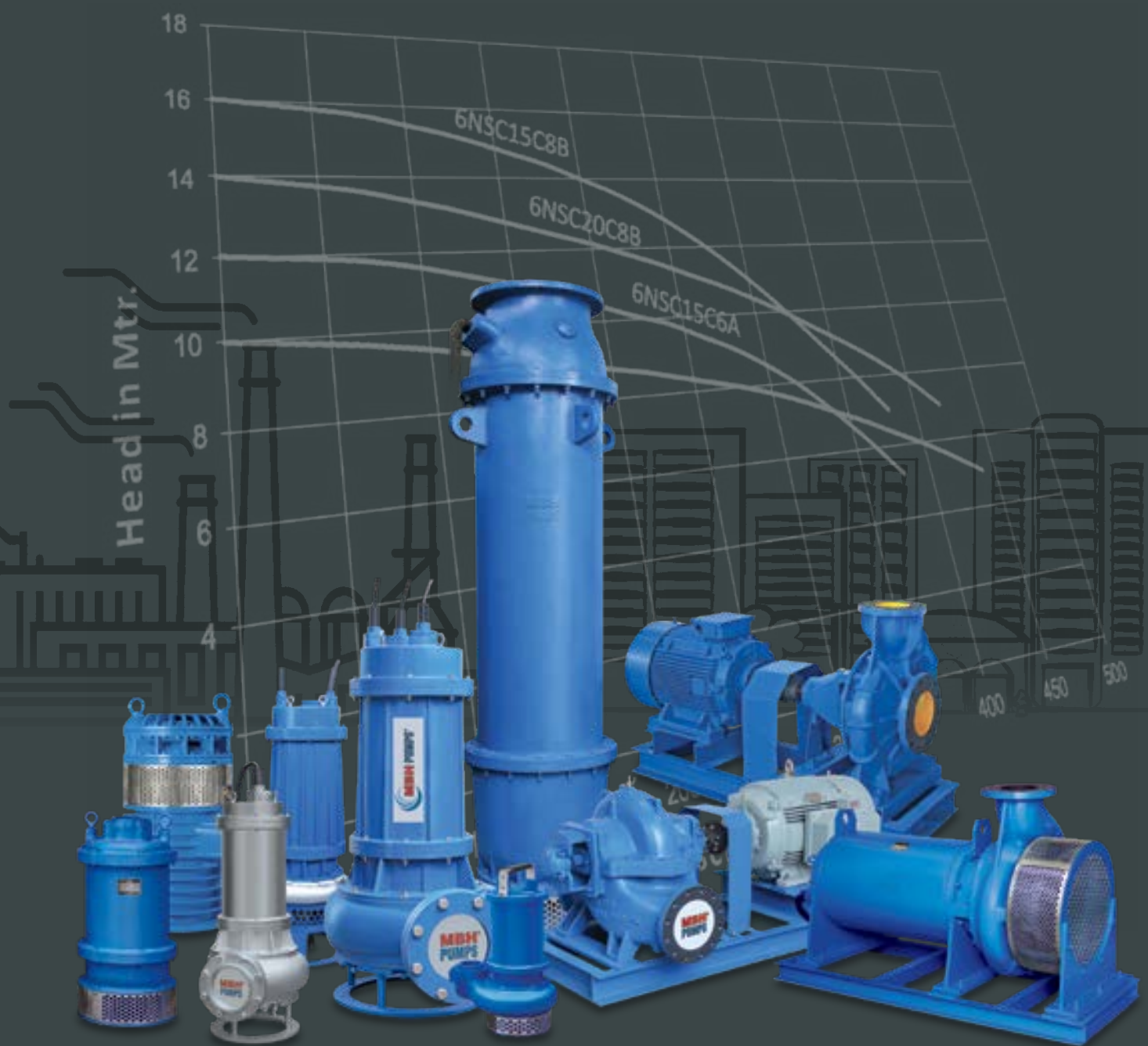




Industrial Pumps

50 hz / 60 hz

Performance Curves Data

MBH[®]
PUMPS

Since 1969, MBH Pumps owned by Kamania family, manufactures and develops centrifugal pumps for submersible and surface installations. Over the years the Company has diversified its activity from the production of pumps for agricultural applications to Domestic, Industrial, Municipal waste water, Slurry, Water Intake and various other applications.

MBH Pumps is the right partner of every Company around the world because it is able to respond quickly and efficiently to the rapid market trends. The wide range of centrifugal pumps, the well-established experience and the continuous production quality improvement, has earned MBH pumps a well reputed name in the Competitive Market.

All pumps are manufactured according to international standards and technical specifications of the customer to successfully satisfy many application areas. Technologically innovative products that provide maximum performance with minimum energy consumption, able to provide the highest safety level, maintenance-free and ease of use conditions.



COMMERCIAL and INDUSTRIAL Solutions

Products	Page No.
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For Technical information on **pumps above 200 HP** contact us at marketing@mbhpumps.com | exports@mbhpumps.com



We move SOLIDS

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

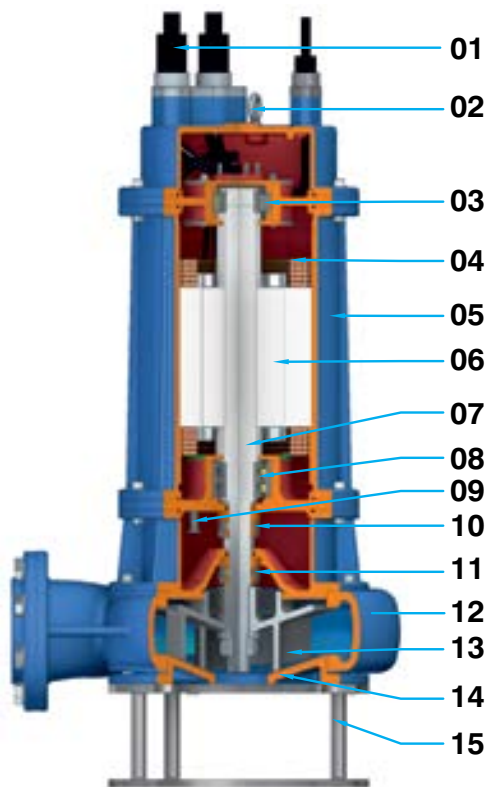
Flow rate upto 2000 m³/hr
Maximum head 62 m
Motor upto 222 kW
Solid handling size upto 150 mm

Available with auto-coupling
guide-rail system



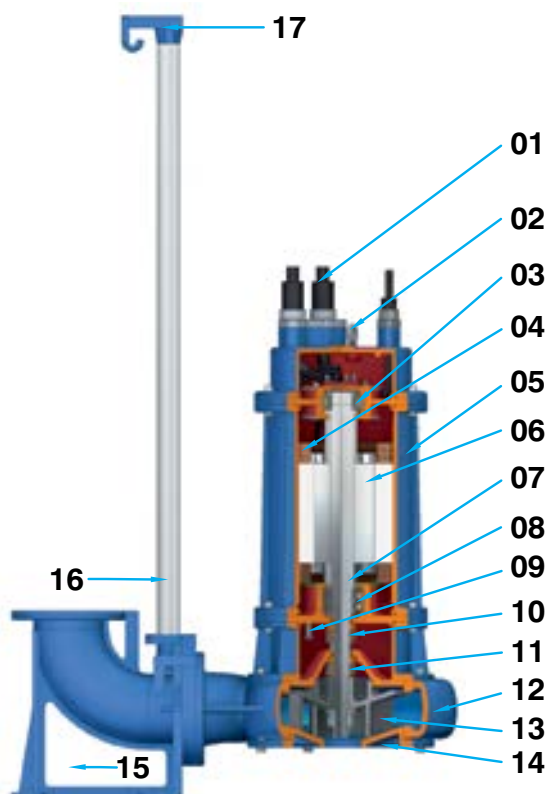
Submersible Sewage Pumps

Cross Section • Standard



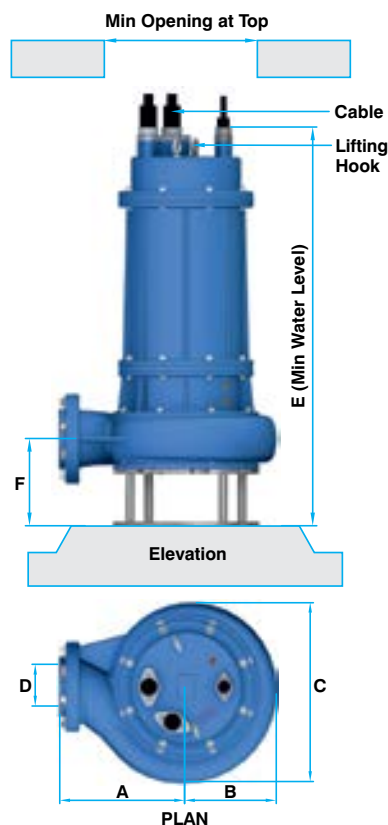
NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
05	STATOR BODY	C.I. IS-210, FG260
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S. 410
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
09	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

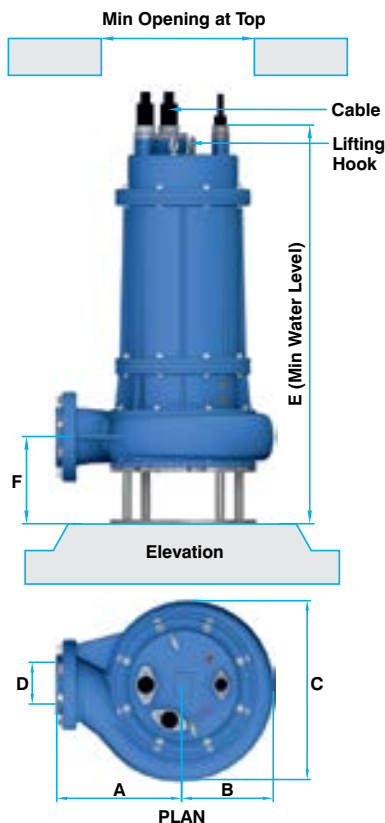
MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2NSC5C4A	675	215	160	321	100	797	217	92	36x19x24	156
2NSC7.5C4A	675	215	160	321	100	878	217	135	36x19x24	202
2NSC10C4A	675	215	160	321	100	923	217	150	38x19x24	220
2NSC12.5C4A	728	288	212	422	100	963	195	185	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



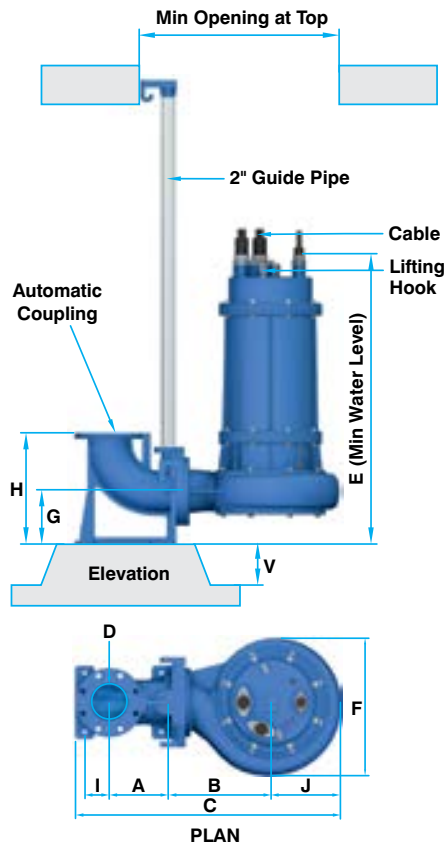
960 / 1250 RPM

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

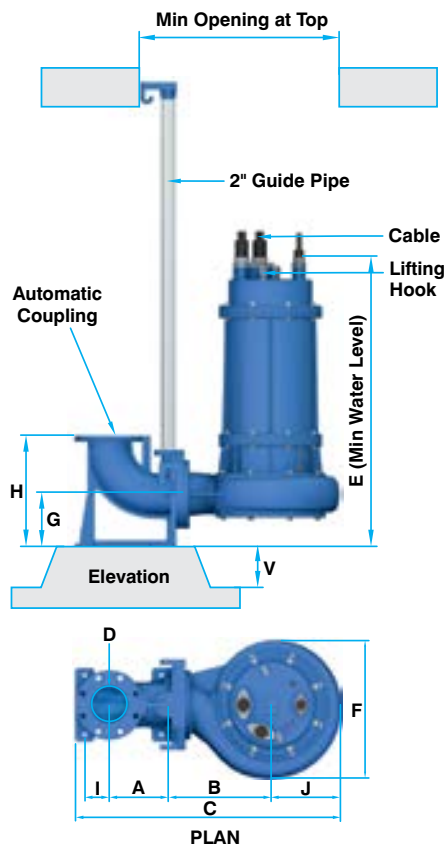
MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
2NSC5C4A	998	156	272	698	100	744	321	150	325	83	160	92	33x19x24	156
2NSC7.5C4A	998	156	272	698	100	815	321	150	325	83	160	135	33x19x24	202
2NSC10C4A	998	156	272	698	100	971	321	150	325	83	160	150	35x19x24	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



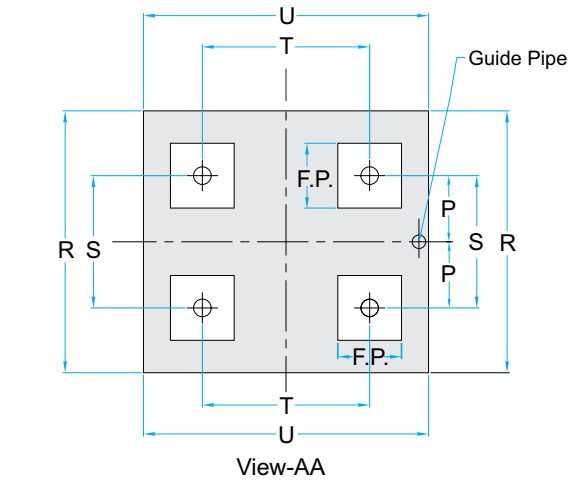
960 / 1250 RPM

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

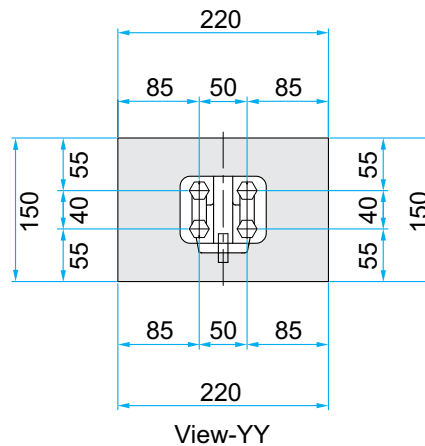
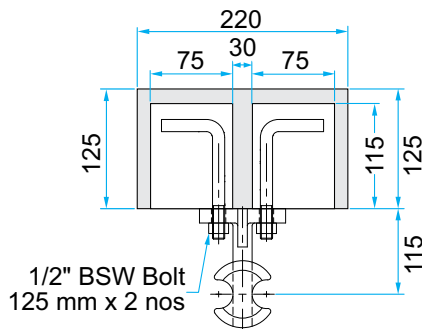
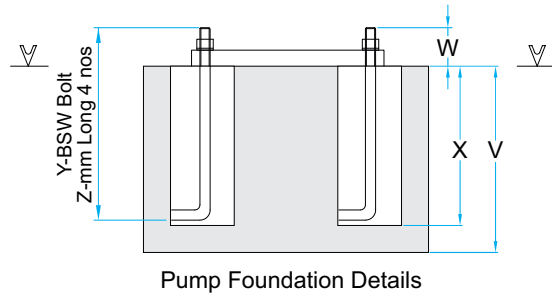


Foundation Details for Auto Coupling



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

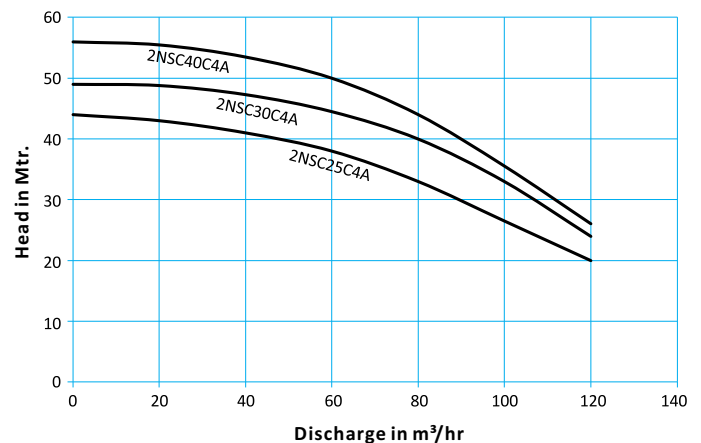
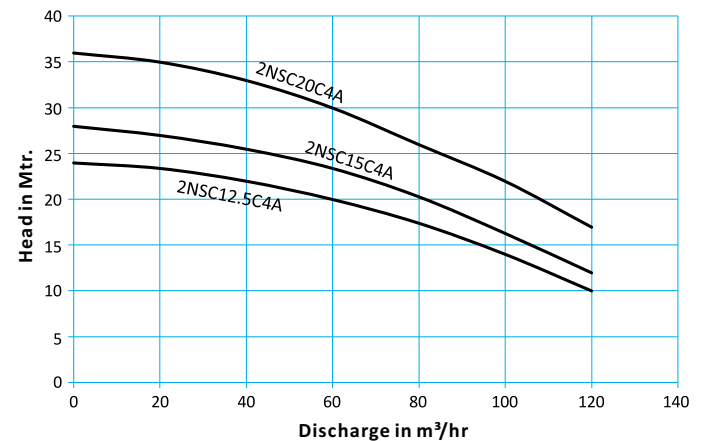
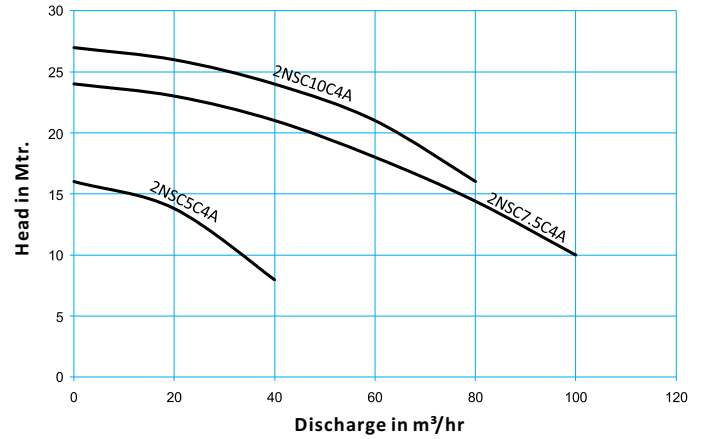
All Dimension are in mm

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																											
				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
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

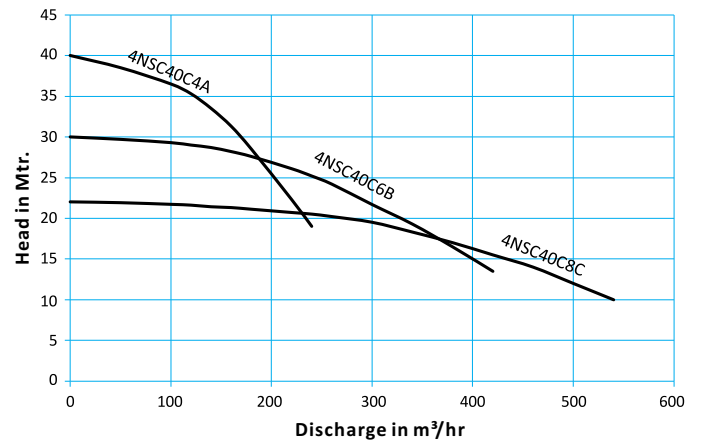
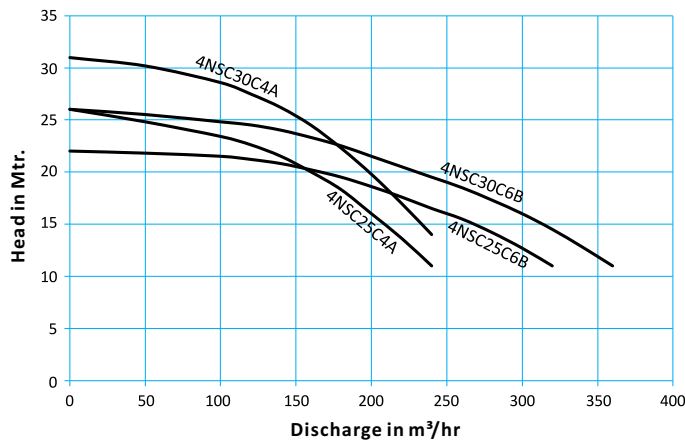
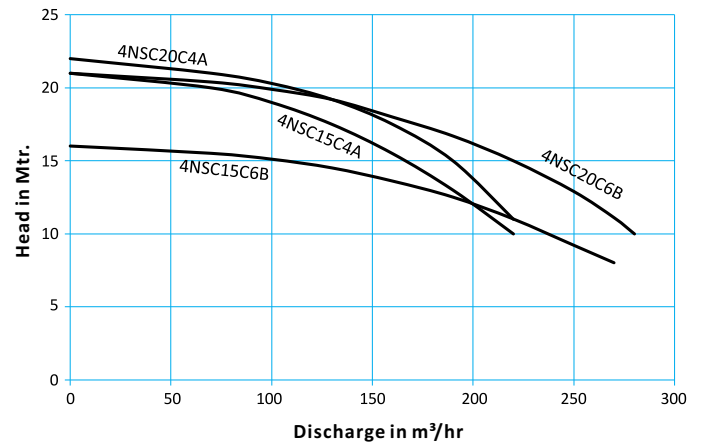
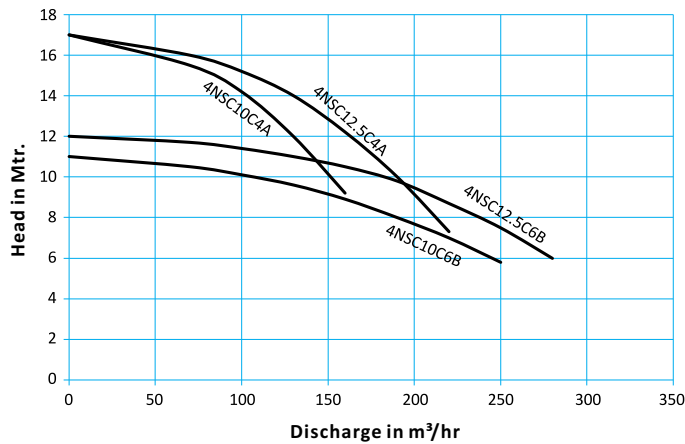
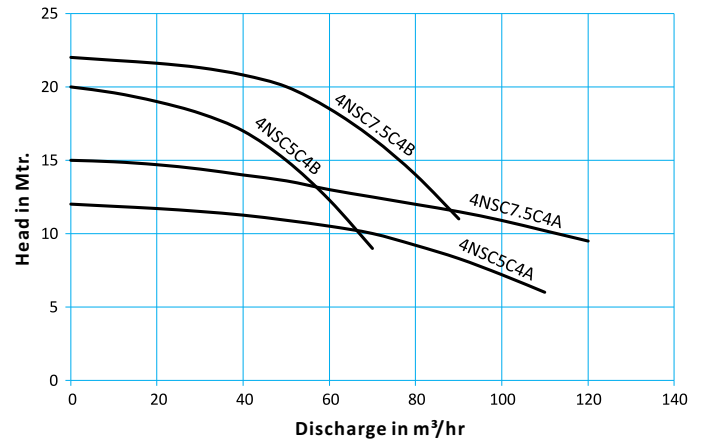
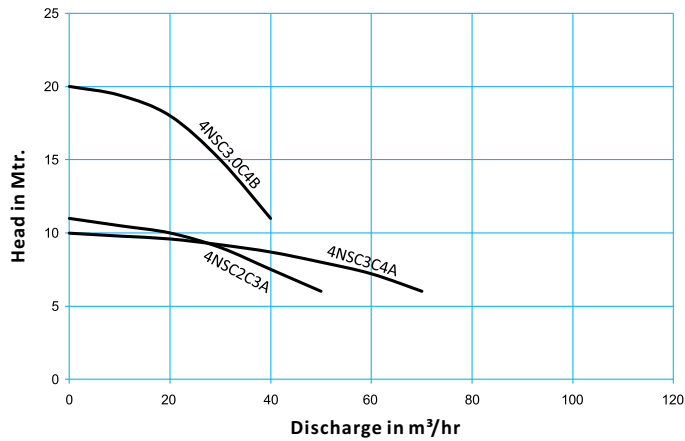


Performance Chart • 1450 / 1750 RPM

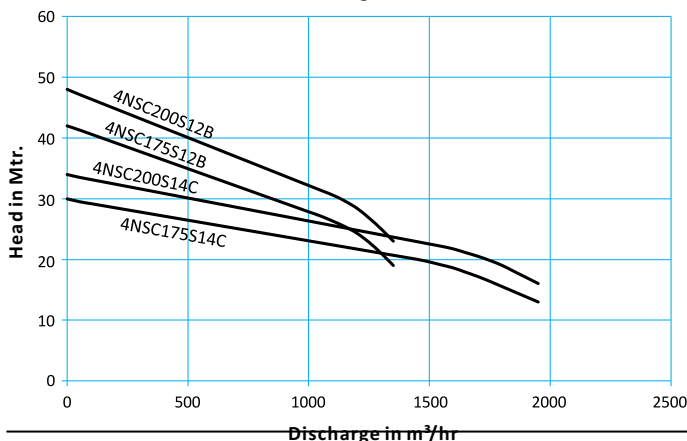
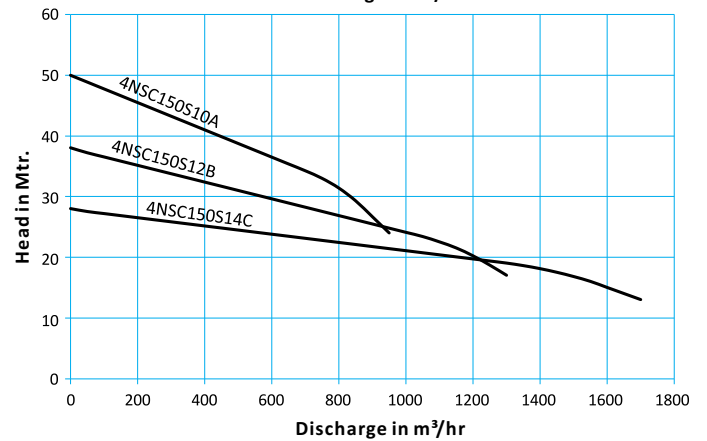
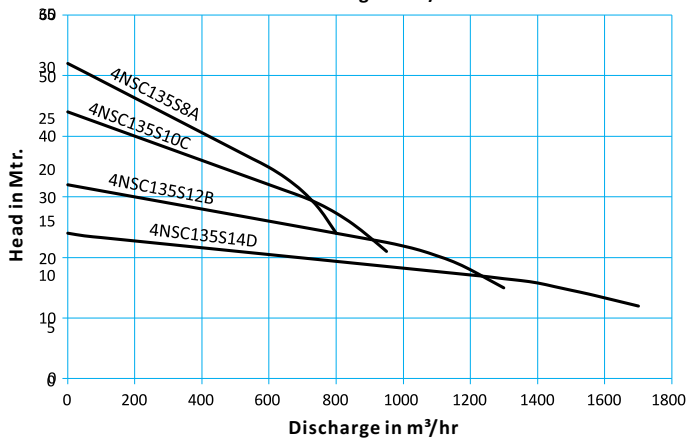
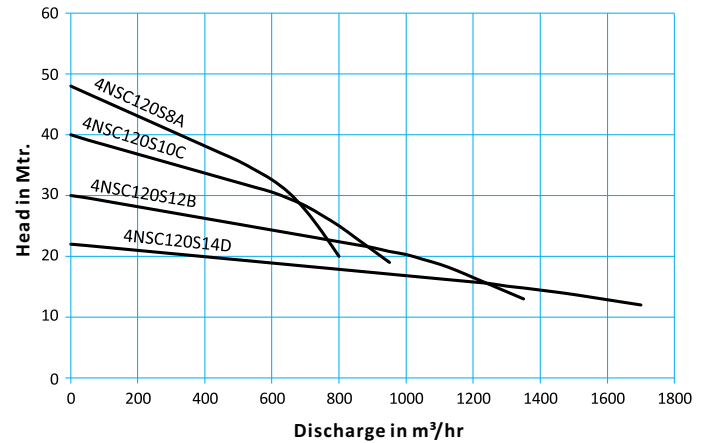
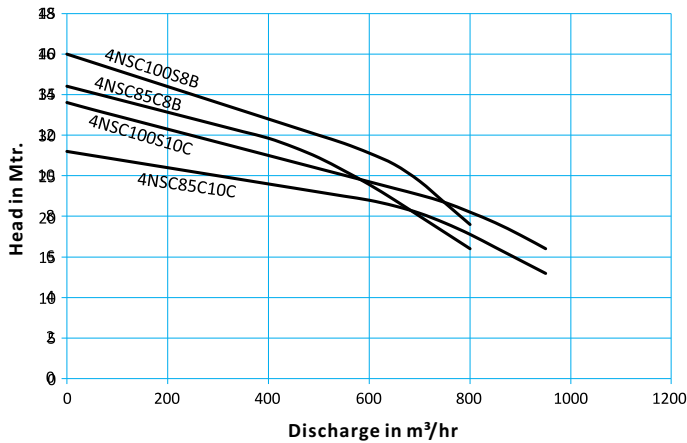
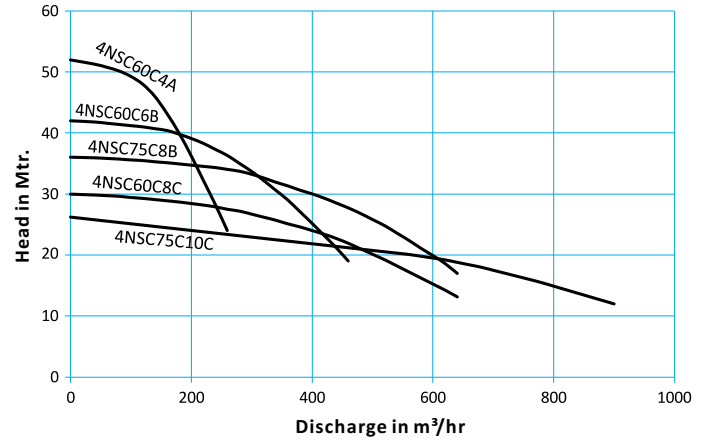
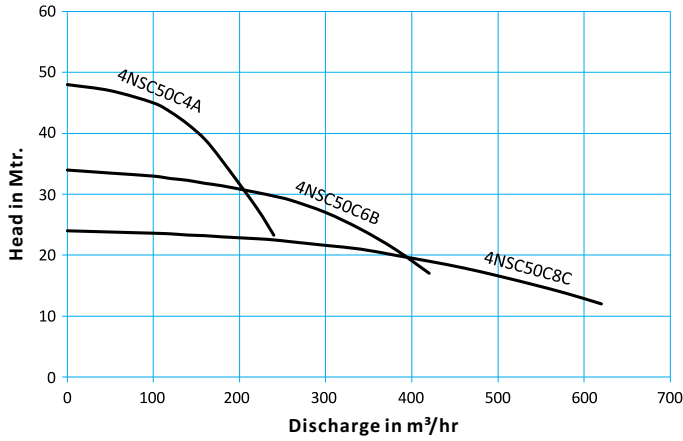
No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																			
				6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26
1	4NSC2C3A	2/1.5	75	49	43	37	30	20															
2	4NSC3C4A	3/2.2	100	74	64	51	28																
3	4NSC3.0C4B	3/2.2	100														13						
4	4NSC5C4A	5/3.7	100	110	102	93	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																				
9	4NSC10C6B	10/7.5	150	246	220	190	151	85															
10	4NSC12.5C4A	12.5/9.3	100																				
11	4NSC12.5C6B	12.5/9.3	150																				
12	4NSC15C4A	15.0/11.2	100																				
13	4NSC15C6B	15.0/11.2	150																				
14	4NSC20C4A	20.0/15.0	100																				
15	4NSC20C6B	20.0/15.0	150																				
16	4NSC25C4A	25.0/18.5	150																				
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																				

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																				
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

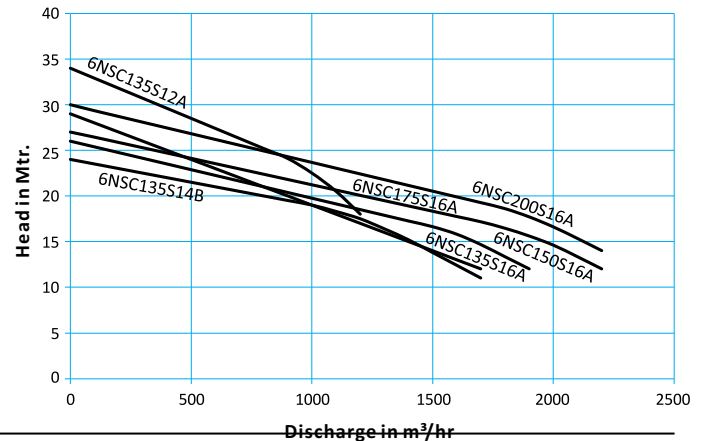
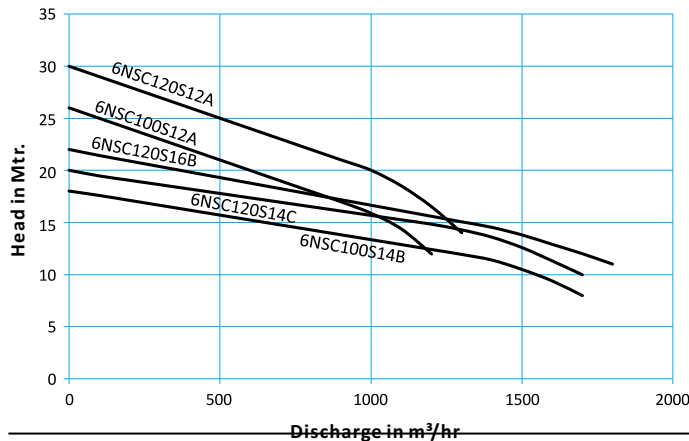
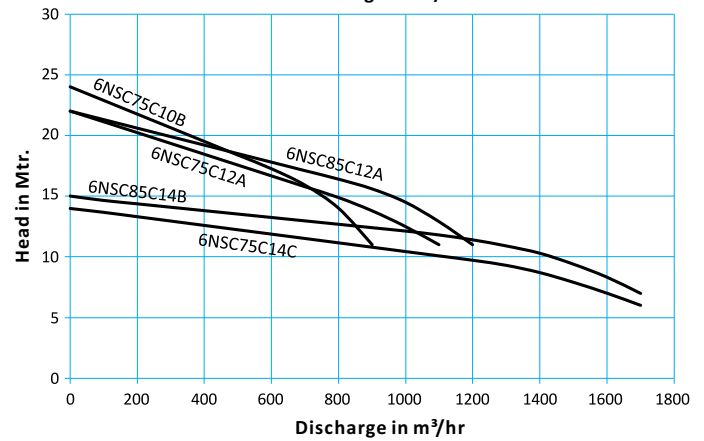
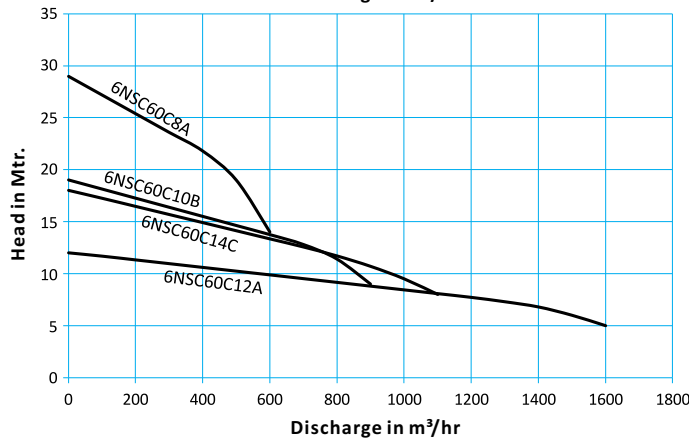
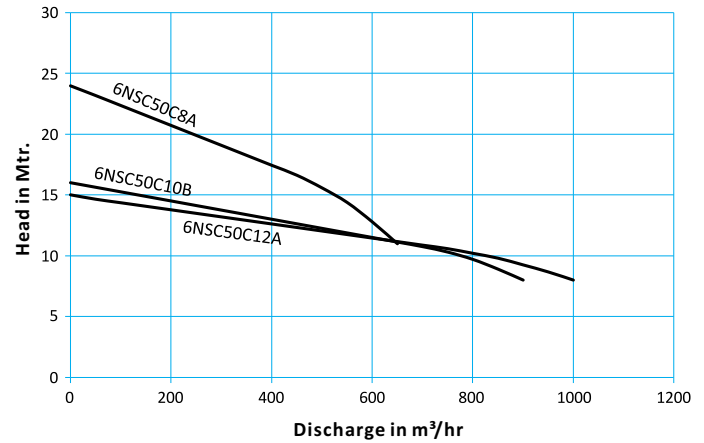
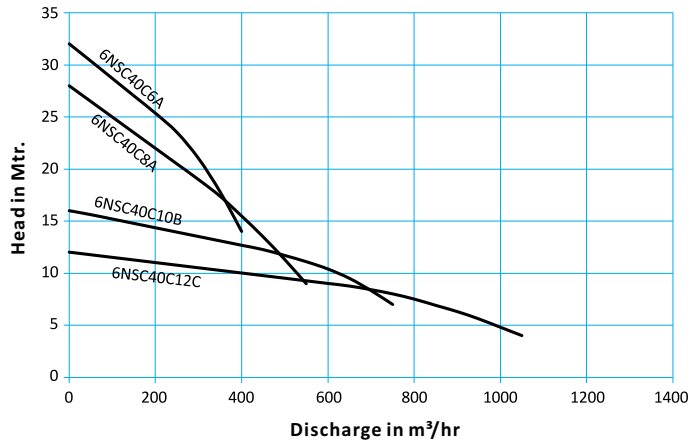
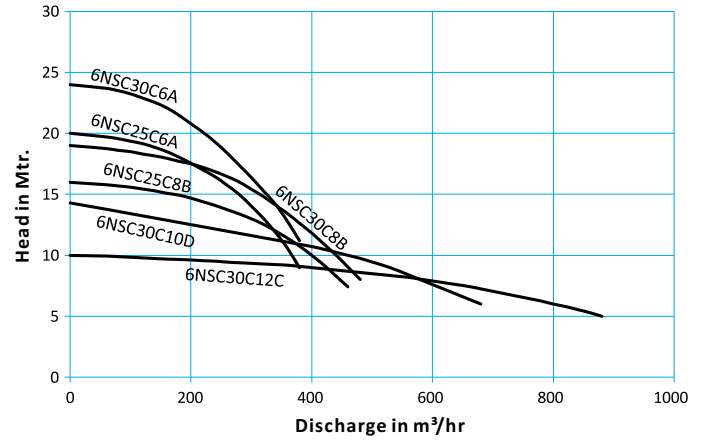
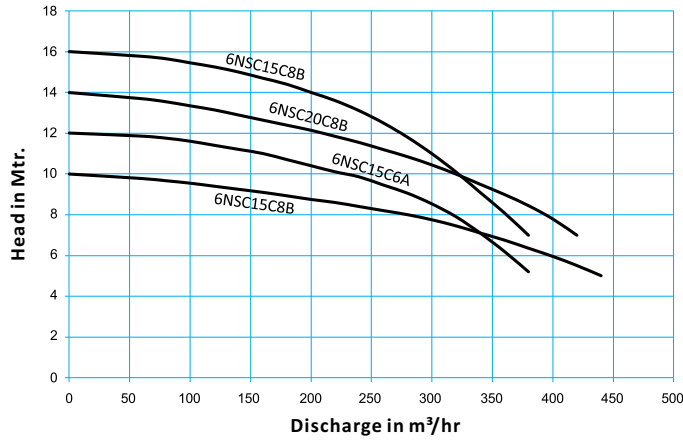


Submersible Sewage Pumps

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										1882	1819	1754	1686	1613	1456	1367	1271	1040	889	676					
36	6NSC175S16A	175.0/130.5	400										2172	2105	2035	1962	1885	1719	1628	1529	1301	1163	994					
37	6NSC200S16A	200.0/149.2	400											2172	2112	2050	1919	1849	1776	1617	1529	1435	1216	919	685			

Performance Curves • 960 / 1250 RPM





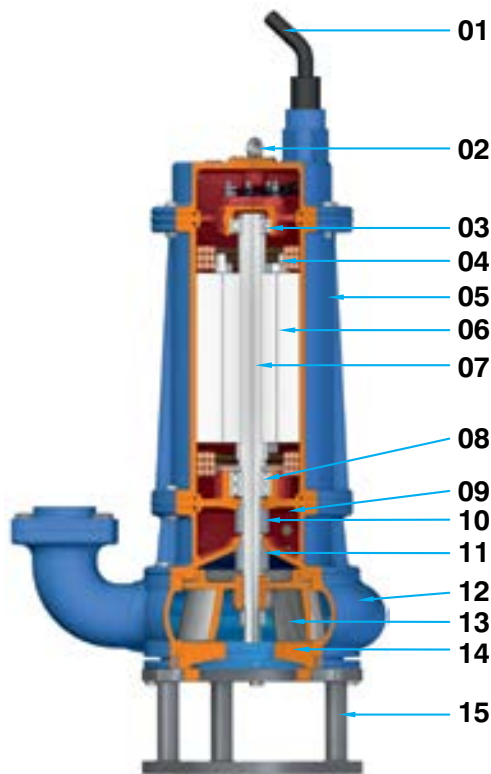
The MANHOLE series pumps
for tough sites

MANHOLE size internationally is
600 mm and 540 mm, with its
smart dimensions MBH MANHOLE
pumps can be lowered in any
manhole. All you need is a
tripod or hydraulic crane.

Capable of dewatering upto 180 m³/hr
at distances upto 2 km

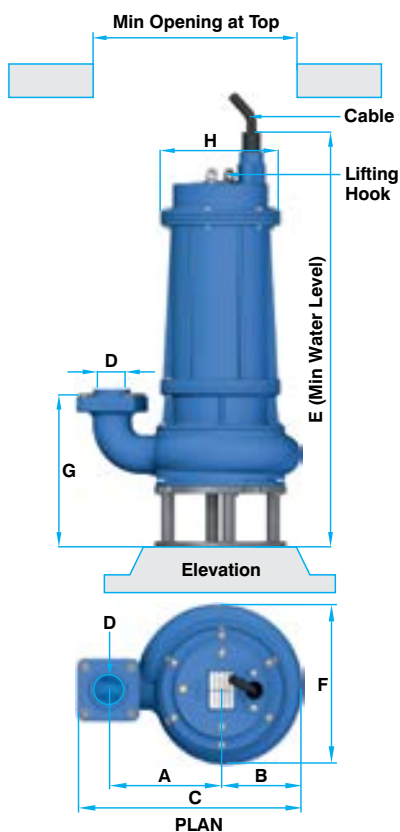


Cross Section



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	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		

GA Drawing



All Dimension are in mm

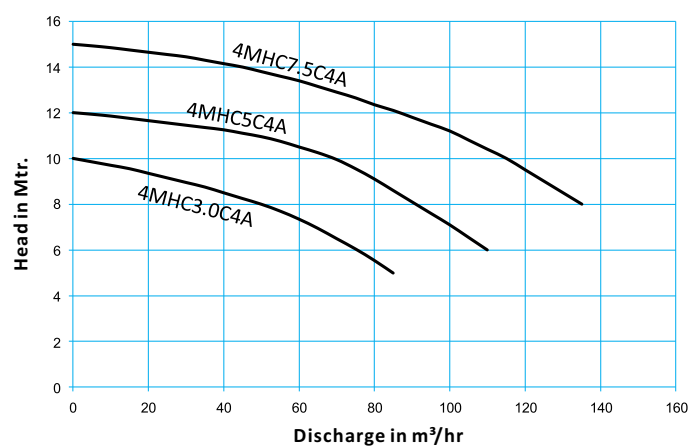
MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	PUMP WEIGHT in Kg.	BOX SIZE LXBXH in inch	BOX WEI-GHT in Kg.	TOTAL WEI-GHT in Kg.
4MHC3.0C4A	775	231	160	475	100	706	325	330	185	130	34x19x25	63	193
4MHC5.0C4A	775	231	160	475	100	755	325	330	248	148	36x19x25	66	214
4MHC7.5C4A	775	231	160	475	100	805	325	330	248	187	38x19x25	68	255

Manhole Series Pumps

Performance Chart • 1450 / 1750 RPM

No.	Model	HP / KW	Del. Size in mm		HEAD IN METERS											
					3	4	5	6	7	8	9	10	11	12	13	14
1	4MHC3.0C4A	3.0 / 2.2	100	DISC. IN m³/hr			83	74	64	51	28					
2	4MHC5C4A	5.0 / 3.7	100					110	102	93	82	70	51			
3	4MHC7.5C4A	7.5 / 5.5	100							137	126	115	103	88	69	36

Performance Curves • 1450 / 1750 RPM





We move SOLIDS

Affordable slurry pumps

Flow rate upto 480 m³/hr
Maximum head upto 50 m
Range of 12 pumps 5 to 60 hp
Solid handling upto 40 mm

27% High chrome impeller
2% nickel hardened volute casing

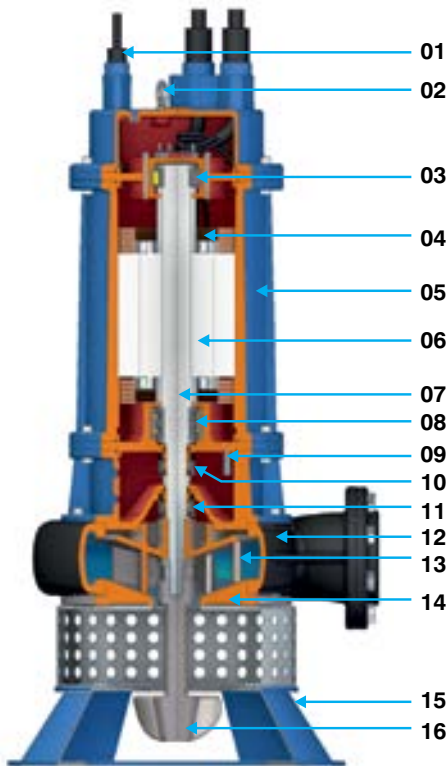
Inbuilt heavy duty Agitator



Agitator

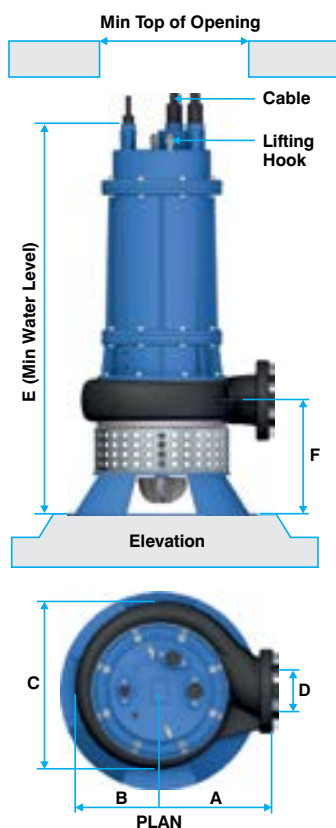


Cross Section



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	C.I. IS-210, FG260
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S 410 / S.S 431
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	2% NI C.I. IS-210, FG260
13	IMPELLER	27% HIGH CHROME
14	SPIRAL PLATE	2% NI C.I. IS-210, FG260
15	PUMP STAND	M.S FABRICATED
16	AGITATOR	S.S. 304
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



All Dimension are in mm

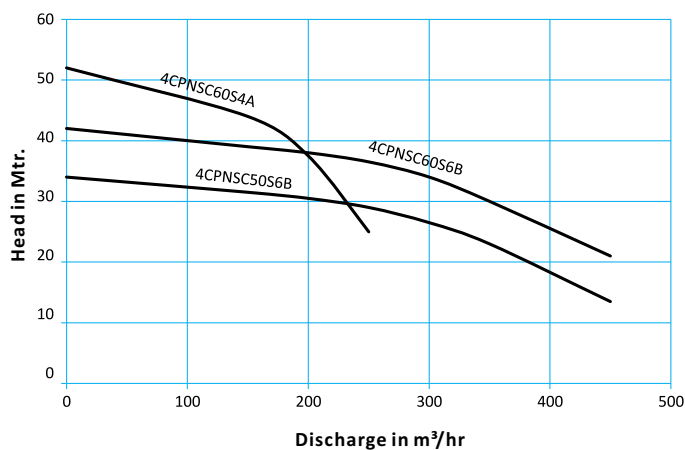
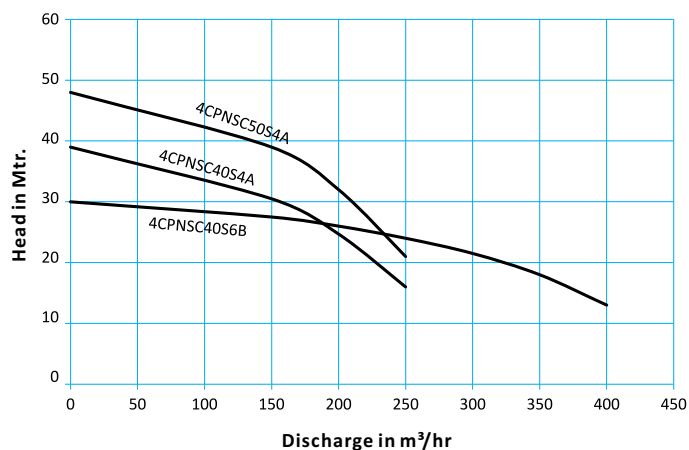
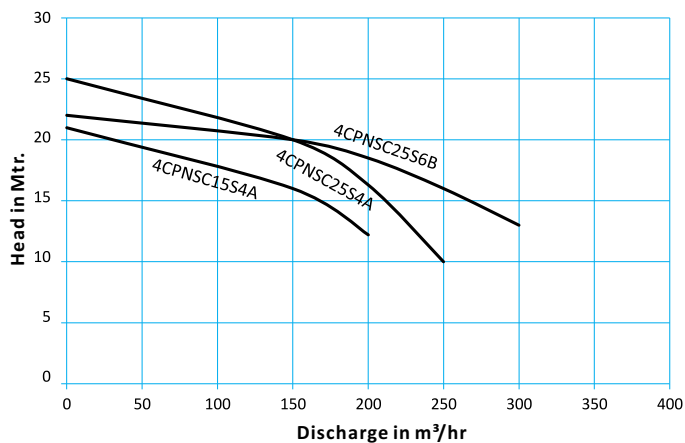
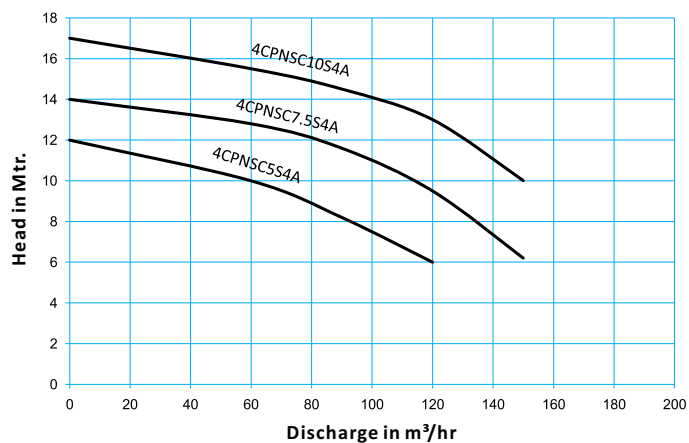
MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4CPNSC5S4A	675	215	160	321	100	848	252	170	40x20x26	239
4CPNSC7.5S4A	675	215	160	321	100	948	252	187	44x20x26	259
4CPNSC10S4A	772	263	209	415	100	975	252	196	45x23x30	283
4CPNSC15S4A	772	263	209	415	100	1040	252	223	48x23x30	315
4CPNSC25S4A	798	280	218	440	100	1132	275	324	52x24x31	433
4CPNSC25S6B	889	330	259	515	150	1127	272	340	51x27x34	466
4CPNSC40S4A	890	335	255	533	100	1358	257	478	60x28x34	619
4CPNSC40S6B	950	362	288	575	150	1360	385	494	61x30x36	653
4CPNSC50S4A	890	335	255	533	100	1408	357	491	62x28x34	636
4CPNSC50S6A	950	362	288	575	150	1410	385	516	62x30x37	680
4CPNSC60S4A	890	335	255	533	100	1458	357	538	64x28x34	688
4CPNSC60S6A	950	362	288	575	150	1460	385	546	64x30x36	715

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	16	17	18	19	20	22	23	24
1	4CPNSC5S4A	5.0/3.7	100	DISCHARGE IN m ³ /hr	110	102	93	82	70	51											
2	4CPNSC7.5S4A	7.5/5.5	100				137	126	115	103	88	69	36								
3	4CPNSC10S4A	10.0/7.5	100				166	158	149	139	129	117	103	61							
4	4CPNSC15S4A	15.0/11.0	100						213	204	195	185	174	150	136	119	99	67			
5	4CPNSC25S4A	25.0/18.5	100								231	223	215	198	189	179	168	156	128	109	83
6	4CPNSC25S6B	25.0/18.5	150							320	308	295	282	251	234	215	193	166			

No.	Model	HP/KW	Del. Size in mm		HEAD IN METERS																								
					14	16	17	18	19	20	22	23	24	26	28	30	32	34	36	37	38	40	42	45	47	48	50		
7	4CPNSC40S4A	40.0/30.0	100	DISCHARGE IN m³/hr					234	228	218	213	207	195	182	168	152	133	110	96	75								
8	4CPNSC40S6B	40.0/30.0	150		396	374	362	350	337	324	295	279	262	222	168														
9	4CPNSC50S4A	50.0/37.0	100									235	231	222	214	205	195	185	174	168	162	148	133	102	64				
10	4CPNSC50S6B	50.0/37.0	150				428	416	405	393	367	354	340	309	274	231	173												
11	4CPNSC60S4A	60.0/45.0	100										255	248	239	231	222	212	202	197	191	180	167	145	127	117	89		
12	4CPNSC60S6B	60.0/45.0	150						456	447	429	420	410	390	369	346	321	293	260	241	220	162							

Performance Curves • 1450 / 1750 RPM





We move SOLIDS



The Ni-HARD series pumps are designed for continuous pumping under the most difficult operating conditions.

