
32	6NSC135S12A	135.0/100.7	400														1213	1179	1144	1070	1031	989	900	797	738	673	503	368			
33	6NSC135S14B	140.0/105.0	350							1704	1650	1572	1536	1446	1368	1272	1200	1110	960	540											
34	6NSC135S16A	135.0/100.7	400							1707	1634	1559	1482	1402	1320	1145	1052	955	743	627	502	213									
35	6NSC150S16A	150.0/110.0	400																												
36	6NSC175S16A	175.0/130.5	400																												
37	6NSC200S16A	200.0/149.2	400																												

Performance Curves • 960 / 1250 RPM





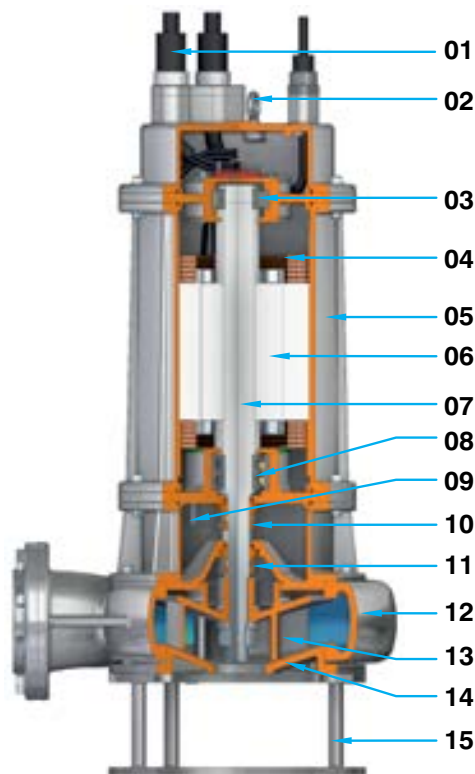
The SS & DS Series pumps use highly corrosion-resistant materials for all parts that are exposed to fluids, perfect for sea water applications.

Head upto 65 meters
Capacity upto 4000 m³/hr
HP upto 250
Solid size 100 mm
MOC Duplex Stainless Steel

Seawater dewatering
Desalination plants, Ports & Dockyards
Seawater intake for power plants
Coastal projects

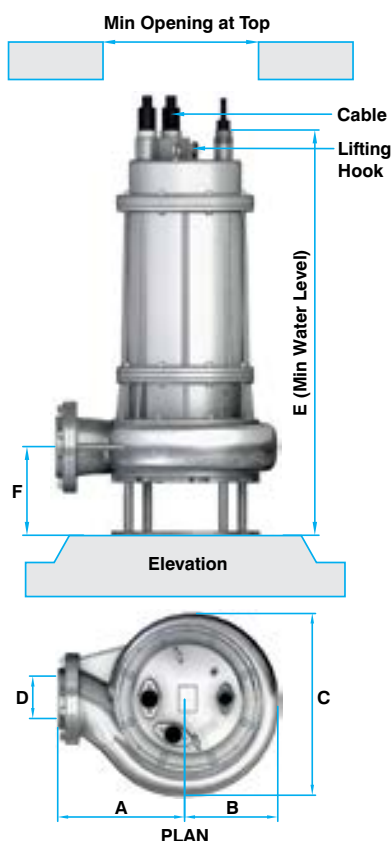


Cross Section



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
05	STATOR BODY	S.S. 304 / S.S. 316
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S. 410
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
09	MOISTURE / SEAL LEAKAGE SENSOR (PSLD)	ALU. PROBE
10	MECH. SEAL (UPPER)	CR / SS
11	MECH. SEAL (LOWER)	SIC / SIC
12	VOLUTE	S.S. 304 / S.S. 316
13	IMPELLER	S.S. 304 / S.S. 316
14	SPIRAL PLATE	S.S. 304 / S.S. 316
15	PUMP STAND	S.S. 304 / S.S. 316
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