Flow rate upto 420 m³/hr
Maximum head 50 m
Solid content by weight 65%
Specific gravity 2.8 kg/l
Solid handling size 40 mm

Available with 13 models

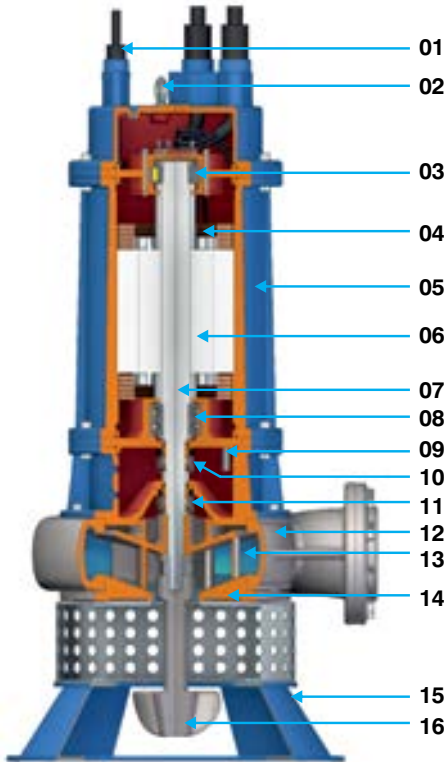


Agitator



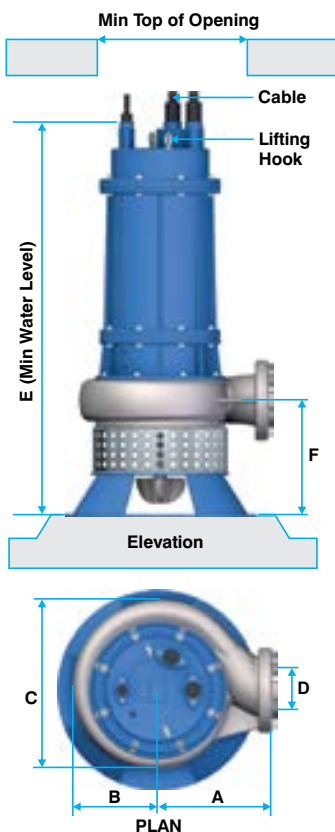
Ni-HARD Series Submersible Slurry Pumps

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	C.I. IS-210, FG260
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S 410 / S.S 431
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	NI HARD
13	IMPELLER	NI HARD
14	SPIRAL PLATE	NI HARD
15	PUMP STAND	M.S. FABRICATED
16	AGITATOR	S.S. 304
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



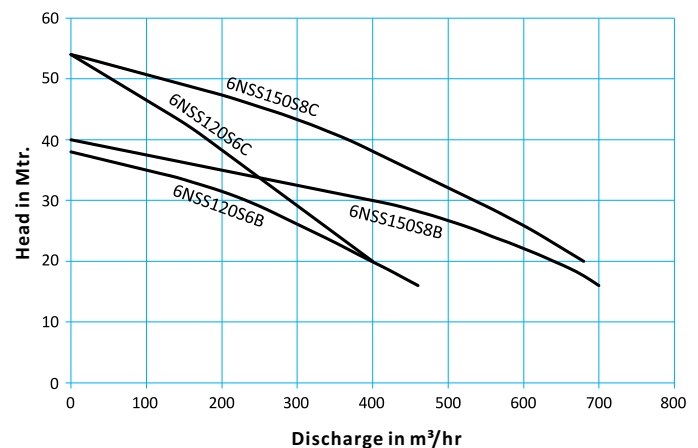
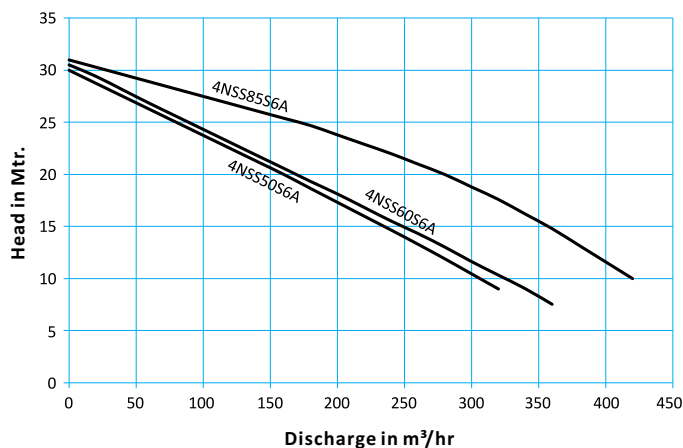
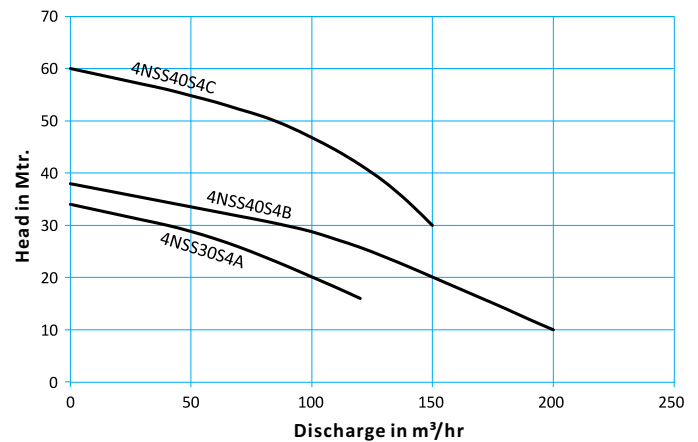
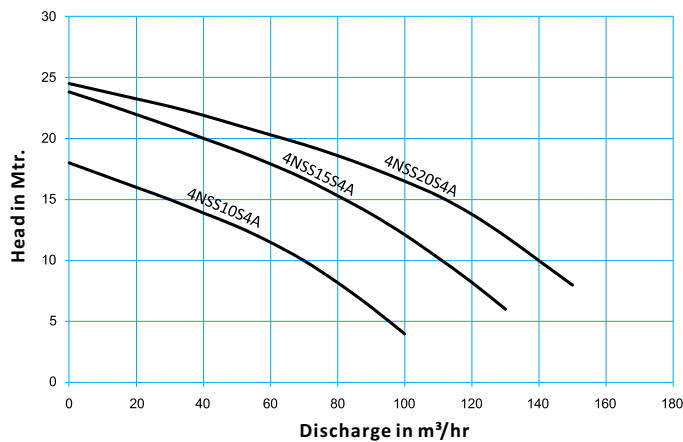
All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4NSS10S4A	801	282	219	438	100	1037	260	198	48x24x31	298
4NSS15S4A	801	282	219	438	100	1102	260	216	51x24x31	325
4NSS20S4A	801	282	219	437	100	1167	265	275	53x24x31	384
4NSS30S4A	801	282	219	437	100	1312	265	320	59x24x31	441
4NSS40S4B	885	333	252	500	100	1432	375	480	64x27x34	628
4NSS40S4C	885	333	252	500	100	1432	375	480	64x27x34	628
4NSS50S6A	893	333	260	518	150	1442	380	495	64x27x34	643
4NSS60S6A	893	333	260	518	150	1502	380	664	67x27x34	816
4NSS85S6A	881	330	251	498	150	1609	395	784	71x27x34	940
6NSS120S6B	1067	468	319	635	200	1850	270	1233	75x31x39	1449
6NSS120S6C	1067	468	319	635	200	1850	270	1233	75x31x39	1449
6NSS150S8B	1067	468	319	635	200	1950	270	1320	77x36x44	1542
6NSS150S8C	1067	468	319	635	200	1950	270	1320	77x36x44	1542

Performance Chart • 1450 / 960 RPM

No.	Model	Name	HP/KW	RPM	Del. Size mm		HEAD IN METERS																											
							4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58
1	4NSS10S4A	Handy	10.0/7.5	1450	100	DISCHARGE IN m ³ /hr	96	84	78	72	51	39	21																					
2	4NSS15S4A	Junior	15.0/11.0	1450	100			126	120	111	99	87	72	57	39	18																		
3	4NSS20S4A	Maximo	20.0/15.0	1450	100				150	144	132	120	105	90	63	42																		
4	4NSS30S4A	Maximo XL	30.0/22.0	1450	100								117	111	102	96	87	75	63	42	12													
5	4NSS40S4B	Terminator H	40.0/30.0	1450	100					204	192	186	177	165	156	147	132	120	105	90	72	51	27											
6	4NSS40S4C	Terminator HH	40.0/30.0	1450	100															150	147	144	141	138	135	111	105	96	93	85	80	69	60	35
7	4NSS50S6A	Commando	50.0/37.0	1450	150					312	282	252	228	192	165	126	84	48	12															
8	4NSS60S6A	Destroyer	60.0/45.0	1450	150					360	348	300	240	222	186	156	102	48	24															
9	4NSS85S6A	Finisher	85.0/63.5	1450	150					432	408	390	372	324	312	270	204	156	66															
10	6NSS120S6B	Excavator M	120.0/90.0	960	150								450	432	402	381	351	321	280	240	201	141	72											
11	6NSS120S6C	Excavator H	120.0/90.0	960	150										390	372	351	330	312	291	270	252	231	210	192	162	141	111	81	51	21			
12	6NSS150S8B	Ultimate M	150.0/112.0	960	200								711	681	642	600	561	522	480	432	372	300	240	162										
13	6NSS150S8C	Ultimate H	150.0/112.0	960	200										672	630	621	600	570	552	522	492	462	432	402	351	300	270	222	150	51			

Performance Curves • 1450 / 1750 RPM





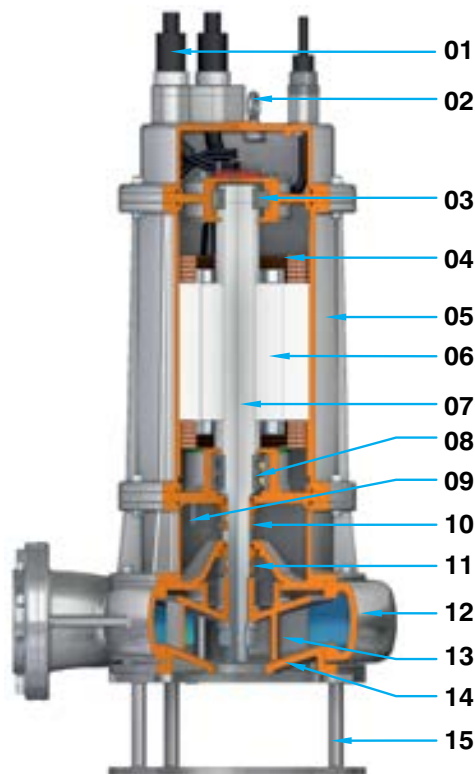
The SS & DS Series pumps use highly corrosion-resistant materials for all parts that are exposed to fluids, perfect for sea water applications.

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

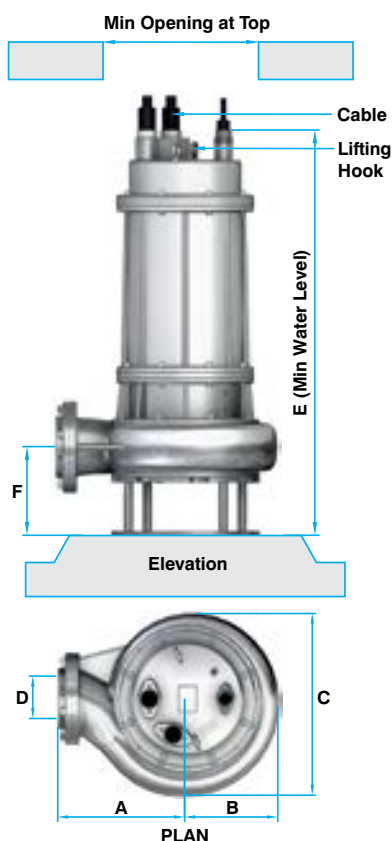


Cross Section



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



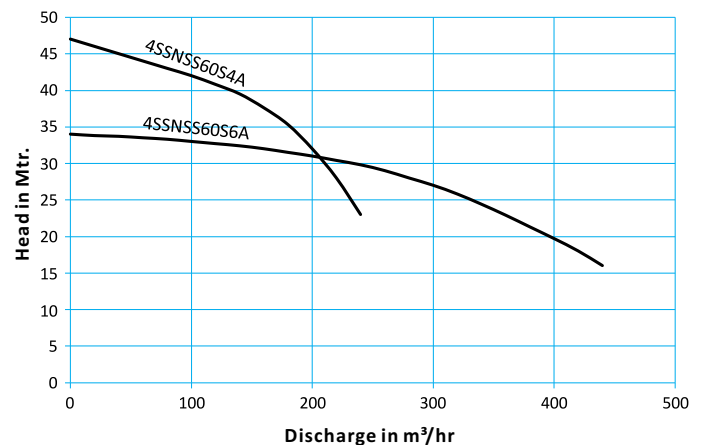
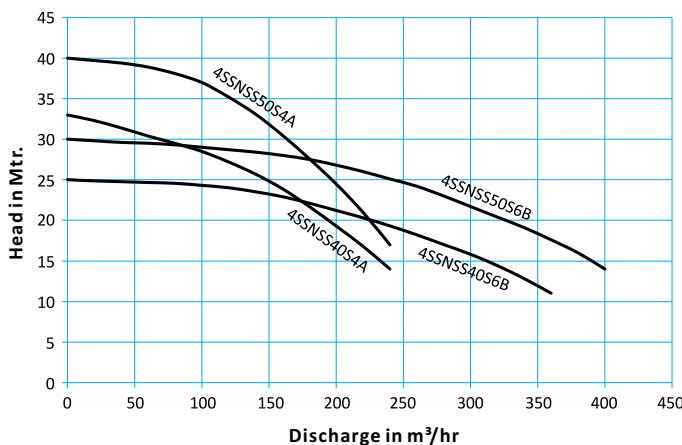
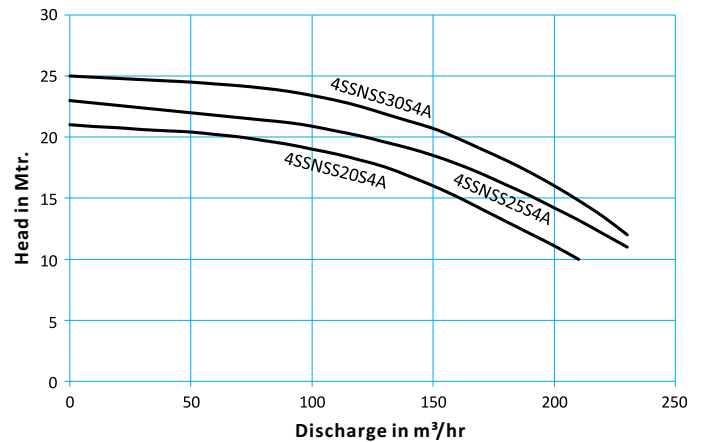
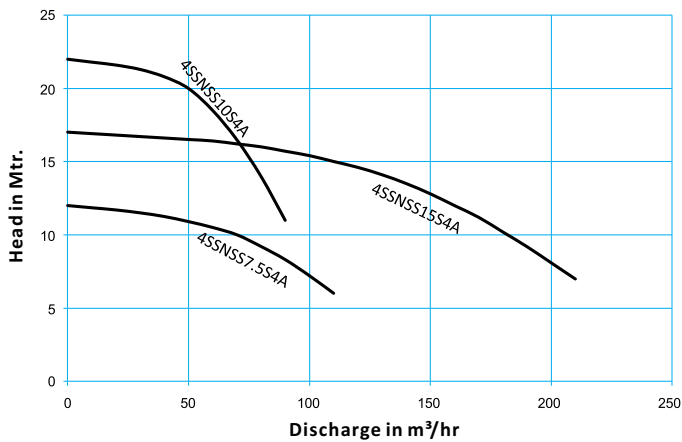
All Dimension are in mm

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							

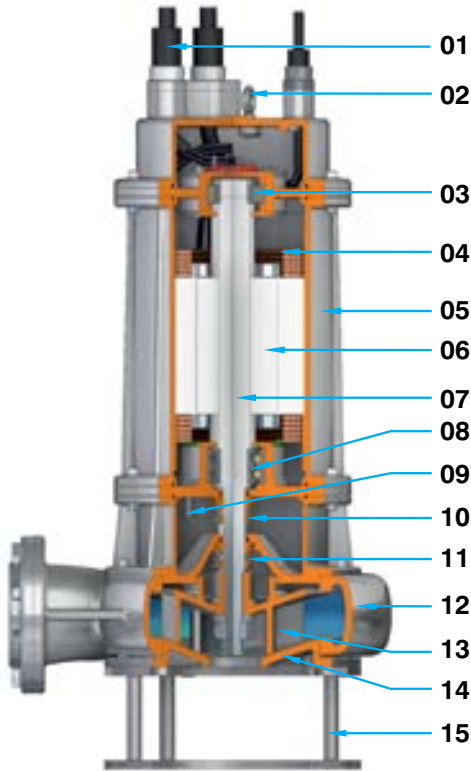
Performance Curves • 1450 / 1750 RPM



Submersible Sewage Pumps - DS Series

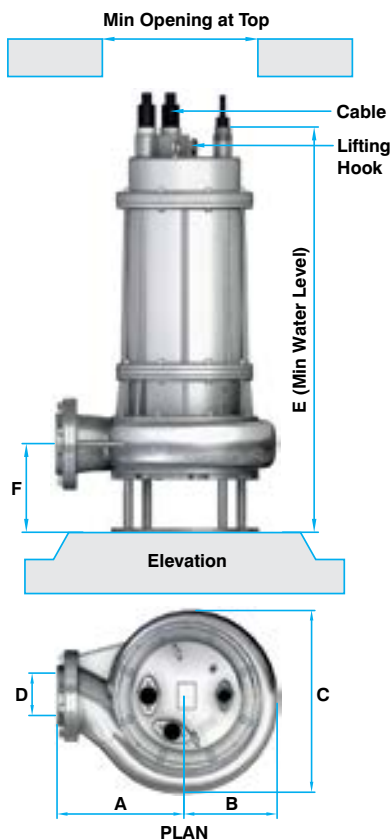
With Duplex Steel - 3A Construction

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

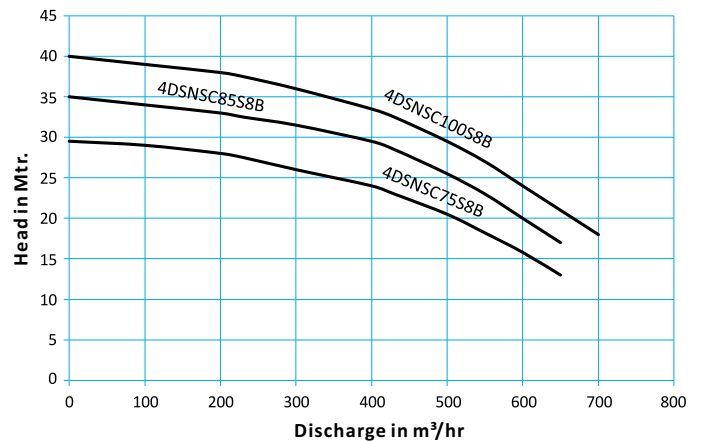
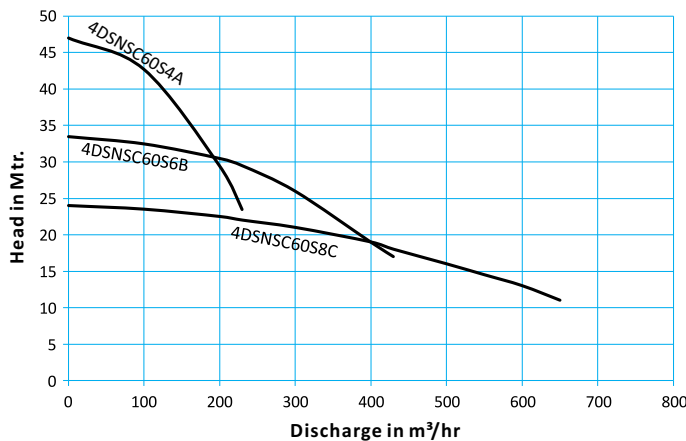
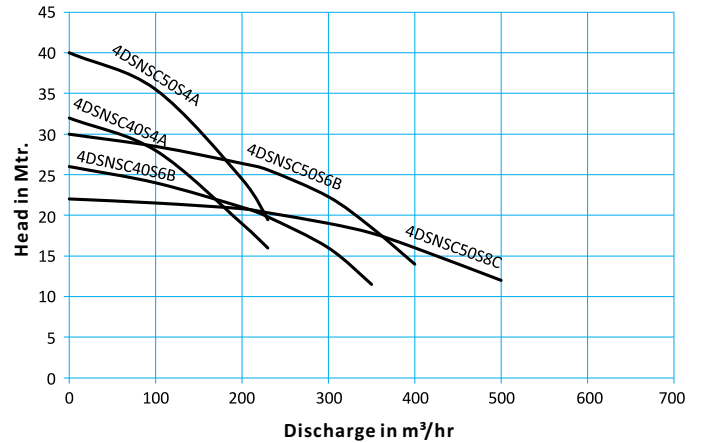
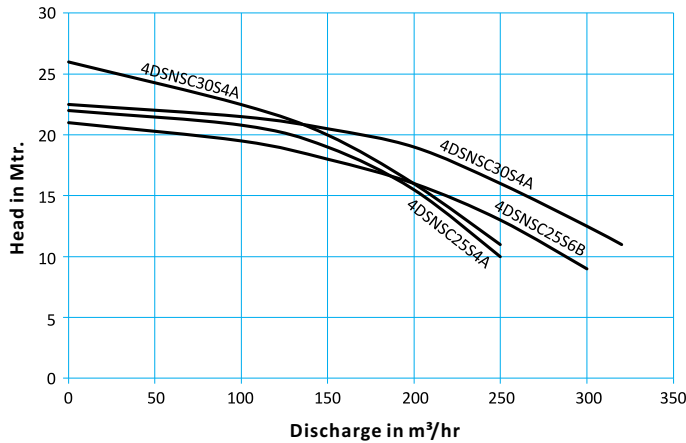
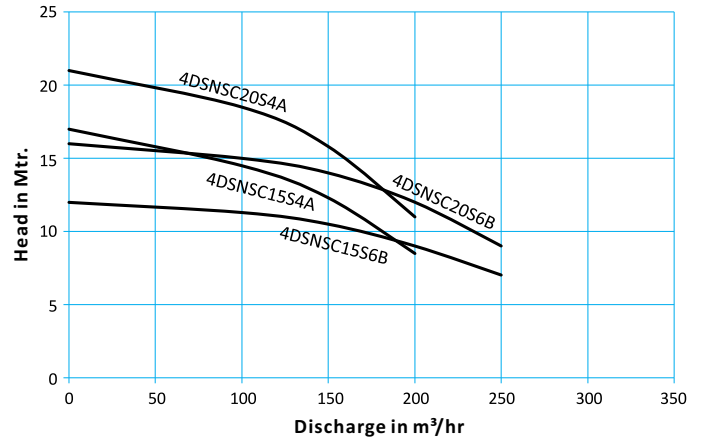
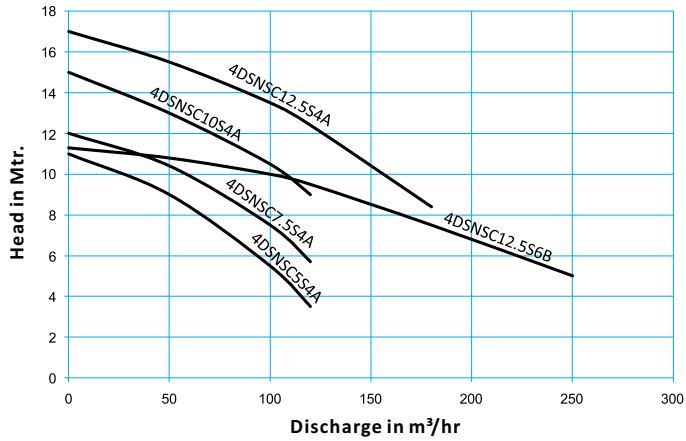
Performance Chart • 1450 / 1750 RPM

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





Dewatering from building
and construction sites

Flow rate upto 1500 m³/hr
Maximum head 120 m
Motor upto 222 kW

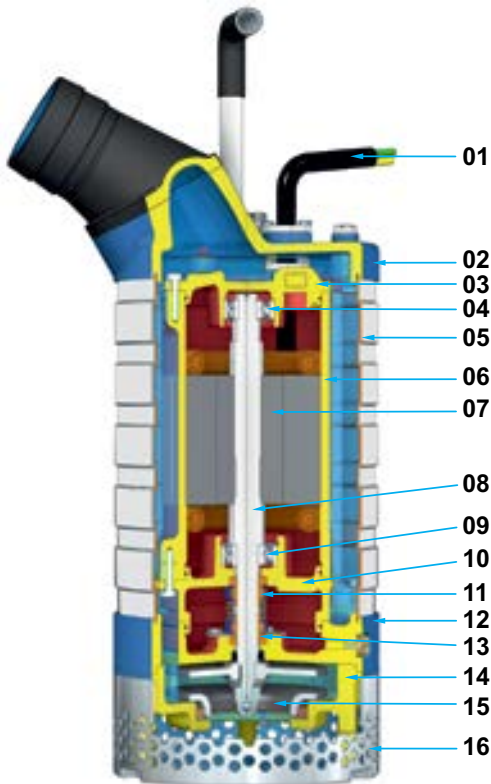
Ease of use, easy maintenance
and cost effective solutions



Submersible Dewatering Pumps

DCAL Series

Cross Section • Model : Aluminium • 1 to 15 HP



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	DISCHARGE OUT LET	ALUMINIUM
03	TOP BEARING COVER	ALUMINIUM
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304
06	STATOR BODY	ALUMINIUM
07	ROTOR	ALU. DYE-CAST
08	ROTOR SHAFT	S.S. 410
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BEARING HOUSING	ALUMINIUM
11	MECH. SEAL (UPPER)	CR / SS
12	BYPASS	ALUMINIUM
13	MECH. SEAL (LOWER)	TC / TC
14	GUIDE VANE	C.I.
15	IMPELLER	C.I. / S.S.
16	BASE WITH STRAINER	ALUMINIUM / S.S.
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : Aluminium • 1 to 15 HP



All Dimension are in mm

MODEL	MIN. OPENING	A	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2DCAL1C2H	275	200	50	410	21	18x12x9	26
2DCAL2C3H	275	200	75	430	26	18x12x9	32
2DCAL3C3H	280	210	75	420	30	18x12x10	37
2DCAL5C4M	280	240	100	500	45	21x12x11	55
2DCAL5C3H	280	240	75	500	45	21x12x11	55
2DCAL7.5C4M	390	270	100	495	55	21x17x12	70
2DCAL7.5C3H	390	270	75	495	55	21x17x12	70
2DCAL10C4M	390	270	100	550	65	23x17x12	100
2DCAL10C3H	390	270	75	550	65	23x17x12	100
2DCAL15C6M	440	305	150	825	105	34x19x13	145
2DCAL15C4H	440	305	100	845	105	35x19x13	145
2DCAL15C3HH	440	305	75	835	105	35x19x13	145

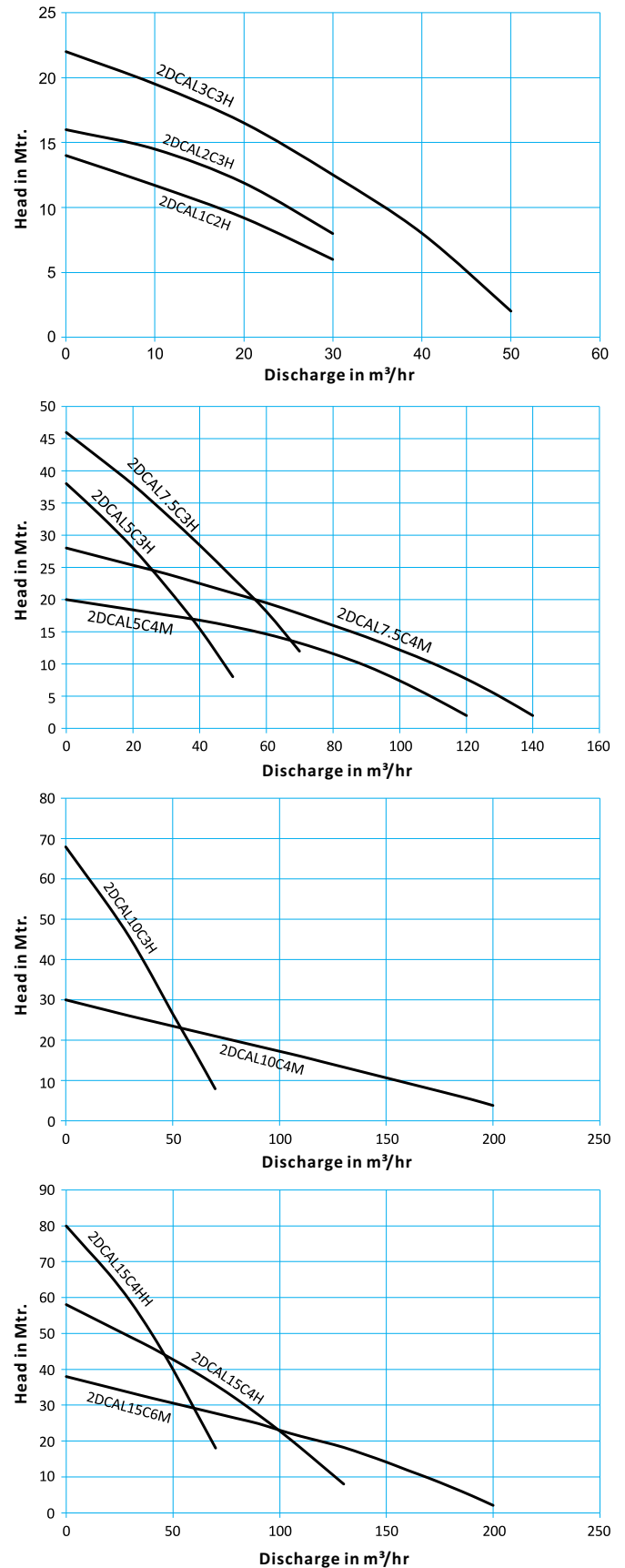
Submersible Dewatering Pumps

DCAL Series with Aluminium Construction

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Del. Size in mm	DISCHARGE IN m ³ /hr	HEAD IN METERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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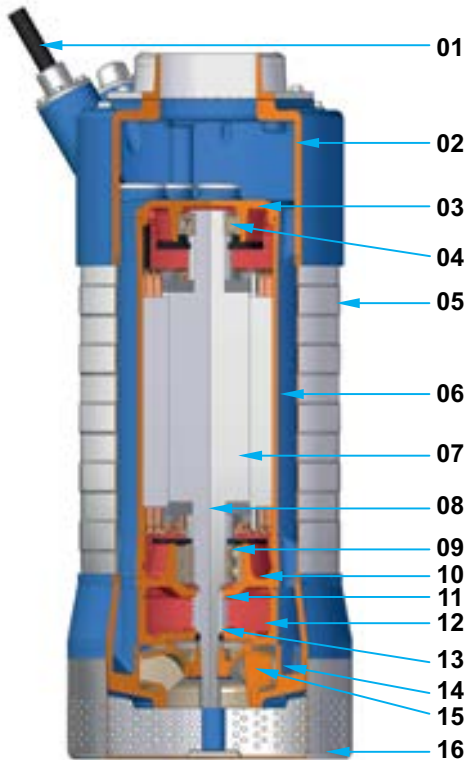
Performance Curves • 2900 / 3500 RPM



Submersible Dewatering Pumps

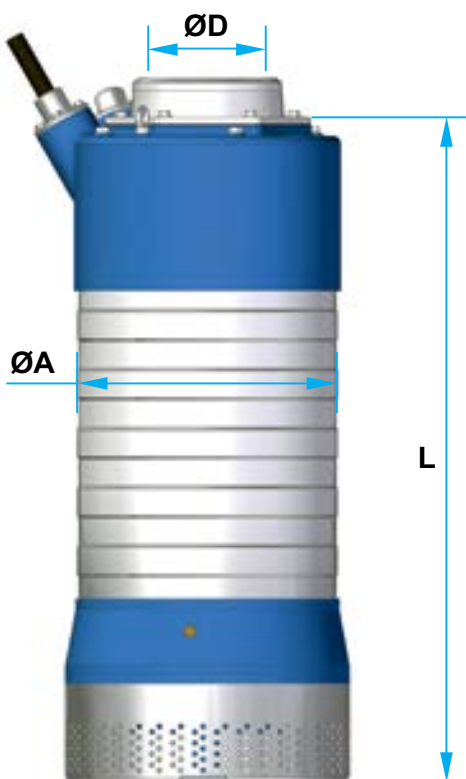
DCAL Series

Cross Section • Model : 25 to 85 HP



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC INSULATED SHEATHED
02	DISCHARGE OUTLET	ALLUMINIUM
03	TOP BRG. COVER	C.I. IS-210, FG260
04	BALL BEARING	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304
06	STATOR BODY	ALLUMINIUM
07	ROTOR	ALLU. DYE CAST
08	ROTOR SHAFT	S.S. 410
09	BALL BEARING	FAG. (GREASE LUB.)
10	BRG. HOUSING	C.I. IS-210, FG260
11	MECH SEAL (UPPER)	CR / SS
12	SEAL PLATE	C.I. IS-210, FG260
13	MECH SEAL (LOWER)	SIC / SIC
14	GUIDE VANE	C.I. IS-210, FG260
15	IMPELLER	C.I. / S.S.
16	BASE WITH STRAINER	C.I. / S.S.
#	FASTNER	S.S 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : 25 to 85 HP



All Dimension are in mm

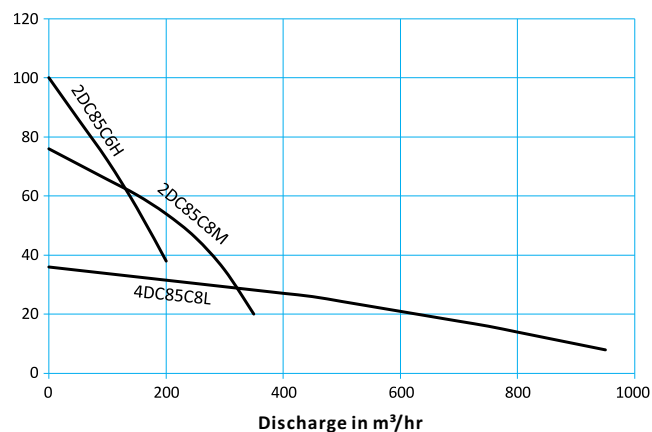
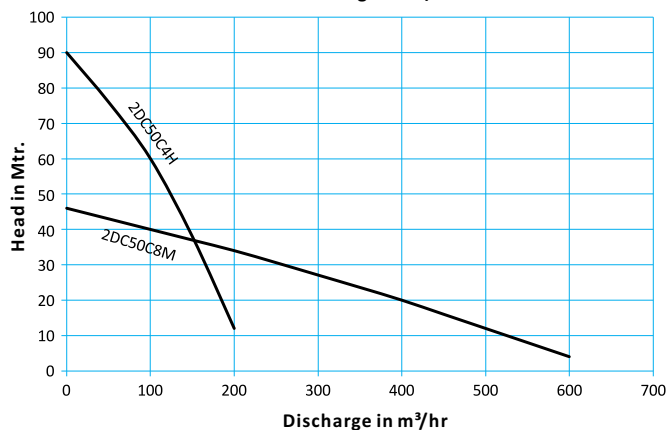
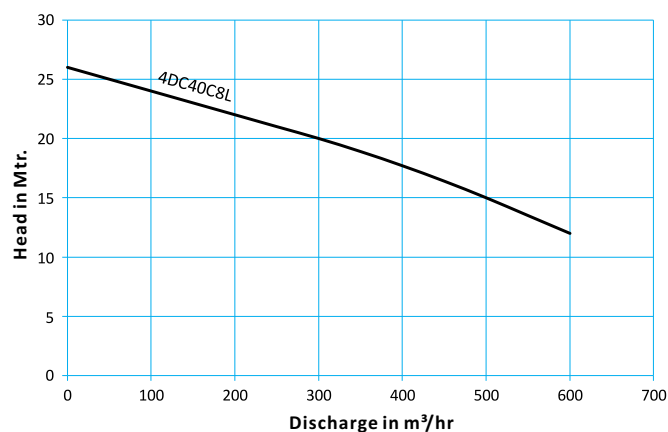
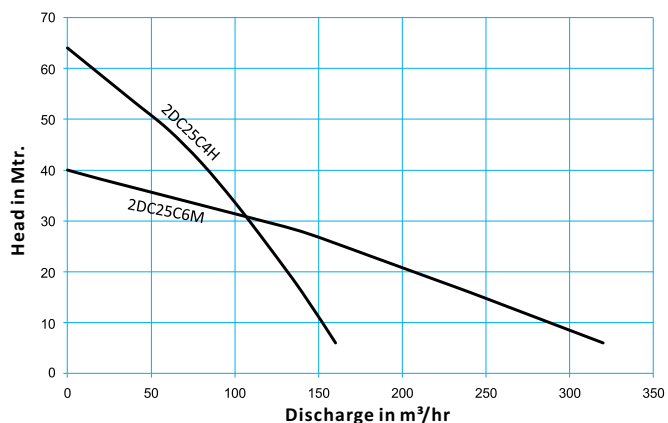
MODEL	MIN. OPENING	A	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2DCAL25C6M	Details available on request				Details available on request		
2DCAL25C4H	Details available on request				Details available on request		
4DCAL40C8L	Details available on request				Details available on request		
2DCAL50C8M	Details available on request				Details available on request		
2DCAL50C4H	Details available on request				Details available on request		
4DCAL85C8L	600	475	200/250	1230	Details available on request		
2DCAL85C8M	600	475	200	1230	Details available on request		
2DCAL85C6H	600	475	150	1230	Details available on request		

DCAL Series

Performance Chart • 2900 RPM

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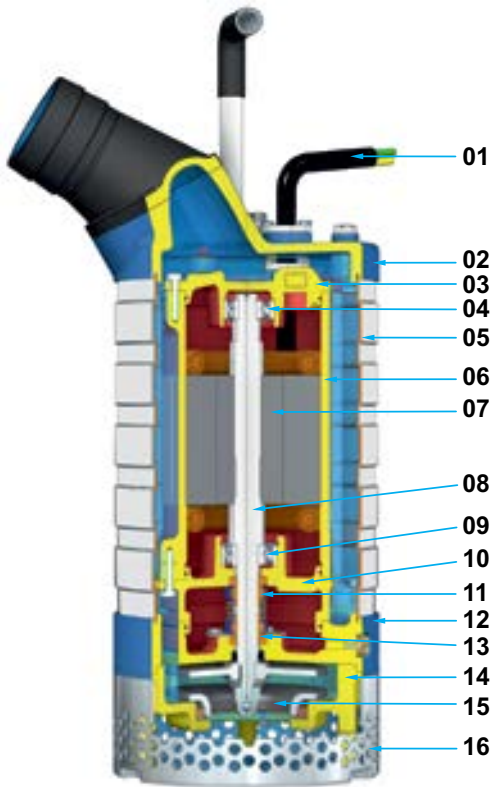
Performance Curves • 2900 RPM



Submersible Dewatering Pumps

DCSS Series

Cross Section • Model : SS • 1 to 15



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	DISCHARGE OUT LET	S.S. 304 / S.S. 316
03	TOP BEARING COVER	S.S. 304 / S.S. 316
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304 / S.S. 316
06	STATOR BODY	S.S. 304 / S.S. 316
07	ROTOR	ALU. DYE-CAST
08	ROTOR SHAFT	S.S. 410
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BEARING HOUSING	S.S. 304 / S.S. 316
11	MECH. SEAL (UPPER)	CR / SS
12	BYPASS	S.S. 304 / S.S. 316
13	MECH. SEAL (LOWER)	TC / TC
14	GUIDE VANE	S.S. 304 / S.S. 316
15	IMPELLER	S.S. 304 / S.S. 316
16	BASE WITH STRAINER	S.S. 304 / S.S. 316
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : SS • 1 to 15



All Dimension are in mm

MODEL	MIN. OPENING	A	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2DCSS1S2H	275	200	50	410	21	18x12x9	50
2DCSS2S3H	275	200	75	430	26	18x12x9	67
2DCSS3S3H	280	210	75	420	30	18x12x10	75
2DCSS5S4M	280	240	100	500	45	21x12x11	91
2DCSS5S3H	280	240	75	500	45	21x12x11	91
2DCSS7.5S4M	390	270	100	495	55	21x17x12	170
2DCSS7.5S3H	390	270	75	495	55	21x17x12	170
2DCSS10S4M	390	270	100	550	65	23x17x12	192
2DCSS10S3H	390	270	75	550	65	23x17x12	192
2DCSS15S6M	440	305	150	825	105	34x19x13	280
2DCSS15S4H	440	305	100	845	105	35x19x13	280
2DCSS15S3HH	440	305	75	835	105	35x19x13	280

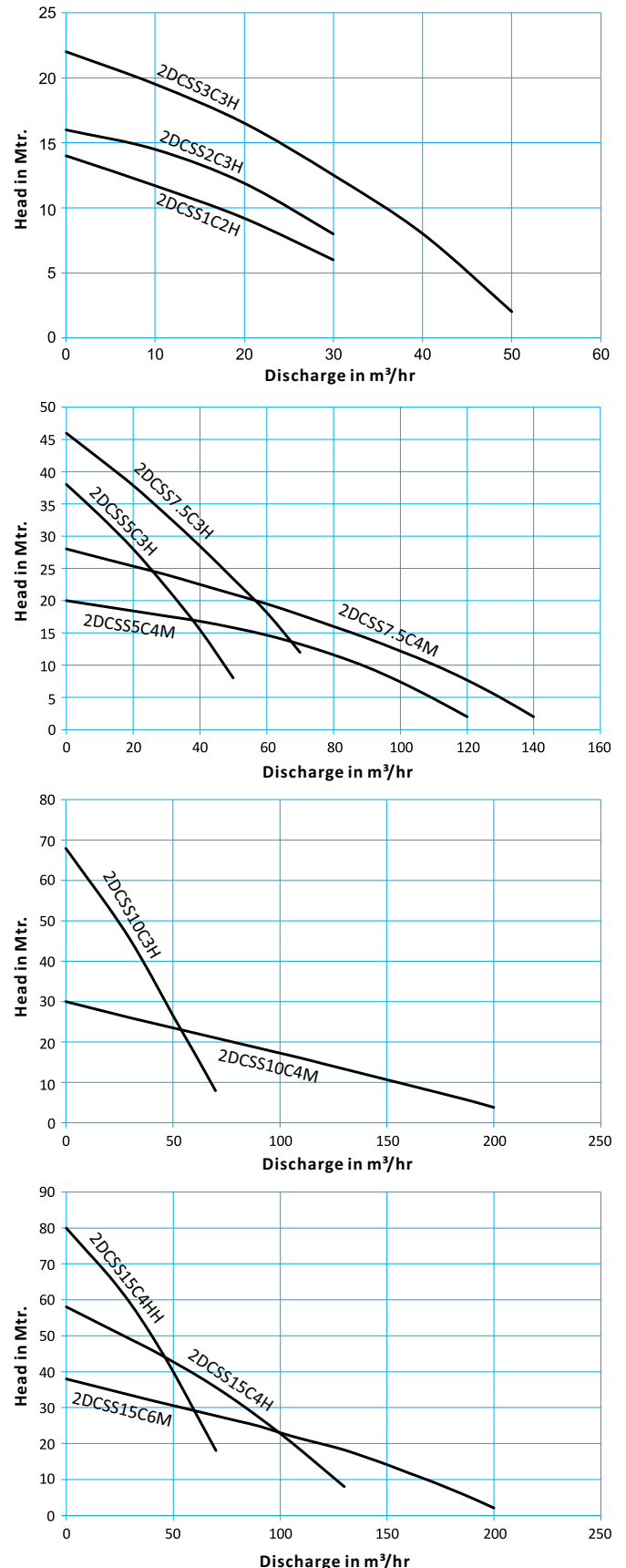
Submersible Dewatering Pumps

DCSS Series with SS 304 & SS 316 Construction

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Del. Size in mm	DISCHARGE IN m ³ /hr	HEAD IN METERS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Performance Curves • 2900 / 3500 RPM





Underground mine **DEWATERING**

Super high head dewatering pumps

Flow rate upto 550 m³/hr

Maximum head upto 210 m

Available 90 kW / 120 hp

Available with various voltage
options for mining application

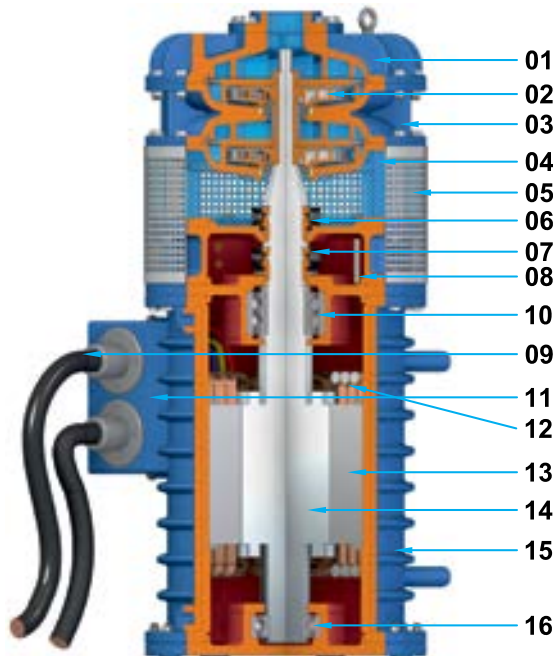
27% high chrome impellers

Offered with horizontal and
vertical installation kit



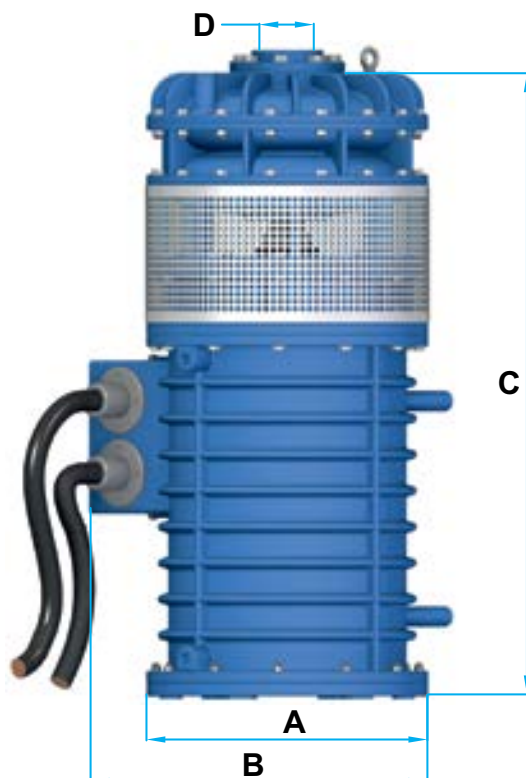
Tough Pumps HD Series Dewatering

Cross Section • HHDC120S4H



NO.	DESCRIPTION	MATERIAL
01	DISCHARGE OUT LET	C.I. IS-210, FG260
02	IMPELLER	27% HIGH CHROME
03	PUMP STAGE	C.I. IS-210, FG260
04	INTERMEDIATE PIECE	C.I. IS210 FG260
05	SUCTION STRAINER	S.S.
06	MECH. SEAL (UPPER)	CR / SS
07	MECH. SEAL (LOWER)	SIC / SIC
08	MOISTURE / SEAL LEAKAGE SENSOR (PSLD)	ALU. PROBE
09	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
10	BALL BEARING	FAG. (GREASE LUB.)
11	TERMINAL BOX	C.I. IS-210, FG260
12	THERMISTOR SENSOR (WTD)	GHANACON
13	ROTOR	ALU. DYE-CAST
14	ROTOR SHAFT	S.S. 431
15	MOTOR BODY	C.I. IS-210, FG260
16	BALL BEARING	FAG. (GREASE LUB.)
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • HHDC120S4H