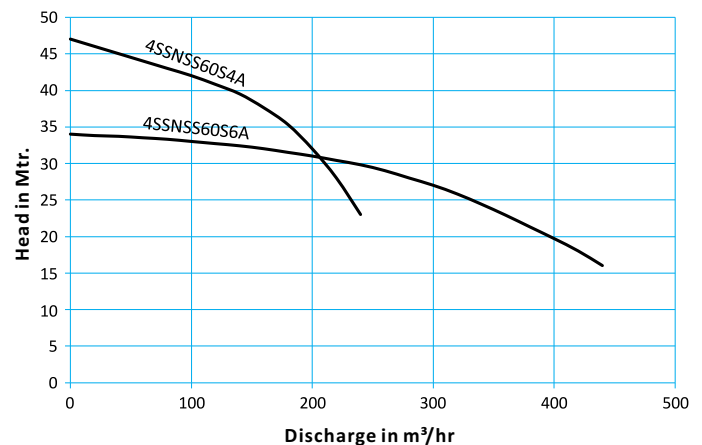
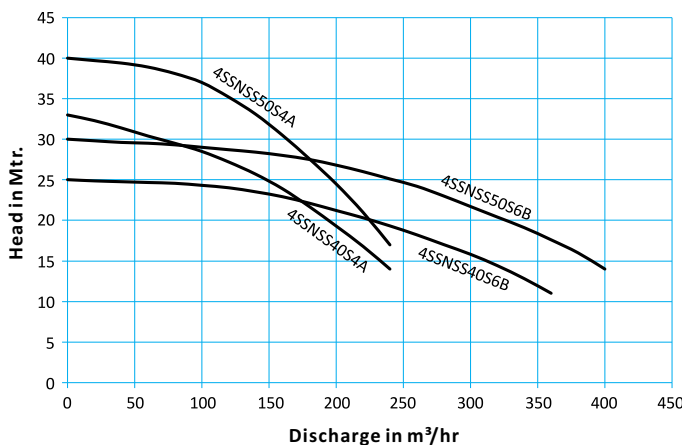
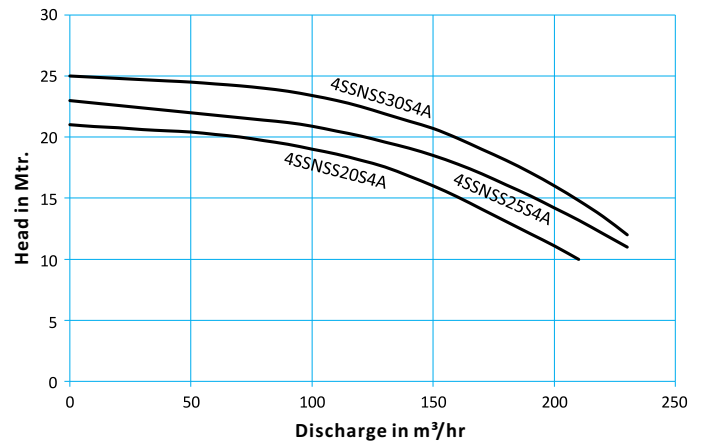
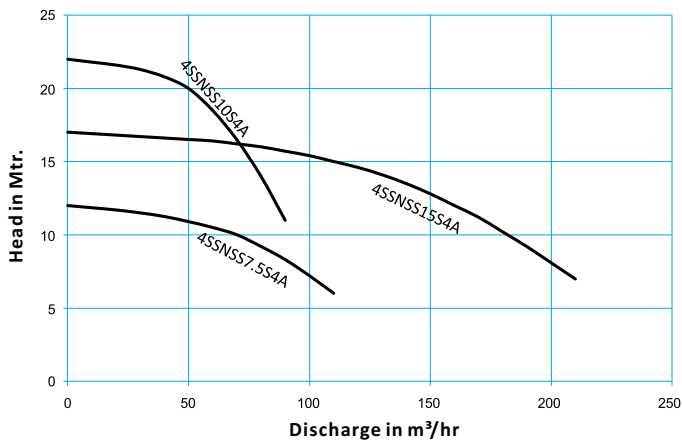
All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4SSNSS7.5S4A	675	215	160	321	100	955	207	187	42x19x24	257
4SSNSS10S4A	774	265	209	415	100	1003	210	196	46x22x28	287
4SSNSS15S4A	774	265	209	415	100	1068	210	223	48x22x28	317
4SSNSS20S4A	798	280	218	440	100	1167	245	295	50x23x29	406
4SSNSS25S4A	798	280	218	440	100	1212	245	324	52x23x29	435
4SSNSS30S4A	798	280	218	440	100	1312	245	356	56x23x29	474
4SSNSS40S4A	910	355	255	532	100	1365	278	478	59x27x33	621
4SSNSS40S6B	950	362	288	575	150	1418	280	494	60x29x35	653
4SSNSS50S4A	910	355	255	532	100	1415	278	491	60x27x33	639
4SSNSS50S6B	950	362	288	575	150	1468	280	516	61x29x35	679
4SSNSS60S4A	910	355	255	532	100	1455	278	538	62x27x33	690
4SSNSS60S6B	950	362	288	575	150	1508	282	546	63x29x35	709

Performance Chart • 1450 / 1750 RPM

No.	Model	HP/KW	Del. Size in mm		HEAD IN METERS																															
					6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	24	25	26	28	30	33	34	37	38	40	46				
1	4SSNSS7.5S4A	7.5/5.5	100	DISCHARGE IN m ³ /hr	110	102	93	82	70	51																										
2	4SSNSS10S4A	10.0/7.5	100					137	126	115	103	88	69	36																						
3	4SSNSS15S4A	15.0/11.2	100					207	197	186	174	160	146	129	107	76																				
4	4SSNSS20S4A	20.0/15	100							213	204	195	185	174	163	150	136	119	99	67																
5	4SSNSS25S4A	25.0/18.6	100									230	221	212	202	192	180	168	154	138	119															
6	4SSNSS30S4A	30.0/22.5	100										231	223	215	207	198	189	179	168	156	143	109	83												
7	4SSNSS40S4A	40.0/30.0	100													232	225	218	210	203	195	186	168	158	147	135	105	52								
8	4SSNSS40S6B	40.0/30.0	150									357	346	334	322	310	297	282	267	251	234	214	163	124												
9	4SSNSS50S4A	50.0/37.5	100																	234	228	223	213	207	201	195	182	168	143	133	96	75				
10	4SSNSS50S6B	50.0/37.5	150													396	389	374	362	350	337	324	310	279	262	243	222	168								
11	4SSNSS60S4A	60.0/45.0	100																				235	231	227	222	214	205	190	185	168	162	148	88		
12	4SSNSS60S6A	60.0/45.0	150															428	416	405	393	380	354	340	325	309	274	231	126							