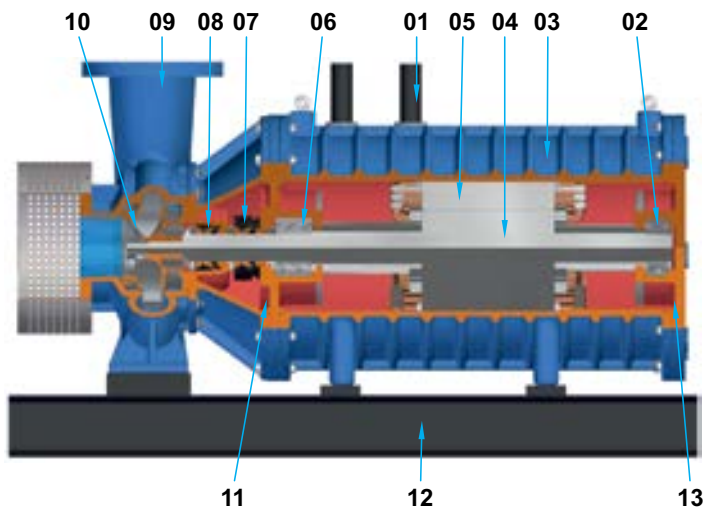


All Dimension are in mm

MODEL	HP	DEL.	A	B	C	D	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
HHDC120S4H	120	100	540	650	1302	100	1030	59x32x29	1210

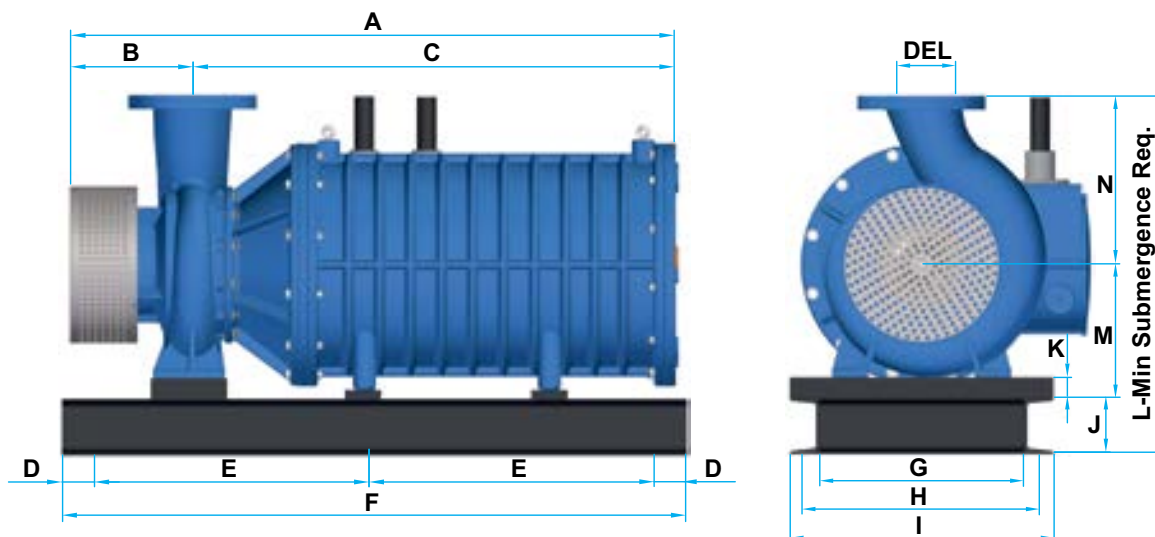
Tough Pumps HD Series Dewatering

Cross Section • HHDC120S6M



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
03	MOTOR BODY	C.I. IS-210, FG260
04	ROTOR SHAFT	S.S.4 31
05	ROTOR	ALU.DYE CAST
06	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
07	MECH. SEAL (UPPER)	CR / S.S.
08	MECH. SEAL (LOWER)	SIC / SIC
09	VOLUTE	C.I. IS-210, FG260
10	IMPELLER	S.S. 304
11	MOISTURE / SEAL LEAKAGE SENSOR (PSLD)	ALU. PROBE
12	BASE FRMAE	M.S.
13	THARMISTOR SENSOR (WTD)	GHANACON
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

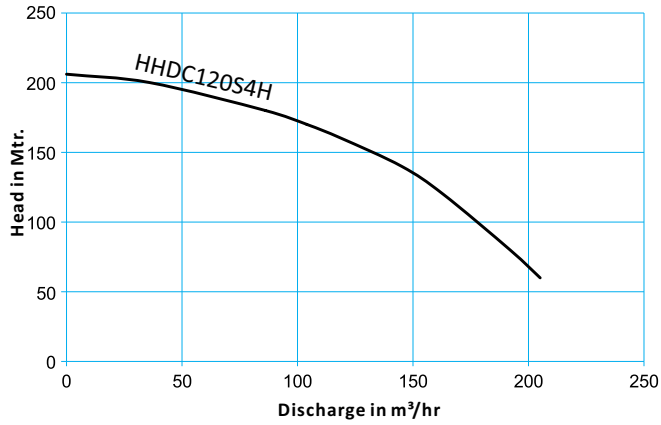
GA Drawing • HHDC120S6M



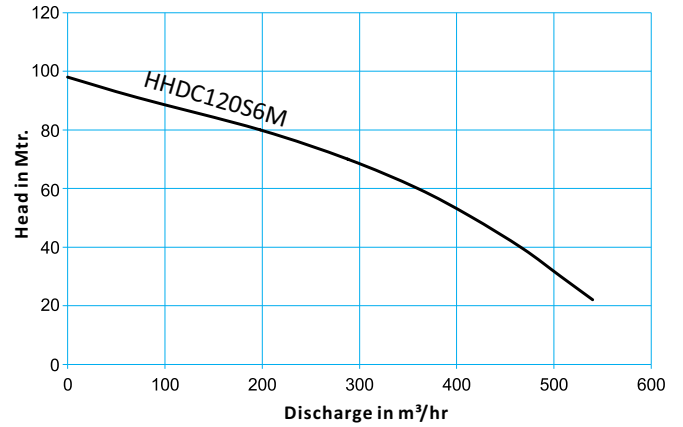
All Dimension are in mm

MODEL	HP	DEL.	SUC.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
HHDC120S6M	120	150	200	1363	274	1089	20	680	1400	460	540	590	125	45	805	254	278	1030	59x32x29	1210

Performance Curves • 1450 / 1750 RPM



Performance Curves • 1450 / 1750 RPM





*Versatile, really robust
and definitely mobile*

One technology endless applications

Flow rate upto 150 m³/hr

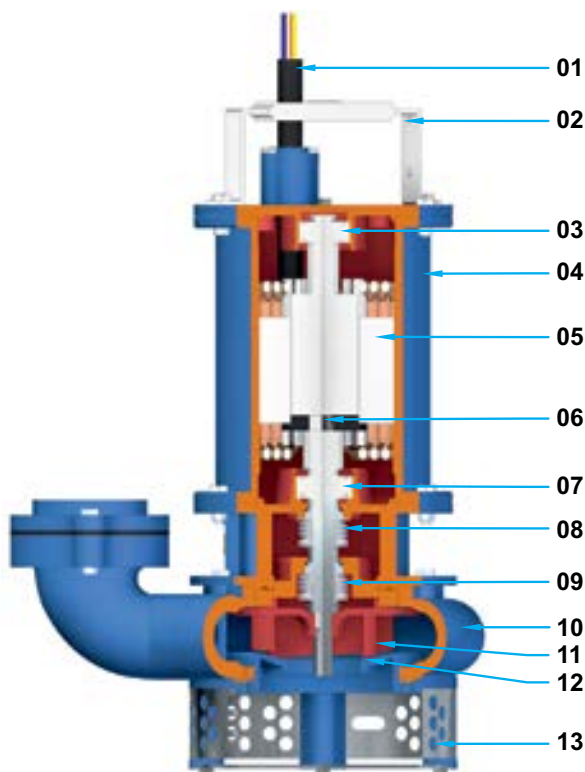
- Used for sewage as well as drainage
- 35 mm solids handling capacity
- Highly customisable in terms MOC and controls
- Light weight and anti corrosive option available



Portable Submersible Dewatering Pumps

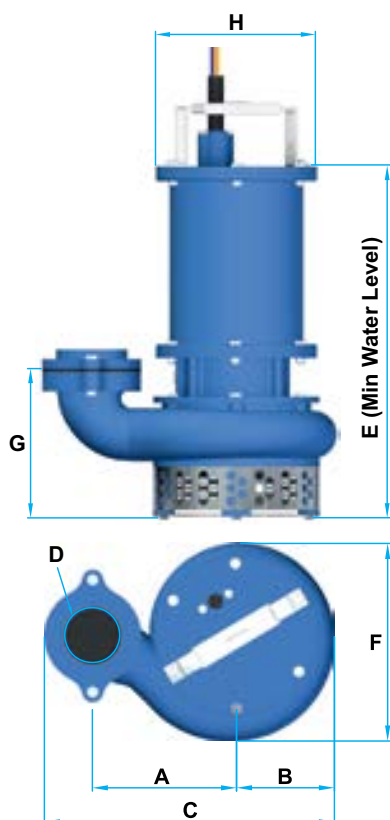
PST Series

Cross Section • Top Delivery



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	ALLOY STEEL
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	STATOR BODY	C.I. IS-210, FG260
05	ROTOR	ALU. DYE-CAST
06	ROTOR SHAFT	S.S. 410
07	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
08	MECH. SEAL (UPPER)	TC / TC
09	MECH. SEAL (LOWER)	TC / TC
10	VOLUTE	C.I. IS-210, FG260
11	IMPELLER	C.I. / S.S.
12	SPIRAL PLATE	C.I. IS-210, FG260
13	STRAINER WITH STAND	S.S. / C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Top Delivery



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	H	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSF0.5L	497	124	85	247	50	405	169	110	149	24	23x13x19	55
PSSF1.0L	556	150	104	306	75	470	209	135	149	28	25x15x21	68
PSSF1.5L	556	150	104	306	75	470	209	135	149	30	25x15x21	70
PSSF2.0L	556	150	104	306	75	471	209	135	170	36	25x15x21	76
PST0.5L	497	124	85	247	50	405	169	110	149	24	23x13x19	55
PST1.0L	556	150	104	306	75	470	209	135	149	28	25x15x21	68
PST1.5L	556	150	104	306	75	470	209	135	149	30	25x15x21	68
PST2.0L	556	150	104	306	75	446	209	135	170	36	24x15x21	74
PST3.0L	556	150	104	306	75	522	209	135	185	48	27x15x21	88
PST5.0M	580	160	118	330	75	535	235	140	212	54	28x16x22	98
PST7.5M	686	210	141	436	100	560	270	150	247	86	29x17x26	137
PST7.5H	686	210	141	436	100	590	270	178	247	88	30x17x26	139
PST7.5 HH	686	210	141	436	100	590	270	178	247	88	30x17x26	139
PST10M	686	210	141	436	100	609	270	150	247	95	31x17x26	149
PST10H	686	210	141	436	100	640	270	178	247	98	32x17x26	152
PST10 HH	686	210	141	436	100	640	270	178	247	98	32x17x26	152

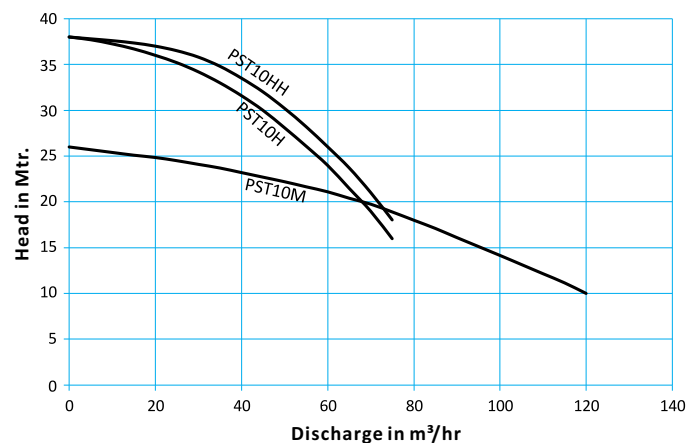
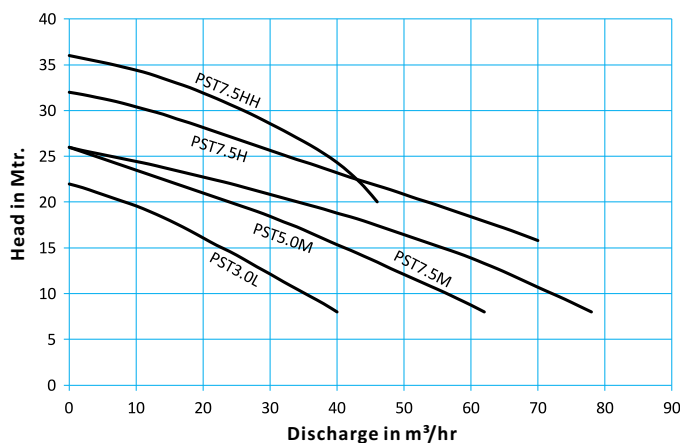
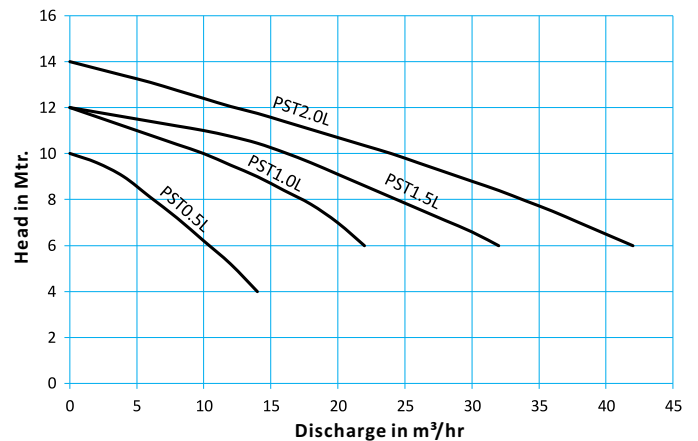
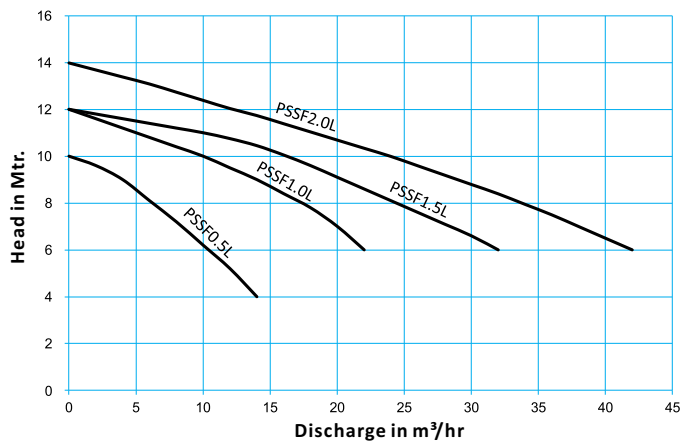
Portable Submersible Dewatering Pumps

PST Series with CI Construction

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																		
						2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
1	PSSF0.5L	0.5/0.37	1	50	DISCHARGE IN m ³ /hr		13	11	7															
2	PSSF1.0L	1.0/0.75	1	50				22	17	10														
3	PSSF1.5L	1.5/1.2	1	50				33	25	15														
4	PSSF2.0L	2.0/1.5	1	80				41	34	25	12													
5	PST0.5L	0.5/0.37	3	50			13	11	7															
6	PST1.0L	1.0/0.75	3	50				22	17	10														
7	PST1.5L	1.5/1.2	3	50				33	25	15														
8	PST2.0L	2.0/1.5	3	80				41	34	25	12													
9	PST3.0L	3.0/2.2	3	80					39	35	30	24	19	13	7									
10	PST5.0M	5.0/3.7	3	80					61	56	50	44	38	32	25	17	8							
11	PST7.5M	7.5/5.5	3	100					78	72	66	59	52	44	35	25	13							
12	PST7.5H	7.5/5.5	3	100									70	62	54	45	37	28	20	12				
13	PST7.5HH	7.5/5.5	3	100											47	44	40	35	31	26	20	13		
14	PST10M	10.0/7.5	3	100						118	110	101	91	80	68	53	31							
15	PST10H	10.0/7.5	3	100									75	71	67	63	59	55	50	44	38	30	20	
16	PST10HH	10.0/7.5	3	100										75	72	68	65	61	56	51	46	40	32	

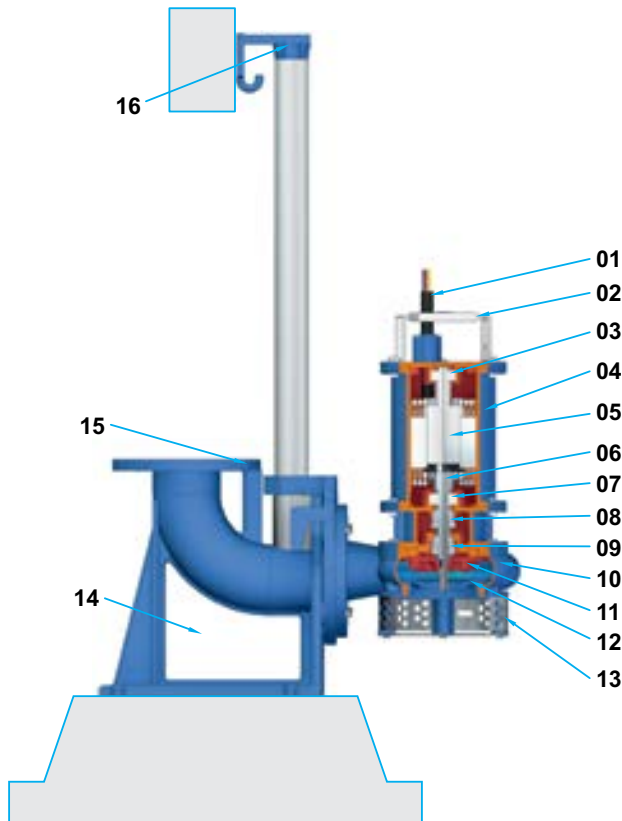
Performance Curves • 2900 / 3500 RPM



Portable Submersible Dewatering Pumps

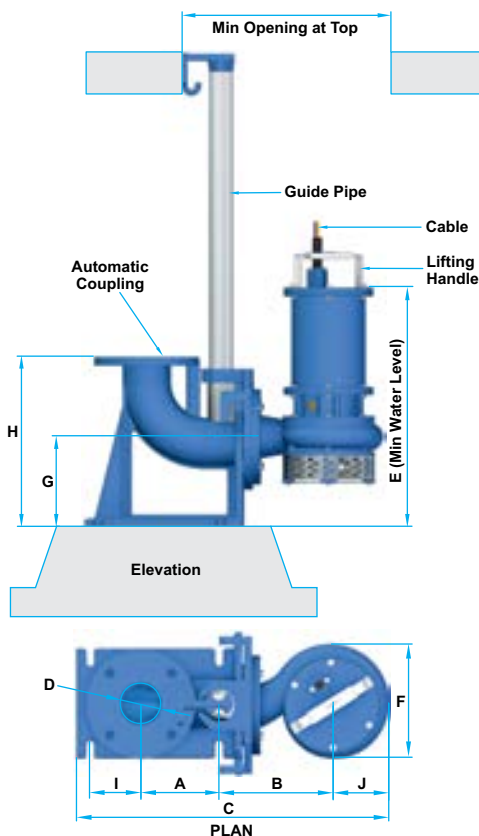
PSTSD Series

Cross Section • Auto Coupling



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	ALLOY STEEL
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	STATOR BODY	C.I. IS-210, FG260
05	ROTOR	ALU. DYE-CAST
06	ROTOR SHAFT	S.S. 410
07	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
08	MECH. SEAL (UPPER)	TC / TC
09	MECH. SEAL (LOWER)	TC / TC
10	VOLUTE	C.I. IS-210, FG260
11	IMPELLER	C.I. / S.S.
12	SPIRAL PLATE	C.I. IS-210, FG260
13	STRAINER WITH STAND	S.S. / C.I. IS-210, FG260
14	AUTO COUPLING	C.I. IS-210, FG260
15	GUIDE PIPE HOLDER	C.I.
16	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Auto Coupling

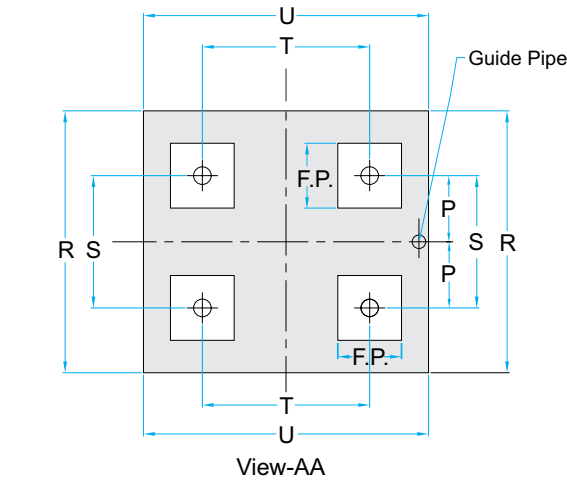


All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	H	I	J	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PST0.5L-SD	740	135	188	490	50	451	169	120	256	56	85	24	23x13x18	54
PST1.0L-SD	824	147	205	574	80	537	209	161	323	92	104	28	25x15x20	67
PST1.5L-SD	824	147	205	574	80	537	209	161	323	92	104	30	25x15x20	67
PST2.0L-SD	824	147	205	574	80	513	209	161	323	92	104	36	25x15x20	73
PST3.0L-SD	824	147	205	574	80	591	209	161	323	92	104	48	27x15x20	87
PST5.0M-SD	838	147	205	588	80	601	235	161	323	92	118	54	28x16x21	97
PST7.5M-SD	891	156	234	641	100	616	270	150	325	83	141	86	29x17x22	131
PST7.5H-SD	891	156	234	641	100	616	270	150	325	83	141	88	30x17x22	133
PST7.5 HH-SD	891	156	234	641	100	615	270	150	325	83	141	88	30x17x22	133
PST10M-SD	891	156	234	641	100	665	270	150	325	83	141	95	31x17x22	143
PST10H-SD	891	156	234	641	100	665	270	150	325	83	141	98	32x17x22	146
PST10 HH-SD	891	156	234	641	100	665	270	150	325	83	141	98	32x17x22	146

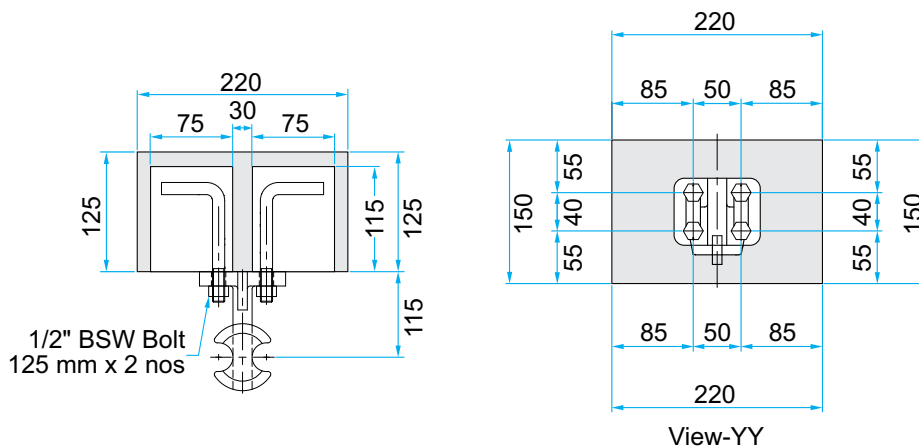
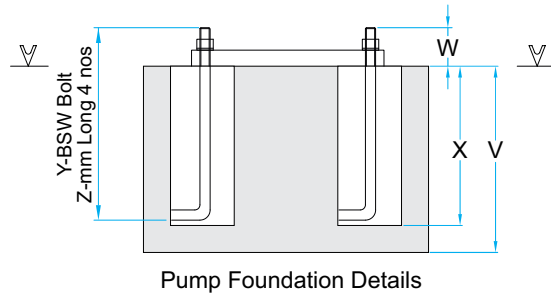
PSTSD Series

Foundation Details for Auto Coupling



All Dimension are in mm

Auto Coupling Size	P	R	S	T	U	V	W	X	Y	Z	F.P.
2 x 2	72.5	345	145	187	390	200	35	135	3/8"	150	80
3 x 3	75	350	150	235	435	200	35	135	3/8"	150	80
4 x 4	85	370	170	225	425	250	45	175	1/2"	200	80



Flange Details

All Dimension are in mm

FOR DELIVERY SIZE	PIPE SIZE	O.D. OF FLANGE	P.C.D. OF BOLT	NO. OF BOLT HOLE	DIA. OF HOLE
2"	50	165	125	4	M16
3"	80	200	160	4	M16
4"	100	220	180	8	M16

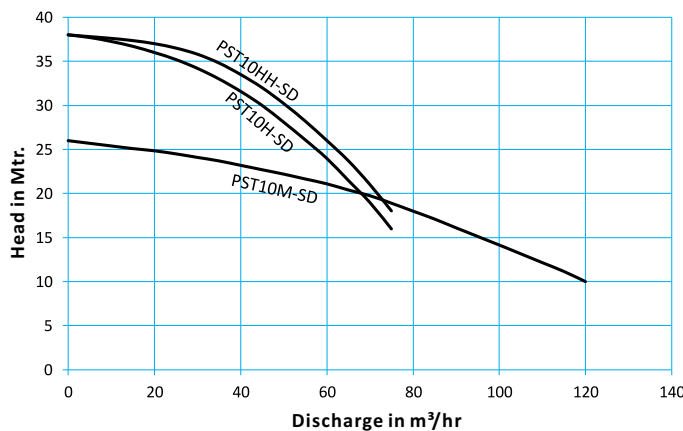
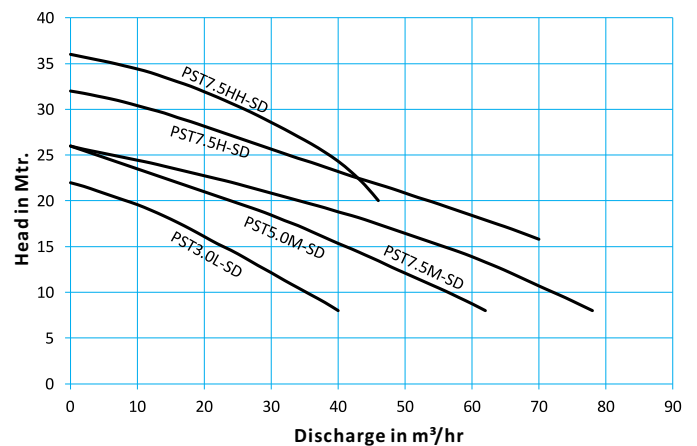
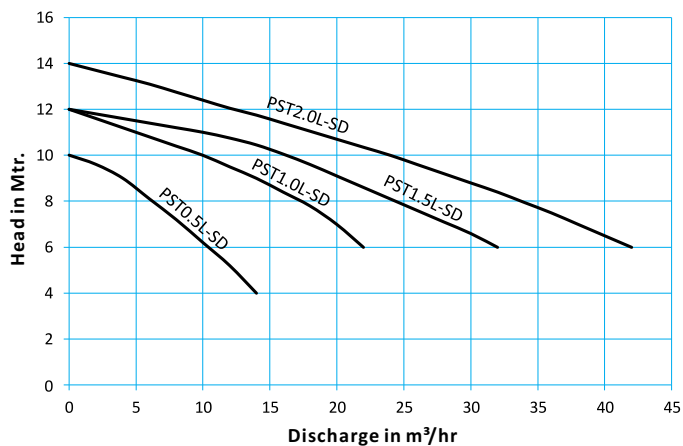
Portable Submersible Dewatering Pumps

PSTSD Series with Auto Coupling

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																	
						2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
1	PST0.5L-SD	0.5/0.25	3	50	DISCHARGE IN m ³ /hr		13	11	7														
2	PST1.0L-SD	1.0/0.75	3	50				22	17	10													
3	PST1.5L-SD	1.5/1.2	3	50				33	25	15													
4	PST2.0L-SD	2.0/1.5	3	80				41	34	25	12												
5	PST3.0L-SD	3.0/2.2	3	80					39	35	30	24	19	13	7								
6	PST5.0M-SD	5.0/3.7	3	80					61	56	50	44	38	32	25	17	8						
7	PST7.5M-SD	7.5/5.5	3	100					78	72	66	59	52	44	35	25	13						
8	PST7.5H-SD	7.5/5.5	3	100									70	62	54	45	37	28	20	12			
9	PST7.5HH-SD	7.5/5.5	3	100											47	44	40	35	31	26	20	13	
10	PST10M-SD	10.0/7.5	3	100						118	110	101	91	80	68	53	31						
11	PST10H-SD	10.0/7.5	3	100									75	71	67	63	59	55	50	44	38	30	20
12	PST10HH-SD	10.0/7.5	3	100										75	72	68	65	61	56	51	46	40	32

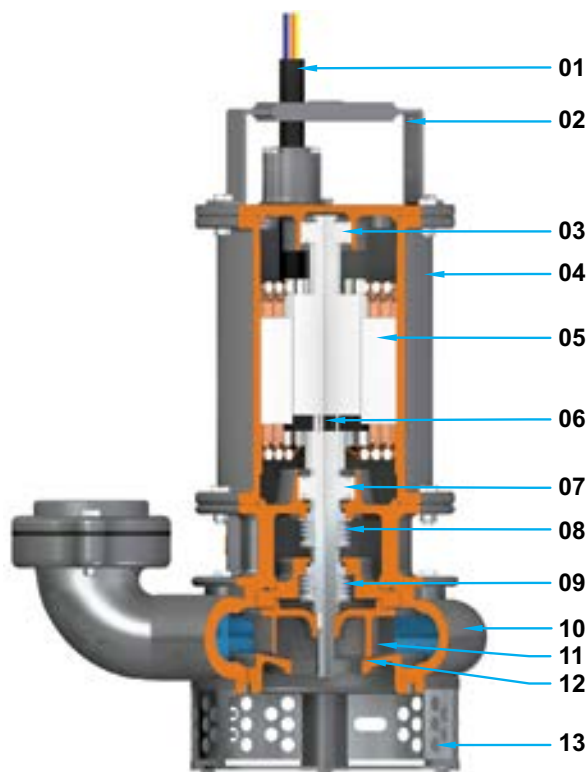
Performance Curves • 2900 / 3500 RPM



Portable Submersible Dewatering Pumps

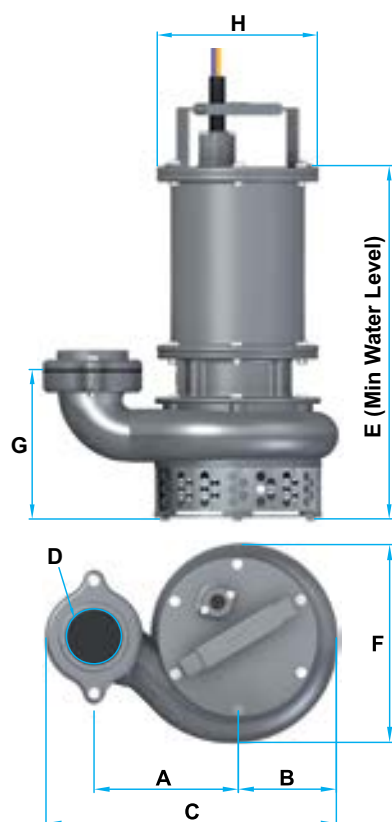
PSTAL Series

Cross Section • Top Delivery



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	ALLOY STEEL
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	STATOR BODY	ALUMINIUM
05	ROTOR	ALU. DYE-CAST
06	ROTOR SHAFT	S.S. 410
07	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
08	MECH. SEAL (UPPER)	TC / TC
09	MECH. SEAL (LOWER)	TC / TC
10	VOLUTE	ALUMINIUM
11	IMPELLER	C.I. / S.S.
12	SPIRAL PLATE	C.I. IS-210, FG260
13	STRAINER WITH STAND	S.S. / C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Top Delivery



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	H	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTAL1.0L	556	150	104	306	75	470	209	135	149	16	25x15x21	20
PSTAL1.5L	556	150	104	306	75	470	209	135	149	16	25x15x21	20
PSTAL2.0L	556	150	104	306	75	446	209	135	170	18	24x15x21	22
PSTAL3.0L	556	150	104	306	75	522	209	135	185	22	27x15x21	27
PSTAL5.0M	580	160	118	330	75	535	235	140	212	30	28x16x22	35
PSTAL7.5M	686	210	141	436	100	560	270	150	247	43	29x17x26	94
PSTAL7.5H	686	210	141	436	100	590	270	178	247	43	30x17x26	94
PSTAL7.5 HH	686	210	141	436	100	590	270	178	247	43	30x17x26	94
PSTAL10M	686	210	141	436	100	609	270	150	247	50	31x17x26	104
PSTAL10H	686	210	141	436	100	640	270	178	247	50	32x17x26	104
PSTAL10 HH	686	210	141	436	100	640	270	178	247	50	32x17x26	104

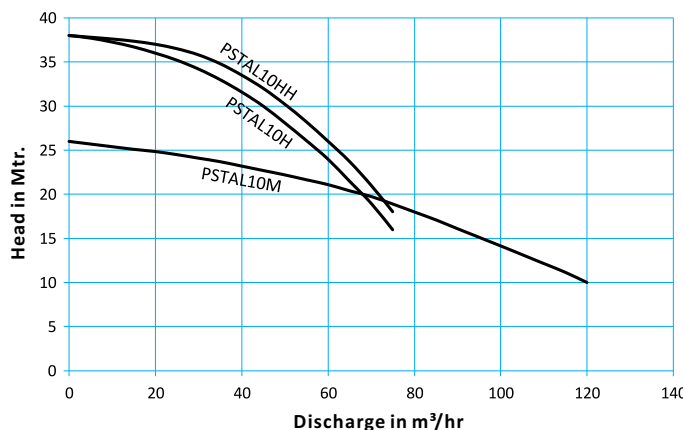
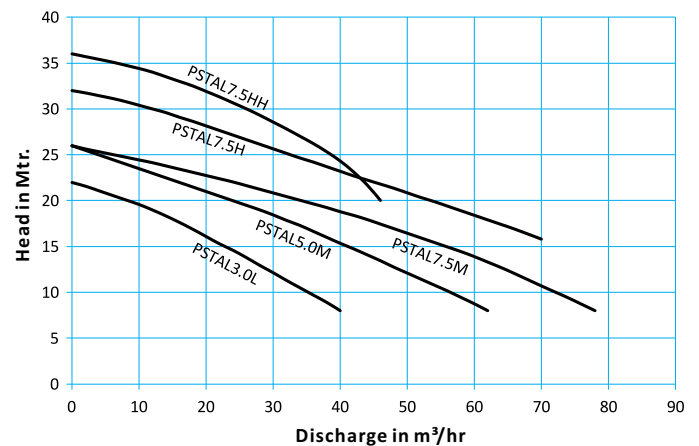
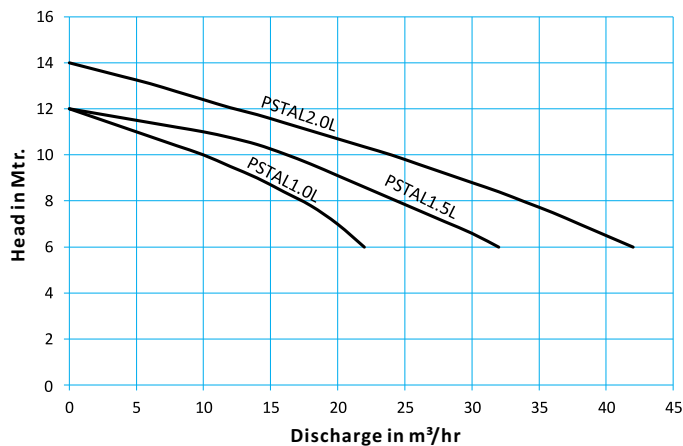
Portable Submersible Dewatering Pumps

PSTAL Series with Aluminium Construction

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																	
						2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
1	PSTAL1.0L	1.0/0.75	3	50	DISCHARGE IN m³/hr			22	17	10													
2	PSTAL1.5L	1.5/1.2	3	50				33	25	15													
3	PSTAL2.0L	2.0/1.5	3	80				41	34	25	12												
4	PSTAL3.0L	3.0/2.2	3	80					39	35	30	24	19	13	7								
5	PSTAL5.0M	5.0/3.7	3	80					61	56	50	44	38	32	25	17	8						
6	PSTAL7.5M	7.5/5.5	3	100					78	72	66	59	52	44	35	25	13						
7	PSTAL7.5H	7.5/5.5	3	100									70	62	54	45	37	28	20	12			
8	PSTAL7.5HH	7.5/5.5	3	100											47	44	40	35	31	26	20	13	
9	PSTAL10M	10.0/7.5	3	100						118	110	101	91	80	68	53	31						
10	PSTAL10H	10.0/7.5	3	100									75	71	67	63	59	55	50	44	38	30	20
11	PSTAL10HH	10.0/7.5	3	100										75	72	68	65	61	56	51	46	40	32

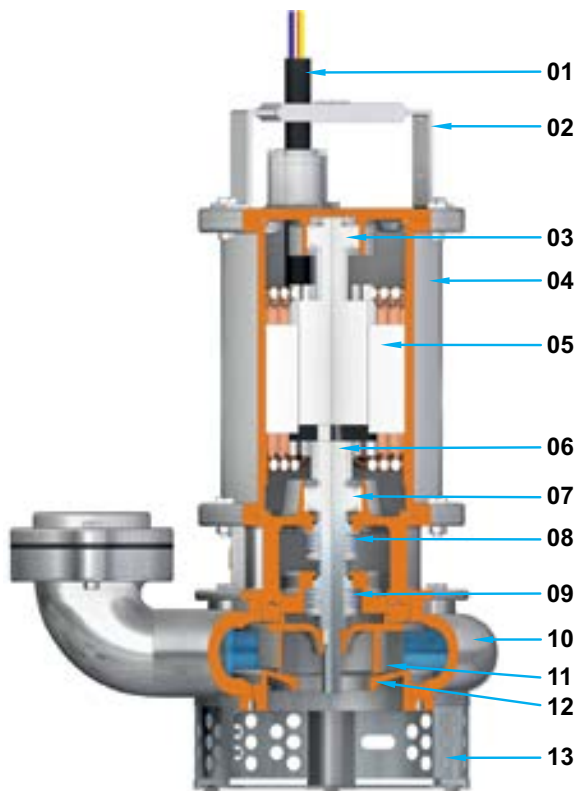
Performance Curves • 2900 / 3500 RPM



Portable Submersible Dewatering Pumps

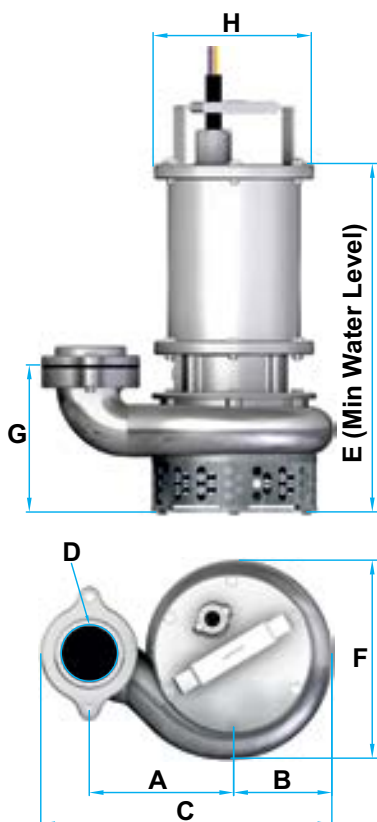
SSPST Series

Cross Section • Top Delivery



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	ALLOY STEEL
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	STATOR BODY	S.S. 304 / S.S. 316
05	ROTOR	ALU. DYE-CAST
06	ROTOR SHAFT	S.S. 410
07	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
08	MECH. SEAL (UPPER)	TC / TC
09	MECH. SEAL (LOWER)	TC / TC
10	VOLUTE	S.S. 304 / S.S. 316
11	IMPELLER	S.S. 304 / S.S. 316
12	SPIRAL PLATE	S.S. 304 / S.S. 316
13	STRAINER WITH STAND	S.S. 304 / S.S. 316
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Top Delivery



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	H	PUMP WEIGHT in Kg.	BOX SIZE LxBxH	TOTAL WEIGHT in Kg.
SSPST-2.0L	556	150	104	306	75	446	209	135	170	36	24x15x21	74
SSPST-3.0L	556	150	104	306	75	522	209	135	185	48	27x15x21	88
SSPST-5.0M	580	160	118	330	75	535	235	140	212	54	28x16x22	98
SSPST-7.5M	686	210	141	436	100	560	270	150	247	86	29x17x26	137
SSPST-10M	686	210	141	436	100	609	270	150	247	95	31x17x26	149

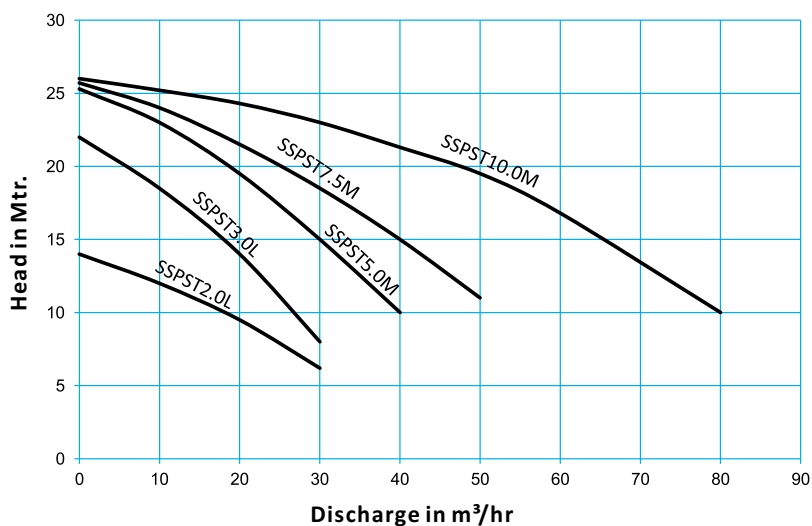
Portable Submersible Dewatering Pumps

SSPST Series with SS 304 & SS 316 Construction

Performance Chart • 2900 / 3500 RPM

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS											
						2	4	6	8	10	12	14	16	18	20	22	24
1	SSPST2.0L	2.0 / 1.5	3	80	DISCHARGE IN m³/hr			29	24	18	8						
2	SSPST3.0L	3.0 / 2.2	3	80					28	24	21	17	13	9	5		
3	SSPST5.0M	5.0 / 3.7	3	80					42	39	35	31	27	22	17	12	6
4	SSPST7.5M	7.5 / 5.5	3	100					55	51	46	41	36	31	24	17	9
5	SSPST10.0M	10.0 / 7.5	3	100						83	77	71	64	56	47	37	22

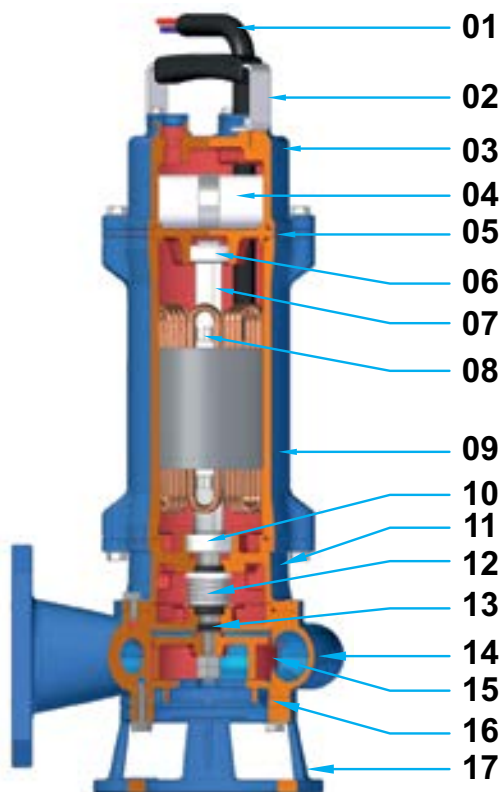
Performance Curves • 2900 / 3500 RPM



Portable Submersible Dewatering Pumps

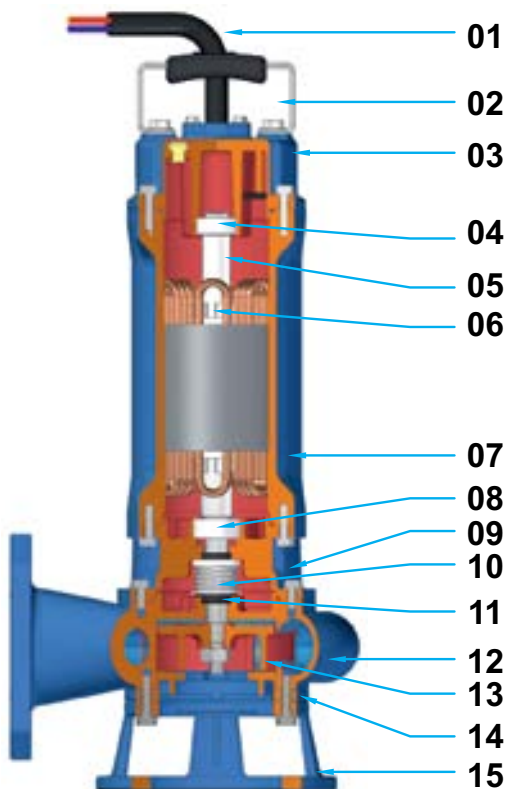
PSC Series

Cross Section • Single Phase



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	CAPACITOR	REPUTED MAKE
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S. 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
10	BEARING	FAG. (GREASE LUB.)
11	OIL CHAMBER	CI IS-210, FG260
12	MECHANICAL SEAL	CA/CE & SIC/SIC
13	OIL SEAL	NITRILE RUBBER
14	VOLUTE	CI IS-210, FG260
15	IMPELLER	CI IS-210, FG260
16	SPIRAL PLATE	CI IS-210, FG260
17	STAND	CI IS-210, FG260
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

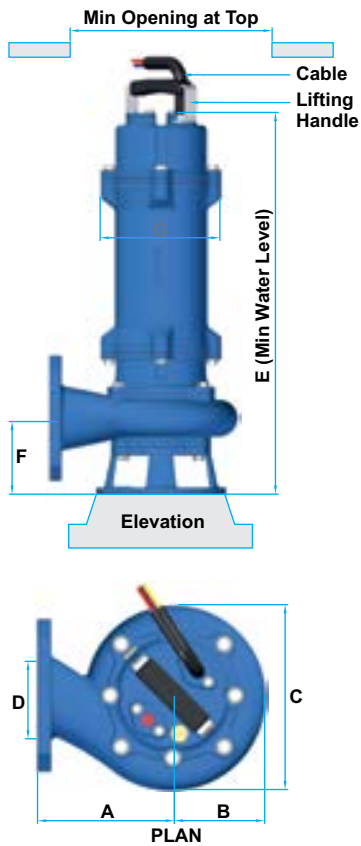
Cross Section • Three Phase



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	BEARING	FAG. (GREASE LUB.)
05	ROTOR SHAFT	S.S. 410
06	ROTOR	ALU. DYE-CAST
07	MOTOR BODY	CI IS-210, FG260
08	BEARING	FAG. (GREASE LUB.)
09	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	VOLUTE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	SPIRAL PLATE	CI IS-210, FG260
15	STAND	CI IS-210, FG260
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

PSC Series

GA Drawing



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSCF0.5L	545	145	100	200	75	470	102	157	Details available on request		
PSSC0.5L	545	145	100	200	75	470	102	157	Details available on request		
PSSCF1.0L	545	145	100	200	75	505	102	157	Details available on request		
PSSC1.0L	545	145	100	200	75	505	102	157	Details available on request		
PSTC1.0L	545	145	100	200	75	474	102	157	Details available on request		
PSSCF2.0L	545	145	100	205	75	500	114	182	Details available on request		
PSSC2.0L	545	145	100	205	75	500	114	182	Details available on request		
PSTC2.0L	545	145	100	205	75	470	114	182	Details available on request		
PSTC3.0L	545	145	100	205	75	470	114	190	Details available on request		
PSTC5.0M	615	168	147	290	65	585	129	215	Details available on request		



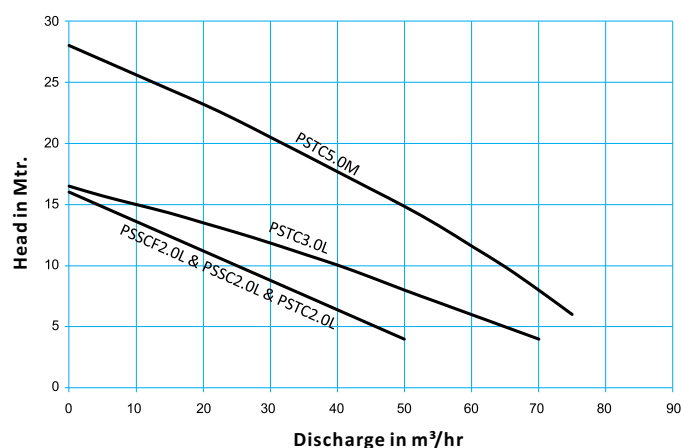
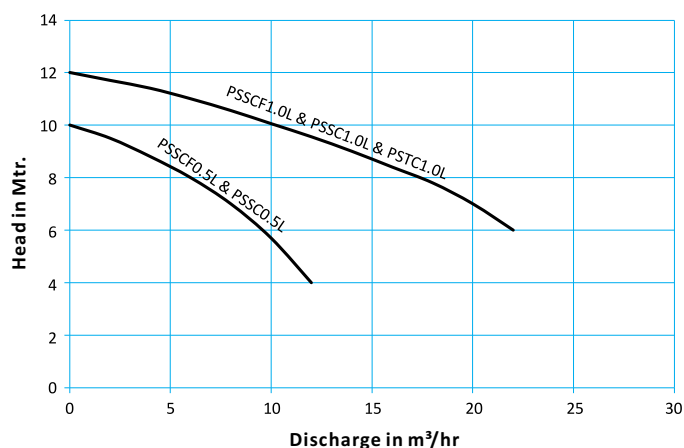
Portable Submersible Dewatering Pumps