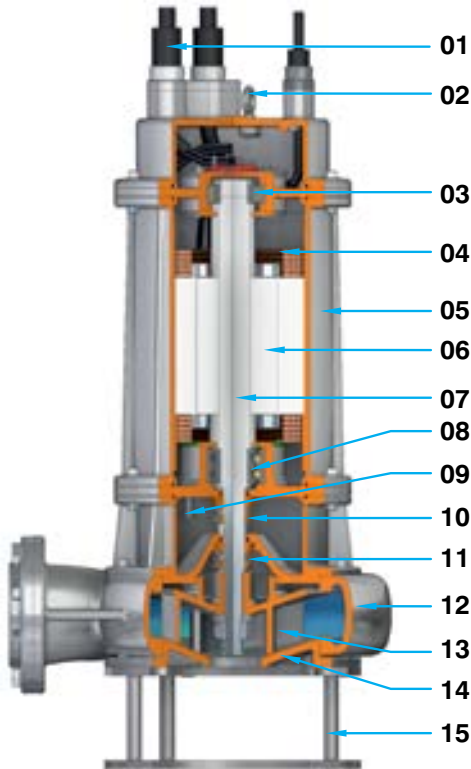
Performance Curves • 1450 / 1750 RPM



Submersible Sewage Pumps - DS Series

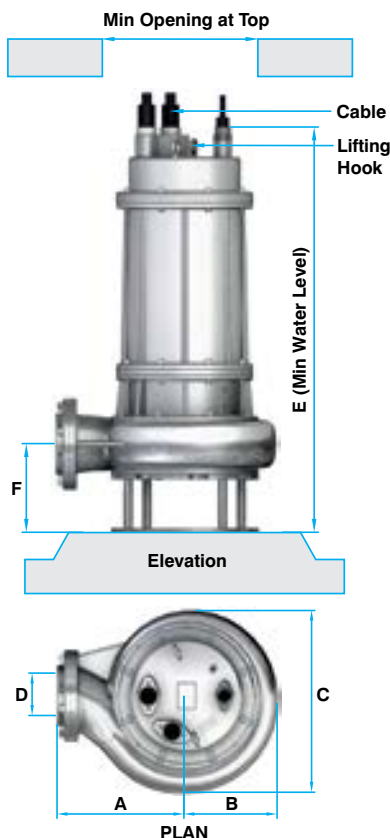
With Duplex Steel - 3A Construction

Cross Section



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
05	STATOR BODY	DUPLEX STEEL
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S. 410
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
09	MOISTURE / SEAL LEAKAGE SENSOR (PSLD)	ALU. PROBE
10	MECH. SEAL (UPPER)	CR / SS
11	MECH. SEAL (LOWER)	SIC / SIC
12	VOLUTE	DUPLEX STEEL
13	IMPELLER	DUPLEX STEEL
14	SPIRAL PLATE	DUPLEX STEEL
15	PUMP STAND	S.S. 304
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4DSNSC5S4A	675	215	160	321	100	873	207	163	40x19x24	230
4DSNSC7.5S4A	675	215	160	321	100	955	207	187	42x19x24	257
4DSNSC10S4A	774	265	209	415	100	1003	210	196	46x22x28	287
4DSNSC12.5S4A	774	265	209	415	100	1043	210	211	47x22x28	302
4DSNSC12.5S6B	890	330	260	515	150	1130	240	217	48x26x32	343
4DSNSC15S4A	774	265	209	415	100	1068	210	223	48x22x28	317
4DSNSC15S6B	890	330	260	515	150	1155	240	229	49x26x32	360
4DSNSC20S4A	798	280	218	440	100	1167	245	295	50x23x29	406
4DSNSC20S6B	890	330	260	515	150	1197	242	315	50x26x32	446
4DSNSC25S4A	798	280	218	440	100	1212	245	324	52x23x29	435
4DSNSC25S6B	890	330	260	515	150	1242	242	340	52x26x32	475
4DSNSC30S4A	798	280	218	440	100	1312	245	356	56x23x29	474
4DSNSC30S6B	890	330	260	515	150	1342	242	375	56x26x32	514
4DSNSC40S4A	910	355	255	532	100	1365	278	478	59x27x33	621
4DSNSC40S6B	950	362	288	575	150	1418	280	494	60x29x35	653
4DSNSC50S4A	910	355	255	532	100	1415	278	491	60x27x33	639
4DSNSC50S6B	950	362	288	575	150	1468	280	516	61x29x35	679
4DSNSC50S8C	967	390	277	552	200	1504	304	534	62x28x35	696
4DSNSC60S4A	910	355	255	532	100	1455	278	538	62x27x33	690
4DSNSC60S6B	950	362	288	575	150	1508	282	546	63x29x35	709
4DSNSC60S8C	967	390	277	552	200	1544	304	563	64x28x35	730
4DSNSC75S8B	967	390	277	552	200	1542	304	785	65x28x35	952
4DSNSC85S8B	967	390	277	552	200	1701	304	807	66x28x35	983
4DSNSC100S8B	967	390	277	552	200	1691	304	845	70x28x35	1021

Submersible Sewage Pumps - DS Series

With Duplex Steel - 3A Construction

Performance Chart • 1450 / 1750 RPM

No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																												
				5	6	7	8	9	10	11	12	13	14	16	17	18	19	20	21	22	23	24	26	28	30	32	36	37	38	40	42	46
1	4DSNSC5S4A	5.0/3.7	100	105	96	86	74	59	33																							
2	4DSNSC7.5S4A	7.5/5.5	100		110	102	93	82	70	51																						
3	4DSNSC10S4A	10.0/7.5	100				137	126	115	103	88	69	36																			
4	4DSNSC12.5S4A	12.5/9.3	100				166	158	149	139	129	117	103	61																		
5	4DSNSC12.5S6B	12.5/9.3	150	269	246	220	190	151	85																							
6	4DSNSC15S4A	15.0/11.2	100				207	197	186	174	160	146	129	76																		
7	4DSNSC15S6B	15.0/11.2	150			280	260	237	211	178	131																					
8	4DSNSC20S4A	20.0/15.0	100						213	204	195	185	174	150	136	119	99	67														
9	4DSNSC20S6B	20.0/15.0	150				269	254	238	220	200	176	147																			
10	4DSNSC25S4A	25.0/18.6	100						230	221	212	202	180	168	154	138	119	92														
11	4DSNSC25S6B	25.0/18.6	150						283	271	258	245	231	199	180	158	131	89														
12	4DSNSC30S4A	30.0/22.5	100								231	223	215	198	189	179	168	156	143	128	109	83										
13	4DSNSC30S6B	30.0/22.5	150								320	308	295	282	251	234	215	193	166	129												
14	4DSNSC40S4A	40.0/30.0	100											225	218	210	203	195	186	177	168	158	135	105	52							
15	4DSNSC40S6B	40.0/30.0	150								357	346	334	322	297	282	267	251	234	214	191	163	124									
16	4DSNSC50S4A	50.0/37.5	100													234	228	223	218	213	207	195	182	168	152	110	96	75				
17	4DSNSC50S6B	50.0/37.5	150											396	374	362	350	337	324	310	295	279	262	222	168							
18	4DSNSC50S8C	50.0/37.5	200						537	518	498	477	455	406	378	347	311	268	208													
19	4DSNSC60S4A	60.0/45.0	100																													
20	4DSNSC60S6B	60.0/45.0	150												428	416	405	393	380	367	354	340	309	274	231	173						
21	4DSNSC60S8C	60.0/45.0	200								642	619	595	570	515	485	452	416	376	328	269	177										
22	4DSNSC75S8B	75.0/56.25	200												642	624	587	567	547	525	502	478	452	424	394	320	202					
23	4DSNSC85S8B	85.0/63.0	200													642	628	613	598	582	566	549	531	494	452	405	348					
24	4DSNSC100S8B	100.0/75.0	200														694	680	665	650	635	619	602	568	530	489	442	321	278	219		



With Duplex Steel - 3A Construction

Performance Curves • 1450 / 1750 RPM