PSC Series

Performance Chart • 2850 RPM (CI Impeller with Tungsten Tip)

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS											
						2	4	6	8	10	12	14	16	18	20	22	24
1	PSSCF0.5L	0.5 / 0.37	1	50	DISCHARGE IN m ³ /hr		13	11	7								
2	PSSC0.5L	0.5 / 0.37	1	50			13	11	7								
3	PSSCF1.0L	1.0 / 0.75	1	50				22	17	10							
4	PSSC1.0L	1.0 / 0.75	1	50				22	17	10							
5	PSTC1.0L	1.0 / 0.75	3	50				22	17	10							
6	PSSCF2.0L	2.0 / 1.5	1	80			51	42	33	25	18	6					
7	PSSC2.0L	2.0 / 1.5	1	80			51	42	33	25	18	6					
8	PSTC2.0L	2.0 / 1.5	3	80			51	42	33	25	18	6					
9	PSTC3.0L	3.0 / 2.2	3	80			72	52	48	40	30	22					
10	PSTC5.0M	5.0 / 3.7	3	80				76	72	66	60	54	48	42	33	24	15

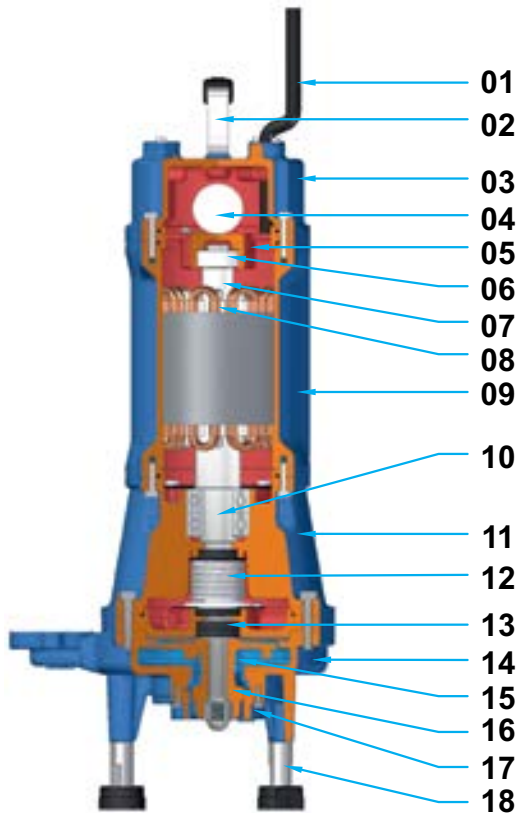
Performance Curves



Portable Submersible Dewatering Pumps

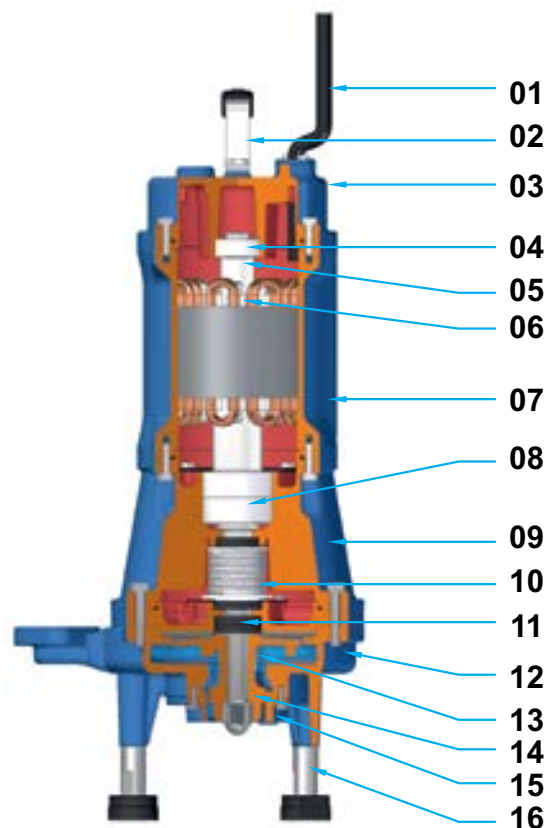
PSGF Series

Cross Section • 1-2 HP Single Phase



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	CAPACITOR	-
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING (6304)	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
10	BEARING (6307)	FAG. (GREASE LUB.)
11	OIL CHAMBER	CI IS-210, FG260
12	MECHANICAL SEAL	CA/CE & SIC/SIC
13	OIL SEAL	NITRILE RUBBER
14	VOLUTE	CI IS-210, FG260
15	IMPELLER	CI IS-210, FG260
16	RADIAL CUTTER	SUS440C
17	CUTTER RING	SUS440C
18	FOOTTING LEG	S.S-304
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • 1-2 HP Three Phase

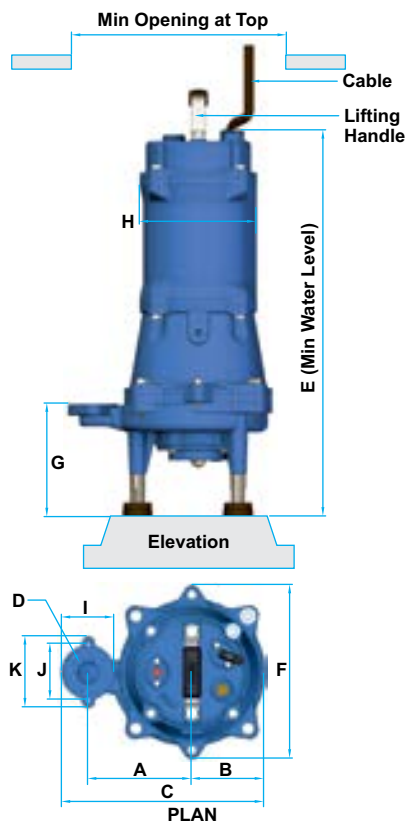


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S-304
03	TOP COVER	CI IS-210, FG260
04	BEARING (6203)	FAG. (GREASE LUB.)
05	ROTOR SHAFT	S.S 410
06	ROTOR	ALU. DYE-CAST
07	MOTOR BODY	CI IS-210, FG260
08	BEARING (6303)	FAG. (GREASE LUB.)
09	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	VOLUTE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	RADIAL CUTTER	SUS440C
15	CUTTER RING	SUS440C
16	FOOTTING LEG	S.S-304
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Portable Submersible Dewatering Pumps

PSGF Series

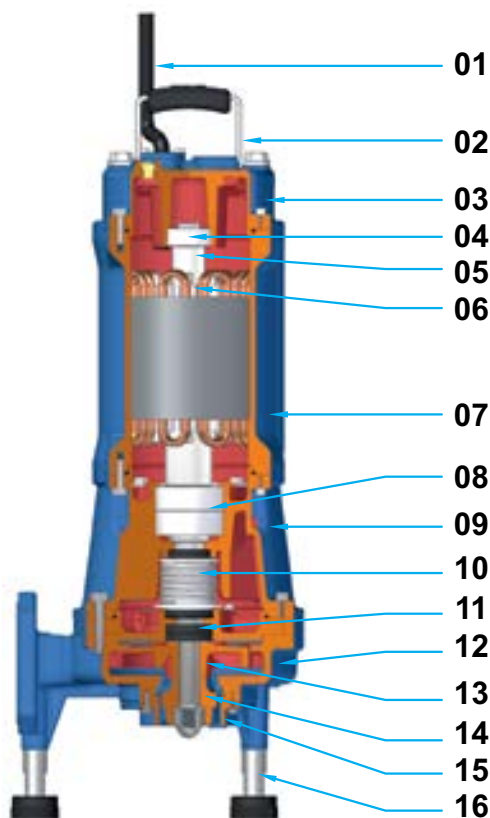
GA Drawing • 1-2 HP Single Phase



All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSGFF1.5H		Details available on request											Details available on request		
PSSGF1.5H		Details available on request											Details available on request		
PSTGF1.5H		Details available on request											Details available on request		
PSSGFF2.0H	590	147	103	288	32	595	245	158	190	75	79	100	Details available on request		
PSSGF2.0H	590	147	103	288	32	595	245	158	190	75	79	100	Details available on request		
PSTGF2.0H	590	147	103	288	32	540	245	158	190	75	79	100	Details available on request		

Cross Section • 3-5 HP Grinder Cross Three Phase

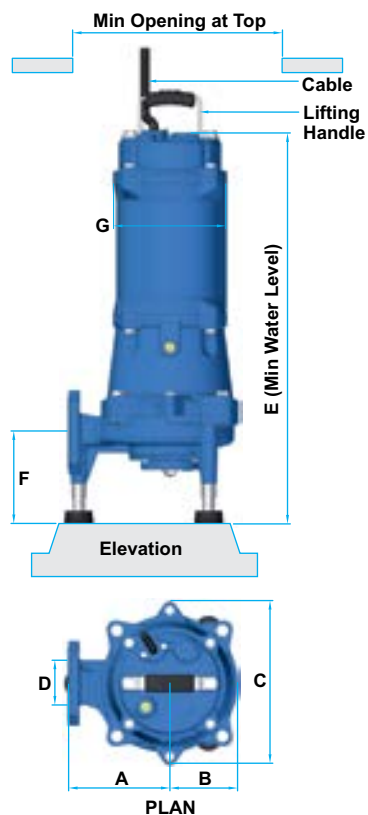


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	BEARING	FAG. (GREASE LUB.)
05	ROTOR SHAFT	S.S 410
06	ROTOR	ALU. DYE-CAST
07	MOTOR BODY	CI IS-210, FG260
08	BEARING	FAG. (GREASE LUB.)
09	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	VOLUTE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	RADIAL CUTTER	CI IS-210, FG260
15	CUTTER RING	CI IS-210, FG260
16	FOOTTING LEG	S.S-304
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Portable Submersible Dewatering Pumps

PSGF Series

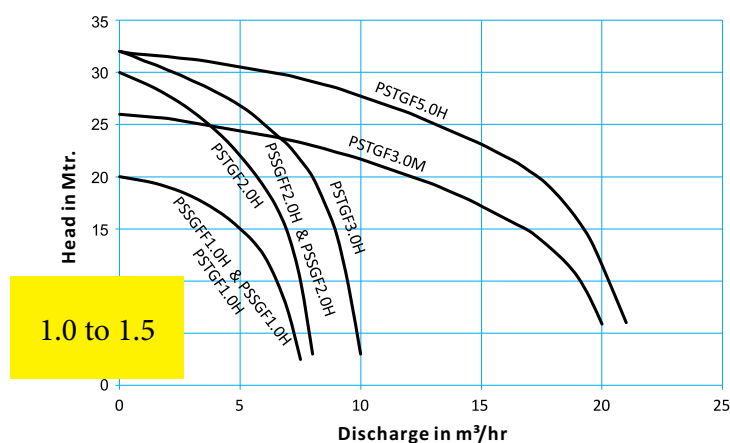
GA Drawing • 3-5 HP Three Phase



All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTGF3.0M	545	147	98	235	38	566	134	190	Details available on request		
PSTGF5.0H	570	158	110	260	50	605	135	215	Details available on request		

Performance Curves



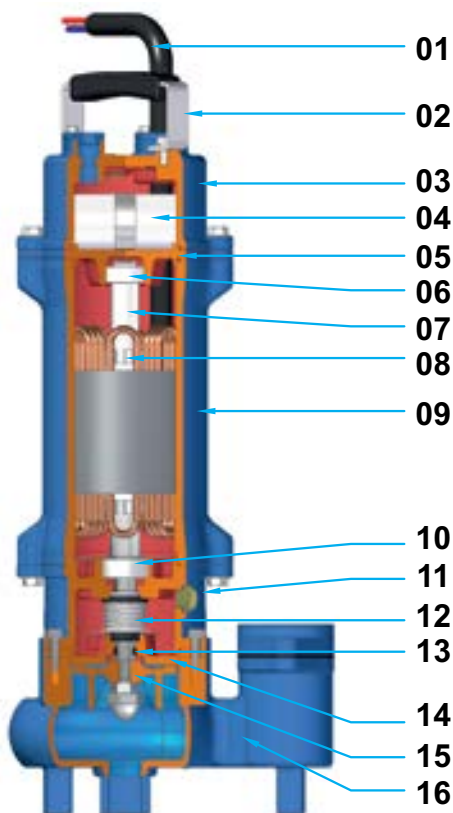
Performance Chart • 2850 RPM

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS														
						2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
1	PSSGFF1.5H	1.5 / 1.1	1	32	DISCHARGE IN m ³ /hr	7.5	7.3	7.0	6.8	6.5	6.0	5.5	4.0	3.0						
2	PSSGF1.5H	1.5 / 1.1	1	32		7.5	7.3	7.0	6.8	6.5	6.0	5.5	4.0	3.0						
3	PSTGF1.5H	1.5 / 1.1	3	32		7.5	7.3	7.0	6.8	6.5	6.0	5.5	4.0	3.0						
4	PSSGFF2.0H	2.0 / 1.5	1	32		8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.0	6.5	6.2	5.8	4.8	3.5	2.0	
5	PSSGF2.0H	2.0 / 1.5	1	32		8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.0	6.5	6.2	5.8	4.8	3.5	2.0	
6	PSTGF2.0H	2.0 / 1.5	3	32		8.0	7.8	7.7	7.6	7.5	7.4	7.3	7.0	6.5	6.2	5.8	4.8	3.5	2.0	
7	PSTGF3.0M	3.0 / 2.2	3	50		20.0	19.8	19.6	19.4	19.0	18.5	18.0	16.0	14.5	12.0	9.5	6.0			
8	PSTGF3.0H	3.0 / 2.2	3	32		10.0	9.8	9.7	9.6	9.5	9.4	9.3	9.0	8.5	8.0	7.5	6.7	5.5	4.0	2.0
9	PSTGF5.0H	5.0 / 3.7	3	50		20.0	19.9	19.7	19.6	19.5	19.3	19.2	19.0	18.5	18.0	17.0	15.0	13.0	10.0	6.0

Portable Submersible Dewatering Pumps

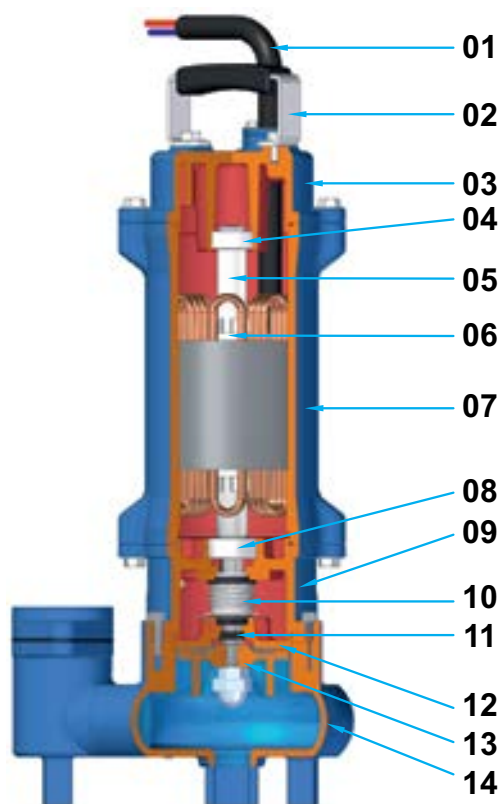
PSNCV Series

Cross Section • Single Phase



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	CAPACITOR	REPUTED MAKE
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING (6203)	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
10	BEARING (6303)	FAG. (GREASE LUB.)
11	OIL CHAMBER	CI IS-210, FG260
12	MECHANICAL SEAL	CA/CE & SIC/SIC
13	OIL SEAL	NITRILE RUBBER
14	SEAL PLATE	CI IS-210, FG260
15	IMPELLER	CI IS-210, FG260
16	VOLUTE	CI IS-210, FG260
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • Three Phase

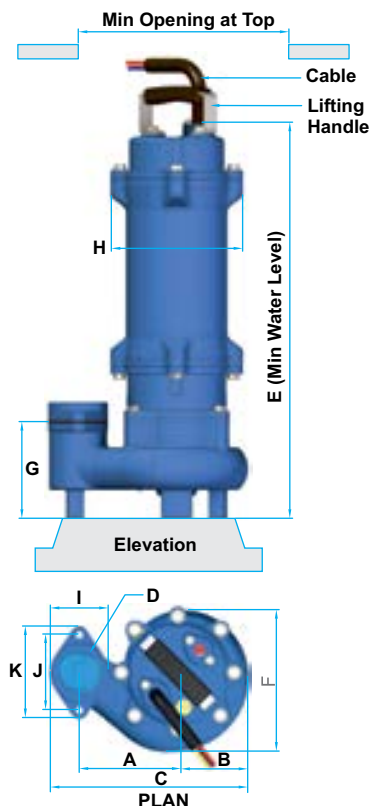


NO.	DESCRIPTION	MATERIAL
1	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
2	LIFTING HANDLE	S.S.
3	TOP COVER	CI IS-210, FG260
4	BEARING (6203)	FAG. (GREASE LUB.)
5	ROTOR SHAFT	S.S 410
6	ROTOR	ALU. DYE-CAST
7	MOTOR BODY	CI IS-210, FG260
8	BEARING (6303)	FAG. (GREASE LUB.)
9	OIL CHAMBER	CI IS-210, FG260
10	MECHANICAL SEAL	CA/CE & SIC/SIC
11	OIL SEAL	NITRILE RUBBER
12	SEAL PLATE	CI IS-210, FG260
13	IMPELLER	CI IS-210, FG260
14	VOLUTE	CI IS-210, FG260
#	FASTENER	S.S. 304 / S.S. 316
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Portable Submersible Dewatering Pumps

PSNCV Series

GA Drawing • Single & Three Phase



All Dimension are in mm

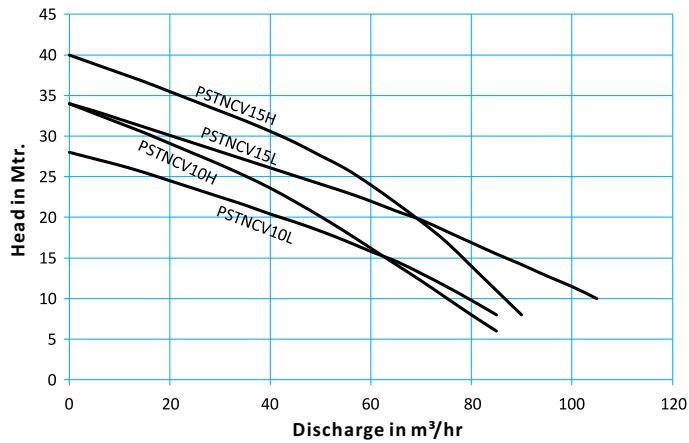
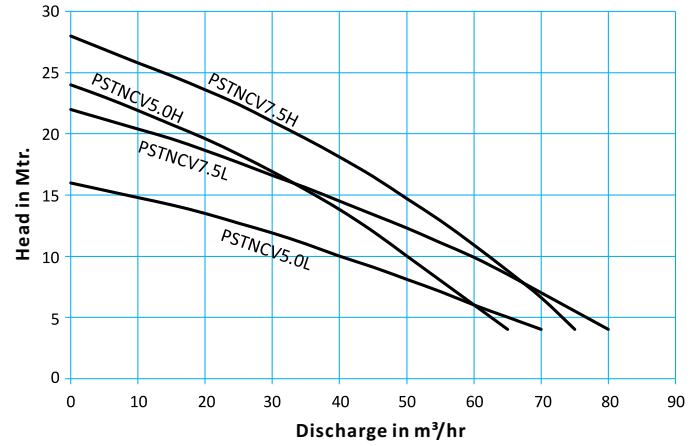
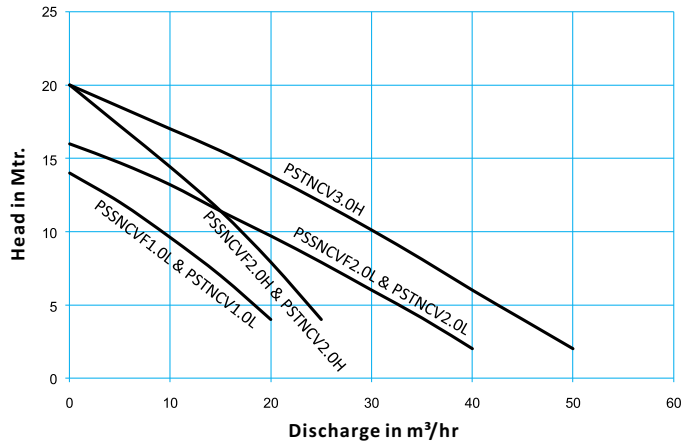
MODEL	MIN. OPE-NING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSNCVF1.0L	540	118	85	240	50	500	175	115	157	70	90	110	Details available on request		
PSTNCV1.0L	540	118	85	240	50	500	175	115	157	70	90	110	Details available on request		
PSSNCVF2.0H													Details available on request		
PSTNCV2.0H													Details available on request		
PSSNCVF2.0L													Details available on request		
PSTNCV2.0L													Details available on request		
PSTNCV3.0H													Details available on request		
PSTNCV5.0H													Details available on request		
PSTNCV5.0L													Details available on request		
PSTNCV7.5H													Details available on request		
PSTNCV7.5L													Details available on request		
PSTNCV10H													Details available on request		
PSTNCV10L													Details available on request		
PSTNCV15H													Details available on request		
PSTNCV15L													Details available on request		

Performance Chart • 2850 RPM

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS																							
						2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38					
1	PSSNCVF1.0L	1.0 / 0.75	1	50	DISCHARGE IN m³/hr		330	280	220	150	80	0																	
2	PSTNCV1.0L	1.0 / 0.75	3	50			330	280	220	150	80	0																	
3	PSSNCVF2.0H	2.0 / 1.5	1	50			420	400	350	300	250	200	120	50	0														
4	PSTNCV2.0H	2.0 / 1.5	3	50			420	400	350	300	250	200	120	50	0														
5	PSSNCVF2.0L	2.0 / 1.5	1	80		700	600	500	420	350	230	90	0																
6	PSTNCV2.0L	2.0 / 1.5	3	80		700	600	500	420	350	230	90	0																
7	PSTNCV3.0H	3.0 / 2.2	3	80		850	780	700	600	510	410	300	190	50	0														
8	PSTNCV5.0H	5.0 / 3.7	3	80			1100	1010	930	850	780	670	550	400	280	120	0												
9	PSTNCV5.0L	5.0 / 3.7	3	80			1170	1020	880	700	500	250	0																
10	PSTNCV7.5H	7.5 / 5.5	3	80			1250	1200	1100	1050	1000	900	750	650	550	450	200	100	0										
11	PSTNCV7.5L	7.5 / 5.5	3	80			1370	1300	1100	1000	900	700	500	250	180	0													
12	PSTNCV10H	10.0 / 7.5	3	80				1400	1300	1260	1200	1100	1000	900	820	730	600	500	250	200	100	0							
13	PSTNCV10L	10.0 / 7.5	3	80					1400	1320	1270	1150	970	700	600	500	230	100	0										
14	PSTNCV15H	15.0 / 11.0	3	80					1500	1450	1420	1370	1300	1200	1180	1100	1000	900	750	700	620	400	250	100	0				
15	PSTNCV15L	15.0 / 11.0	3	80						1750	1700	1500	1400	1200	1120	1080	850	700	400	350	270	0							

PSNCV Series

Performance Curves





We took the centrifugal pump, clubbed it with our Submersible hi-tech motor and we created a product for the future. We call it the submerged centrifugal pump.

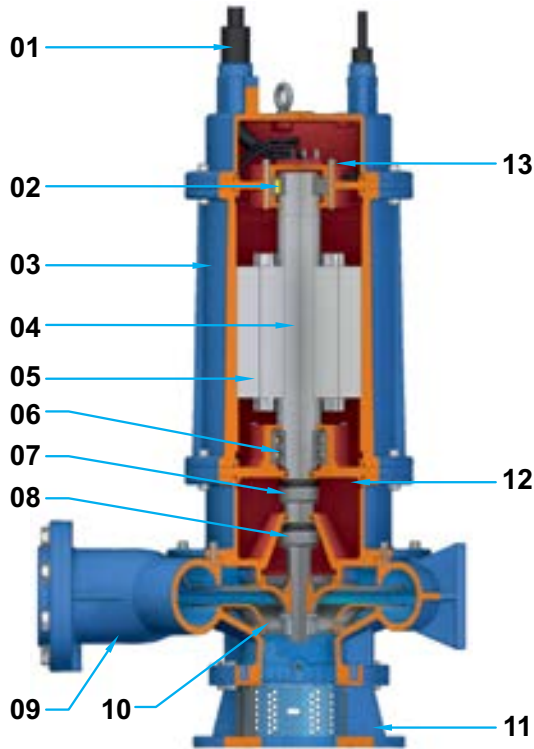
Flow rate upto 2500 m³/hr
Maximum head 110 m

With abilities to work reliably in mines, Dam galleries, Water intake wells, as well as on canals for lift irrigation, Submerge centrifugal pump has created a revolution in the pump industry.



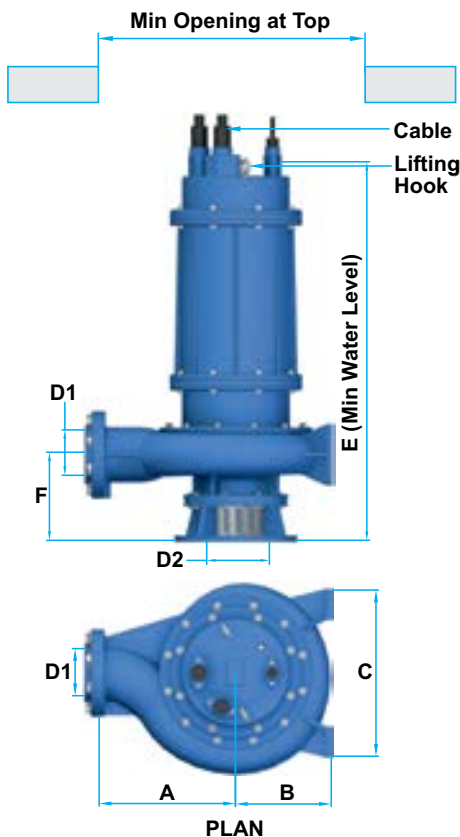
Submerged Centrifugal Pumps

Cross Section • Vertical



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

GA Drawing • Vertical

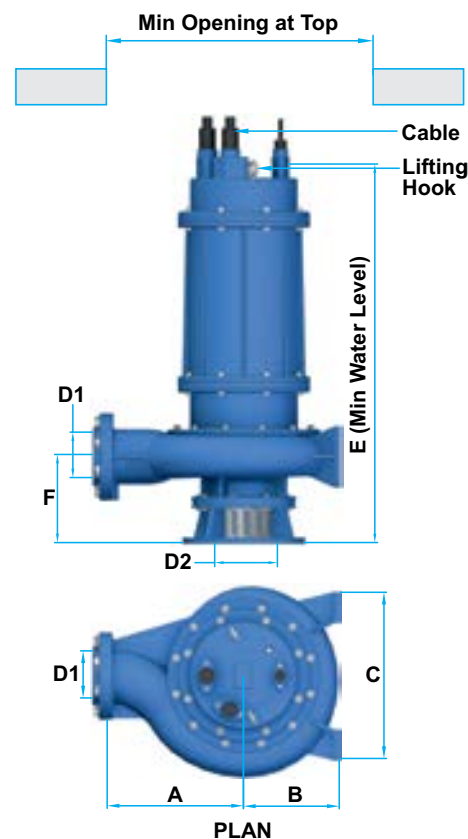


2900 / 3500 RPM

All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	C	D1	D2	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2W12.5C2.516	550	200	160	280	65	80	840	200	159	39x18x22	246
2W15C316	650	225	180	320	80	100	926	251	176	42x20x24	278
2W20C316	650	225	180	320	80	100	951	251	190	43x20x24	292
2W20C2.520	650	225	180	320	65	80	920	200	195	42x20x24	297
2W25C2.520	650	225	180	320	65	80	985	200	248	45x20x24	354
2W25C320	700	250	180	345	80	100	1048	250	262	47x21x25	382
2W30C320	700	250	180	345	80	100	1048	250	279	47x21x25	399
2W30C420	750	280	200	360	100	125	1048	250	296	47x22x27	427
2W30C2.526	700	250	200	360	65	80	993	200	309	51x22x27	444
2W40C420	750	280	200	360	100	125	1148	250	314	45x22x26	432
2W40C2.526	700	250	200	360	65	80	1093	200	320	49x22x26	448
2W40C326	750	280	200	400	80	100	1118	225	338	50x23x27	474
2W50C326	750	280	200	400	80	100	1118	225	368	50x23x27	504
2W60C426	770	280	225	400	100	125	1336	265	477	59x23x28	629
2W75C426	770	280	225	400	100	125	1376	265	500	60x23x28	652

GA Drawing • Vertical



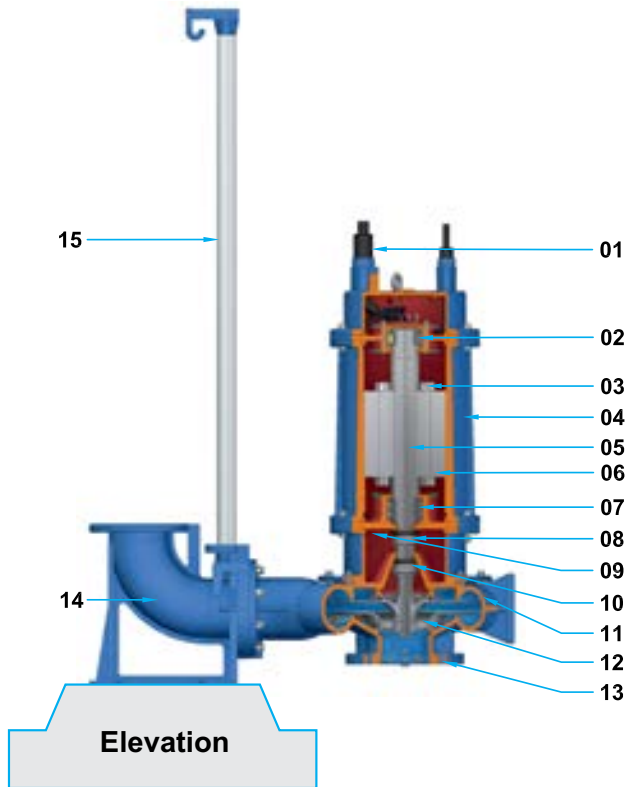
1450 / 1750 RPM

All Dimension are in mm

MODEL	MIN. OPE-NING	A	B	C	D1	D2	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4W10C2.532	805	280	225	400	65	80	909	249	153	45x25x31	251
4W10C326	780	280	200	400	80	100	933	271	159	46x25x30	259
4W10C420	780	280	200	360	100	125	939	269	168	46x23x30	260
4W12.5C2.532	805	280	225	400	65	80	945	245	181	46x25x31	283
4W12.5C326	780	280	200	400	80	100	973	271	195	47x25x30	295
4W12.5C426	805	280	225	400	100	125	999	285	215	48x25x31	317
4W15C2.532	805	280	225	400	65	80	970	245	200	47x25x31	302
4W15C332	865	315	250	400	80	100	1005	267	222	49x25x33	332
4W15C426	805	280	225	400	100	125	1024	285	229	49x25x31	335
4W20C332	865	315	250	400	80	100	1031	269	304	50x25x33	414
4W20C426	805	280	225	400	100	125	1024	285	310	49x25x31	416
4W20C526	885	335	250	400	125	150	1079	314	322	51x25x34	441
4W20C626	932	370	262	400	150	200	1085	322	331	52x25x36	458
4W25C432	865	315	250	400	100	125	1089	289	338	52x25x33	458
4W25C526	885	335	250	400	125	150	1124	314	343	53x25x34	466
4W25C626	932	370	262	400	150	200	1130	322	355	53x25x36	482
4W30C440	915	335	280	500	100	125	1208	295	349	56x29x35	489
4W30C532	935	355	280	500	125	150	1270	364	349	59x29x36	496
4W30C626	932	370	262	400	150	200	1230	322	357	57x25x36	489
4W30C1032	1100	430	370	650	250	250	1350	417	404	62x35x42	597
4W40C440	915	335	280	500	100	125	1290	295	538	60x29x35	683
4W40C532	935	355	280	500	125	150	1290	320	555	60x29x36	702
4W40C1032	1100	430	370	650	250	250	1415	417	579	65x35x42	778
4W50C450	1095	440	355	530	100	125	1392	347	582	64x30x42	765
4W50C540	1015	400	315	500	125	150	1365	320	587	63x29x39	749
4W50C632	980	400	280	550	150	200	1371	340	603	63x31x38	771
4W50C1032	1100	430	370	650	250	250	1465	417	628	67x35x42	832
4W60C450	1095	440	355	530	100	125	1442	347	635	66x30x42	818
4W60C540	1015	400	315	500	125	150	1415	320	644	65x29x39	811
4W60C632	980	400	280	550	150	200	1421	340	654	65x31x38	828
4W60C1032	1100	430	370	650	250	250	1515	417	680	69x35x42	884
4W75C450	1095	440	355	530	100	125	1415	347	676	65x30x42	859
4W75C540	1015	400	315	500	125	150	1388	320	684	64x29x39	851
4W75C640	1065	450	315	550	150	200	1410	340	688	64x31x41	870
4W85C450	1095	440	355	530	100	125	1474	347	695	67x30x42	883
4W85C545	1100	450	350	560	125	150	1472	339	786	67x31x42	975
4W85C640	1065	450	315	550	150	200	1469	340	711	67x31x41	898
4W85C840	1100	450	350	630	200	250	1561	417	789	70x34x42	995
4W100C450	1095	440	355	530	100	125	1564	347	708	71x30x42	901
4W100C545	1100	450	350	560	125	150	1562	339	847	70x31x42	1042
4W100C640	1065	450	315	550	150	200	1559	340	770	70x31x41	962
4W100C840	1100	450	350	630	200	250	1651	417	842	74x34x42	1054
4W120C545	1100	450	350	560	125	150	1621	345	1026	73x31x42	1226
4W120C652	1250	550	400	650	150	200	1656	383	1066	74x35x48	1303
4W120C840	1100	450	350	630	200	250	1707	423	1099	76x34x42	1316
4W135C545	1100	450	350	560	125	150	1621	345	1063	73x31x42	1263
4W135C652	1250	550	400	650	150	200	1656	383	1157	74x35x48	1394
4W135C1240	1262	542	420	875	300	300	1776	490	1291	79x43x49	1580
4W150C652	1250	550	400	650	150	200	1756	383	1208	78x35x48	1451
4W150C1240	1262	542	420	875	300	300	1876	490	1312	83x43x49	1608
4W175C652	1250	550	400	650	150	200	1825	387	1367	81x35x48	1616
4W175C1240	1262	542	420	875	300	300	1940	493	1425	85x43x49	1737
4W200C652	1250	550	400	650	150	200	1935	387	1399	85x35x48	1669
4W200C1240	1262	542	420	875	300	300	2050	493	1457	90x43x49	1776

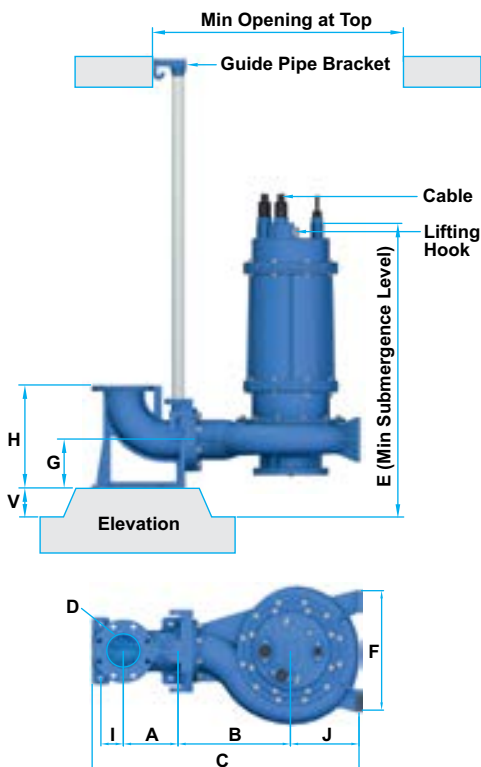
Submerged Centrifugal Pumps

Cross Section • Auto Coupling



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

GA Drawing • Auto Coupling

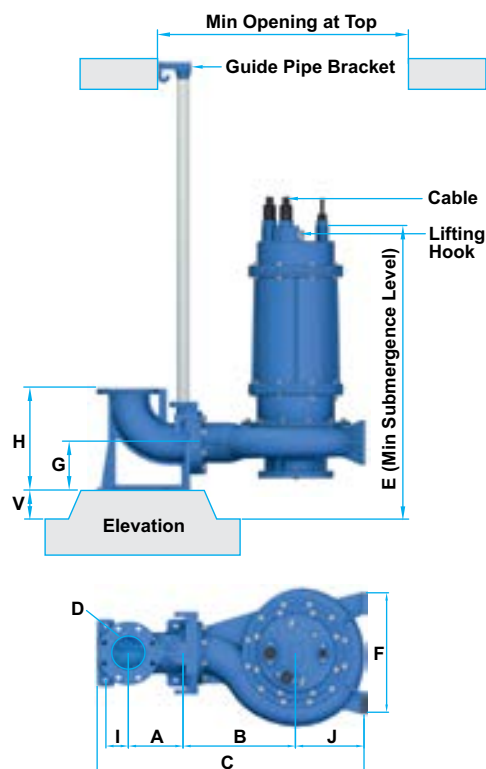


2900 / 3500 RPM

All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	C	D	E	F	G	H	I	J	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2W12.5C2.516	1014	180	260	714	65	850	280	210	460	84	160	159	39x18x22	246
2W15C316	1030	147	281	730	80	837	320	161	323	92	180	176	42x20x24	278
2W20C316	1030	147	281	730	80	862	320	161	323	92	180	190	43x20x24	292
2W20C2.520	1059	180	285	759	65	930	320	210	460	84	180	195	42x20x24	297
2W25C2.520	1059	180	285	759	65	995	320	210	460	84	180	248	45x20x24	354
2W25C320	1055	147	306	755	80	959	345	161	323	92	180	262	47x21x25	382
2W30C320	1055	147	306	755	80	959	345	161	323	92	180	279	47x21x25	399
2W30C420	1132	178	340	832	100	1008	360	210	460	84	200	296	47x22x27	427
2W30C2.526	1104	180	310	804	65	1003	360	210	460	84	200	309	51x22x27	444
2W40C420	1132	178	340	832	100	1108	360	210	460	84	200	314	45x22x26	432
2W40C2.526	1104	180	310	804	65	1103	360	210	460	84	200	320	49x22x26	448
2W40C326	1105	147	336	805	80	1054	400	161	323	92	200	338	50x23x27	474
2W50C326	1105	147	336	805	80	1054	400	161	323	92	200	368	50x23x27	504
2W60C426	1170	182	340	870	100	1371	400	300	550	93	225	477	59x23x28	629
2W75C426	1170	182	340	870	100	1411	400	300	550	93	225	500	60x23x28	652

GA Drawing • Auto Coupling



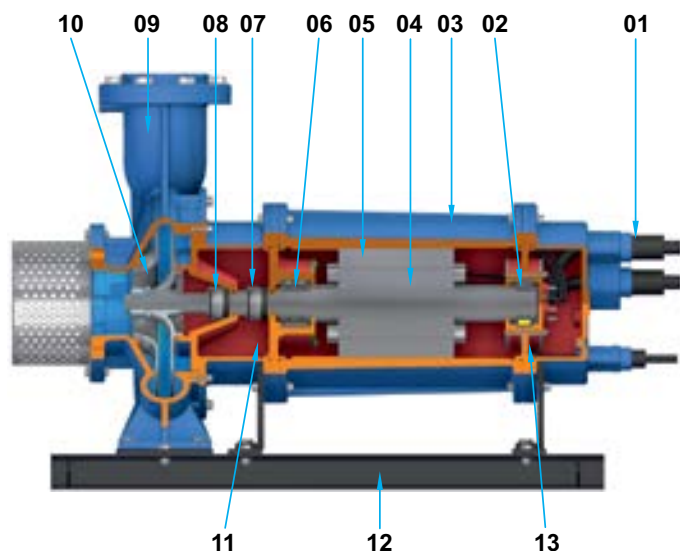
1450 / 1750 RPM

All Dimension are in mm

MODEL	MIN. OPE-NING	A	B	C	D	E	F	G	H	I	J	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4W10C2.532	1129	180	340	829	65	870	400	210	460	84	225	153	45x25x31	251
4W10C326	1075	147	336	775	80	823	400	161	323	92	200	159	46x25x30	259
4W10C420	1076	1506	337	776	100	820	360	150	325	83	200	168	46x23x30	260
4W12.5C2.532	1129	180	340	829	65	910	400	210	460	84	225	181	46x25x31	283
4W12.5C326	1075	147	336	775	80	863	400	161	323	92	200	195	47x25x30	295
4W12.5C426	1101	156	337	801	100	864	400	150	325	83	225	215	48x25x31	317
4W15C2.532	1129	180	340	829	65	935	400	210	460	84	225	200	47x25x31	302
4W15C332	1160	147	371	860	80	899	400	161	323	92	250	222	49x25x33	332
4W15C426	1101	156	337	801	100	889	400	150	325	83	225	229	49x25x31	335
4W20C332	1160	147	371	860	80	923	400	161	323	92	250	304	50x25x33	414
4W20C426	1127	178	340	827	100	968	400	210	460	84	225	310	49x25x31	416
4W20C526	1247	201	409	947	125	977	400	212	440	87	250	322	51x25x34	441
4W20C626	1352	245	449	1052	150	1063	400	300	652	96	262	331	52x25x36	458
4W25C432	1187	178	375	887	100	1010	400	210	460	84	250	338	52x25x33	458
4W25C526	1247	201	409	947	125	1022	400	212	440	87	250	343	53x25x34	466
4W25C626	1352	245	449	1052	150	1108	400	300	652	96	262	355	53x25x36	482
4W30C440	1239	178	397	939	100	1123	500	210	460	84	280	349	56x29x35	489
4W30C532	1297	201	429	997	125	1118	500	212	440	87	280	349	59x29x36	496
4W30C626	1352	245	449	1052	150	1208	400	300	652	96	262	357	57x25x36	489
4W30C1032	1604	300	502	1304	250	1208	650	275	604	132	370	404	62x35x42	597
4W40C440	1250	182	395	950	100	1295	500	300	550	93	280	538	60x29x35	683
4W40C532	1297	201	429	997	125	1182	500	212	440	87	280	555	60x29x36	702
4W40C1032	1604	300	502	1304	250	1273	650	275	604	132	370	579	65x35x42	778
4W50C450	1430	182	500	1130	100	1345	530	300	550	93	355	582	64x30x42	765
4W50C540	1377	201	474	1077	125	1257	500	212	440	87	315	587	63x29x39	749
4W50C632	1400	245	479	1100	150	1331	550	300	652	96	280	603	63x31x38	771
4W50C1032	1604	300	502	1304	250	1323	650	275	604	132	370	628	67x35x42	832
4W60C450	1430	182	500	1130	100	1395	530	300	550	93	355	635	66x30x42	818
4W60C540	1377	201	474	1077	125	1307	500	212	440	87	315	644	65x29x39	811
4W60C632	1400	245	479	1100	150	1381	550	300	652	96	280	654	65x31x38	828
4W60C1032	1604	300	502	1304	250	1373	650	275	604	132	370	680	69x35x42	884
4W75C450	1430	182	500	1130	100	1368	530	300	550	93	355	676	65x30x42	859
4W75C540	1377	201	474	1077	125	1280	500	212	440	87	315	684	64x29x39	851
4W75C640	1485	245	529	1185	150	1370	550	300	652	96	315	688	64x31x41	870
4W85C450	1430	182	500	1130	100	1427	530	300	550	93	355	695	67x30x42	883
4W85C545	1462	201	524	1162	125	1345	560	212	440	87	350	786	67x31x42	975
4W85C640	1485	245	529	1185	150	1429	550	300	652	96	315	711	67x31x41	898
4W85C840	1600	302	533	1300	200	1539	630	395	781	115	350	789	70x34x42	995
4W100C450	1430	182	500	1130	100	1517	530	300	550	93	355	708	71x30x42	901
4W100C545	1462	201	524	1162	125	1435	560	212	440	87	350	847	70x31x42	1042
4W100C640	1485	245	529	1185	150	1519	550	300	652	96	315	770	70x31x41	962
4W100C840	1600	302	533	1300	200	1629	630	395	781	115	350	842	74x34x42	1054
4W120C545	1462	201	524	1162	125	1488	560	212	440	87	350	1026	73x31x42	1226
4W120C652	1670	245	629	1370	150	1573	650	300	652	96	400	1066	74x35x48	1303
4W120C840	1600	302	533	1300	200	1679	630	395	781	115	350	1099	76x34x42	1316
4W135C545	1462	201	524	1162	125	1488	560	212	440	87	350	1063	73x31x42	1263
4W135C652	1670	245	629	1370	150	300	650	300	652	96	400	1157	74x35x48	1394
4W135C1240	1931	397	628	1631	300	1734	875	448	879	186	420	1291	79x43x49	1580
4W150C652	1670	245	629	1370	150	1673	650	300	652	96	400	1208	78x35x48	1451
4W150C1240	1931	397	628	1631	300	1834	875	448	879	186	420	1312	83x43x49	1608
4W175C652	1670	245	629	1370	150	1738	650	300	652	96	400	1367	81x35x48	1616
4W175C1240	1931	397	628	1631	300	1895	875	448	879	186	420	1425	85x43x49	1737
4W200C652	1670	245	629	1370	150	1848	650	300	652	96	400	1399	85x35x48	1669
4W200C1240	1931	397	628	1631	300	2005	875	448	879	186	420	1457	90x43x49	1776

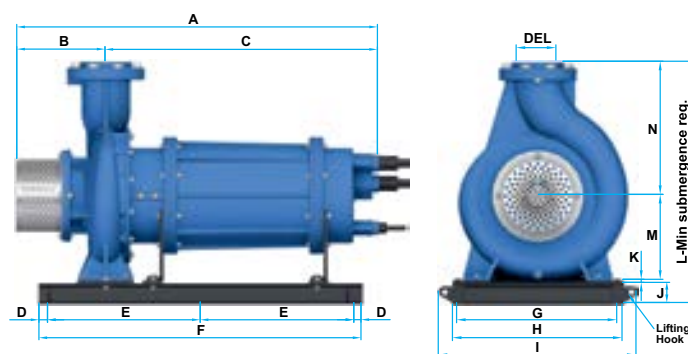
Submerged Centrifugal Pumps

Cross Section • Horizontal



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

GA Drawing • Horizontal



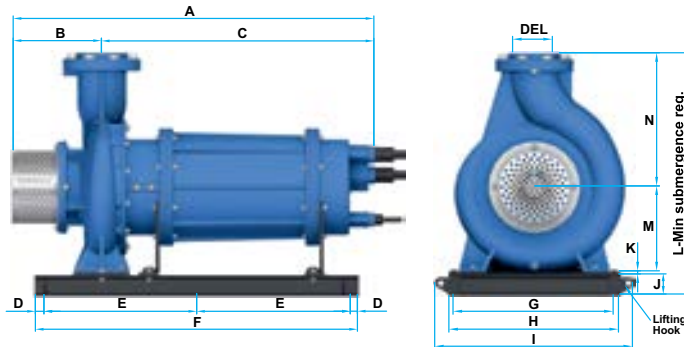
2900 / 3500 RPM

All Dimension are in mm

MODEL	DEL.	SUC.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2W12.5C2.516	65	80	840	200	640	20	335	750	306	340	440	75	12	447	160	200	185	39x22x26	257
2W15C316	80	100	926	251	676	20	372	778	366	400	500	75	12	492	180	225	205	42x25x27	291
2W20C316	80	100	951	251	701	20	385	804	366	400	500	75	12	492	180	225	220	43x25x27	310
2W20C2.520	65	80	920	200	720	20	393	820	366	400	500	75	12	492	180	225	225	42x25x27	311
2W25C2.520	65	80	985	200	785	25	425	884	366	400	500	100	14	519	180	225	280	45x25x27	372
2W25C320	80	100	1048	250	798	25	427	904	375	425	525	100	14	544	180	250	295	47x26x29	395
2W30C320	80	100	1048	250	798	25	427	904	375	425	525	100	14	544	180	250	312	47x26x29	412
2W30C420	100	125	1048	250	798	25	438	926	390	440	540	100	14	594	200	280	330	47x26x31	434
2W30C2.526	65	80	993	200	793	25	437	924	390	440	540	100	14	564	200	250	345	51x26x31	458
2W40C420	100	125	1148	250	298	25	488	1026	390	440	540	100	14	594	200	280	348	45x26x30	445
2W40C2.526	65	80	1093	200	893	25	487	1024	390	440	540	100	14	564	200	250	356	49x26x30	461
2W40C326	80	100	1118	225	893	25	487	1024	430	480	580	100	14	594	200	280	375	50x28x31	489
2W50C326	80	100	1118	225	893	25	487	1024	430	480	580	100	14	594	200	280	405	50x26x31	519
2W60C426	100	125	1336	265	1071	25	577	1204	430	480	580	100	15	620	225	280	518	59x28x32	654
2W75C426	100	125	1376	265	1111	25	597	1244	430	480	580	100	15	620	225	280	542	60x28x32	678

Submerged Centrifugal Pumps

GA Drawing • Horizontal



1450 / 1750 RPM

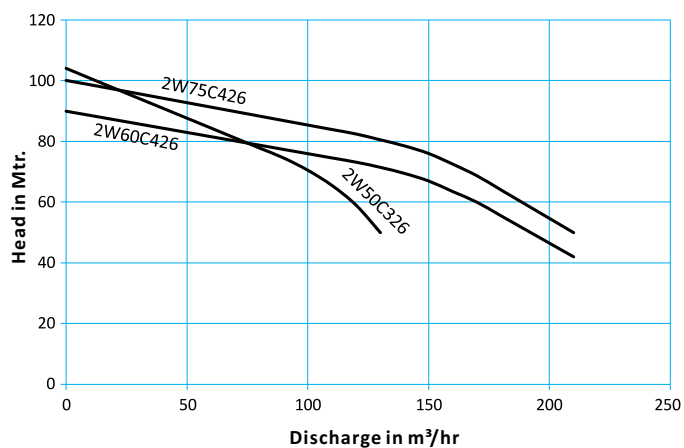
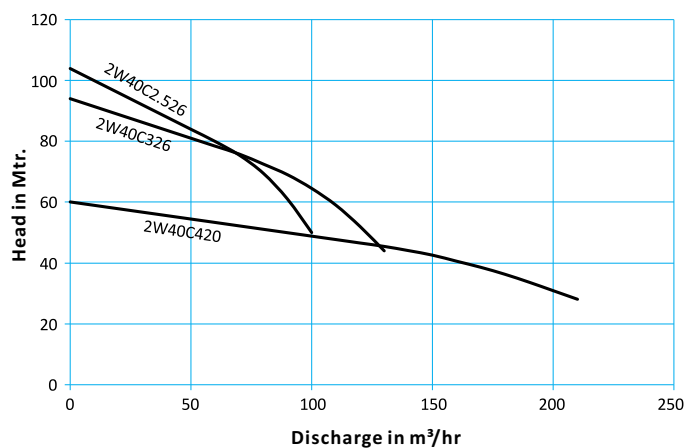
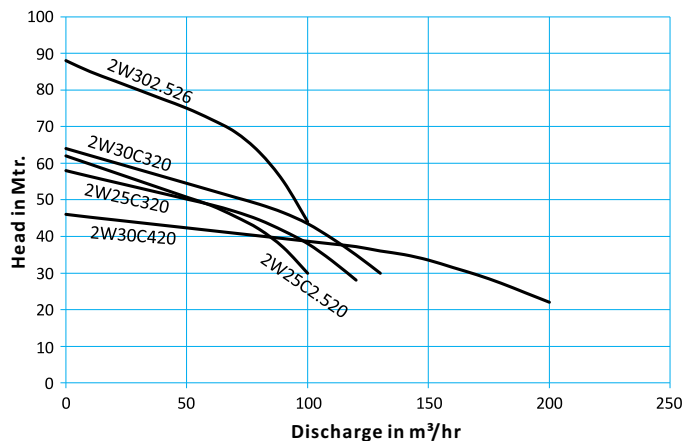
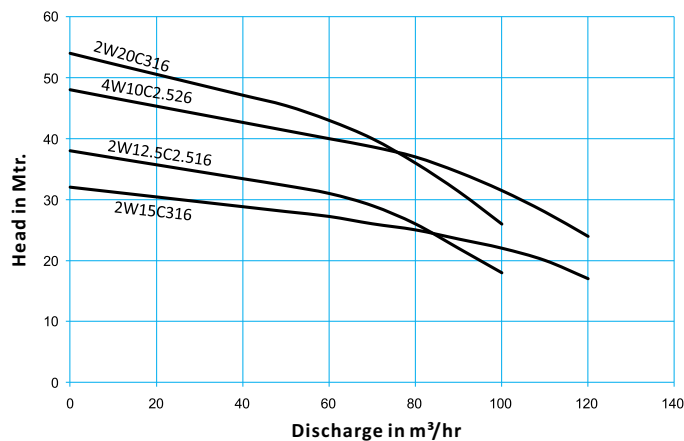
All Dimension are in mm

MODEL	DEL.	SUC.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4W10C2.532	65	80	909	249	660	17	373	780	446	480	580	75	15	595	225	280	185	45x30x33	302
4W10C326	80	100	933	271	662	17	374.5	783	446	480	580	75	15	570	200	280	192	46x30x32	311
4W10C420	100	125	939	269	670	17	376	786	406	440	540	75	15	570	200	280	202	46x28x32	315
4W12.5C2.532	65	80	945	245	700	17	393	820	446	480	580	75	15	595	225	280	215	46x30x33	336
4W12.5C326	80	100	973	271	702	17	394.5	823	446	480	580	75	15	570	200	280	230	47x30x32	351
4W12.5C426	100	125	999	285	714	17	400	834	446	480	580	75	15	595	225	280	250	48x30x33	371
4W15C2.532	65	80	970	245	725	17	405.5	845	446	480	580	75	15	595	225	280	235	47x30x33	356
4W15C332	80	100	1005	267	738	17	409	852	446	480	580	75	15	655	250	315	258	49x30x36	391
4W15C426	100	125	1024	285	739	17	412.5	859	446	480	580	75	15	595	225	280	264	49x30x33	390
4W20C332	80	100	1031	269	762	17	420	874	446	480	580	75	15	655	250	315	340	50x30x36	473
4W20C426	100	125	1047	289	758	17	422	878	446	480	580	75	15	595	225	280	348	50x30x33	474
4W20C526	125	150	1079	314	765	17	425.5	885	446	480	580	75	15	675	250	335	355	51x30x37	500
4W20C626	150	200	1085	322	763	17	429.5	893	446	480	580	75	15	722	262	370	365	52x30x38	517
4W25C432	100	125	1089	289	800	17	443	920	446	480	580	75	15	655	250	315	372	52x30x36	517
4W25C526	125	150	1124	314	810	17	448	930	446	480	580	75	15	675	250	335	378	53x30x37	528
4W25C626	150	200	1130	322	808	17	452	938	446	480	580	75	15	722	262	370	390	53x30x38	542
4W30C440	100	125	1208	295	913	17	509.5	1053	546	580	680	75	15	705	280	335	385	56x34x38	553
4W30C532	125	150	1270	364	906	17	531	1096	546	580	680	75	15	725	280	355	392	59x34x38	566
4W30C626	150	200	1230	322	908	17	502	1038	446	480	580	75	15	722	262	370	400	57x30x38	557
4W30C1032	250	250	1350	417	933	17	553	1140	696	730	830	75	15	890	370	430	450	62x40x45	671
4W40C440	100	125	1290	295	995	17	550.5	1135	546	580	680	75	15	705	280	335	585	60x34x38	759
4W40C532	125	150	1290	320	970	17	538	1110	546	580	680	75	15	725	280	355	605	60x34x38	779
4W40C1032	250	250	1415	417	998	17	585.5	1205	696	730	830	75	15	890	370	430	630	65x40x45	858
4W50C450	100	125	1392	347	1045	17	590	1214	576	610	710	75	15	885	355	440	634	64x35x45	841
4W50C540	125	150	1365	320	1045	17	575.5	1185	546	580	680	75	15	805	315	400	640	63x34x42	830
4W50C632	150	200	1371	340	1031	17	568.5	1171	596	630	730	75	15	770	280	400	645	63x36x40	840
4W50C1032	250	250	1465	417	1048	17	610.5	1255	696	730	830	75	15	890	370	430	672	67x40x45	906
4W60C450	100	125	1442	347	1095	17	615	1264	576	610	710	75	15	885	355	440	680	66x35x45	887
4W60C540	125	150	1415	320	1095	17	600.5	1235	546	580	680	75	15	805	315	400	690	65x34x42	885
4W60C632	150	200	1421	340	1081	17	593.5	1221	596	630	730	75	15	770	280	400	700	65x36x40	898
4W60C1032	250	250	1515	417	1098	17	635.5	1305	696	730	830	75	15	890	370	430	728	69x40x45	962
4W75C450	100	125	1415	347	1068	20	603.5	1247	590	630	730	100	15	910	355	440	725	65x36x46	943
4W75C540	125	150	1388	320	1068	20	589	1218	560	600	700	100	15	830	315	400	736	64x35x43	935
4W75C640	150	200	1410	340	1070	20	590	1220	610	650	750	100	15	880	315	450	742	64x36x45	957
4W85C450	100	125	1474	347	1127	20	633	1306	590	630	730	100	15	910	355	440	752	67x36x46	976
4W85C545	125	150	1472	339	1133	20	629	1298	620	660	760	100	15	915	350	450	844	67x37x46	1070
4W85C640	150	200	1469	340	1129	20	619.5	1279	610	650	750	100	15	880	315	450	780	67x36x45	1001
4W85C840	200	250	1561	417	1144	20	660.5	1361	690	730	830	100	15	915	350	450	860	70x40x46	1104
4W100C450	100	125	1564	347	1217	20	678	1396	590	630	730	100	18	913	355	440	780	71x36x46	1003
4W100C545	125	150	1562	339	1223	20	674	1388	620	660	760	100	18	918	350	450	921	70x37x46	1153
4W100C640	150	200	1559	340	1219	20	664.5	1369	610	650	750	100	18	883	315	450	820	70x36x45	1047
4W100C840	200	250	1651	417	1234	20	705.5	1451	690	730	830	100	18	918	350	450	895	74x40x46	1145
4W120C545	125	150	1621	345	1276	20	700.5	1441	620	660	760	100	18	918	350	450	1080	73x37x46	1318
4W120C652	150	200	1656	383	1273	20	700.5	1441	710	750	850	100	18	1068	400	550	1120	74x40x52	1393
4W120C840	200	250	1707	423	1284	20	730.5	1501	690	730	830	100	18	918	350	450	1145	76x40x46	1402
4W135C545	125	150	1621	345	1276	20	700.5	1441	620	660	760	100	18	918	350	450	1110	73x37x46	1348
4W135C652	150	200	1656	383	1273	20	700.5	1441	710	750	850	100	18	1068	400	550	1205	74x40x52	1478
4W135C1240	300	300	1776	490	1286	20	748	1536	935	975	1075	100	18	1080	420	542	1340	79x49x52	1667
4W150C652	150	200	1756	383	1373	20	750.5	1541	710	750	850	100	18	1068	400	550	1260	78x40x52	1539
4W150C1240	300	300	1876	490	1386	20	798	1636	935	975	1075	100	18	1080	420	542	1370	83x49x52	1705
4W175C652	150	200	1825	387	1438	20	783	1606	710	750	850	100	18	1068	400	550	1425	81x40x52	1711
4W175C1240	300	300	1940	493	1447	20	828	1696	935	975	1075	100	18	1080	420	542	1485	83x49x52	1838
4W200C652	150	200	1935	387	1548	20	838	1716	710	750	850	100	18	1068	400	550	1460	85x40x52	1770
4W200C1240	300	300	2050	493	1557	20	883	1806	935	975	1075	100	18	1080	420	542	1520	90x49x52	1881

Performance Chart • 2900 / 3500 RPM

No.	Model	HP/KW	Del. Size in mm		HEAD IN METERS																										
					18	20	22	24	26	28	30	35	36	42	44	45	50	52	56	60	68	69	70	72	78	82	86	90	94	98	102
1	2W12.5C2.516	12.5/9.3	65	DISCHARGE IN m ³ / hr	100	95	91	86	81	76	70	51	46																		
2	2W15C316	15.0/11.0	80		121	114	107	99	90	80	67																				
3	2W20C2.520	20.0/15.0	65						98	95	92	84	82	70	66	63	48	39													
4	2W20C316	20.0/15.0	80					123	118	113	108	93	90	65	52	43															
5	2W25C2.520	25.0/18.5	65								100	93	92	84	80	79	70	66	57	46											
6	2W25C320	25.0/18.5	80						124	121	111	109	95	90	87	71	63	36													
7	2W302.526	30.0/22.5	65												98	97	92	90	86	82	73	71	70	67	58	50	40				
8	2W30C320	30.0/22.5	80							128	120	118	107	103	101	90	85	74	59												
9	2W30C420	30.0/22.5	100				209	201	193	185	176	150	144	98	71																
10	2W40C2.526	40.0/30.0	65													99	97	94	91	84	83	82	81	75	70	65	60	54	47	37	
11	2W40C326	40.0/30.0	80												127	126	120	118	113	108	96	95	93	90	79	69	60	45			
12	2W40C420	40.0/30.0	100						210	204	188	185	163	154	150	125	112	76													
13	2W50C326	50.0/37.5	80													127	125	121	117	108	107	106	103	96	90	84	77	69	60	48	
14	2W60C426	60.0/40.0	100												211	207	205	195	190	181	172	150	150	144	137	115	95	63			
15	2W75C426	75.0/56.0	100														208	204	197	190	173	171	169	165	150	139	127	113	96	71	

Performance Curves • 2900 / 3500 RPM



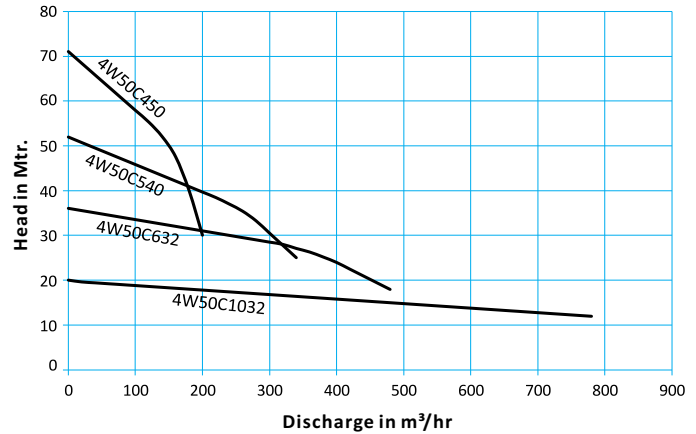
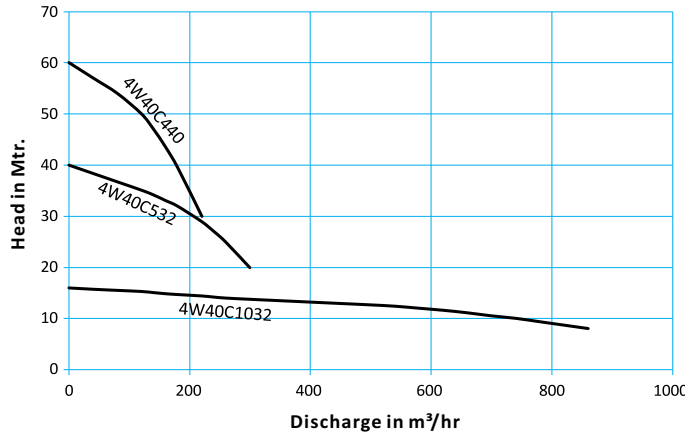
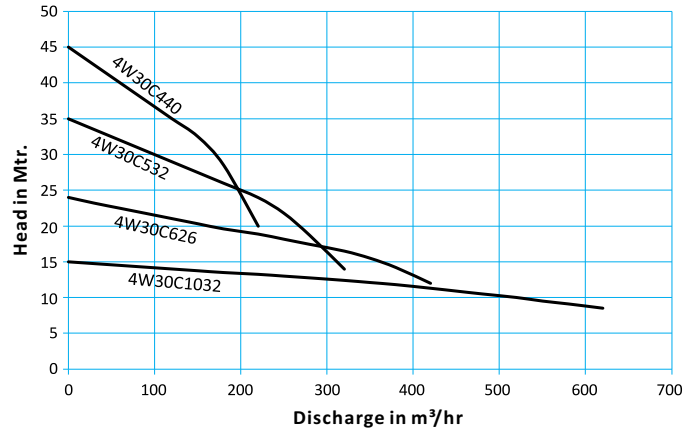
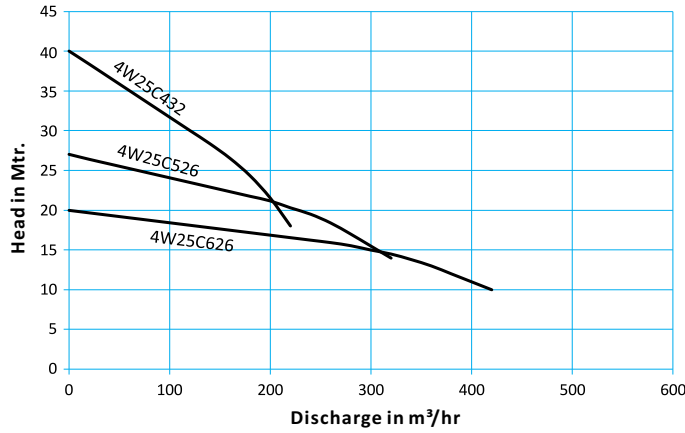
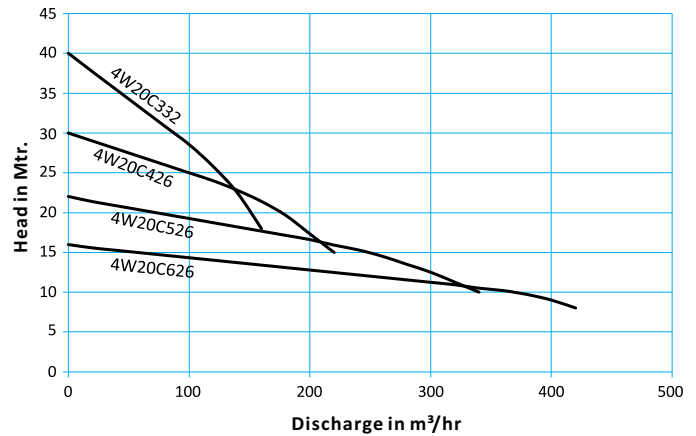
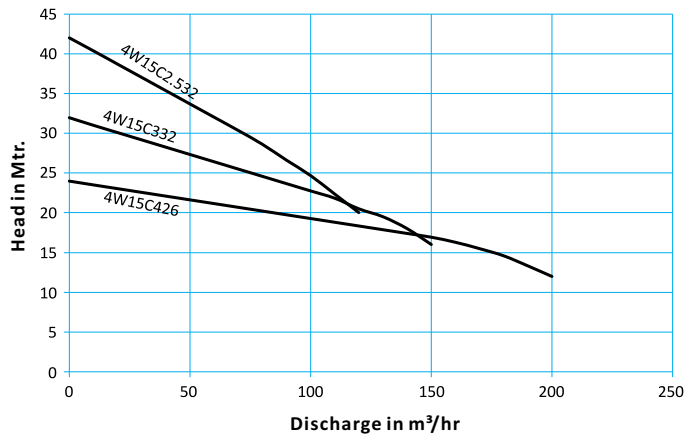
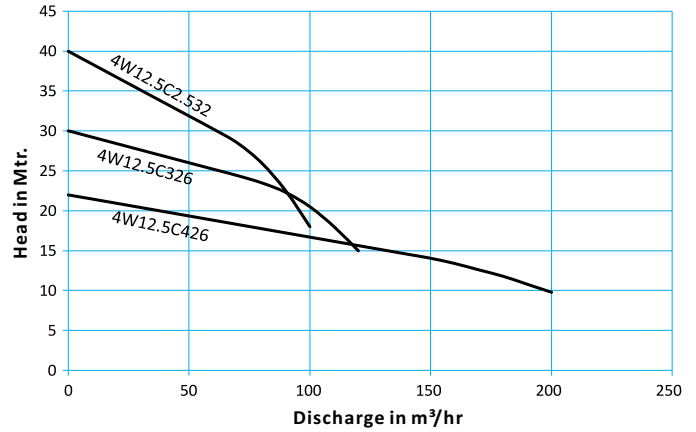
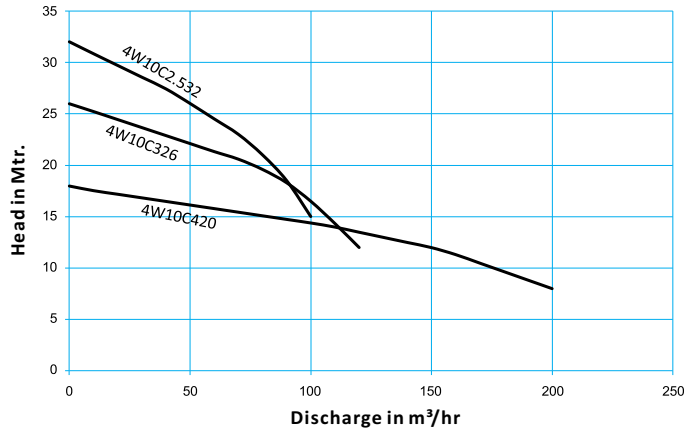
Submerged Centrifugal Pumps

Performance Chart • 1450 / 1750 RPM

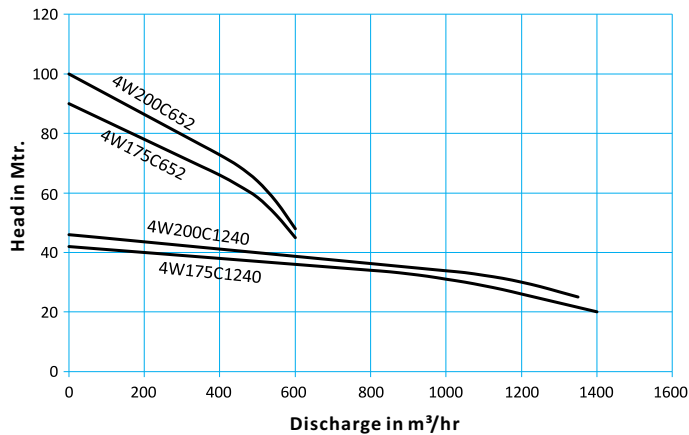
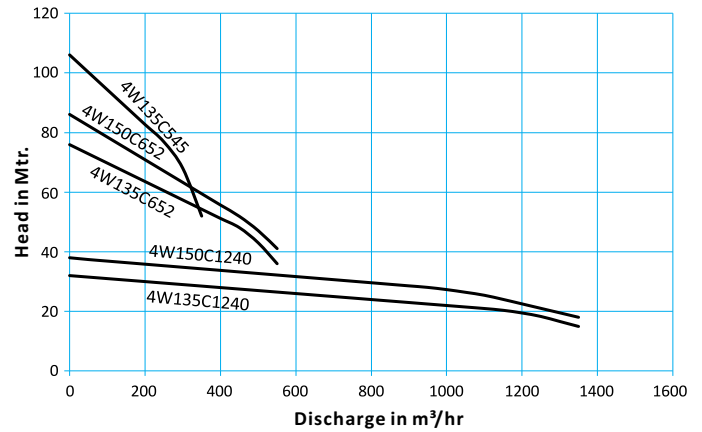
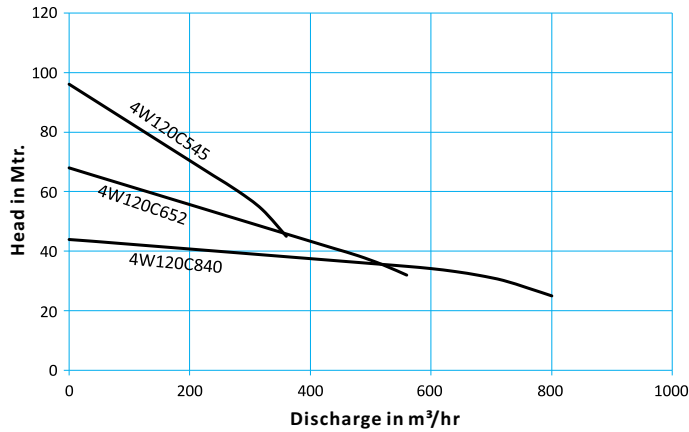
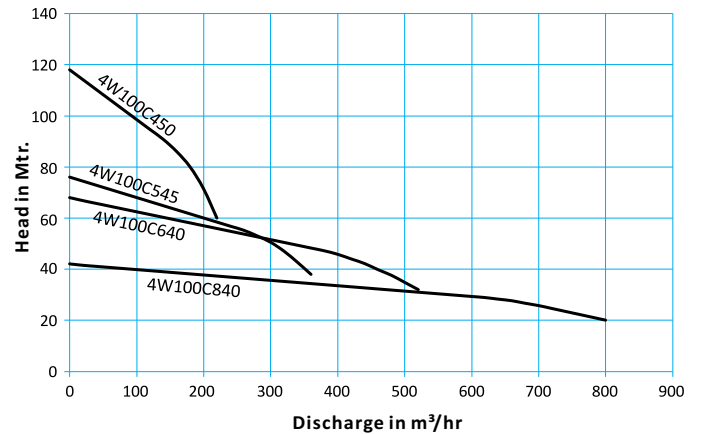
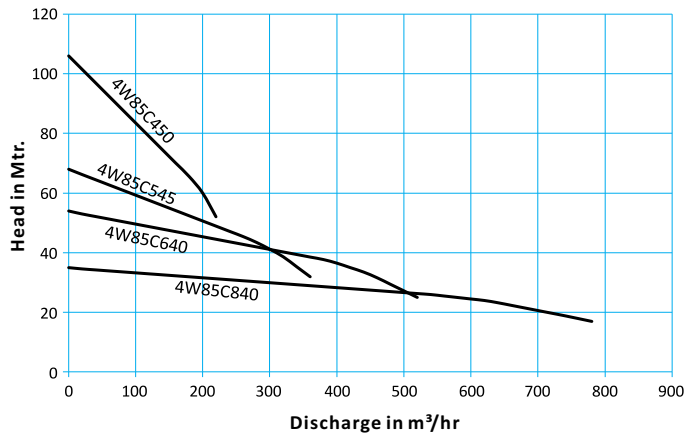
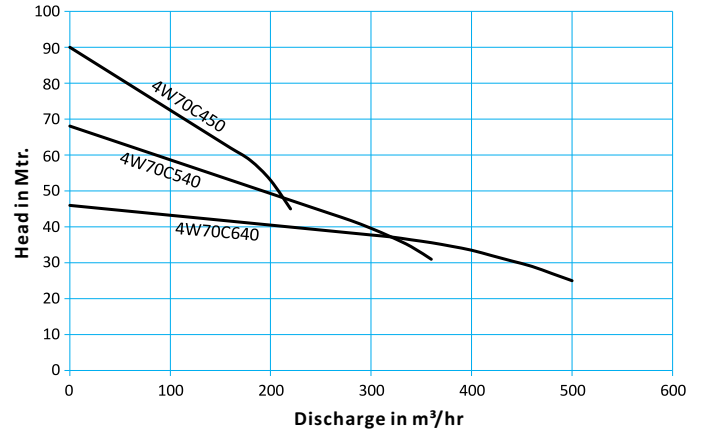
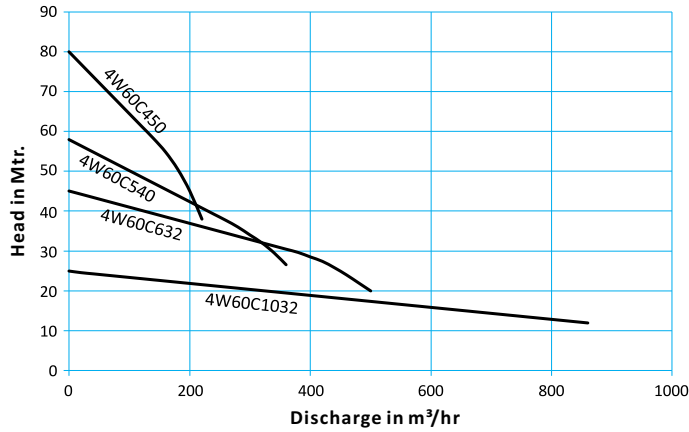
No.	Model	HP/KW	Del. Size in mm	DISCHARGE IN m ³ /hr																																	
				HEAD IN METERS																																	
8	10	12	13	15	16	18	19	20	22	23	24	25	27	30	31	32	33	35	37	38	40	41	43	45	47	48	52	53	54	55	56	57	58				
1	4W10C2.532	10.0/7.5	65			97	95	89	87	84	77	74	70	66	57	32																					
2	4W10C326	10.0/7.5	80	124	120	111	106	96	90	83	67	56	33																								
3	4W10C420	10.0/7.5	100																																		
4	4W12.5C2.532	12.5/9.3	65																																		
5	4W12.5C326	12.5/9.3	80			124	121	113	109	104	95	90	84	78	64																						
6	4W12.5C426	12.5/9.3	100	200	183	174	163	141	112	93	63																										
7	4W15C2.532	15.0/11.0	65																																		
8	4W15C332	15.0/11.0	80																																		
9	4W15C426	15.0/11.0	100			145	138	134	129	120	116	110	105	93	68	55																					
10	4W20C332	20.0/15.0	80	205	197	180	171	150	138	125	89	59																									
11	4W20C426	20.0/15.0	100			217	210	196	188	180	162	152	141	129	97																						
12	4W20C526	20.0/15.0	125	341	312	297	261	240	187	148	76																										
13	4W20C626	20.0/15.0	150	429	379	318	281	166																													
14	4W25C432	25.0/18.5	100																																		
15	4W25C526	25.0/18.5	125			330	308	296	270	255	240	204	182	156	119																						
16	4W25C626	25.0/18.5	150	433	392	369	318	288	209	142																											
17	4W30C440	30.0/22.5	100																																		
18	4W30C532	30.0/22.5	125																																		
19	4W30C626	30.0/22.5	150			435	418	382	362	318	293	264	190	126																							
20	4W30C1032	30.0/22.5	250	701	570	383	199																														
21	4W40C440	40.0/30.0	100																																		
22	4W40C532	40.0/30.0	125																																		
23	4W40C1032	40.0/30.0	250																																		

No.	Model	HP/KW	Del. Size in mm	DISCHARGE IN m³/hr																																	
				HEAD IN METERS																																	
12	15	16	18	20	25	27	28	32	33	35	36	38	41	42	45	48	52	53	55	60	61	63	66	71	74	78	83	84	89	95	98	104	117				
24	4W50C450	50.0/37.5	100																																		
25	4W50C540	50.0/37.5	125																																		
26	4W50C632	50.0/37.5	150																																		
27	4W50C1032	50.0/37.5	250																																		
28	4W60C450	60.0/40.0	100																																		
29	4W60C540	60.0/40.0	125																																		
30	4W60C632	60.0/40.0	150																																		
31	4W60C1032	60.0/40.0	250																																		
32	4W75C450	75.0/56.0	100																																		
33	4W75C540	75.0/56.0	125																																		
34	4W75C640	75.0/56.0	150																																		
35	4W85C450	85.0/63.5	100																																		
36	4W85C545	85.0/63.5	125																																		
37	4W85C640	85.0/63.5	150																																		
38	4W85C840	85.0/63.5	200																																		
39	4W100C450	100.0/75.0	100																																		
40	4W100C545	100.0/75.0	125																																		
41	4W100C640	100.0/75.0	150																																		
42	4W100C840	100.0/75.0	200																																		
43	4W120C545	120.0/90.0	125																																		
44	4W120C652	120.0/90.0	150																																		
45	4W120C840	120.0/90.0	200																																		
46	4W135C545	135.0/100.5	125																																		
47	4W135C652	135.0/100.5	150																																		
48	4W135C1240	135.0/100.5	300																																		
49	4W150C652	150.0/111.5	150																																		
50	4W150C1240	150.0/111.5	300																																		
51	4W175C652	175.0/130.5	150																																		
52	4W175C1240	175.0/130.5	300																																		
53	4W200C652	200.0/150.0	150																																		
54	4W200C1240	200.0/150.0	300																																		

Performance Curves • 1450 / 1750 RPM



Performance Curves • 1450 / 1750 RPM





*You know how to
stay dry...*

Building and construction sites

Flow rate upto 1500 m³/hr

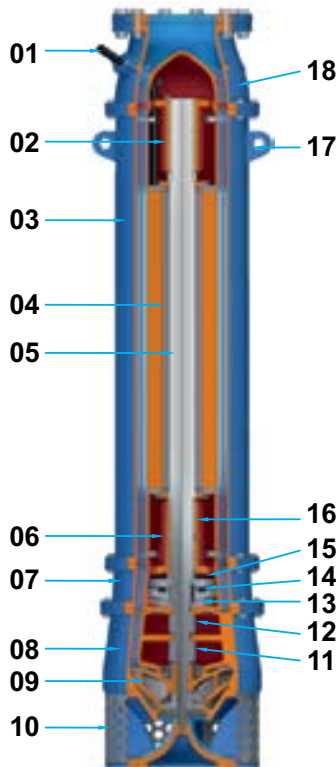
Maximum head 120 m

Motor upto 222 kW

Ease of use, easy maintenance
and cost effective solutions

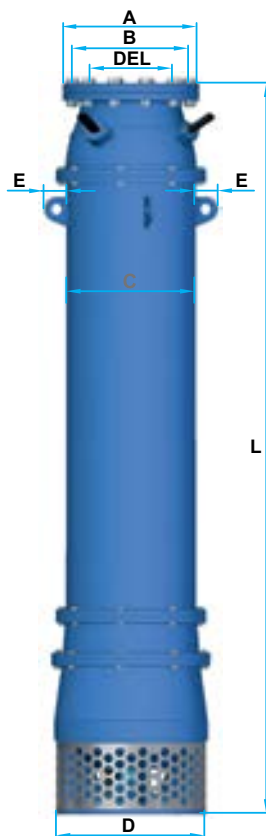


Cross Section • Single Stage



NO.	DESCRIPTION	MATERIAL
01	POWER CABLE	PVC. INSU. SHEATHED
02	UPPER HOUSING	C.I. IS-210, FG260
03	STATOR BODY	M.S. FABRICATED
04	ROTOR	COPPER
05	ROTOR SHAFT	S.S. 410
06	LOWER HOUSING	C.I. IS-210, FG260
07	MOTOR BYPASS	C.I. IS-210, FG260
08	PUMP BYPASS	C.I. IS-210, FG260
09	IMPELLER	C.I. IS-210, FG260
10	STRAINER & BASE	S.S./C.I. IS-210, FG260
11	MECH. SEAL (LOWER)	TC / TC
12	MECH. SEAL (UPPER)	CR / SS
13	THRUST BEARING	C.I. + S.S.
14	REV. PLATE	CARBON + S.S.
15	C.T. BEARING	G.M.
16	BEARING BUSH	G.M.
17	LIFTING HOOK	M.S. FAB.
18	DELIVERY OUT LET	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing

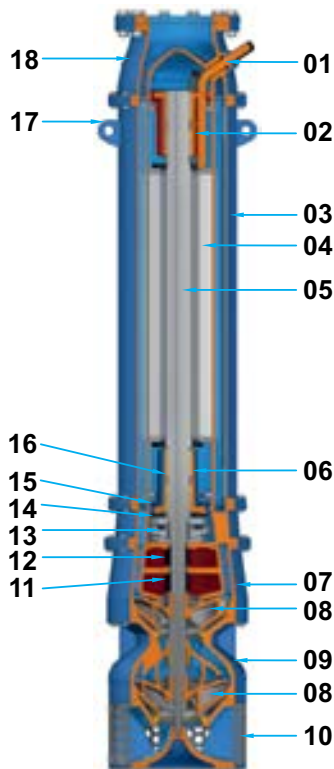


2900 / 3500 RPM

All Dimension are in mm

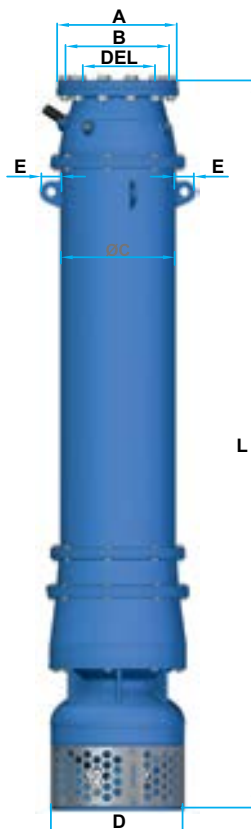
MODEL	DEL.	A	B	C	D	E	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	WEIGHT OF BOX in Kg.	TOTAL WEIGHT in Kg.
2PD3SM10C41M	100	220	180	245	315	80	1067	159	49x21x23	75	234
2PD3SM10C41H	100	220	180	245	335	80	1021	159	47x21x23	73	232
2PD3SM15C41M	100	220	180	245	315	80	1137	180	52x21x23	83	263
2PD3SM15C41H	100	220	180	245	335	80	1091	180	50x21x23	75	255
2PD3SM20C41M	100	220	180	245	315	80	1207	205	54x21x23	83	288
2PD3SM20C41H	100	220	180	245	335	80	1161	205	53x21x23	83	288
2PD4SM25C61L	150	285	240	324	320	80	1300	290	58x24x28	110	400
2PD4SM25C61M	150	285	240	324	320	80	1300	290	58x24x28	110	400
2PD4SM25C61H	150	285	240	324	360	80	1300	290	58x24x28	110	400
2PD4SM30S61L	150	285	240	324	320	80	1350	303	60x24x28	110	413
2PD4SM30S61M	150	285	240	324	320	80	1350	303	60x24x28	110	413
2PD4SM30S61H	150	285	240	324	360	80	1350	303	60x24x28	110	413
2PD4SM40S61L	150	285	240	324	320	80	1475	330	65x24x28	118	448
2PD4SM40S61M	150	285	240	324	320	80	1475	330	65x24x28	118	448
2PD4SM40S61H	150	285	240	324	360	80	1475	325	65x24x28	118	443
2PD4SM50S61L	150	285	240	324	320	80	1530	375	67x24x28	122	497
2PD4SM50S61M	150	285	240	324	320	80	1530	375	67x24x28	122	497
2PD4SM50S61H	150	285	240	324	360	80	1506	375	66x24x28	118	493
2PD4SM60S61L	150	285	240	324	320	80	1660	392	72x24x28	125	517
2PD4SM60S61M	150	285	240	324	320	80	1660	392	72x24x28	125	517
2PD4SM60S61H	150	285	240	324	360	80	1636	392	71x24x28	125	517
2PD4M75S81L	200	340	295	357	320	80	1761	725	76x27x31	154	879
2PD4M75S81M	200	340	295	357	320	80	1761	725	76x27x31	154	879
2PD4M75S81H	200	340	295	357	360	80	1743	725	76x27x31	154	879
2PD4M85S81L	200	340	295	357	320	80	1831	760	79x27x33	164	924
2PD4M85S81M	200	340	295	357	320	80	1831	760	79x27x33	164	924
2PD4M85S81H	200	340	295	357	360	80	1813	760	78x27x33	159	919
2PD4M100S81L	200	340	295	357	320	80	1931	780	83x27x33	168	948
2PD4M100S81M	200	340	295	357	320	80	1931	780	83x27x33	168	948
2PD4M100S81H	200	340	295	357	360	80	1913	780	82x27x33	163	943
2PD5M120S81M	200	340	295	406	440	80	2024	1080	87x29x35	190	1270
2PD5M135S81M	200	340	295	406	440	80	2124	1150	91x29x35	199	1349
2PD5M150S81M	200	340	292	406	440	80	2174	1200	93x29x35	199	1399
2PD6M175S121M	300	445	295	430	490	80	2408	1250	102x30x36	224	1474
2PD6M200S121M	300	445	295	430	490	80	2483	1290	105x30x36	236	1526

Cross Section • Two Stage



NO.	DESCRIPTION	MATERIAL
01	POWER CABLE	PVC. INSU. SHEATHED
02	UPPER HOUSING	C.I. IS-210, FG260
03	STATOR BODY	M.S. FABRICATED
04	ROTOR	COPPER
05	ROTOR SHAFT	S.S. 410
06	LOWER HOUSING	C.I. IS-210, FG260
07	BYPASS	C.I. IS-210, FG260
08	IMPELLER	C.I. IS-210, FG260
09	STAGE	C.I. IS-210, FG260
10	STRAINER & BASE	S.S./C.I. IS 210 FG 260
11	MECH. SEAL (LOWER)	TC / TC
12	MECH. SEAL (UPPER)	CR / SS
13	THRUST BEARING	C.I. + S.S
14	REV. PLATE	CARBON + S.S.
15	C.T. BEARING	G.M.
16	BEARING BUSH	G.M.
17	LIFTING HOOK	M.S. FABRICATED
18	DELIVERY OUT LET	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



1450 / 1750 RPM

All Dimension are in mm

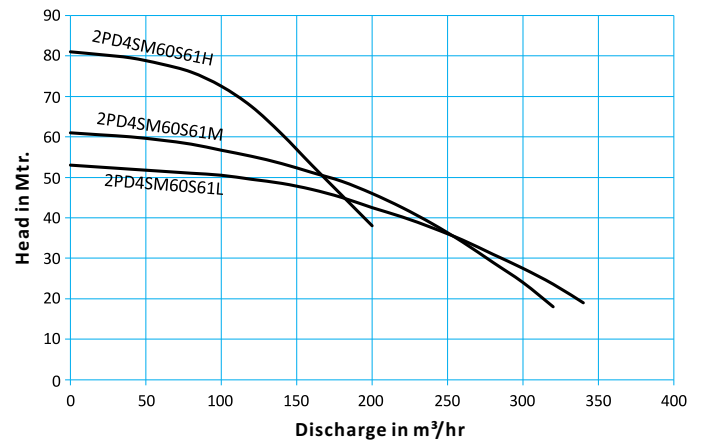
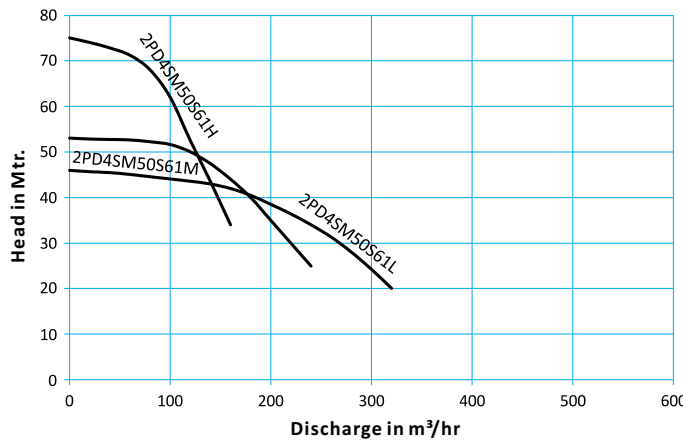
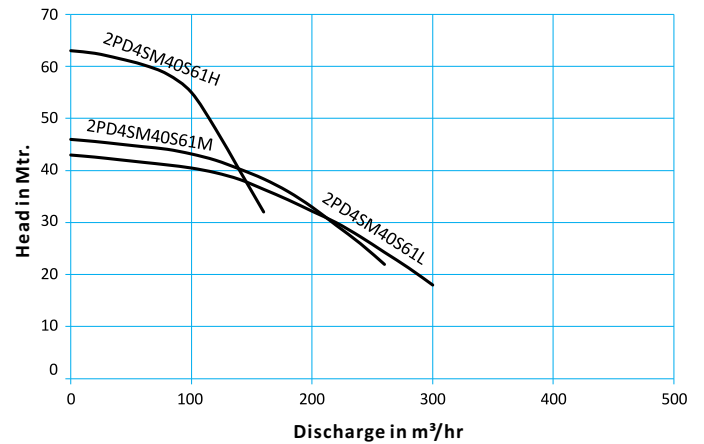
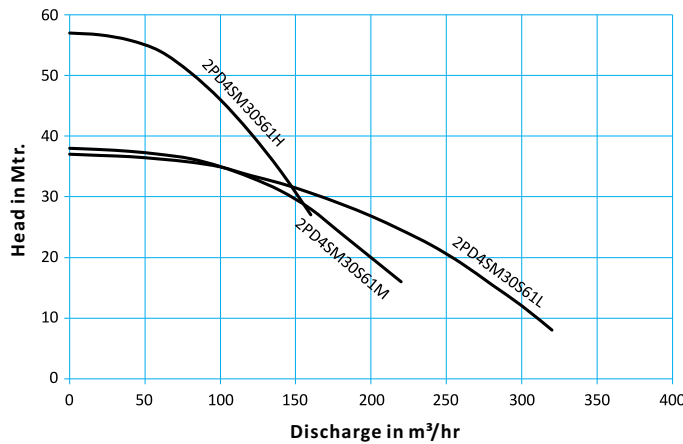
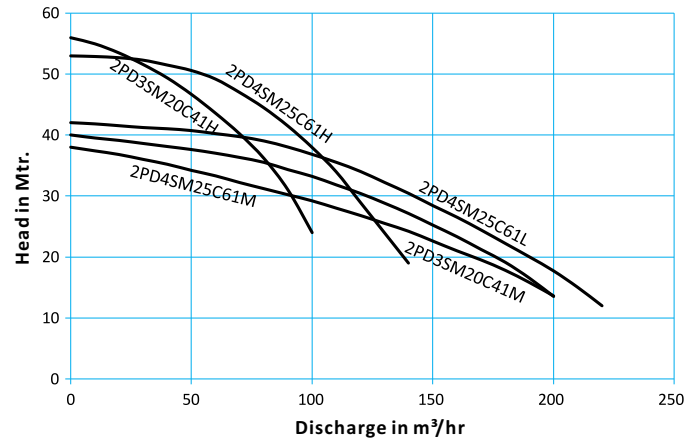
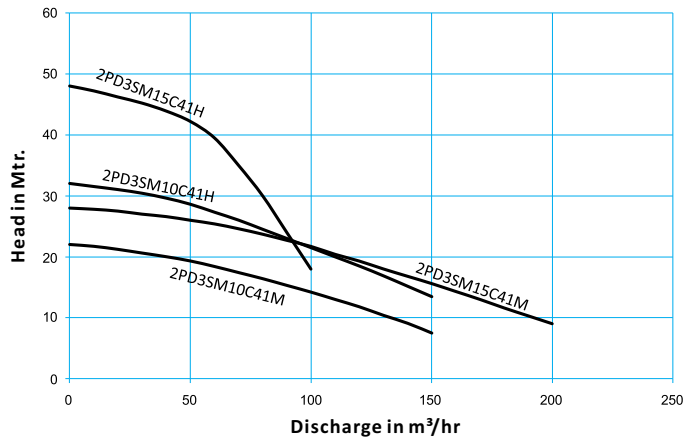
MODEL	DEL.	A	B	C	D	E	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	WEIGHT OF BOX in Kg.	TOTAL WEIGHT in Kg.
4PD5M50S81M	200	340	295	406	440	80	1921	1152	83x28x31	164	1316
4PD5M60S81M	200	340	295	406	440	80	2021	1187	87x28x31	174	1361
4PD5M75S81M	200	340	295	406	440	80	2171	1235	92x28x31	183	1418
4PD5M85S81M	200	340	295	406	440	80	2271	1270	96x28x33	193	1463
4PD5M100S81M	200	340	295	406	440	80	2357	1298	100x28x33	202	1500
4PD5M100S82H	200	340	295	406	440	80	2945	1313	123x28x33	238	1551
4PD6M120S121M	300	445	400	425	490	80	2261	1320	96x29x34	200	1520
4PD6M120S122H	300	445	400	425	490	80	2561	1345	108x29x34	224	1569
4PD6M135S121M	300	445	400	425	490	80	2386	1375	101x29x34	209	1584
4PD6M135S122H	300	445	400	425	490	80	2686	1390	113x29x34	233	1623
4PD6M150S121L	300	445	400	425	490	80	2411	1385	102x29x34	209	1594
4PD6M150S121M	300	445	400	425	490	80	2411	1395	102x29x34	209	1604
4PD6M150S121MH	300	445	400	425	490	80	2411	1395	102x29x34	209	1604
4PD6M150S122H	300	445	400	425	490	80	2711	1410	114x29x34	233	1643
4PD6M175S121L	300	445	400	425	590	80	2677	1550	112x29x36	241	1791
4PD6M175S121M	300	445	400	425	590	80	2677	1550	112x29x36	241	1791
4PD6M175S121MH	300	445	400	425	590	80	2677	1550	112x29x36	241	1791
4PD6M175S122H	300	445	400	425	490	80	3077	1580	128x29x36	264	1844
4PD6M200S121L	300	445	400	425	590	80	2817	1620	118x29x36	250	1870
4PD6M200S121M	300	445	400	425	590	80	2817	1620	118x29x36	250	1870
4PD6M200S121MH	300	445	400	425	590	80	2817	1620	118x29x36	250	1870
4PD6M200S122H	300	445	400	425	490	80	3217	1660	134x29x36	273	1933

Submersible Polder Pumps

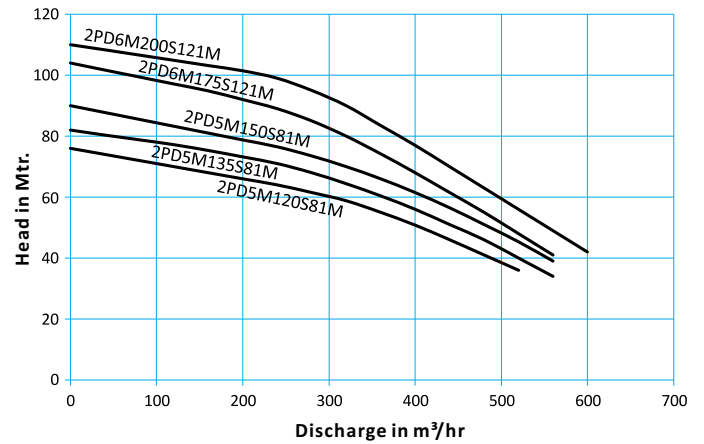
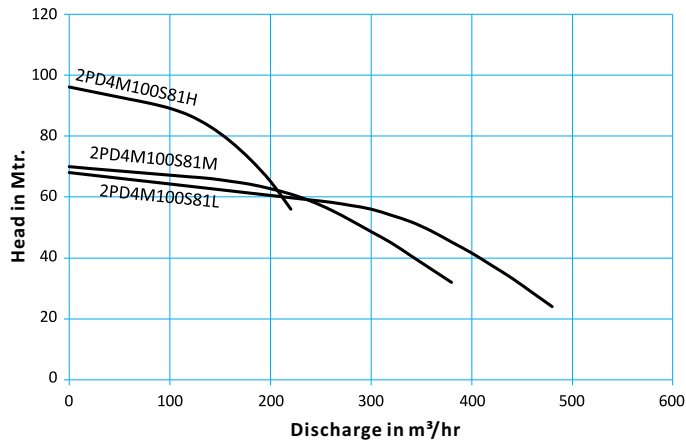
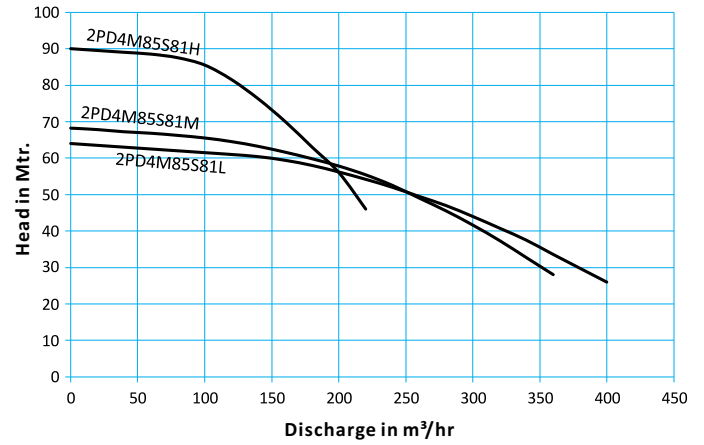
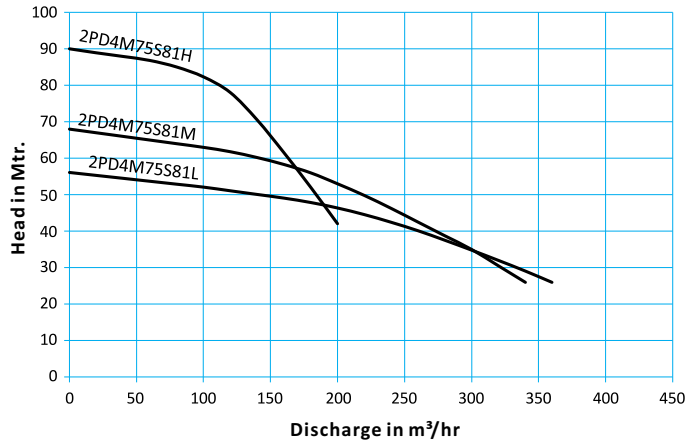
Performance Chart • 2900 / 3500 RPM

[illegible]

Performance Curves • 2900 / 3500 RPM



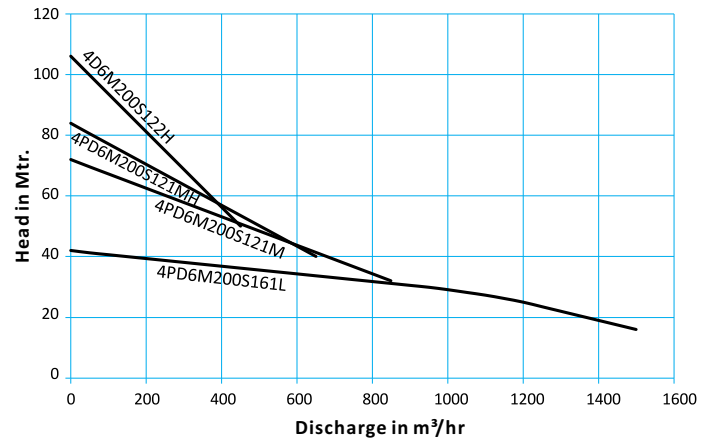
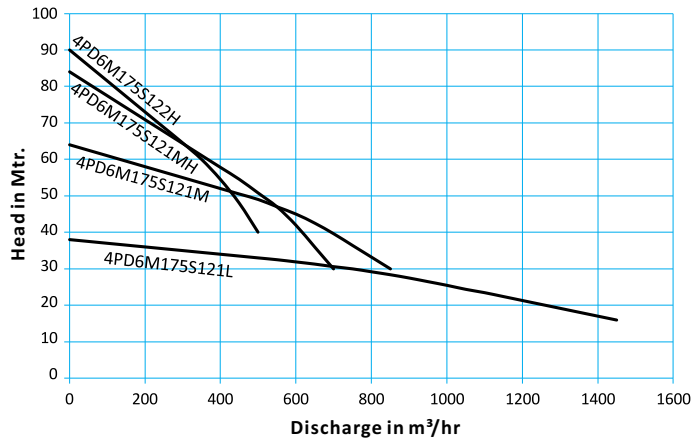
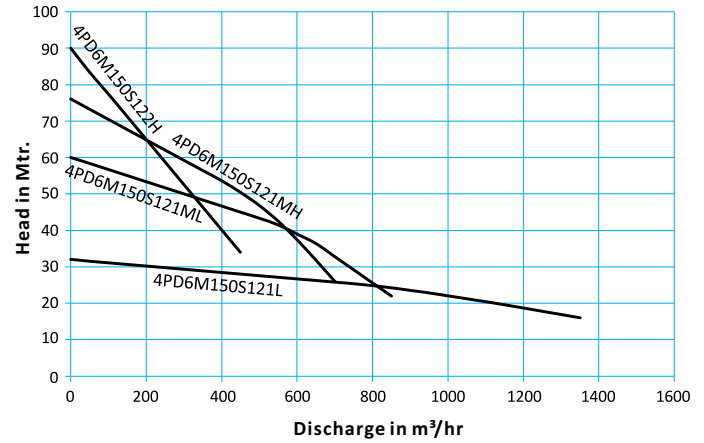
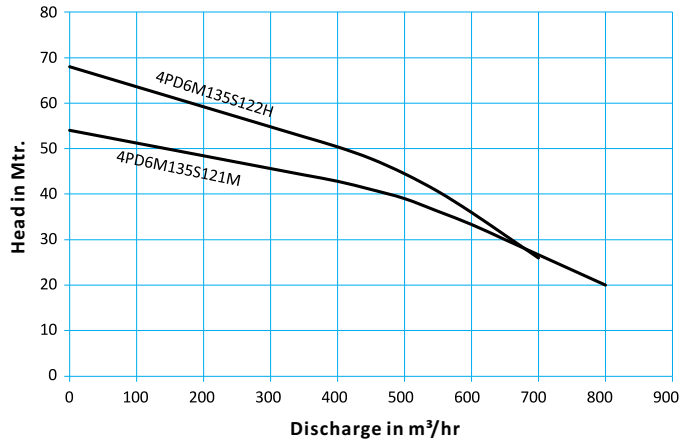
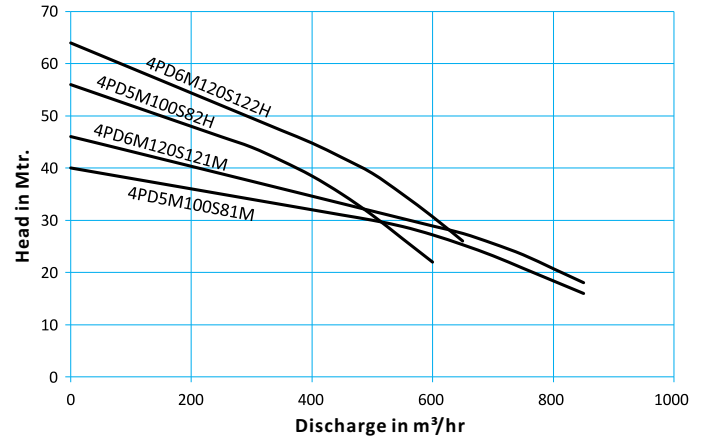
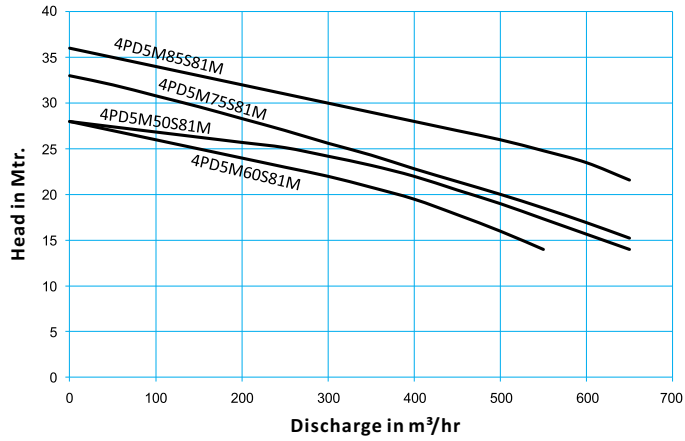
Performance Curves • 2900 / 3500 RPM



No.	Model	HP/KW	Del. Size in mm	STG	DISCHARGE IN m ³ / hr																						HEAD IN METERS															
					14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	64	66	68	72	76	80	84	88	96	104				
1	4PD5M50S81M	50.0/37.5	200	1	538	497	453	404	348	281	195																															
2	4PD5M60S81M	60.0/40.0	200	1	667	616	561	500	431	348	242																															
3	4PD5M75S81M	75.0/56.0	200	1	696	658	619	577	531	482	427	364	289	187																												
4	4PD5M85S81M	85.0/63.3	200	1	852	807	758	707	651	590	523	446	354	229																												
5	4PD5M100S81M	100.0/75.0	200	1	859	820	779	736	691	643	590	533	469	396	306	180																										
6	4PD5M100S82H	100.0/75.0	200	2			595	577	558	538	518	497	476	453	429	404	377	348	316	281	242	195	134																			
7	4PD6M120S121M	120.0/90.0	300	1		837	804	770	735	698	658	617	572	524	471	412	343	257	129																							
8	4PD6M120S122H	120.0/90.0	300	2						641	623	604	585	565	544	523	500	476	452	425	398	368	335	299	258	210	146															
9	4PD6M135S121M	135.0/100.5	300	1			810	785	759	732	703	674	644	612	578	542	504	463	418	367	309	239	139																			
10	4PD6M135S122H	135.0/100.5	300	2						714	696	677	658	639	619	598	577	555	531	507	482	455	427	397	364	328	289	187	109													
11	4PD6M150S121L	150.0/111.5	300	1	1362	1264	1158	1042	912	760	572	290																														
12	4PD6M150S121M	150.0/111.5	300	1			857	832	807	782	755	728	700	670	639	607	572	536	497	455	409	357	297	222	110																	
13	4PD6M150S121MH	150.0/111.5	300	1						679	664	648	631	614	597	579	561	542	522	501	480	458	434	410	384	356	292	255	212	78												
14	4PD6M150S122H	150.0/111.5	300	2									449	440	432	423	414	405	396	387	377	367	357	347	336	325	301	289	276	248	217	180	135	68								
15	4PD6M175S121L	175.0/130.0	300	1	1448	1374	1295	1211	1121	1024	917	796	654	474	174																											
16	4PD6M175S121M	175.0/130.0	300	1								831	807	781	755	727	698	668	636	602	566	526	483	434	377	305	187															
17	4PD6M175S121MH	175.0/130.0	300	1									674	660	645	630	615	600	584	568	551	533	516	497	478	458	437	392	368	341	282	209	93									
18	4PD6M175S122H	175.0/130.0	300	2													466	457	448	439	430	420	410	400	390	379	356	344	331	304	273	192	119									
19	4PD6M200S161L	200.0/150.0	400	1	1524	1463	1399	1332	1262	1188	1109	1024	932	830	714	577	398																									
20	4PD6M200S121M	200.0/150.0	300	1										845	825	803	781	759	735	711	686	659	617	602	571	538	502	462	366	301	200											
21	4PD6M200S121MH	200.0/150.0	300	1													638	625	612	599	585	571	557	542	526	510	493	458	438	418	373	319	246									
22	4D6M200S122H	200.0/150.0	300	2																																						



Performance Curves • 1450 / 1750 RPM

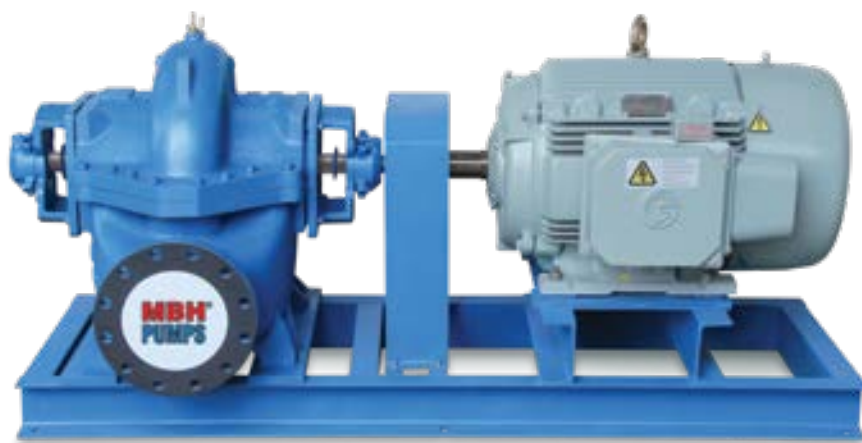




- HVAC systems
- Water transfer applications
- Industrial water applications
- Municipal overhead tank applications

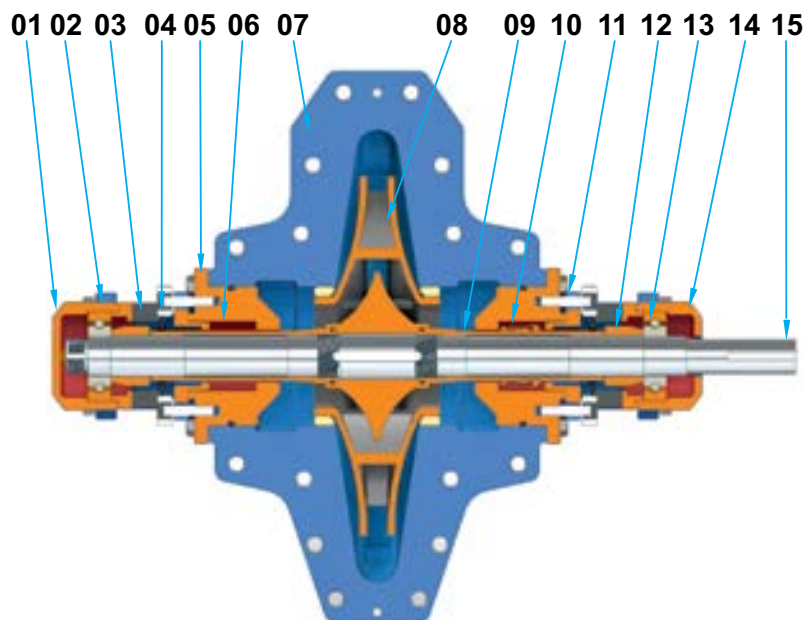
Flow rate upto 800 m³/hr
Maximum head 100 m

Impeller MOC available with
bronze, stainless steel 304/316
Variable mechanical seal options
available Compatible with VFD



Horizontal Split Casing Pumps

Cross Section

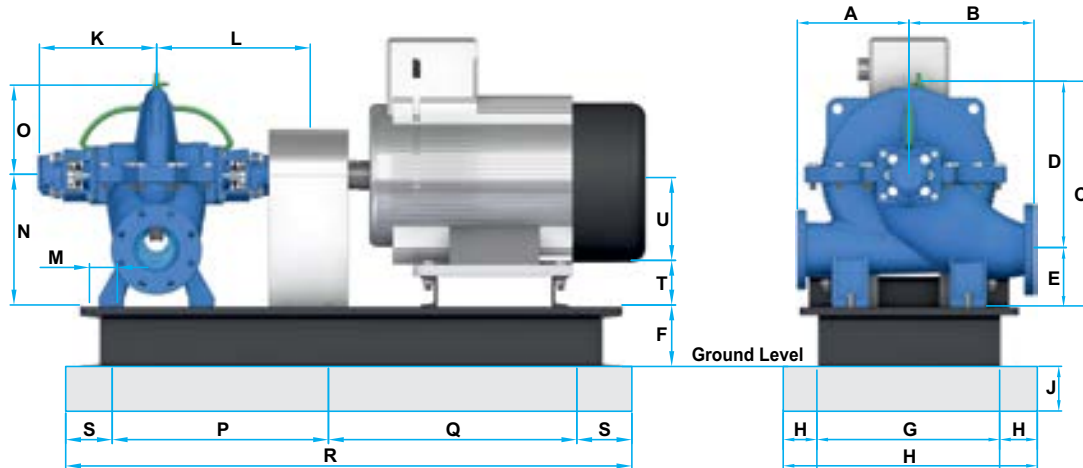


NO.	DESCRIPTION	MATERIAL
01	BOTTOM BRG. COVER	C.I. IS-210 FG-260
02	BALL BEARING	FAG. (GREASE LUB.)
03	OIL SEAL	NI. RUBBER
04	RUBBER DEFLECTOR	NI. RUBBER
05	STUFFING BOX	C.I. IS-210 FG-260
06	MECH. SEAL	SIC / SIC
07	PUMP CASING	C.I. IS-210 FG-260
08	IMPELLER	C.I. IS-210 FG-260
09	SLEEVE	S.S. 410
10	MECH. SEAL	SIC / SIC
11	SEAL COVER	C.I. IS-210 FG-260
12	DISTANCE PIECE	C.I.
13	BALL BEARING	FAG. (GREASE LUB.)
14	UPPER BRG. COVER	C.I. IS-210 FG-260
15	PUMP SHAFT	S.S. 410
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		



Horizontal Split Casing Pumps

GA Drawing


1450 / 1750 RPM

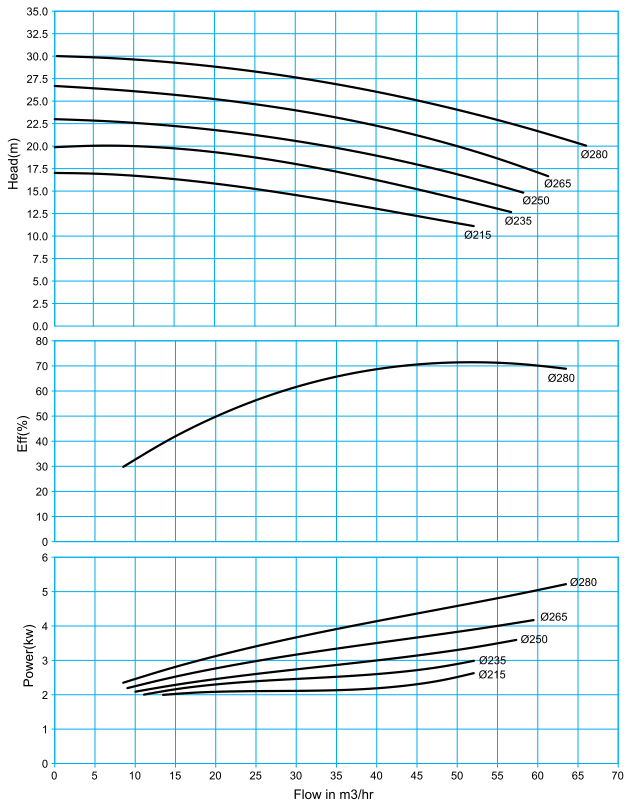
All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	SUC. SIZE	DEL. SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	WEI- GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
M-50-80	5.0	112M	80	50	257	280	478	355	123	75	412	150	712	450	290	361	93	270	200	467	467	1234	150	165	112	88	51x27x30	330
	7.5	132S	80	50	257	280	482	355	127	75	412	150	712	450	290	361	93	270	200	494	494	1288	150	150	132	88	53x27x30	363
	10.0	132M	80	50	257	280	482	355	127	75	412	150	712	450	290	361	93	270	200	512	512	1324	150	150	132	88	55x27x30	372
H-80-100	20.0	160L	100	80	285	340	596	450	146	75	450	150	750	450	316	410	114	309	277	627	627	1554	150	159	160	173	64x31x34	605
	25.0	180M	100	80	285	340	598	450	148	75	450	150	750	450	316	410	114	309	277	637	637	1574	150	140	180	173	64x31x34	618
	30.0	180L	100	80	285	340	596	450	146	75	450	150	750	450	316	410	114	309	277	656	656	1612	150	140	180	173	66x31x34	627
M-100-150	10.0	132M	150	100	232	310	568	396	172	75	306	150	606	450	316	392	115	318	236	546	546	1392	150	200	132	180	57x27x33	480
	12.5	160M	150	100	232	310	570	396	174	75	346	150	646	450	316	392	115	318	236	596	596	1492	150	175	160	180	61x27x33	558
	15.0	160M	150	100	232	310	570	396	174	75	346	150	646	450	316	392	115	318	236	596	596	1492	150	175	160	180	61x27x33	559
H-100-125	20.0	160L	150	100	232	310	570	396	174	75	346	150	646	450	316	392	115	318	236	618	618	1536	150	175	160	180	63x27x33	578
	15.0	160M	125	100	308	345	638	468	170	75	431	150	731	450	327	421	114	365	260	622	622	1544	150	215	160	150	68x32x36	569
	20.0	160L	125	100	308	345	638	468	170	75	431	150	731	450	327	421	114	365	260	644	644	1588	150	215	160	150	64x32x36	593
	25.0	180M	125	100	308	345	643	468	175	75	431	150	731	450	327	421	114	365	260	655	655	1610	150	200	180	150	65x32x36	614
	30.0	180L	125	100	308	345	643	468	175	75	431	150	731	450	327	421	114	365	260	674	674	1648	150	200	180	150	67x32x36	630
M-125-150	40.0	200L	125	100	308	345	638	468	170	75	431	150	731	450	327	421	114	365	260	708	708	1716	150	175	200	150	69x32x36	709
	15.0	160M	150	125	292	310	603	424	179	75	450	150	750	450	318	374	114	350	238	599	599	1498	150	205	160	200	60x30x35	607
	20.0	160L	150	125	292	320	603	424	179	75	450	150	750	450	318	374	114	350	238	621	621	1542	150	205	160	200	62x30x35	631
	25.0	180M	150	125	292	320	608	424	184	75	450	150	750	450	318	374	114	350	238	632	632	1564	150	190	180	200	63x30x35	651
H-125-150	30.0	180L	150	125	292	320	608	424	184	75	450	150	750	450	318	374	114	350	238	651	651	1602	150	190	180	200	64x30x35	667
	30.0	180L	150	125	339	320	715	536	179	100	474	150	774	450	325	421	121	405	295	673	673	1646	150	240	180	285	67x32x40	798
	40.0	200L	150	125	339	372	715	536	179	100	474	150	774	450	325	421	121	405	295	706	706	1712	150	220	200	285	69x34x40	904
	50.0	225S	150	125	339	372	720	536	184	100	474	150	774	450	325	421	121	405	295	762	762	1824	150	200	225	285	74x34x40	1013
	60.0	225M	150	125	339	372	720	536	184	100	474	150	774	450	325	421	121	405	295	787	787	1874	150	200	225	285	76x34x40	1031
M-150-200	75.0	250M	150	125	339	372	720	536	184	100	520	150	820	450	325	421	121	405	295	714	714	1728	150	175	250	285	70x34x40	1120
	25.0	180M	200	150	319	371	738	524	214	75	460	150	760	450	405	500	118	440	283	733	733	1766	150	275	180	278	73x33x40	785
	30.0	180L	200	150	319	371	738	524	214	75	460	150	760	450	405	500	118	440	283	767	767	1834	150	275	180	278	76x33x40	801
H-150-200	40.0	200L	200	150	319	371	748	524	224	75	460	150	760	450	405	500	118	440	283	697	697	1694	150	265	200	278	70x33x40	890
	25.0	180M	200	150	311	410	696	490	206	75	460	150	760	450	389	483	115	394	276	716	716	1732	150	240	180	310	72x34x38	828
	30.0	180L	200	150	311	410	696	490	206	75	460	150	760	450	389	483	115	394	276	750	750	1800	150	240	180	310	74x34x38	836
	40.0	200L	200	150	311	410	690	490	200	75	460	150	760	450	389	483	115	394	276	805	805	1910	150	214	200	310	79x34x38	940
M-200-200	50.0	225S	200	150	311	410	691	490	201	75	460	150	760	450	389	483	115	394	276	783	783	1866	150	190	225	310	77x34x38	1028
	30.0	180L	200	200	350	450	830	549	281	100	505	150	805	450	475	562	135	513	299	816	816	1932	150	350	180	400	81x37x45	1007
	40.0	200L	200	200	350	450	832	549	283	100	505	150	805	450	475	562	135	513	299	872	872	2044	150	333	200	400	85x37x45	1128
	50.0	225S	200	200	350	450	832	549	283	100	505	150	805	450	475	562	135	513	299	872	872	2044	150	308	225	400	85x37x45	1224
	60.0	225M	200	200	350	450	832	549	283	100	505	150	805	450	475	562	135	513	299	897	897	2094	150	308	225	400	87x37x45	1236
H-200-200	75.0	250M	200	200	350	450	832	549	283	100	520	150	820	450	475	562	135	513	299	846	846	1992	150	283	250	400	83x37x45	1324
	60.0	225M	200	200	364	471	733	523	210	100	534	150	834	450	426	512	118	410	298	871	871	2042	150	210	225	380	83x39x41	1186
	75.0	250M	200	200	364	471	738	523	215	100	534	150	834	450	426	512	118	410	298	921	921	2142	150	190	250	380	87x39x41	1307
	100.0	280S	200	200	364	471	728	523	205	100	588	150	888	450	426	512	118	410	298	921	921	2142	150	150	280	380	87x39x41	1500
	110.0	280M	200	200	364	471	728	523	205	100	588	150	888	450	426	512	118	410	298	921	921	2142	150	150	280	380	87x39x41	1521
	130.0	280M	200	200	364	471	728	523	205	100	588	150	888	450	426	512	118	410	298	921	921	2142	150	150	280	380	87x39x41	1521

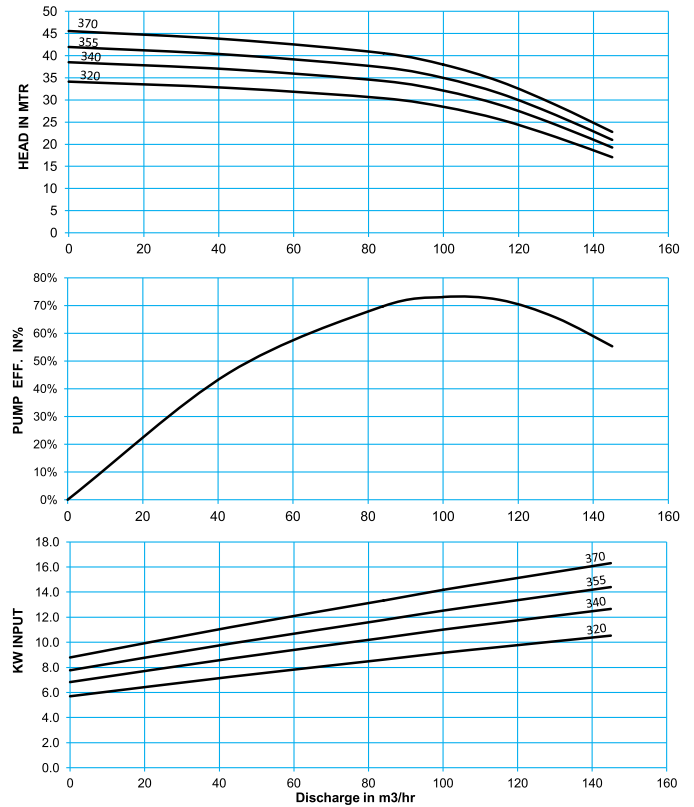
Horizontal Split Casing Pumps

Performance Curves • 1450 / 1750 RPM

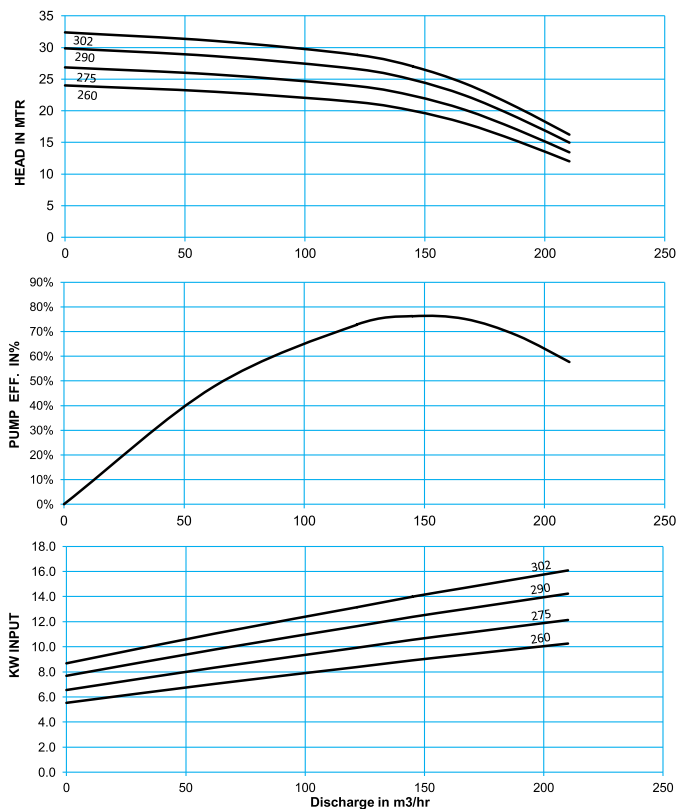
Model : MBH-M-50-80



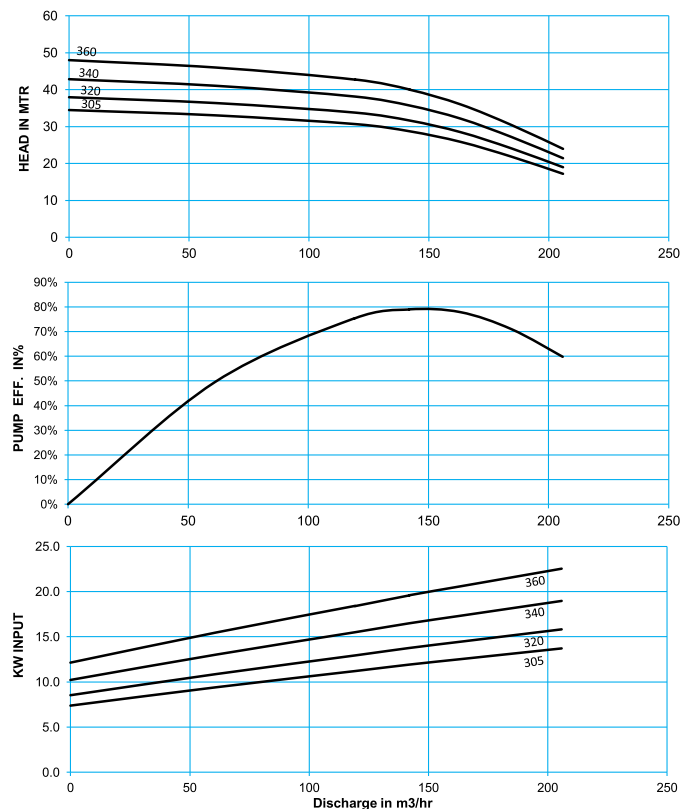
Model : MBH-H-80-100



Model : MBH-M-100-150



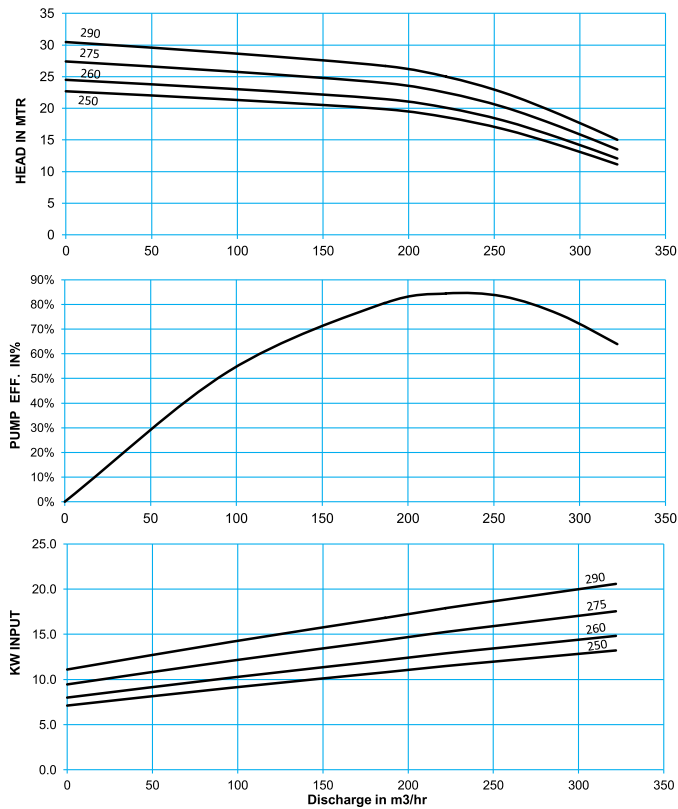
Model : MBH-H-100-125



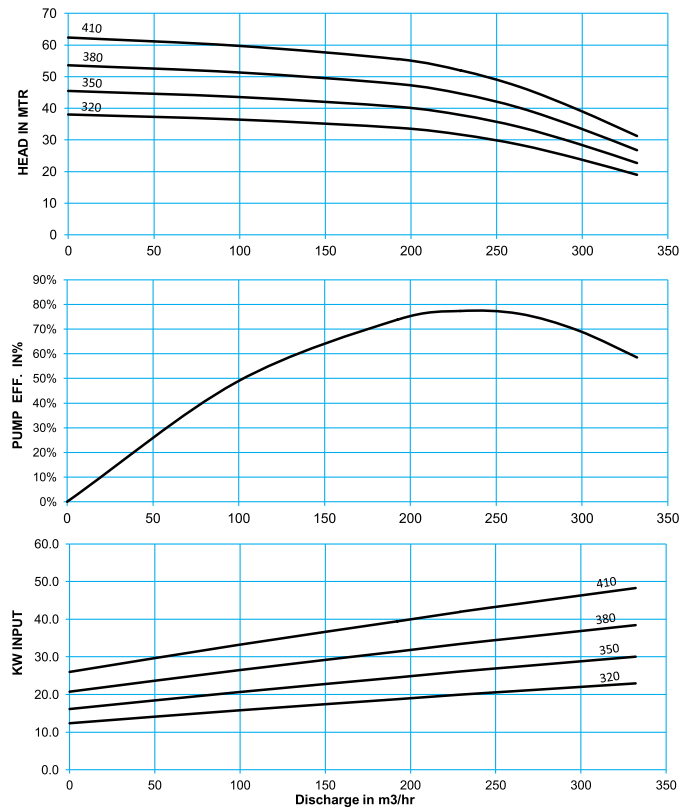
Horizontal Split Casing Pumps

Performance Curves • 1450 / 1750 RPM

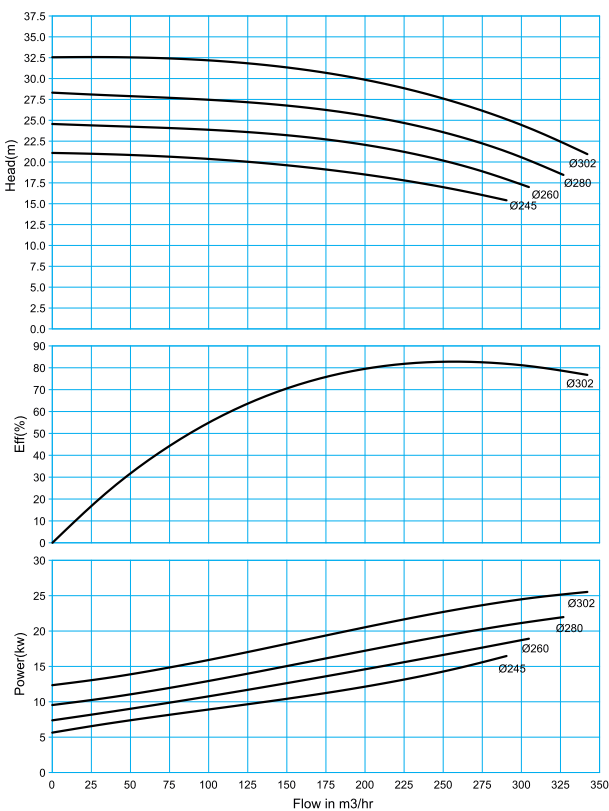
Model : MBH-M-125-150



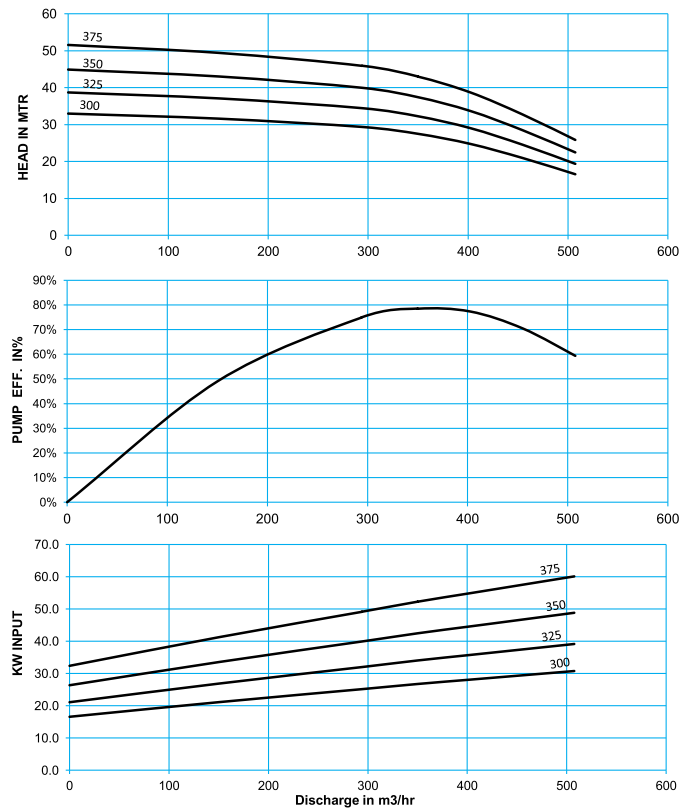
Model : MBH-H-125-150



Model : MBH-M-150-200



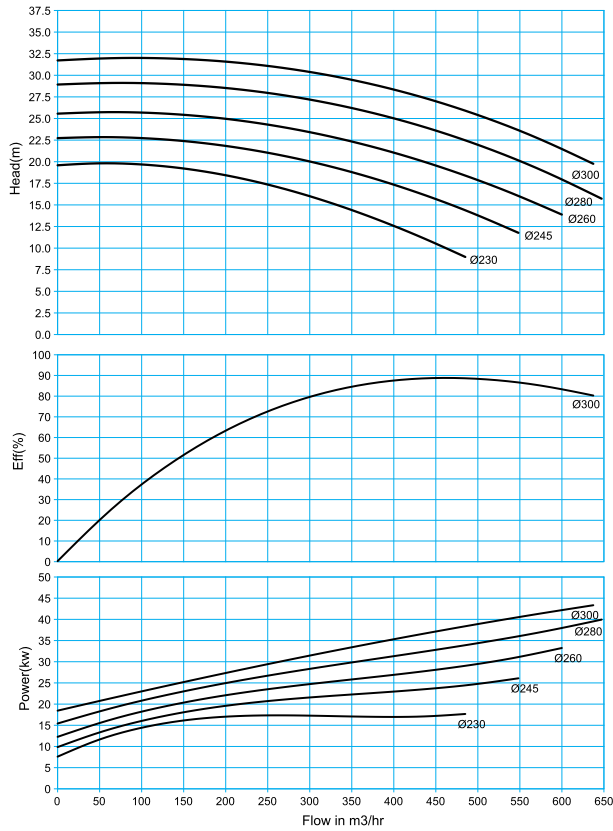
Model : MBH-H-150-200



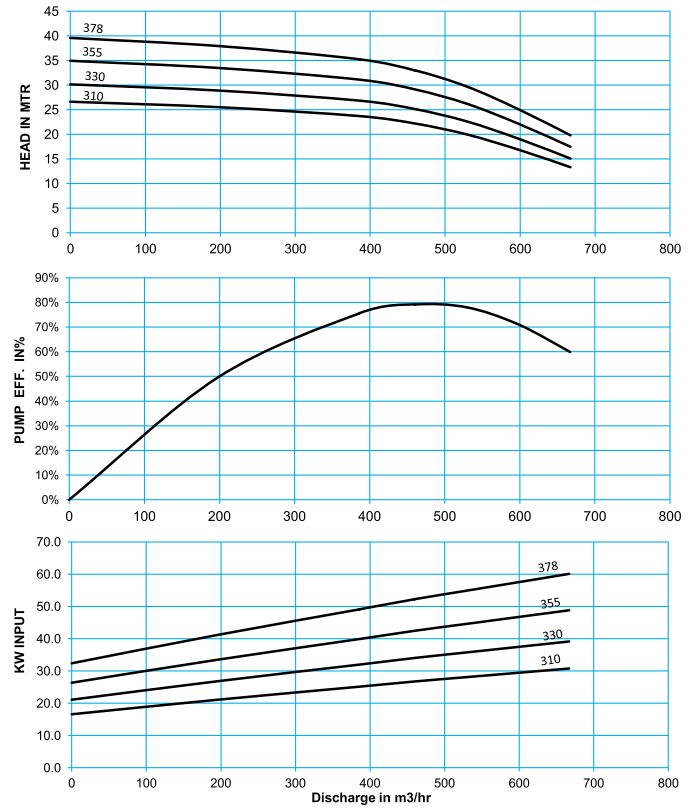
Horizontal Split Casing Pumps

Performance Curves • 1450 / 1750 RPM

Model : MBH-M-200-200



Model : MBH-H-200-200



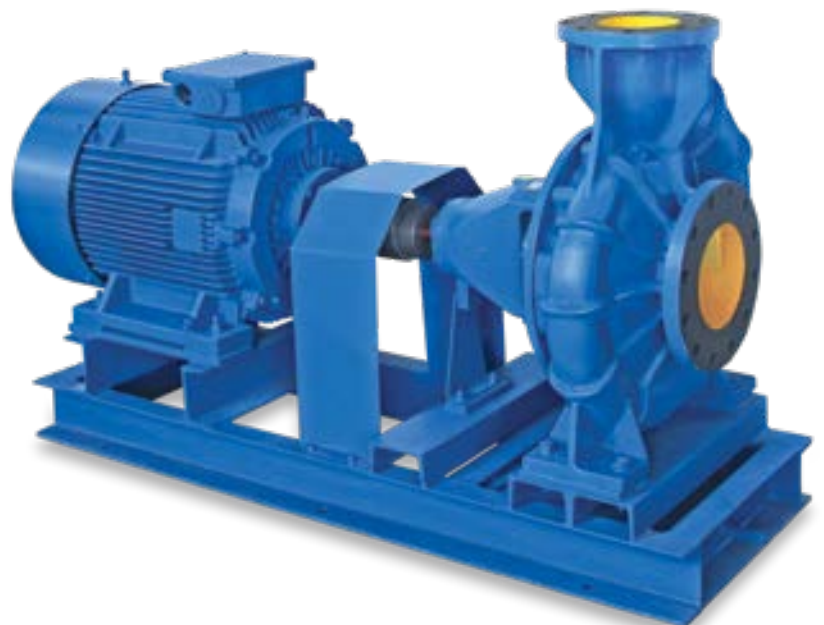


*Versatile, really robust
and definitely reliable*

- Fire fighting systems
- HVAC systems
- Water transfer applications
- Industrial water applications

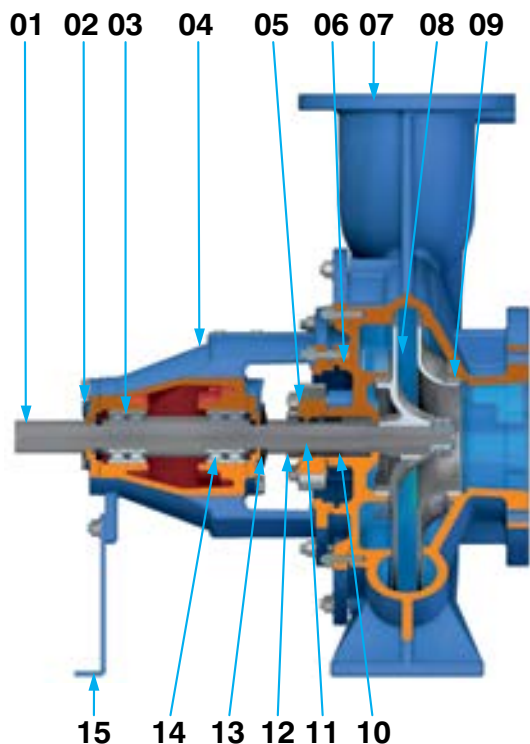
Flow rate upto 600 m³/hr
Maximum head 102 m

Impeller MOC available with bronze,
stainless steel 304/316 Variable
mechanical seal options available
Compatible with VFD



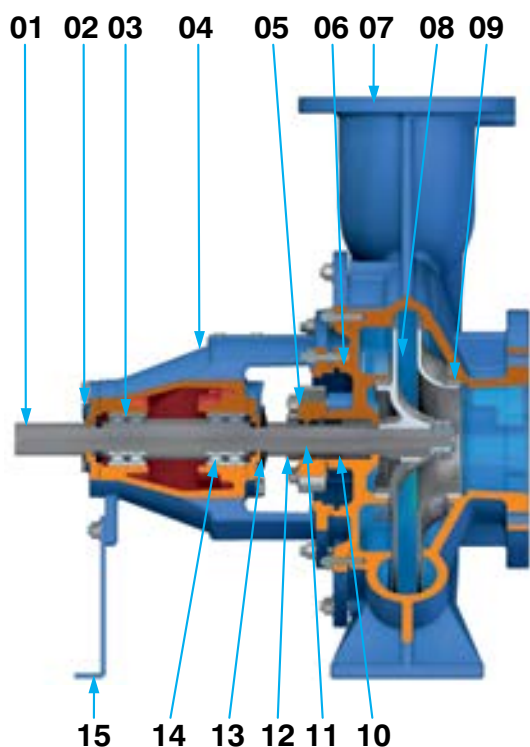
Centrifugal Backpull Out Pumps

Cross Section with Mech. Seal



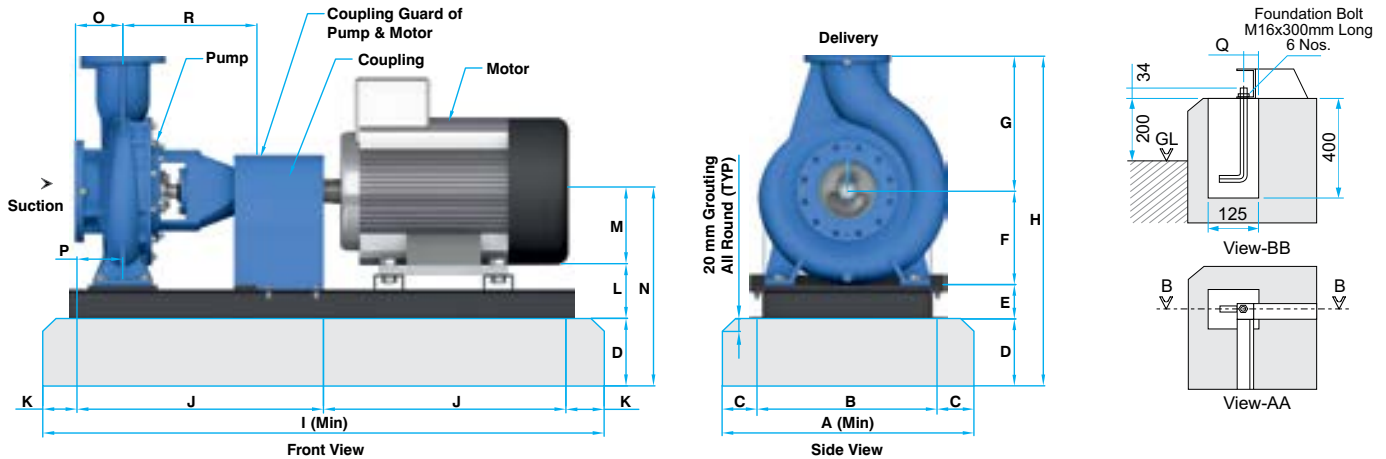
NO.	DESCRIPTION	MATERIAL
1	PUMP SHAFT	S.S. 410
2	BEARING COVER	C.I. IS-210 FG-260
3	BALL BEARING (N.D.E.)	FAG.(GREASE LUB.)
4	BEARING HOUSING	C.I. IS-210, FG260
5	SEAL COVER	C.I. / S.S. IS-210, FG260
6	STUFFING BOX COVER	C.I. / S.S. IS-210, FG260
7	VOLUTE CASING	C.I. / S.S. IS-210, FG260
8	IMPELLER	C.I. / S.S. IS-210, FG260
9	NECK RING	C.I. / S.S. IS-210, FG260
10	MECH. SEAL	CR / SIC
11	SHAFT SLEEVE	S.S. 410
12	OIL SEAL	NI. RUBBER
13	RUBBER DEFLECTOR	NI. RUBBER
14	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
15	SUPPORT FOOT	M.S.
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section with Gland Packing



NO.	DESCRIPTION	MATERIAL
1	PUMP SHAFT	S.S. 410
2	BEARING COVER	C.I. IS-210 FG-260
3	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
4	BEARING HOUSING	C.I. IS-210, FG260
5	GLAND COVER	C.I. / S.S. IS-210, FG260
6	STUFFING BOX COVER	C.I. / S.S. IS-210, FG260
7	VOLUTE CASING	C.I. / S.S. IS-210, FG260
8	IMPELLER	C.I. / S.S. IS-210, FG260
9	NECK RING	C.I. / S.S. IS-210, FG260
10	GLAND PACKING	ASBESTOS GRAPHITE
11	SHAFT SLEEVE	S.S. 410
12	OIL SEAL	NI. RUBBER
13	RUBBER DEFLECTOR	NI. RUBBER
14	BALL BEARING (D.E.)	FAG.(GREASE LUB.)
15	SUPPORT FOOT	M.S.
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



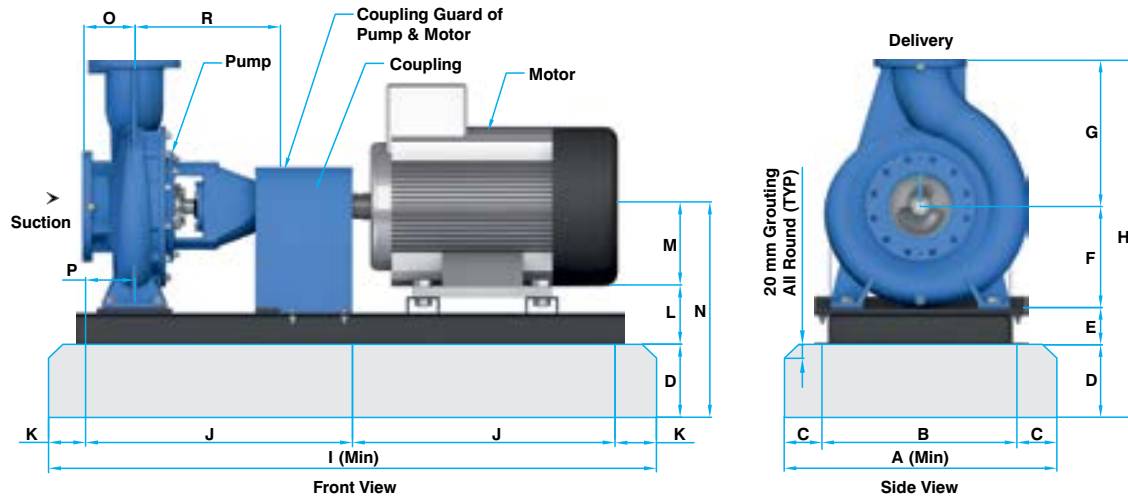
1450 / 1750 RPM

All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU-PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
32/13	0.50	71	O95	536	236	150	450	85	112	140	787	962	331	150	126	71	647	80	70	50	360	72	35x20x24	129
40/13	0.50	71	O95	536	236	150	450	85	112	140	787	962	331	150	126	71	647	80	70	50	360	98	35x20x24	155
	1.00	80	O95	556	256	150	450	83	112	140	785	1024	362	150	115	80	645	80	70	50	360	108	37x21x24	168
50/13	0.50	71	O95	586	286	150	450	89	132	160	831	972	336	150	150	71	671	100	80	50	360	80	35x22x26	142
	0.75	80	O95	586	286	150	450	88	132	160	830	1034	367	150	140	80	670	100	80	50	360	93	38x22x26	158
	1.00	80	O95	586	286	150	450	88	132	160	830	1034	367	150	140	80	670	100	80	50	360	93	38x22x26	158
	1.50	90S	O95	586	286	150	450	83	132	160	825	1076	388	150	125	90	665	100	80	50	360	101	39x22x26	166
65/13	1.00	80	O95	626	326	150	450	85	160	180	875	1036	368	150	165	80	695	100	82	50	360	101	38x24x28	176
	1.50	90S	O95	626	326	150	450	85	160	180	875	1078	389	150	155	90	695	100	82	50	360	111	40x24x28	190
32/16	0.50	71	O95	586	286	150	450	89	132	160	831	964	332	150	150	71	671	80	70	50	360	81	35x22x26	143
	0.75	80	O95	586	286	150	450	88	132	160	830	1024	362	150	140	80	670	80	70	50	360	94	37x22x26	159
40/16	0.50	71	O95	586	286	150	450	89	132	160	831	964	332	150	150	71	671	80	70	50	360	82	35x22x26	144
	0.75	80	O95	586	286	150	450	88	132	160	830	1026	363	150	140	80	670	80	70	50	360	95	38x22x26	160
	1.00	80	O95	586	286	150	450	88	132	160	830	1026	363	150	140	80	670	80	70	50	360	95	38x22x26	160
50/16	0.75	80	O95	616	316	150	450	85	160	180	875	1036	368	150	165	80	695	100	80	50	360	100	38x23x28	175
	1.00	80	O95	616	316	150	450	85	160	180	875	1036	368	150	165	80	695	100	80	50	360	100	38x23x28	175
	1.50	90S	O95	616	316	150	450	85	160	180	875	1078	389	150	155	90	695	100	80	50	360	110	40x23x28	188
	2.00	90L	O95	616	316	150	450	85	160	180	875	1108	404	150	155	90	695	100	80	50	360	116	41x23x28	194
65/16	0.75	80	O95	626	326	150	450	85	160	200	895	1036	368	150	165	80	695	100	82	50	360	108	38x24x28	183
	1.00	80	O95	626	326	150	450	85	160	200	895	1036	368	150	165	80	695	100	82	50	360	108	38x24x28	183
	1.50	90S	O95	626	326	150	450	85	160	200	895	1078	389	150	155	90	695	100	82	50	360	118	40x24x28	197
	2.00	90L	O95	626	326	150	450	85	160	200	895	1110	405	150	155	90	695	100	82	50	360	124	41x24x28	203
80/16	3.00	100L	O95	626	326	150	450	90	160	200	900	1110	405	150	150	100	700	100	82	50	360	131	41x24x29	212
	1.50	90S	O95	660	360	150	450	85	180	225	940	1102	401	150	175	90	715	125	105	50	360	130	41x25x30	214
	2.00	90L	O95	660	360	150	450	87	180	225	942	1132	416	150	177	90	717	125	105	50	360	136	42x25x30	220
	3.00	100L	O95	660	360	150	450	95	180	255	980	1132	416	150	175	100	725	125	105	50	360	146	42x25x32	233
32/20	5.00	112M	O95	660	360	150	450	90	180	255	975	1158	429	150	158	112	720	125	105	50	360	161	43x25x32	252
	0.50	71	O95	586	286	150	450	85	160	180	875	964	332	150	174	71	695	80	70	50	360	91	35x22x28	157
	0.75	80	O95	591	291	150	450	85	160	180	875	1014	357	150	165	80	695	80	80	50	360	102	37x22x28	172
	1.00	80	O95	591	291	150	450	85	160	180	875	1014	357	150	165	80	695	80	80	50	360	102	37x22x28	172
32/20	1.50	90S	O95	586	286	150	450	85	160	180	875	1068	384	150	155	90	695	80	70	50	360	112	39x22x28	182

Centrifugal Backpull Out Pumps

GA Drawing



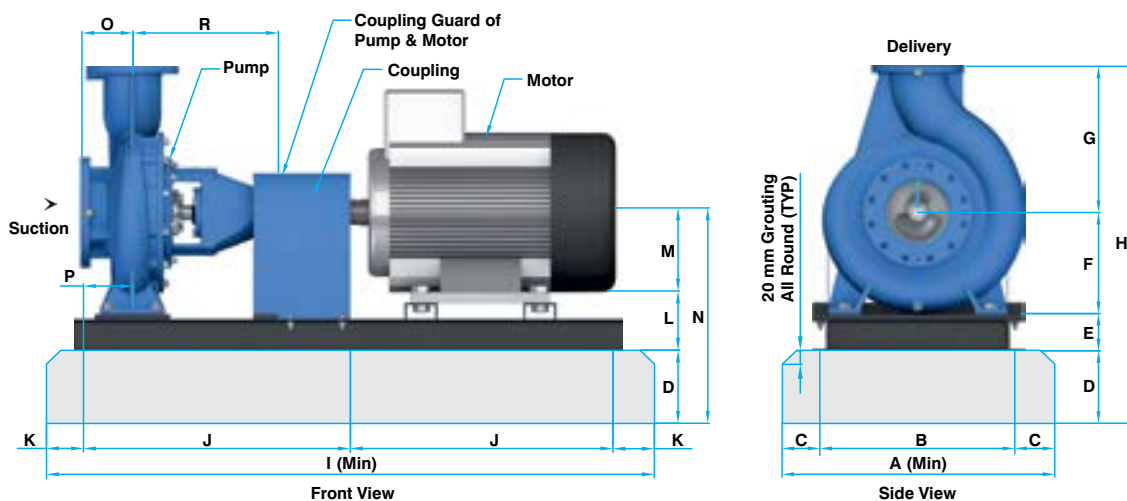
1450 / 1750 RPM

All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU-PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
40/20	0.75	80	O95	611	311	150	450	85	160	180	875	1036	368	150	165	80	695	100	80	50	360	105	38x23x28	179
	1.00			611	311	150	450	85	160	180	875	1036	368	150	165	80	695	100	80	50	360	105	37x23x28	179
	1.50	90S	O95	611	311	150	450	85	160	180	875	1076	388	150	155	90	695	100	80	50	360	115	39x23x28	189
	2.00	90L	O95	611	311	150	450	85	160	180	875	1108	404	150	155	90	695	100	80	50	360	120	41x23x28	198
50/20	1.00	80	O95	611	311	150	450	85	160	200	895	1030	365	150	165	80	695	95	75	50	360	109	38x23x28	183
	1.50	90S	O95	611	311	150	450	85	160	200	895	1072	386	150	155	90	695	95	75	50	360	119	39x23x28	193
	2.00	90L	O95	611	311	150	450	85	160	200	895	1102	401	150	155	90	695	95	75	50	360	124	41x23x28	202
	3.00	100L	O95	611	311	150	450	90	160	200	900	1102	401	150	150	100	700	95	75	50	360	131	41x23x29	211
65/20	1.00	80	O95	666	366	150	450	85	180	225	940	1038	369	150	185	80	715	100	82	50	360	119	38x25x30	199
	1.50	90S	O95	666	366	150	450	85	180	225	940	1080	390	150	175	90	715	100	82	50	360	129	40x25x30	213
	3.00	100L	O95	666	366	150	450	95	180	225	950	1110	405	150	175	100	725	100	82	50	360	145	41x25x31	231
32/26	1.00	80	O95	666	366	150	450	85	180	225	940	1038	369	150	185	80	715	100	82	50	360	117	38x25x30	197
	1.50	90S	O95	666	366	150	450	85	180	225	940	1080	390	150	175	90	715	100	82	50	360	127	40x25x30	211
	2.00	90L	O95	666	366	150	450	85	180	225	940	1110	405	150	175	90	715	100	82	50	360	132	41x25x30	216
	3.00	100L	O95	666	366	150	450	95	180	225	950	1110	405	150	175	100	725	100	82	50	360	143	41x25x31	227
40/26	1.00	80	O95	666	366	150	450	85	180	225	940	1038	369	150	185	80	715	100	82	50	360	126	38x25x30	206
	1.50	90S	O95	666	366	150	450	85	180	225	940	1080	390	150	175	90	715	100	82	50	360	136	40x23x28	220
	2.00	90L	O95	666	366	150	450	85	180	225	940	1110	405	150	175	90	715	100	82	50	360	141	41x25x30	225
	3.00	100L	O95	666	366	150	450	95	180	225	950	1110	405	150	175	100	725	100	82	50	360	152	41x25x31	238
	5.00	112M	O95	666	366	150	450	90	180	225	945	1134	417	150	158	112	720	100	82	50	360	167	42x25x30	251
50/26	3.00	100L	O95	666	366	150	450	95	180	225	950	1110	405	150	175	100	725	100	82	50	360	149	41x25x31	233
	5.00	112M	O95	666	366	150	450	90	180	225	945	1134	417	150	158	112	720	100	82	50	360	164	42x25x30	248
	7.50	132S	100	666	366	150	450	85	180	225	940	1200	450	150	133	132	715	100	82	50	360	188	44x25x30	275
80/20	3.00	100L	100	691	391	150	450	95	180	250	975	1242	471	150	175	100	725	125	105	50	470	171	46x26x32	271
	5.00	112M	100	691	391	150	450	90	180	250	970	1268	484	150	158	112	720	125	105	50	470	186	47x26x31	284
	7.50	132S	100	692	392	150	450	83	180	250	963	1360	530	150	131	132	713	125	113	50	470	209	51x26x31	317
100/20	3.00	100L	100	706	406	150	450	90	200	280	1020	1242	471	150	190	100	740	125	105	50	470	191	46x27x33	295
	5.00	112M	100	706	406	150	450	93	200	280	1023	1268	484	150	181	112	743	125	105	50	470	210	47x27x33	314
	7.50	132S	100	706	406	150	450	90	200	280	1020	1330	515	150	158	132	740	125	105	50	470	231	49x27x33	340
	10.00	132M	100	676	376	150	450	90	200	280	1020	1398	549	150	158	132	740	125	115	50	470	235	52x26x33	351

Centrifugal Backpull Out Pumps

GA Drawing

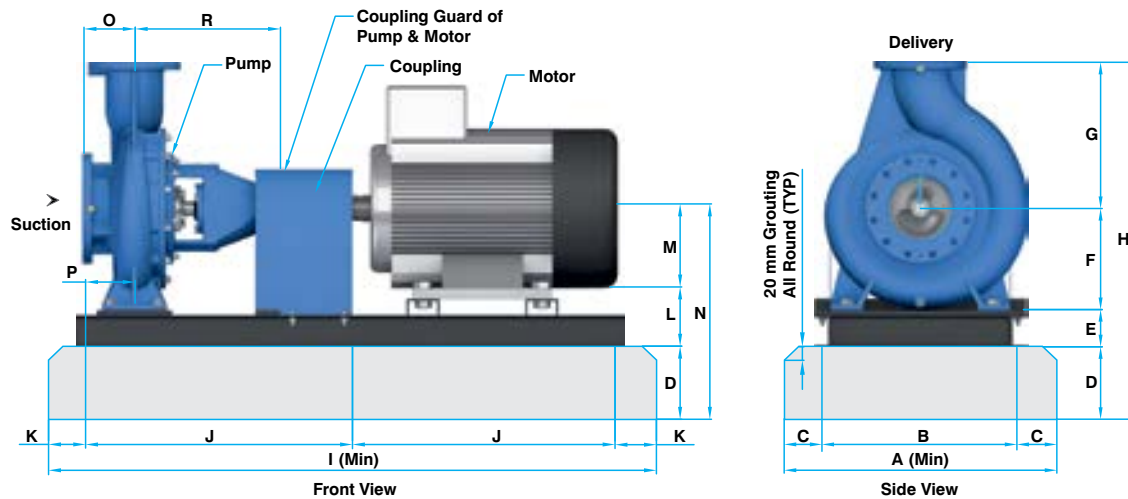


1450 / 1750 RPM

All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU-PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
65/26	5.00	112M	100	706	406	150	450	93	200	250	993	1264	482	150	181	112	743	100	100	50	470	201	47x27x32	304
	7.50	132S	100	706	406	150	450	90	200	250	990	1324	512	150	158	132	740	100	100	50	470	222	49x27x32	329
	10.00	132M	100	706	406	150	450	90	200	250	990	1360	530	150	158	132	740	100	100	50	470	227	51x27x32	340
80/26	5.00	112M	100	746	446	150	450	93	200	280	1023	1268	484	150	181	112	743	125	105	50	470	213	47x28x33	319
	7.50	132S	100	746	446	150	450	90	200	280	1020	1330	515	150	158	132	740	125	105	50	470	234	49x27x33	344
	10.00	132M	100	746	446	150	450	90	200	280	1020	1366	533	150	158	132	740	125	105	50	470	238	51x28x33	354
	12.50	160M	100	746	446	150	450	90	200	280	1020	1466	583	150	130	160	740	125	105	50	470	313	55x28x33	437
100/26	7.50	132S	100	746	446	150	450	90	225	280	1045	1314	507	150	183	132	765	140	105	50	470	247	49x28x34	359
	10.00	132M	100	766	466	150	450	90	225	280	1045	1380	540	150	183	132	765	140	115	50	470	253	51x29x34	377
	12.50	160M	110	702	402	150	450	85	225	280	1040	1470	585	150	150	160	760	140	120	50	470	315	55x27x34	440
	15.00			702	402	150	450	85	225	280	1040	1470	585	150	150	160	760	140	120	50	470	315	55x27x34	440
	20.00	160L	110	746	446	150	450	85	225	280	1040	1524	612	150	150	160	760	140	110	50	470	336	57x28x34	461
125/26	10.00	132M	100	706	406	150	450	90	250	355	1145	1382	541	150	208	132	790	140	120	50	470	253	52x28x38	386
	12.50	160M	110	746	446	150	450	85	250	355	1140	1482	591	150	175	160	785	140	120	50	470	332	55x28x38	471
	15.00			746	446	150	450	85	250	355	1140	1482	591	150	175	160	785	140	120	50	470	290	55x28x38	429
	20.00	160L	110	730	430	150	450	85	250	335	1120	1516	608	150	175	160	785	140	118	50	470	349	57x28x37	485
	25.00	180M	110	706	406	150	450	90	250	355	1145	1550	625	150	160	180	790	140	120	50	470	372	58x28x38	514
65/32	5.00	112M	O95	730	430	150	450	87	225	280	1042	1262	481	150	200	112	762	125	95	50	470	216	47x28x34	324
	10.00	132M	100	711	411	150	450	87	225	280	1042	1400	550	150	180	132	762	125	105	50	470	242	52x27x34	363
	12.50	160M	110	730	430	150	450	85	225	280	1040	1460	580	150	150	160	760	125	95	50	470	311	55x27x34	438
	15.00			730	430	150	450	85	225	280	1040	1460	580	150	150	160	760	125	95	50	470	311	55x28x34	438
80/32	10.00	132M	100	730	430	150	450	90	250	315	1105	1360	530	150	208	132	790	125	95	50	470	266	51x28x37	393
	12.50	160M	110	730	430	150	450	85	250	315	1100	1462	581	150	175	160	785	125	95	50	470	331	55x28x37	467
	15.00			730	430	150	450	85	250	315	1100	1462	581	150	175	160	785	125	95	50	470	331	55x28x37	467
	20.00	160L	110	730	430	150	450	85	250	315	1100	1506	603	150	175	160	785	125	95	50	470	349	56x28x37	485
	25.00	180M	110	730	430	150	450	90	250	315	1105	1530	615	150	160	180	790	125	95	50	470	373	57x28x37	509
100/32	12.50	160M	110	730	430	150	450	85	250	315	1100	1472	586	150	175	160	785	140	95	50	470	335	55x28x37	471
	15.00			730	430	150	450	85	250	315	1100	1472	586	150	175	160	785	140	95	50	470	335	55x28x37	471
	20.00	160L	110	730	430	150	450	85	250	315	1100	1516	608	150	175	160	785	140	95	50	470	353	57x28x37	489
	25.00	180M	110	730	430	150	450	90	250	315	1105	1540	620	150	160	180	790	140	95	50	470	378	58x28x37	519

GA Drawing

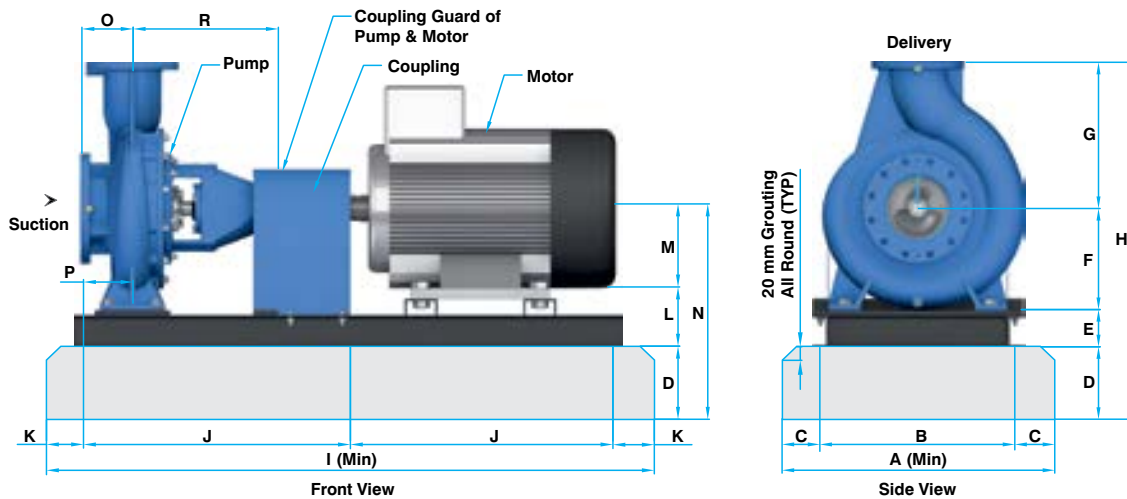


1450 / 1750 RPM

All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU-PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
125/32	15.00	160M	110	810	510	150	450	120	280	355	1205	1540	620	150	240	160	850	140	125	50	530	410	58x32x41	571
	20.00	160L	110	810	510	150	450	120	280	355	1205	1584	642	150	240	160	850	140	125	50	530	429	59x32x41	590
	25.00	180M	110	810	510	150	450	115	280	355	1200	1610	655	150	215	180	845	140	125	50	530	439	61x32x40	602
	30.00	180L	150	810	510	150	450	115	280	355	1200	1648	674	150	215	180	845	140	125	50	530	450	62x32x40	613
	40.00	200L	190	810	510	150	450	120	280	355	1205	1714	707	150	200	200	850	140	125	50	530	541	65x32x41	712
100/40	20.00	160L	110	810	510	150	450	120	280	355	1205	1584	642	150	240	160	850	140	125	50	530	390	59x32x41	551
	25.00	180M	110	810	510	150	450	115	280	355	1200	1610	655	150	215	180	845	140	125	50	530	400	61x32x40	563
	30.00	180L	110	810	510	150	450	115	280	355	1200	1648	674	150	215	180	845	140	125	50	530	411	62x32x40	574
	40.00	200L	190	810	510	150	450	120	280	355	1205	1714	707	150	200	200	850	140	125	50	530	502	65x32x41	673
	50.00	225S	190	810	510	150	450	120	280	355	1205	1834	767	150	175	225	850	140	125	50	530	604	69x32x41	780
125/40	30.00	180L	150	810	510	150	450	120	315	400	1285	1648	674	150	255	180	885	140	125	50	530	442	62x32x44	616
	40.00	200L	190	810	510	150	450	115	315	400	1280	1716	708	150	230	200	880	140	125	50	530	543	65x32x44	722
	50.00	225S	190	810	510	150	450	120	315	400	1285	1834	767	150	210	225	885	140	125	50	530	651	69x32x44	836
	60.00	225M	190	810	510	150	450	120	315	400	1285	1804	752	150	210	225	885	140	125	50	530	660	68x32x44	845
	75.00	250M	225	810	510	150	450	120	315	400	1285	1886	793	150	185	250	885	140	125	50	530	770	71x32x44	960
150/32	25.00	180 M	110	860	560	150	450	115	280	400	1245	1620	660	150	215	180	845	160	135	50	530	460	61x34x42	637
	30.00	180 L	150	860	560	150	450	115	280	400	1245	1658	679	150	215	180	845	160	135	50	530	471	62x34x42	648
	40.00	200 L	190	860	560	150	450	120	280	400	1250	1724	712	150	200	200	850	160	135	50	530	563	65x34x42	745
	50.00	225S	190	860	560	150	450	120	280	400	1250	1814	757	150	175	225	850	160	135	50	530	664	69x34x42	851
	60.00	225 M	190	860	560	150	450	120	280	400	1250	1844	772	150	175	225	850	160	135	50	530	674	70x34x42	867
150/40	50.00	225 S	190	860	560	150	450	120	315	450	1335	1814	757	150	210	225	885	160	135	50	530	710	69x34x46	909
	60.00	225 M	190	860	560	150	450	120	315	450	1335	1814	757	150	210	225	885	160	135	50	530	720	69x34x46	919
	75.00	250 M	225	860	560	150	450	120	315	450	1335	1896	798	150	185	250	885	160	135	50	530	829	72x34x46	1034
	100.00	280 S	276	860	560	150	450	120	315	450	1335	2020	860	150	155	280	885	160	135	50	530	1035	77x34x46	1251
200-40	100.00	280 S	276	980	680	150	450	120	350	450	1370	2090	895	150	190	280	920	187	193	50	546	1148	83x39x47	1148

GA Drawing



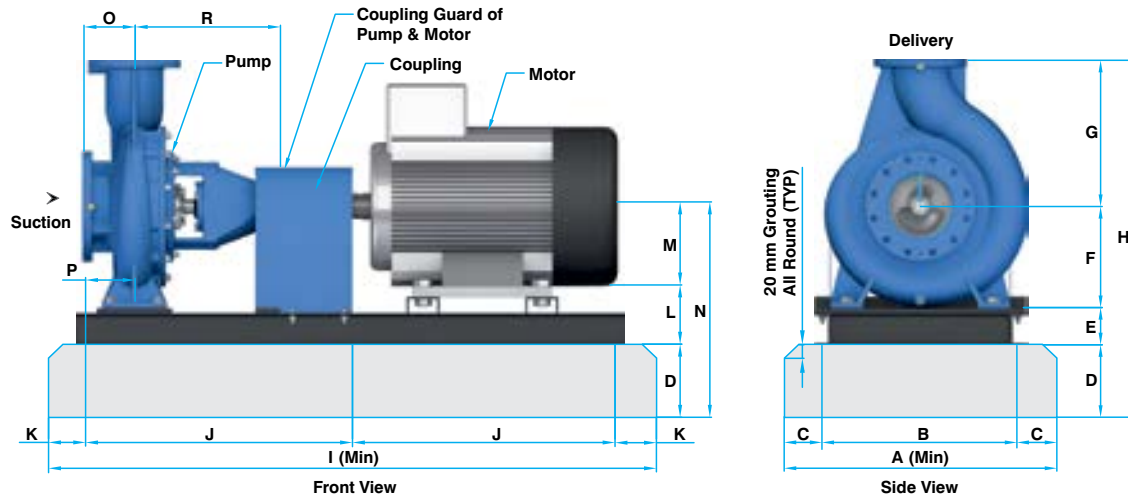
2900 / 3500 RPM

All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU-PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
32/13	1.50	80	O95	548	248	150	450	83	112	140	785	1004	352	150	115	80	645	80	90	50	360	84	37x21x24	146
	2.00	90S	O95	548	248	150	450	93	112	140	795	1042	371	150	115	90	655	80	70	50	360	99	38x21x25	162
	3.00	90L	O95	548	248	150	450	93	112	140	795	1066	383	150	115	90	655	80	70	50	360	101	39x21x25	164
50/13	3.00	90L	O95	586	286	150	450	83	132	160	825	1076	388	150	125	90	665	100	80	50	360	102	39x22x26	168
	5.00	100L	O95	586	286	150	450	83	132	160	825	1138	419	150	115	100	665	100	75	50	360	117	42x22x26	183
	7.50	132S	O95	602	302	150	450	85	132	160	827	1194	447	150	85	132	667	100	80	50	360	160	44x23x26	237
	10.00		100																		360	160	44x26x26	237
65/13	7.50	132S	O95	602	302	150	450	87	160	180	877	1194	447	150	115	132	697	100	82	50	360	168	44x26x28	250
	10.00		100																		360	168	44x26x28	250
	12.50	160M	110	646	346	150	450	85	160	180	875	1334	517	150	85	160	695	100	82	50	360	242	50x25x28	334
	12.50	132M	100	602	302	150	450	87	160	180	877	1230	465	150	115	132	697	100	82	50	360	173	46x23x28	259
32/16	2.00	90S	95	586	286	150	450	83	132	160	825	1044	372	150	125	90	665	80	70	50	360	100	38x22x26	166
	3.00	90L	O95	586	286	150	450	83	132	160	825	1066	383	150	125	90	665	80	70	50	360	103	39x22x26	169
	5.00	100L	O95	586	286	150	450	83	132	160	825	1118	409	150	115	100	665	80	73	50	360	118	41x22x26	187
40/16	3.00	90L	O95	586	286	150	450	83	132	160	825	1068	384	150	125	90	665	80	70	50	360	104	39x22x26	170
	5.00	100L	O95	586	286	150	450	83	132	160	825	1118	409	150	115	100	665	80	73	50	360	119	41x22x26	188
	7.50	132S	O95	598	298	150	450	85	132	160	827	1224	462	150	85	132	667	80	83	50	360	162	45x23x26	239
	10.00	100L	O95	616	316	150	450	90	160	180	1030	1108	404	150	150	100	700	100	80	50	360	129	41x23x34	219
50/16	7.50	132S	O95	598	298	150	450	87	160	180	877	1224	462	150	115	132	697	100	80	50	360	172	45x23x28	254
	10.00		100																		360	172	45x23x28	254
	12.50	160M	100	646	346	150	450	85	160	180	875	1330	515	150	85	160	695	100	80	50	360	241	49x25x28	333
	15.00		110																		360	241	49x25x28	333
65/16	7.50	132S	O95	626	326	150	450	87	160	200	897	1198	449	150	115	132	697	100	82	50	360	181	44x24x29	267
	10.00		100																		360	181	44x24x29	267
	12.50	160M	100	646	346	150	450	85	160	200	895	1334	517	150	85	160	695	100	82	50	360	249	50x25x28	341
	20.00		110																		360	249	50x25x28	341
80/16	10.00	132S	100	660	360	150	450	85	180	225	940	1220	460	150	133	132	715	125	105	50	360	186	45x25x30	275
	12.50	160M	100	666	366	150	450	85	180	225	940	1382	541	150	105	160	715	125	105	50	360	264	52x25x30	368
	20.00		110																		360	264	52x25x30	368
	25.00	160L	110	660	360	150	450	95	180	225	950	1400	550	150	115	160	725	125	105	50	360	286	52x25x31	393
	30.00	180M	150	681	381	150	450	90	180	225	945	1424	562	150	90	180	720	125	105	50	360	303	53x26x30	414

Centrifugal Backpull Out Pumps

GA Drawing



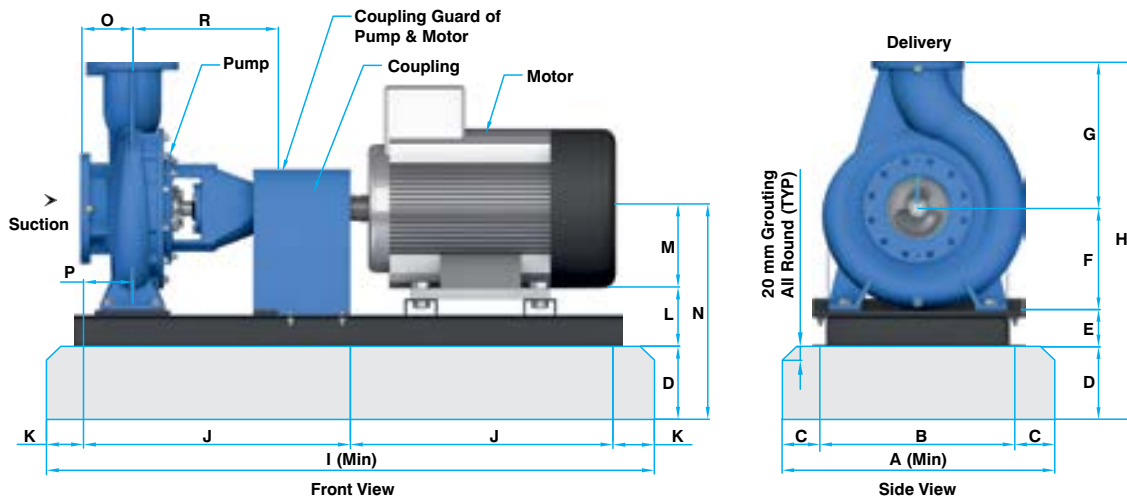
2900 / 3500 RPM

All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU- PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
32/20	5.00	100L	O95	586	286	150	450	90	160	180	880	1098	399	150	150	100	700	80	70	50	360	130	40x22x28	204
	7.50	132S	O95	540	240	150	450	87	160	180	877	1208	454	150	115	132	697	80	72	50	360	172	45x20x28	247
	10.00		100																		360	172	45x20x28	247
40/20	5.00	100L	O95	611	311	150	450	90	160	180	880	1108	404	150	150	100	700	100	80	50	360	134	41x21x28	213
	7.50	132S	O95	611	311	150	450	87	160	180	877	1196	448	150	115	132	697	100	80	50	360	177	44x21x28	259
	10.00		100																		360	177	44x21x28	259
		12.50	160M	100	646	346	150	450	85	160	180	875	1332	516	150	85	160	695	100	80	50	360	246	50x23x28
50/20	10.00	132S	100	611	311	150	450	87	160	200	897	1190	445	150	115	132	697	95	75	50	360	181	44x23x29	266
	12.50	160M	100	628	328	150	450	85	160	200	895	1330	515	150	85	160	695	95	80	50	360	250	49x24x28	340
	15.00		110																		360	250	49x24x28	340
	20.00		360																		250	49x24x28	340	
65/20	20.00	160M	110	666	366	150	450	95	180	225	950	1334	517	150	115	160	725	100	82	50	360	265	50x25x31	363
	25.00	160L	110	666	366	150	450	95	180	225	950	1378	539	150	115	160	725	100	82	50	360	285	51x25x31	389
	30.00	180M	150	681	381	150	450	90	180	225	945	1402	551	150	90	180	720	100	82	50	360	302	52x26x30	413
	40.00	200L	190	711	411	150	450	115	180	225	970	1508	604	150	95	200	745	100	82	50	360	409	56x27x31	529
80/20	25.00	160L	110	691	391	150	450	95	180	250	975	1510	605	150	115	160	725	125	105	50	470	312	57x26x32	431
	40.00	200L	190	711	411	150	450	115	180	250	995	1640	670	150	95	200	745	125	105	50	470	445	62x27x32	575
	50.00			711	411	150	450	115	180	250	995	1640	670	150	95	200	745	125	105	50	470	445	62x27x32	575
	60.00	225M	190	758	458	150	450	165	180	250	1045	1720	710	150	120	225	795	125	100	50	470	539	65x29x34	687
100/20	25.00	160L	110	706	406	150	450	90	200	280	1020	1510	605	150	130	160	740	125	105	50	470	325	57x27x33	449
	30.00	180M	150	706	406	150	450	85	200	280	1015	1534	617	150	105	180	735	125	105	50	470	350	58x27x33	478
	40.00	200L	190	711	411	150	450	90	200	280	1020	1640	670	150	90	200	740	125	105	50	470	462	62x27x33	594
	50.00			711	411	150	450	90	200	280	1020	1640	670	150	90	200	740	125	105	50	470	462	62x27x33	594
	60.00	225M	190	758	458	150	450	140	200	280	1070	1720	710	150	115	225	790	125	100	50	470	567	65x29x35	717
	100.00	280S	276	886	586	150	450	200	200	280	1130	1926	813	150	120	280	850	125	100	50	470	169	73x34x38	359
32/26	10.00	132S	100	666	366	150	450	85	180	225	940	1198	449	150	133	132	715	100	82	50	360	183	44x25x30	272
	12.50	160M	100	666	366	150	450	95	180	225	950	1334	517	150	115	160	725	100	82	50	360	263	50x25x31	361
	15.00																				360	263	50x25x31	361
	20.00	110	360																		263	50x25x31	361	
	25.00	160L	110	666	366	150	450	95	180	225	950	1376	538	150	115	160	725	100	82	50	360	283	51x25x31	387

Centrifugal Backpull Out Pumps

GA Drawing



2900 / 3500 RPM

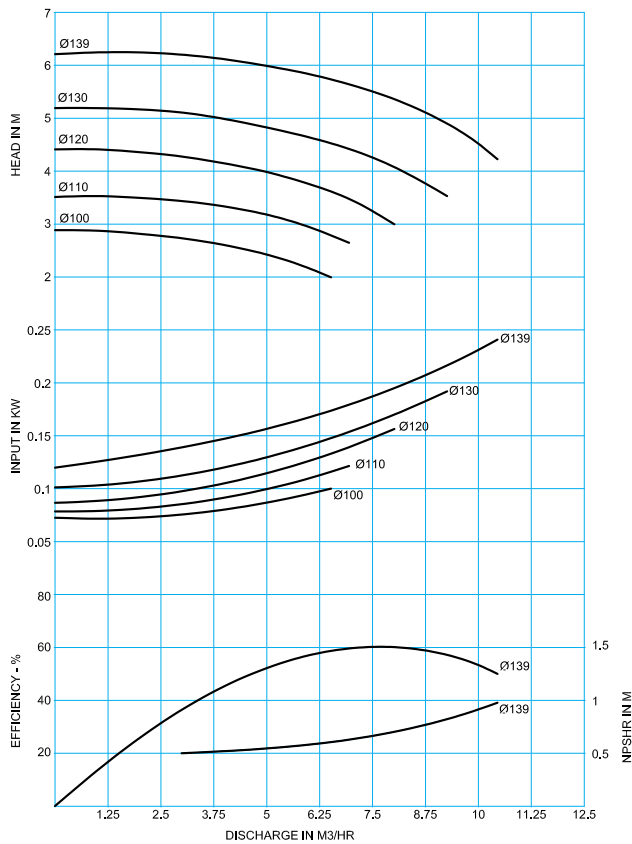
All Dimension are in mm

MODEL	HP	MOTOR FRAME SIZE	COU-PLING TYPE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	PUMPSET WITH BASE FRAM WEIGHT in Kg.	PACKING BOX SIZE LxBxH in inch	TOTAL WEIGHT WITH BOX in Kg.
40/26	10.00	132S	100	589	289	150	450	83	180	225	938	1230	465	150	131	132	713	100	82	50	360	188	45x22x30	272
	12.50		100																		360	272	50x25x31	370
	15.00	160M	110	666	366	150	450	95	180	225	950	1334	517	150	115	160	725	100	82	50	360	272	50x25x31	370
	20.00																				360	272	50x25x31	370
	25.00	160L	110	651	351	150	450	88	180	225	943	1410	555	150	108	160	718	100	82	50	360	283	53x25x30	387
50/26	20.00	160M	110	666	366	150	450	95	180	225	950	1334	517	150	115	160	725	100	82	50	360	269	50x25x31	367
	25.00	160L	110	666	366	150	450	95	180	225	950	1376	538	150	115	160	725	100	82	50	360	289	51x25x31	393
	30.00	180L	150	666	366	150	450	90	180	225	945	1440	570	150	90	180	720	100	82	50	360	306	54x25x30	410
	40.00	200L	190	711	411	150	450	115	180	225	970	1506	603	150	95	200	745	100	82	50	360	423	56x27x31	543
	50.00																				360	423	56x27x31	529
65/26	30.00	180M	150	706	406	150	450	85	200	250	985	1530	615	150	105	180	735	100	100	50	470	341	57x27x32	463
	40.00	200L	190	730	430	150	450	140	200	250	1040	1688	694	150	90	200	740	100	122	50	470	468	64x28x34	609
	50.00																				470	468	64x28x34	609
	60.00	225M	190	758	458	150	450	140	200	250	1040	1716	708	150	115	225	790	100	95	50	470	536	65x29x34	684
	75.00	250M	225	820	520	150	450	165	200	250	1065	1796	748	150	115	250	815	100	95	50	470	694	68x31x35	853
80/26	40.00	200L	190	696	396	150	450	85	200	280	1015	1644	672	150	85	200	735	125	105	50	470	455	62x27x33	587
	50.00																				470	455	62x27x33	587
	60.00	225M	190	758	458	150	450	140	200	280	1070	1730	715	150	115	225	790	125	110	50	470	545	65x29x35	695
	75.00	250M	225	816	516	150	450	165	200	280	1095	1800	750	150	115	250	815	125	100	50	470	711	68x31x36	872
	100.00	280S	276	887	587	150	450	200	200	280	1130	1926	813	150	120	280	850	125	100	50	470	911	73x34x38	1101
100/26	50.00	200L	190	746	446	150	450	90	225	280	1045	1654	677	150	115	200	765	140	115	50	470	474	62x28x34	611
	60.00	225M	190	758	458	150	450	115	225	280	1070	1734	717	150	115	225	790	140	115	50	470	558	65x29x35	708
	75.00	250M	225	820	520	150	450	145	225	280	1100	1816	758	150	120	250	820	140	110	50	470	713	69x31x37	880
	100.00	280S	276	851	551	150	450	185	225	280	1140	1952	826	150	130	280	860	140	110	50	470	933	74x33x38	1107
	120.00	280M	276																		470	968	74x33x38	1142
	150.00	315S	280	950	650	150	450	210	225	280	1165	2088	894	150	120	315	885	140	110	50	470	1435	79x37x39	1652

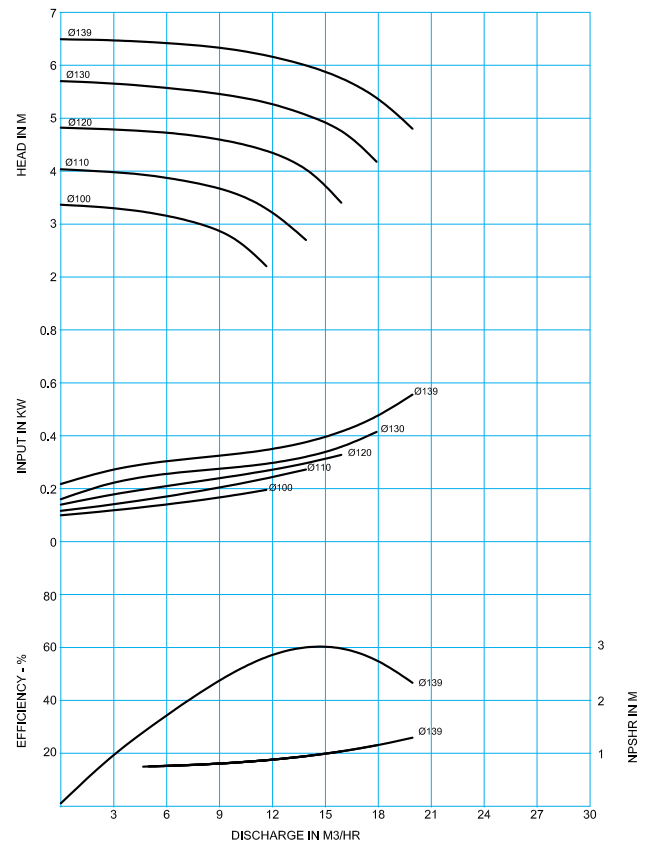
Centrifugal Backpull Out Pumps

Performance Curves • 1450 / 1750 RPM

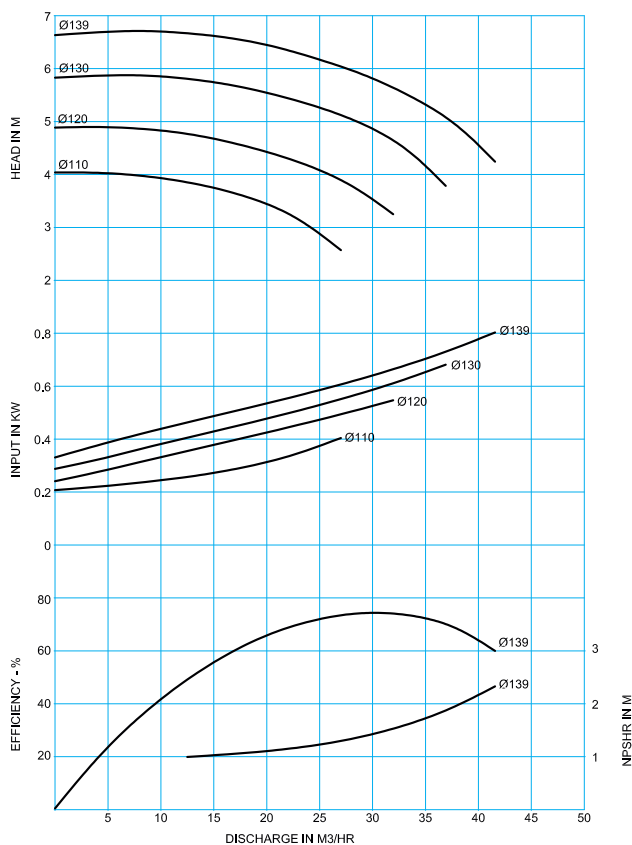
Model : 32-13



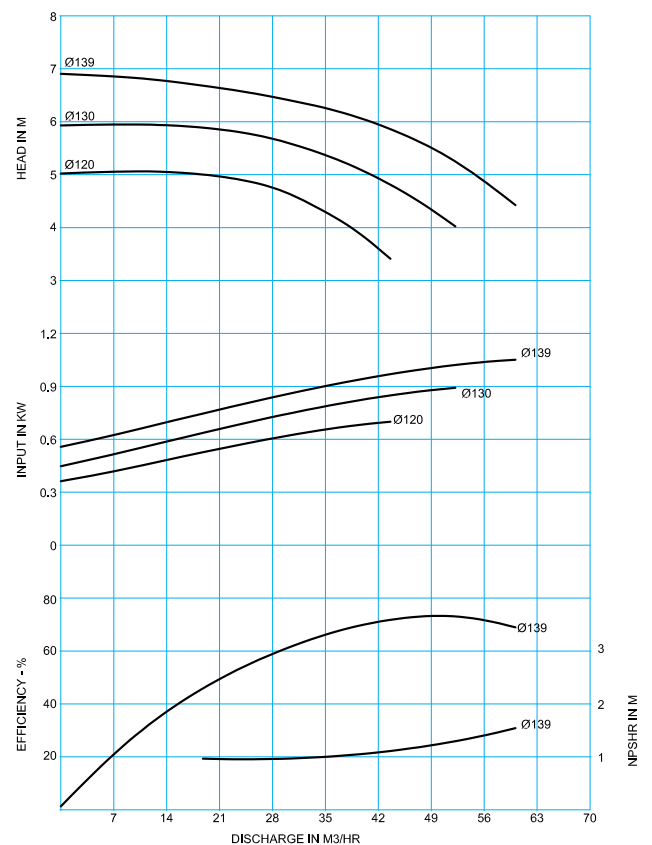
Model : 40-13



Model : 50-13

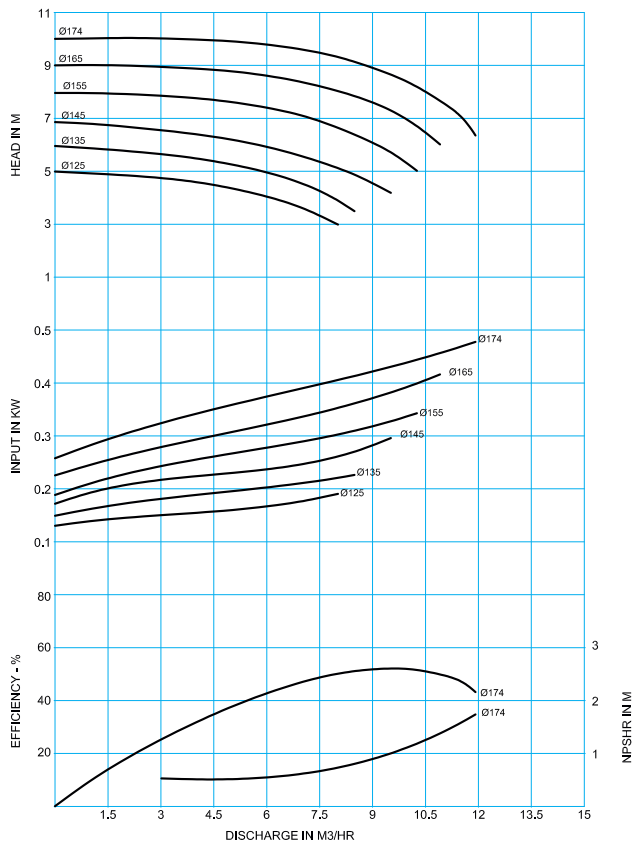


Model : 65-13

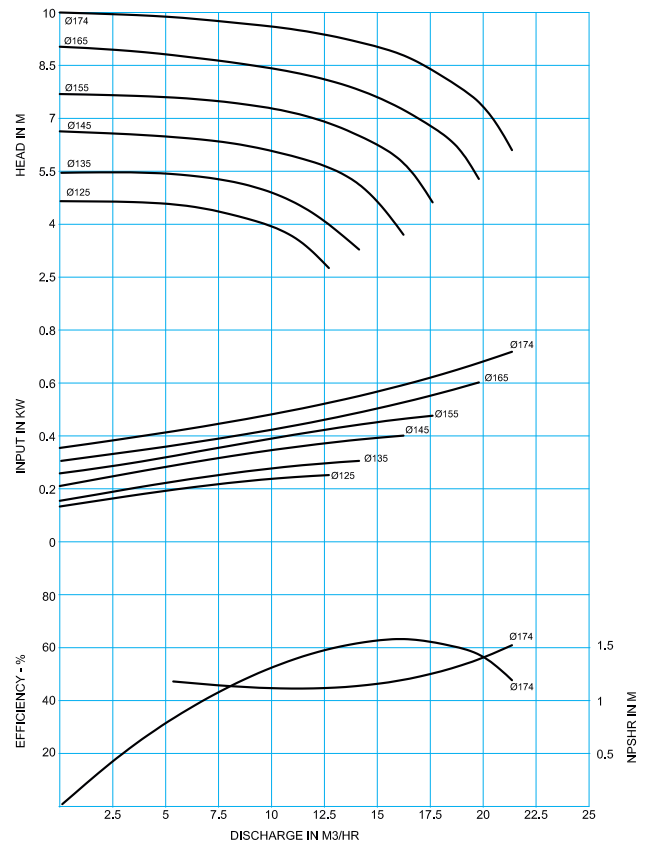


Performance Curves • 1450 / 1750 RPM

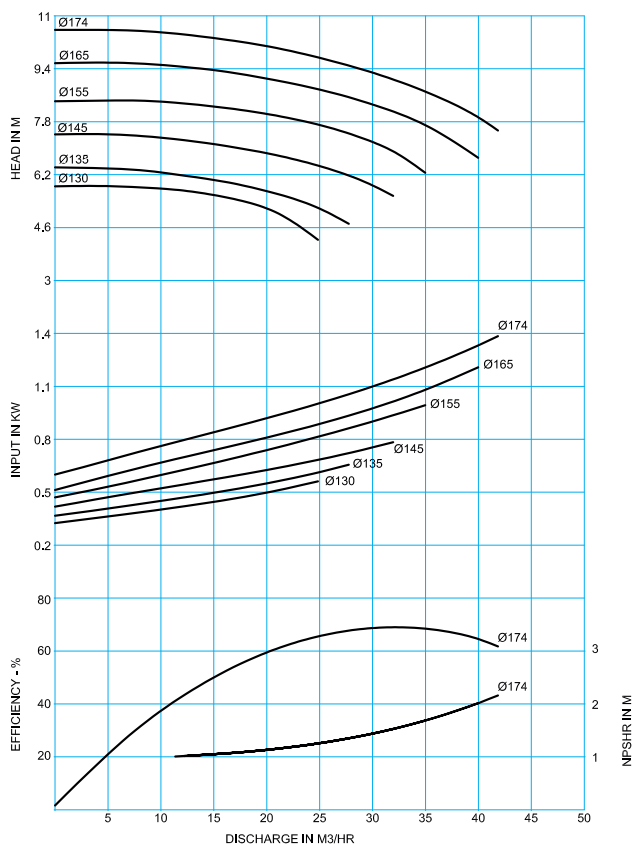
Model : 32-16



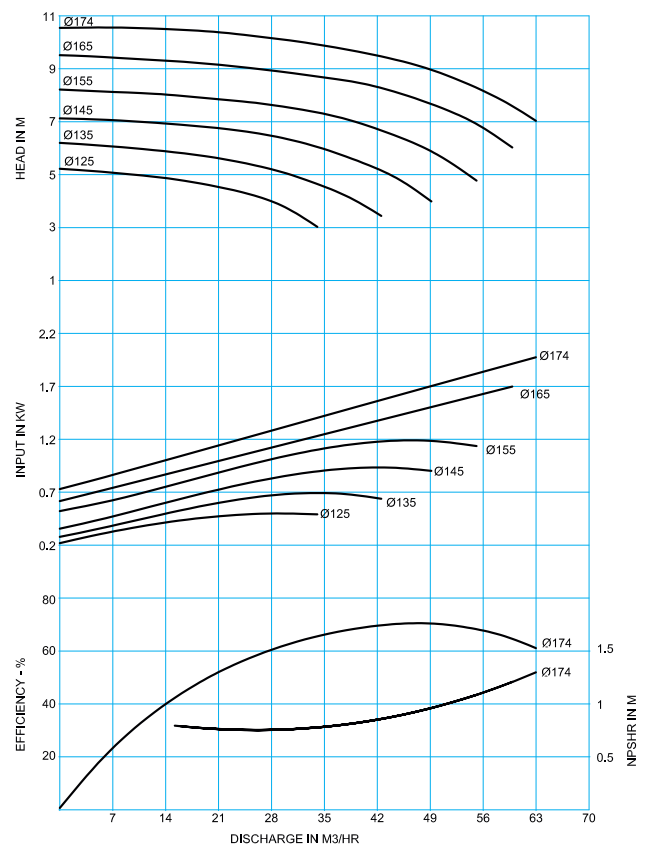
Model : 40-16



Model : 50-16



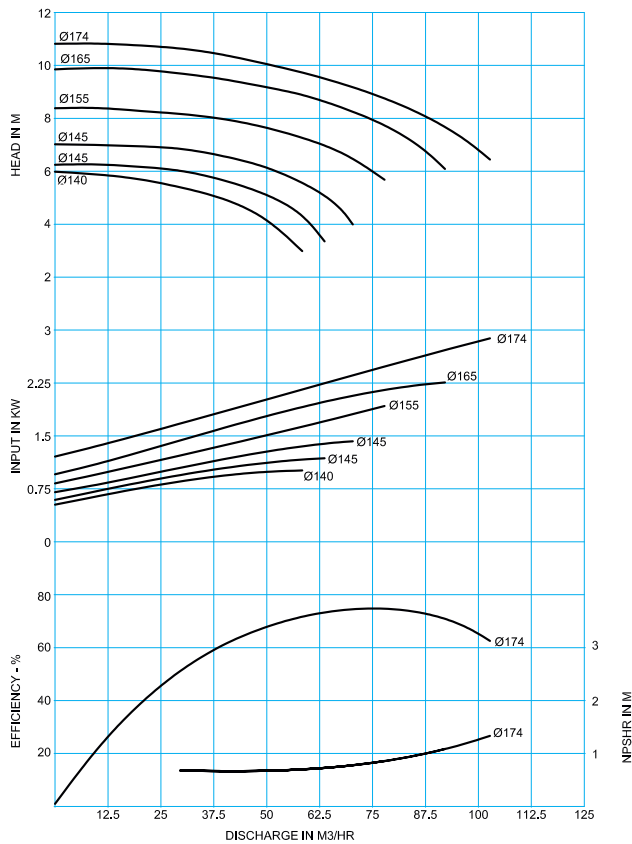
Model : 65-16



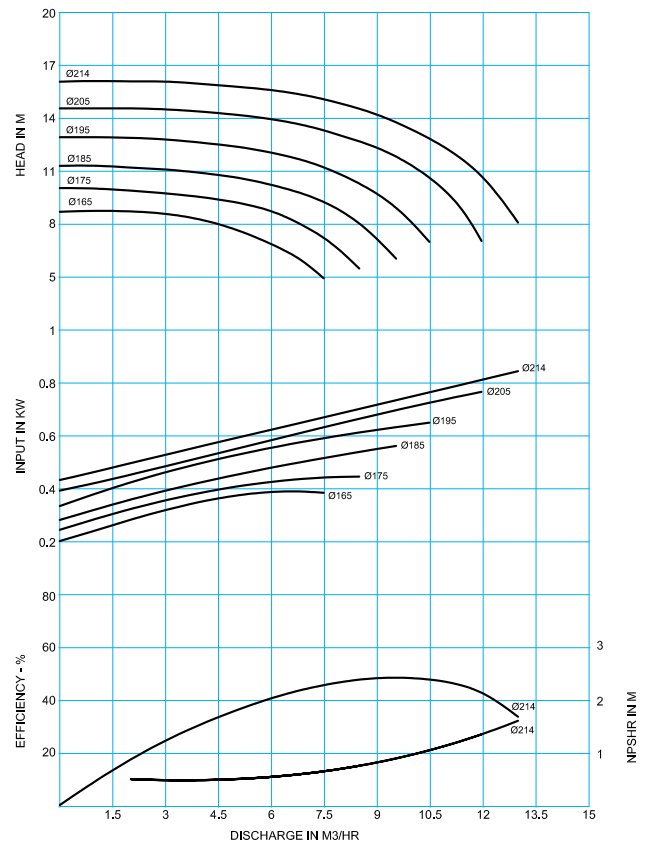
Centrifugal Backpull Out Pumps

Performance Curves • 1450 / 1750 RPM

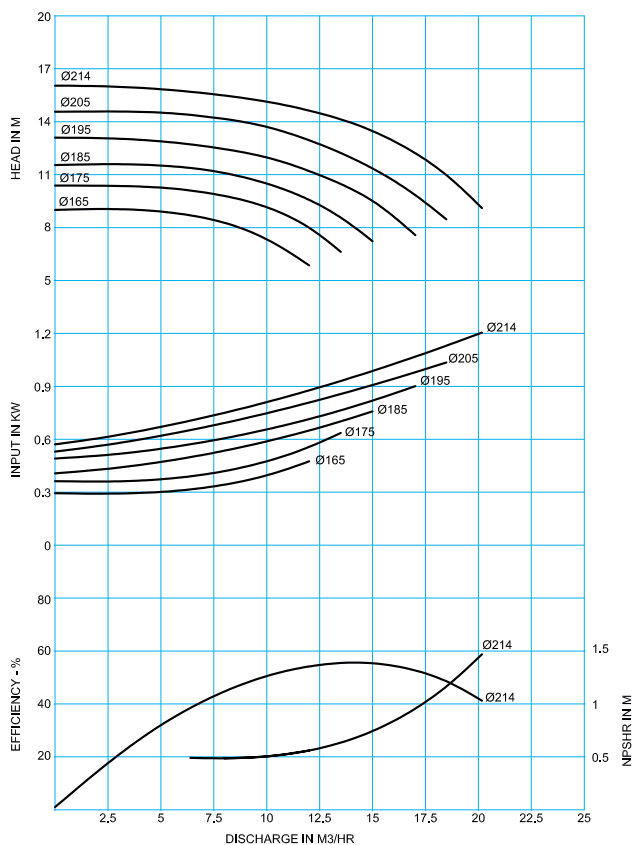
Model : 80-16



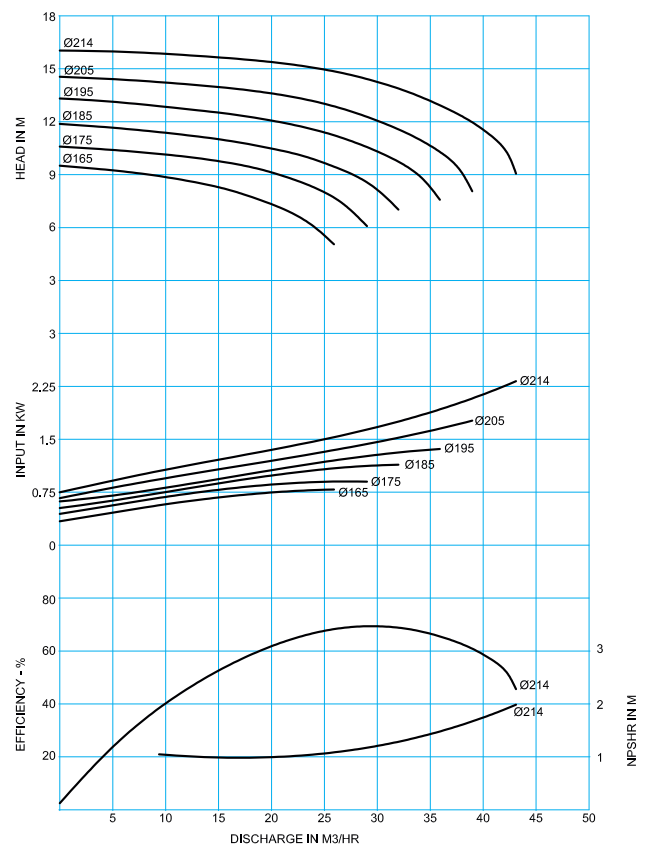
Model : 32-20



Model : 40-20

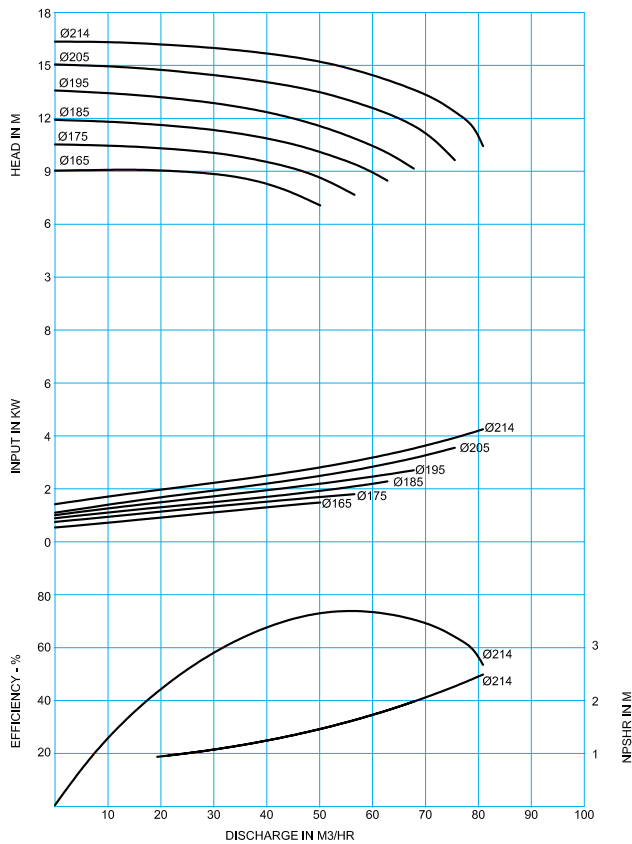


Model : 50-20

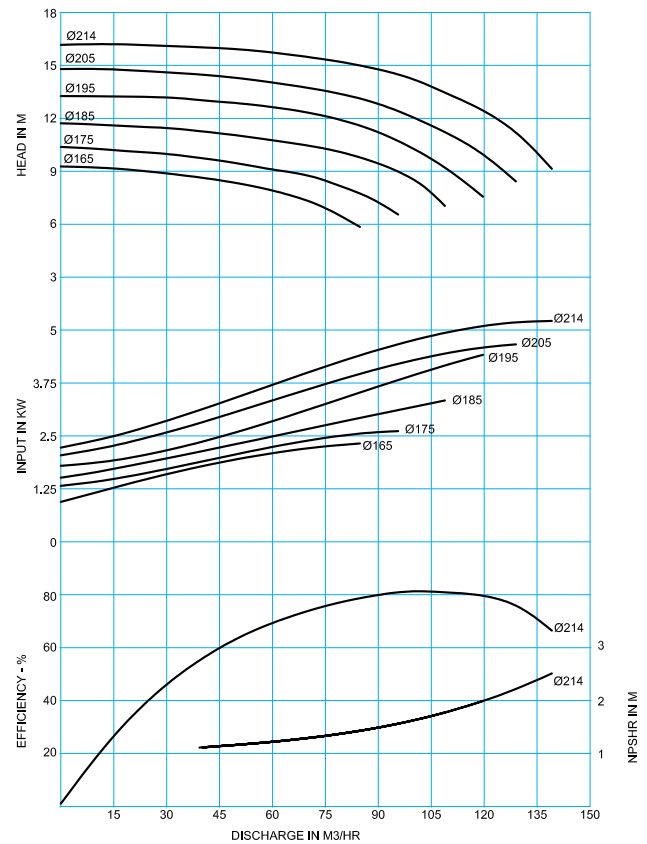


Performance Curves • 1450 / 1750 RPM

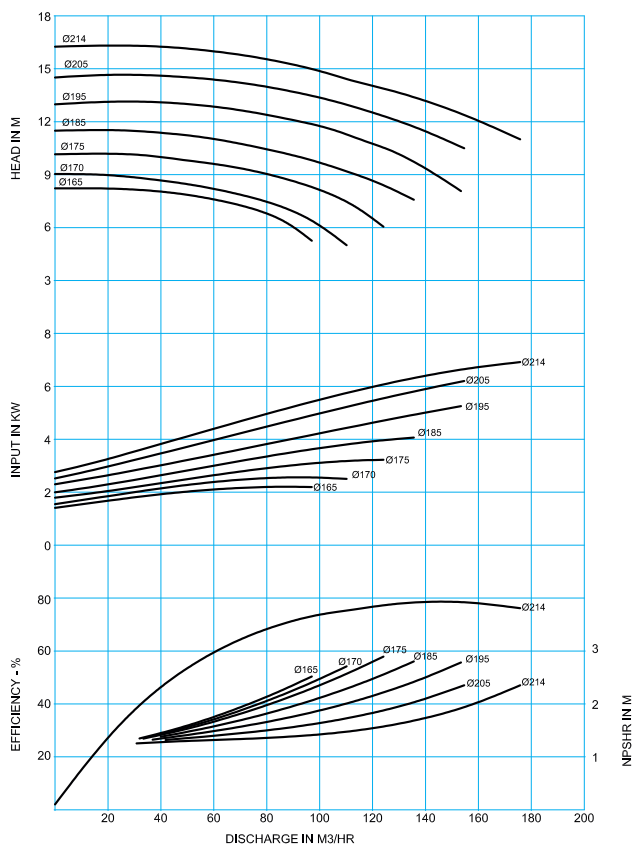
Model : 65-20



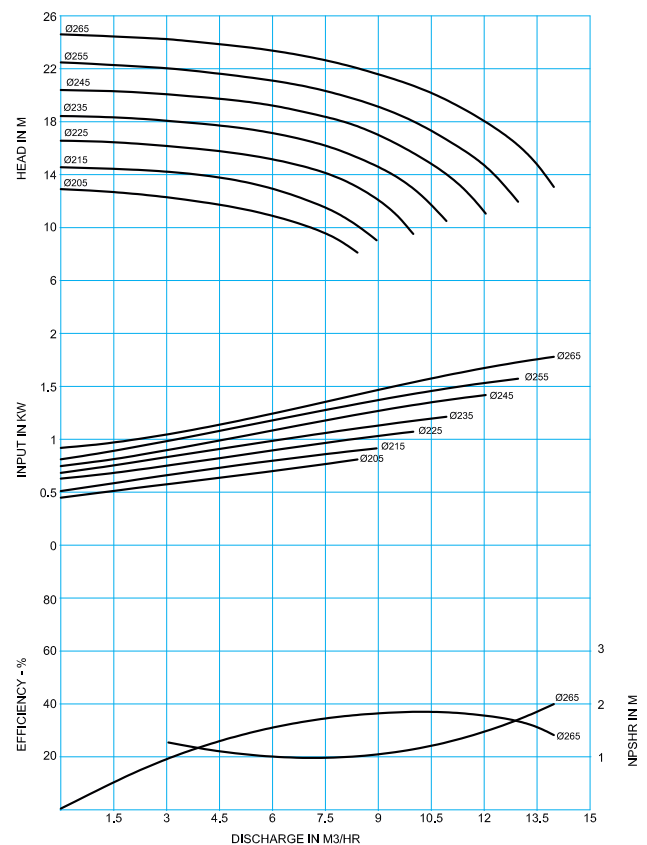
Model : 80-20



Model : 100-20

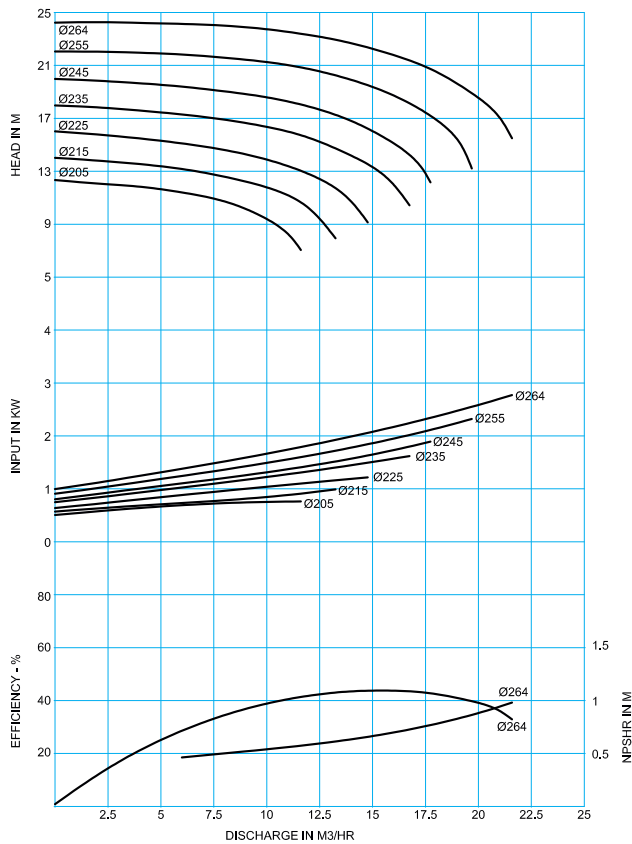


Model : 32-26

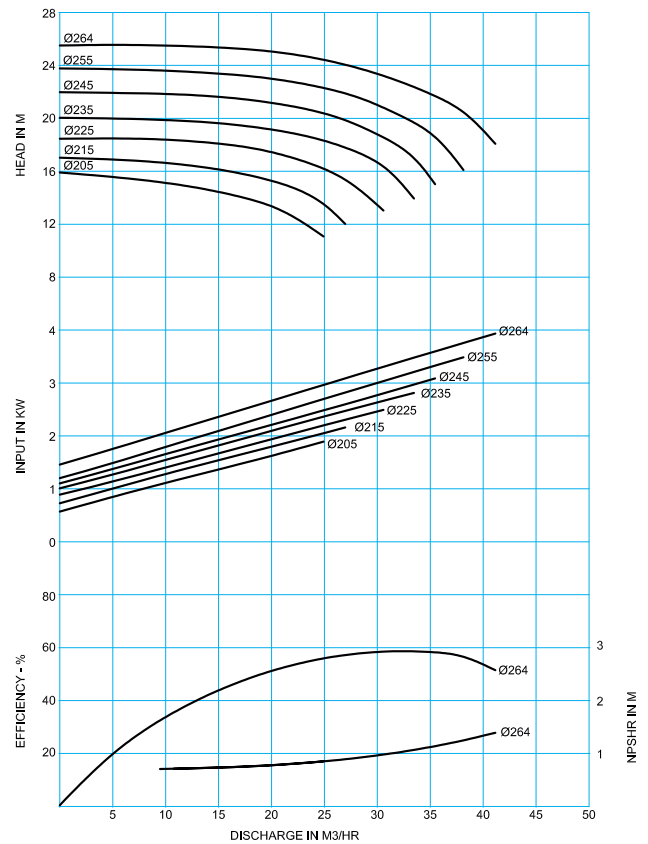


Performance Curves • 1450 / 1750 RPM

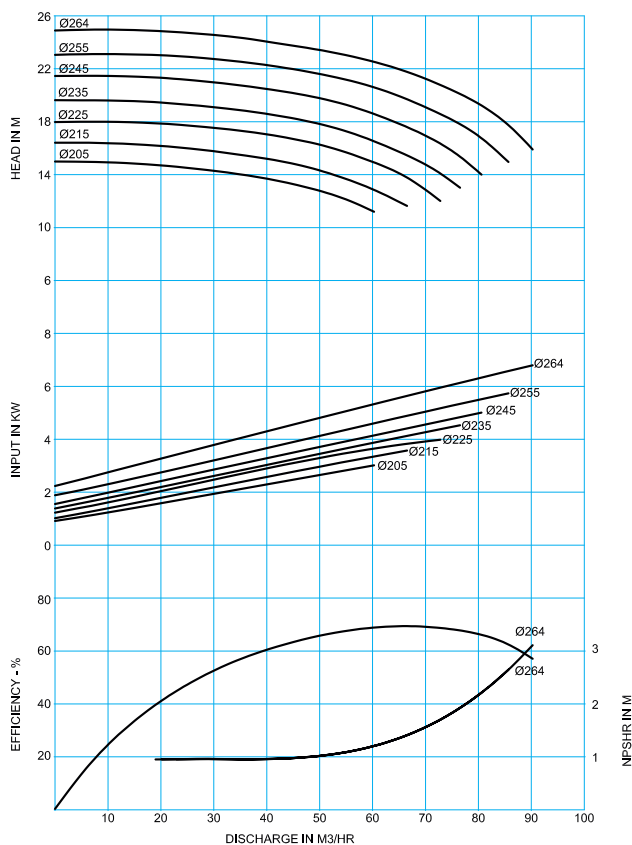
Model : 40-26



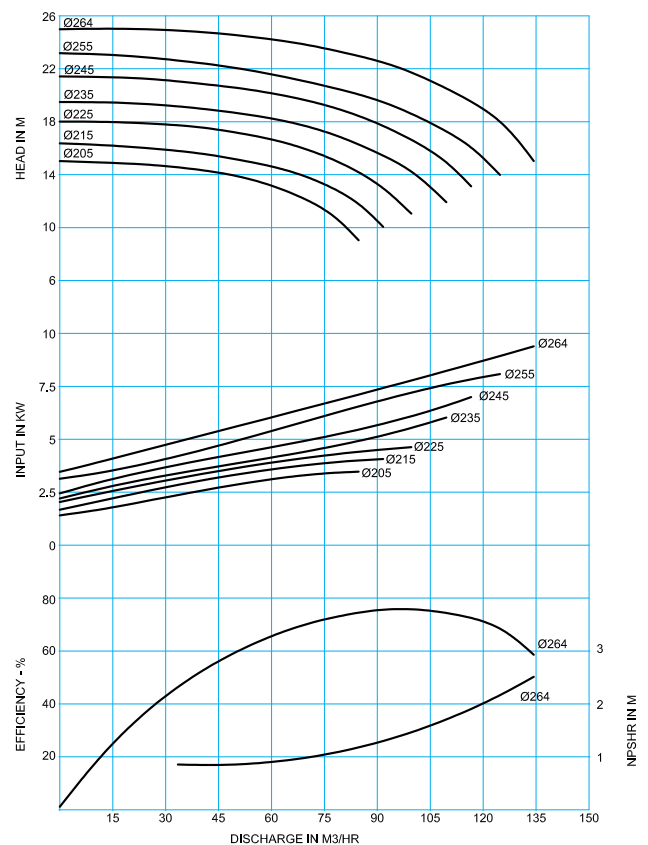
Model : 50-26



Model : 65-26



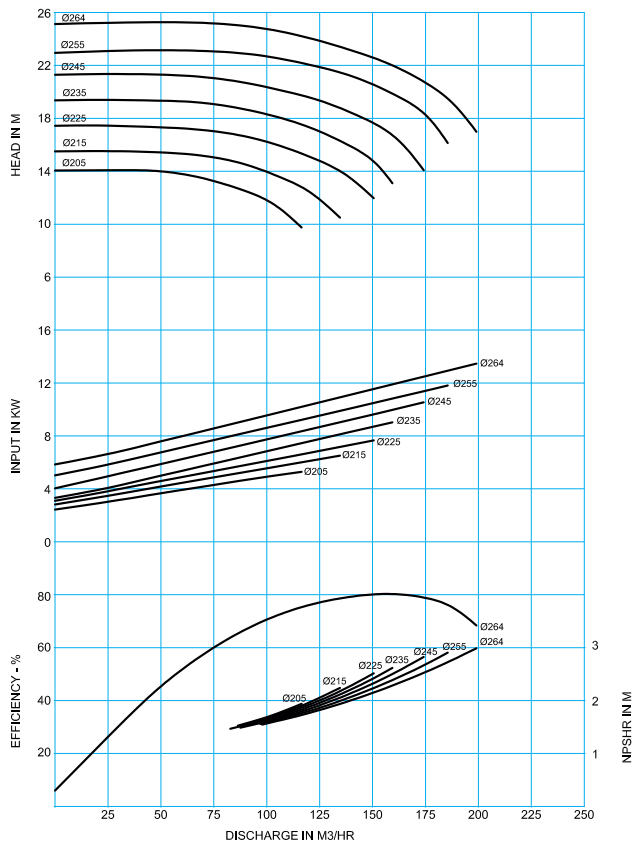
Model : 80-26



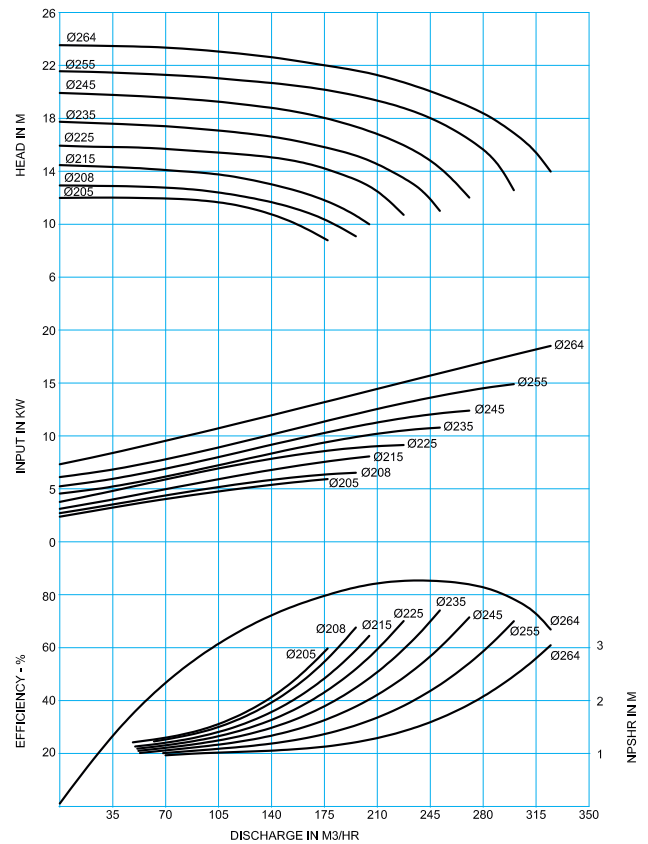
Centrifugal Backpull Out Pumps

Performance Curves • 1450 / 1750 RPM

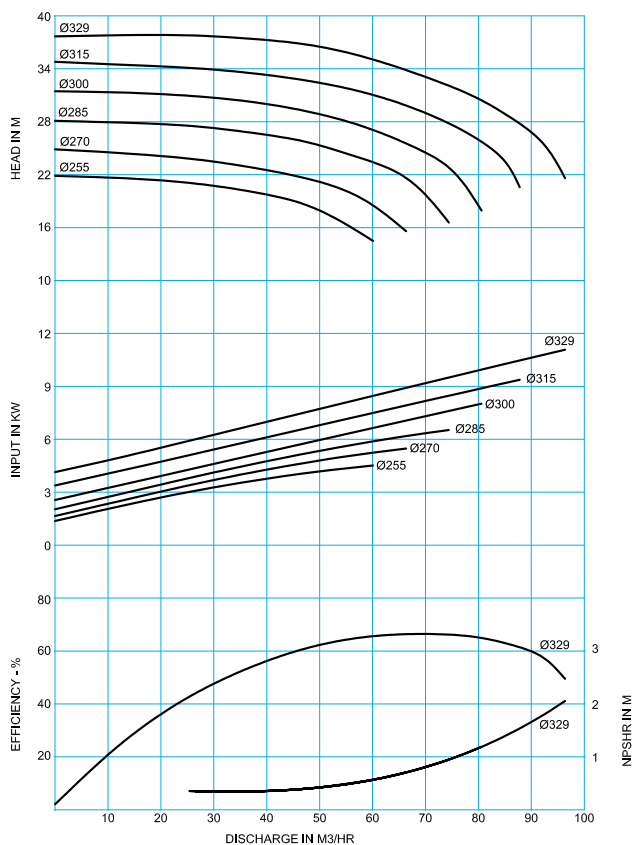
Model : 100-26



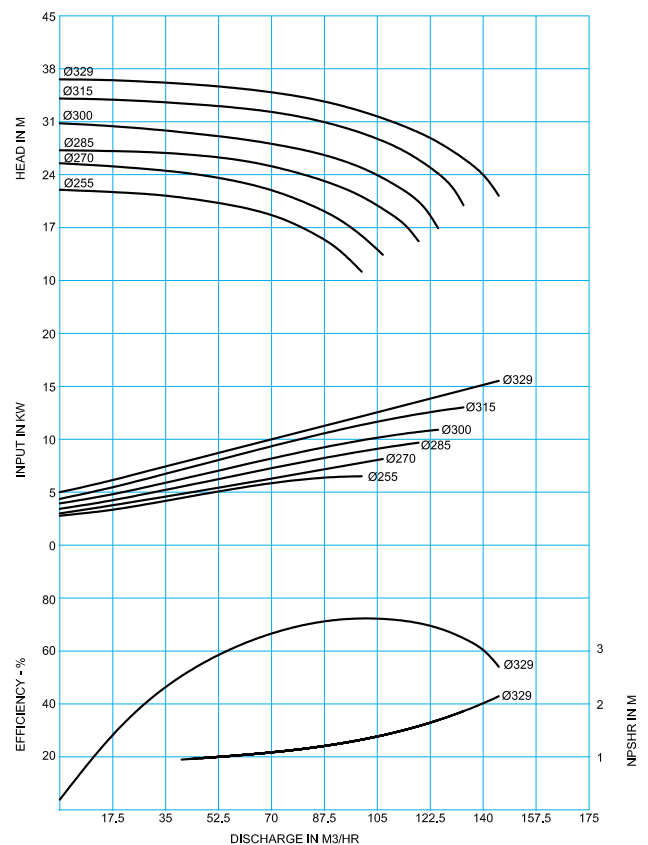
Model : 125-26



Model : 65-32

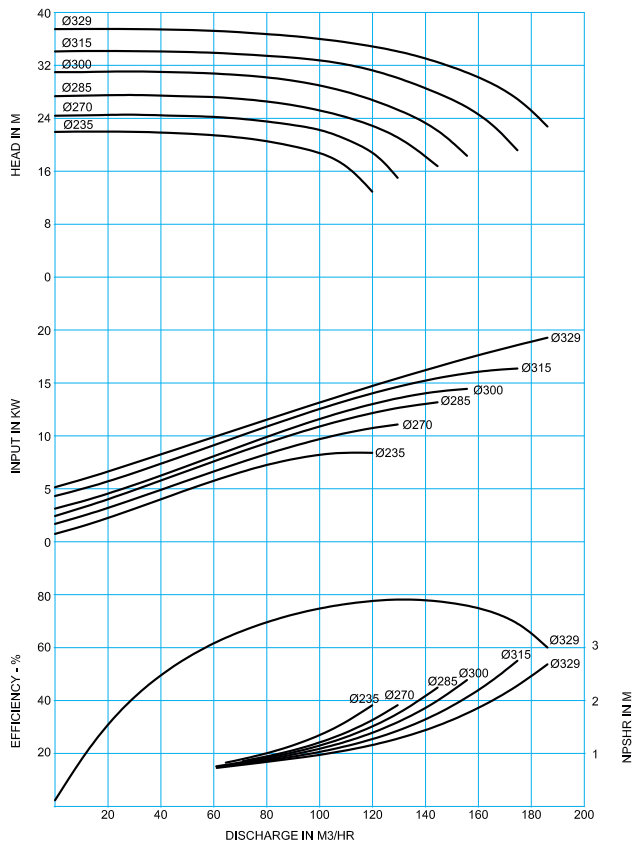


Model : 80-32

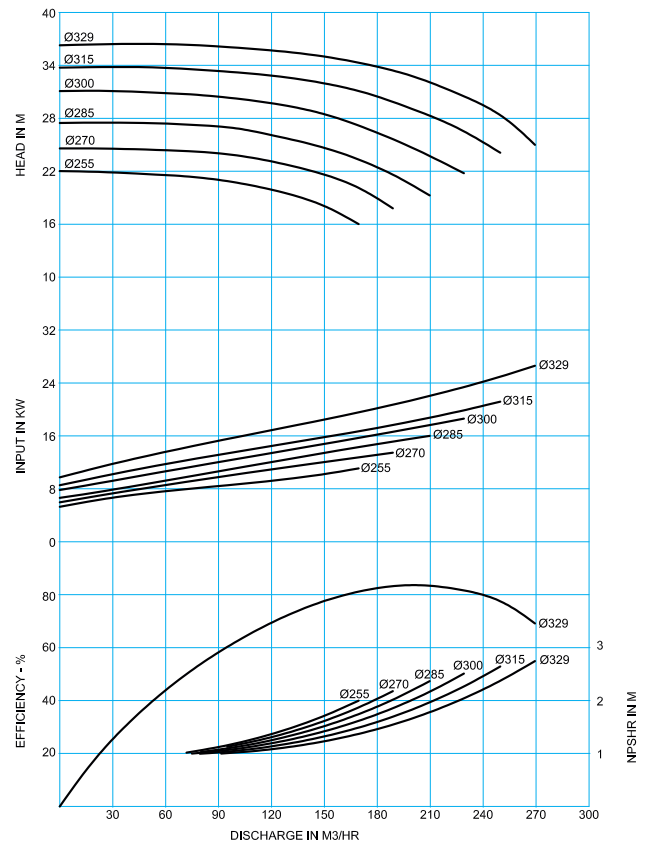


Performance Curves • 1450 / 1750 RPM

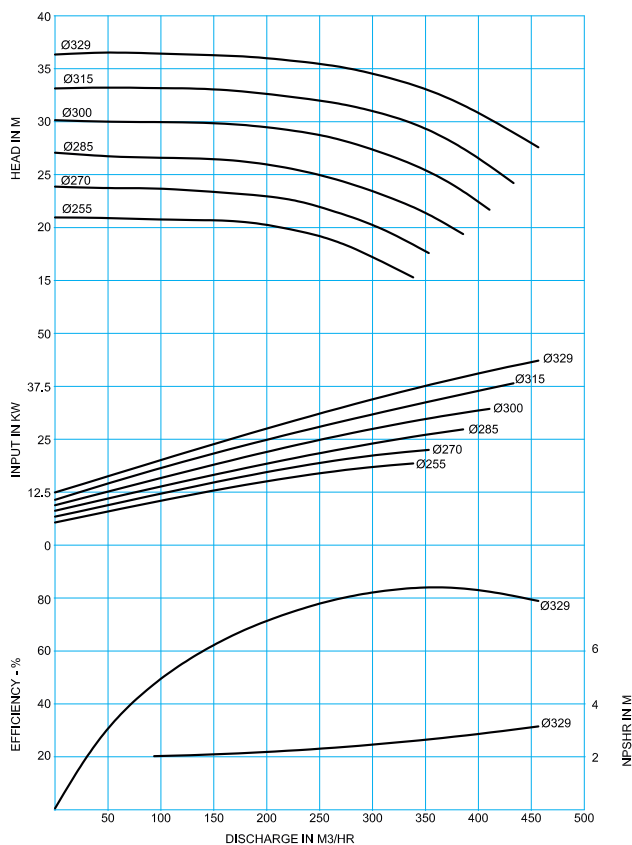
Model : 100-32



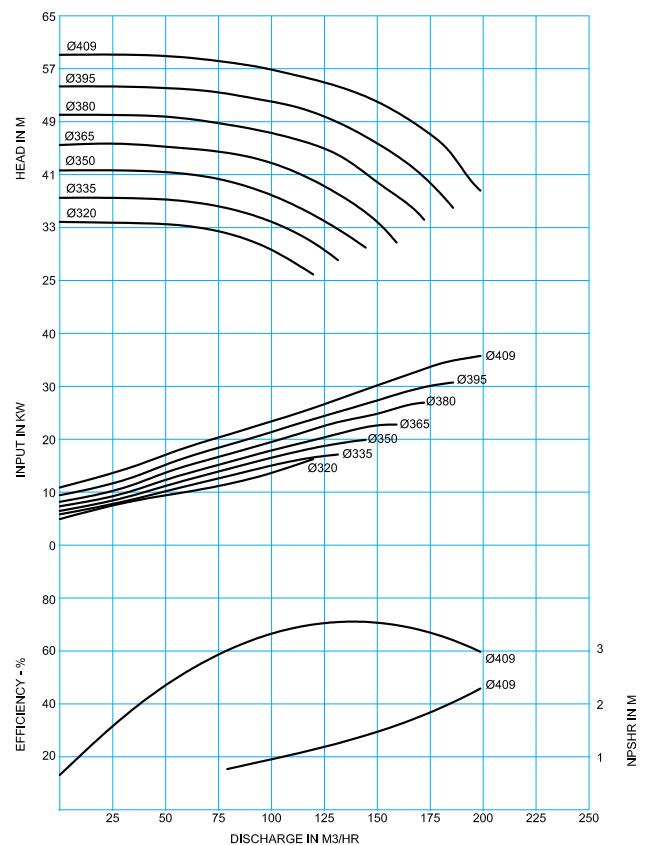
Model : 125-32



Model : 150-32



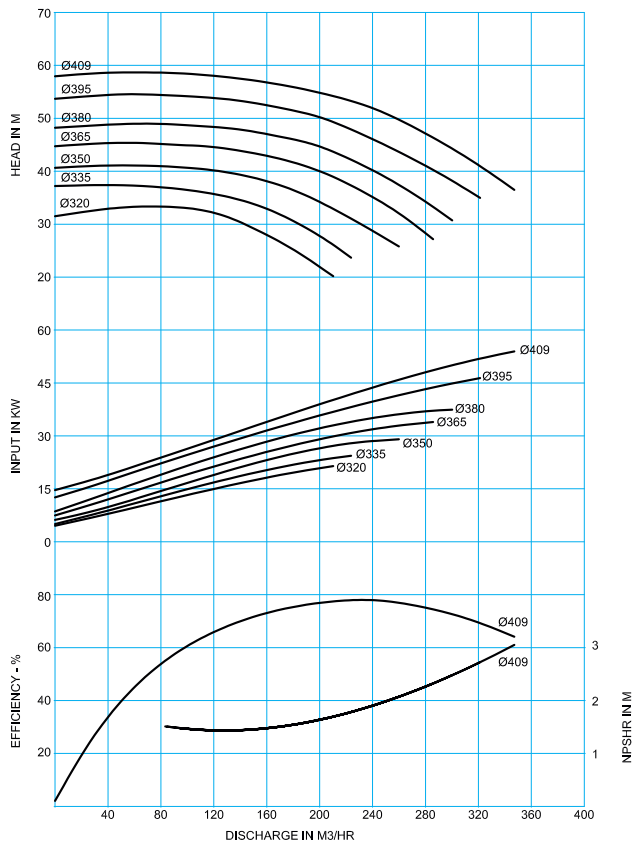
Model : 100-40



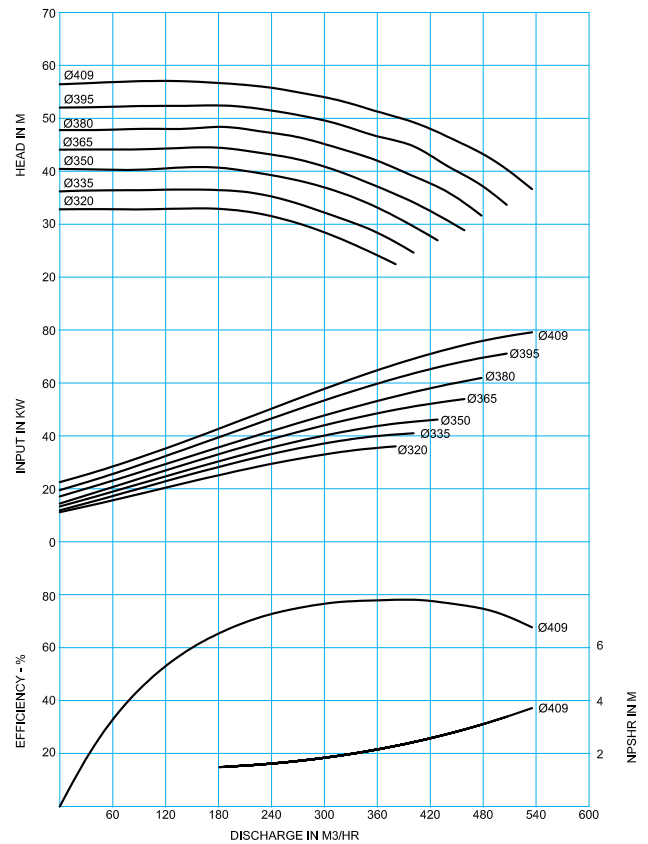
Centrifugal Backpull Out Pumps

Performance Curves • 1450 / 1750 RPM

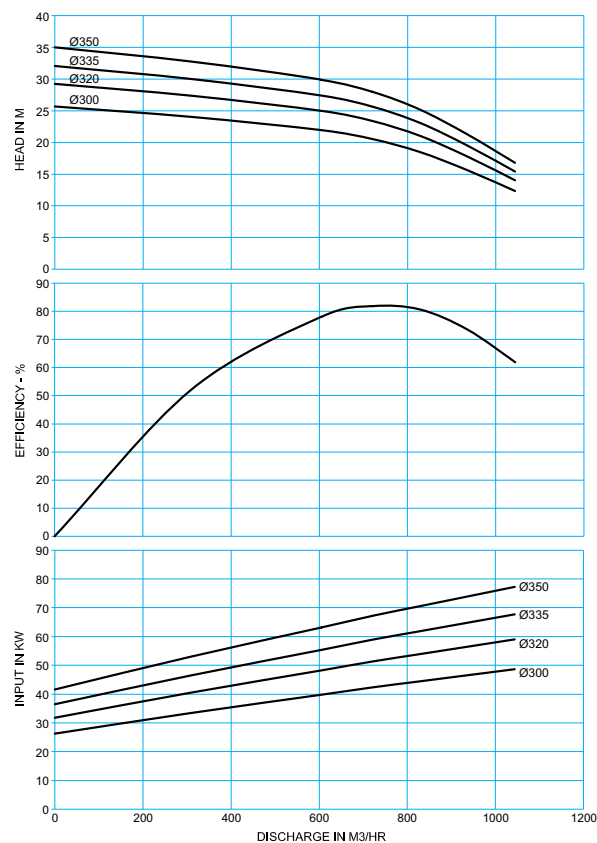
Model : 125-40



Model : 150-40



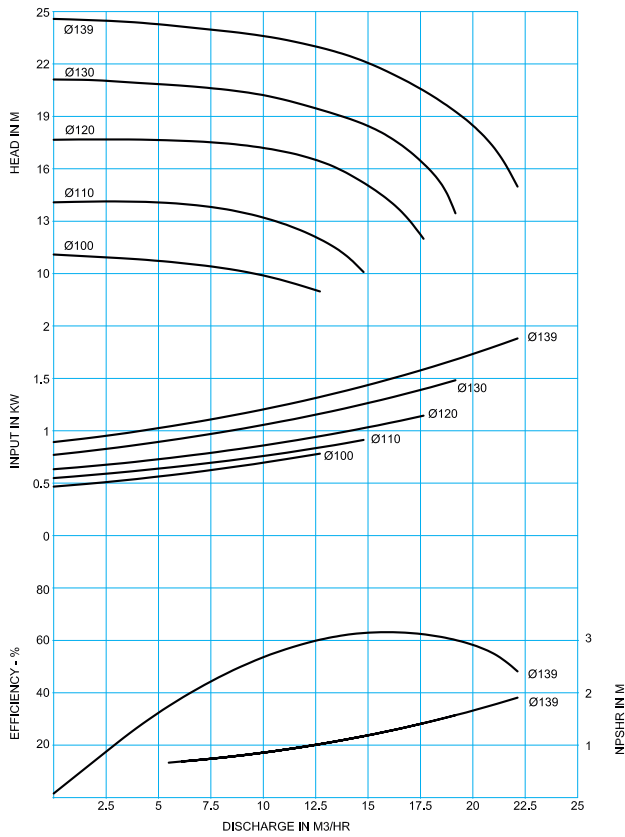
Model : 200-40



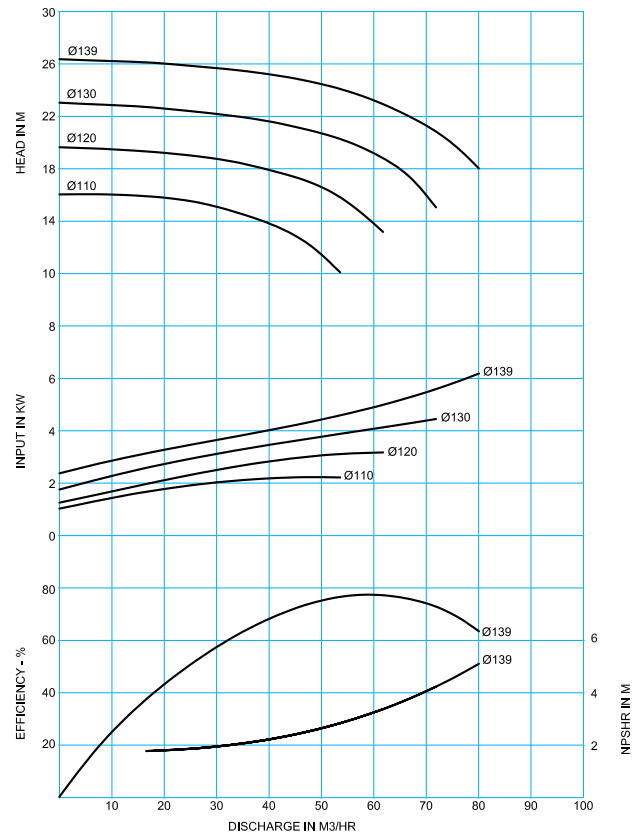
Centrifugal Backpull Out Pumps

Performance Curves • 2900 / 3500 RPM

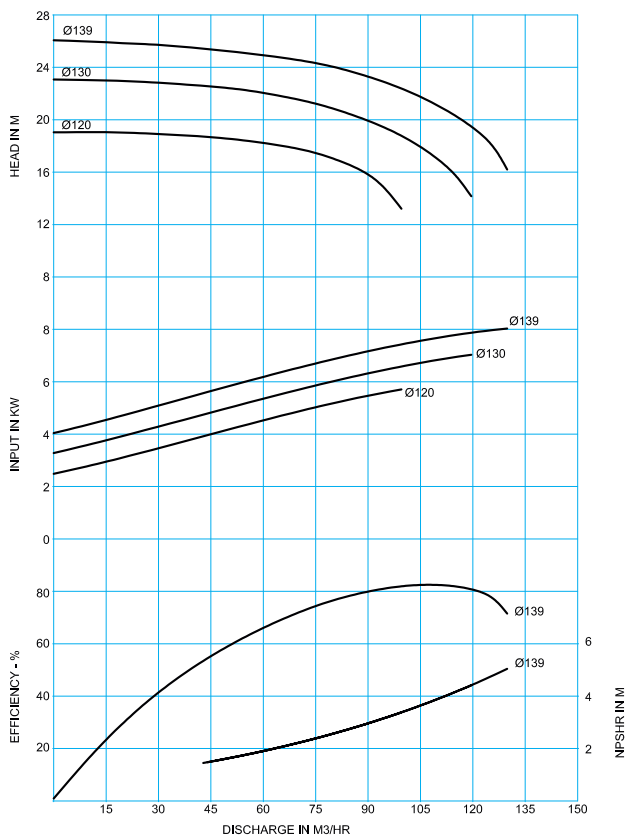
Model : 32-13



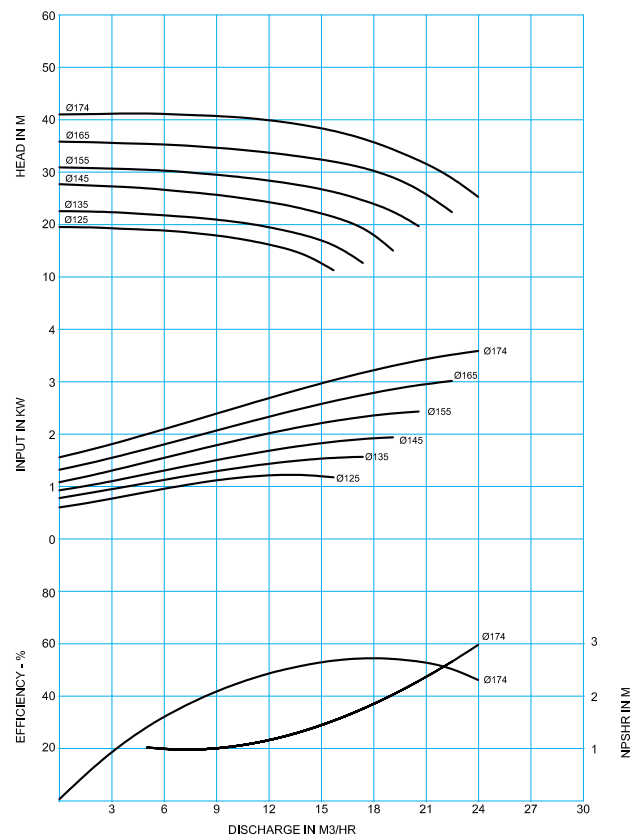
Model : 50-13



Model : 65-13



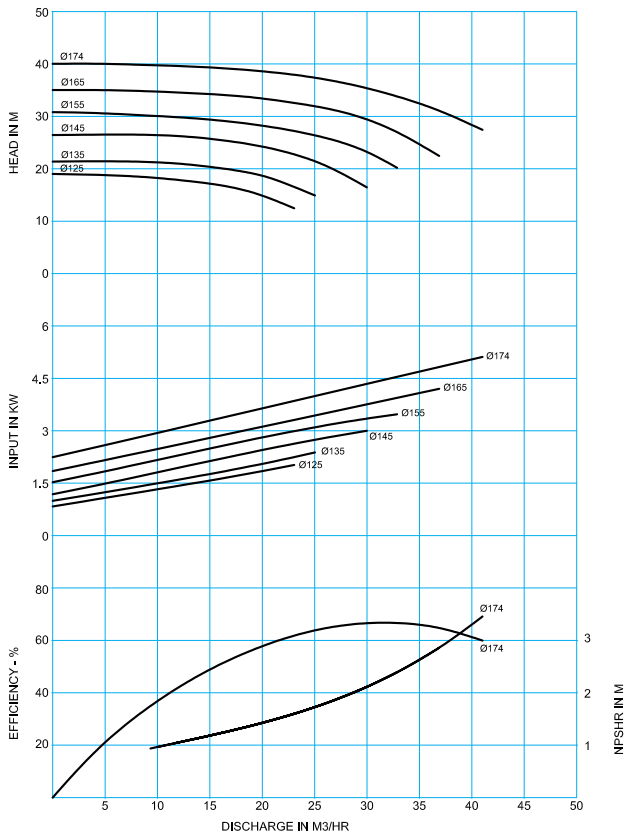
Model : 32-16



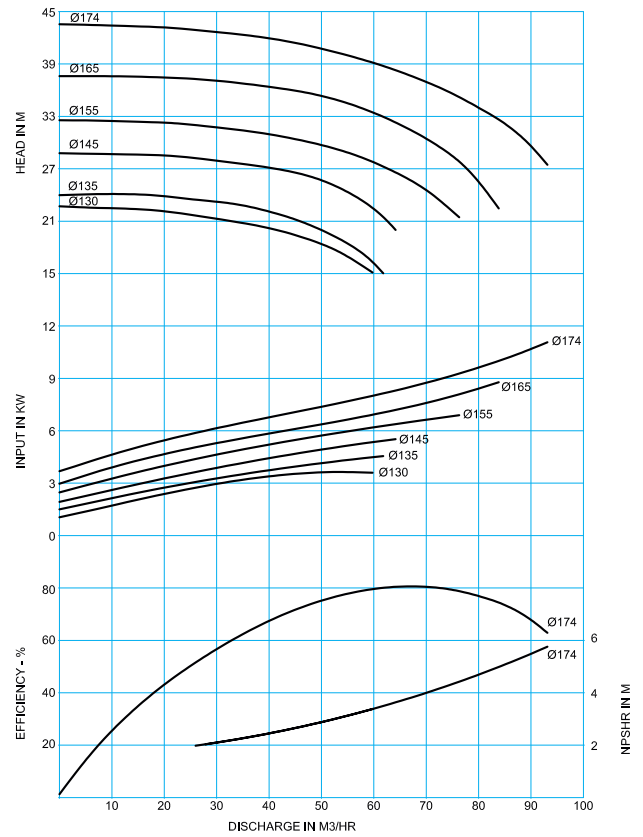
Centrifugal Backpull Out Pumps

Performance Curves • 2900 / 3500 RPM

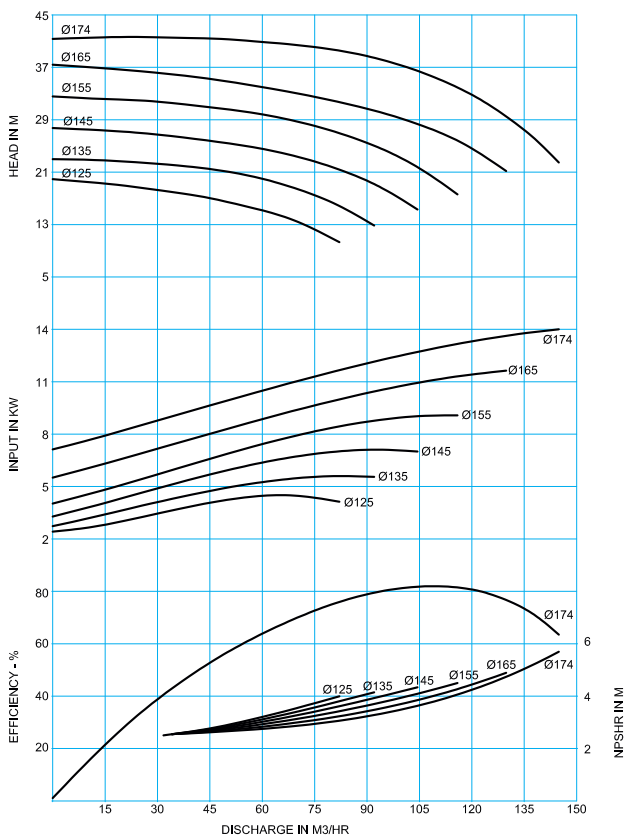
Model : 40-16



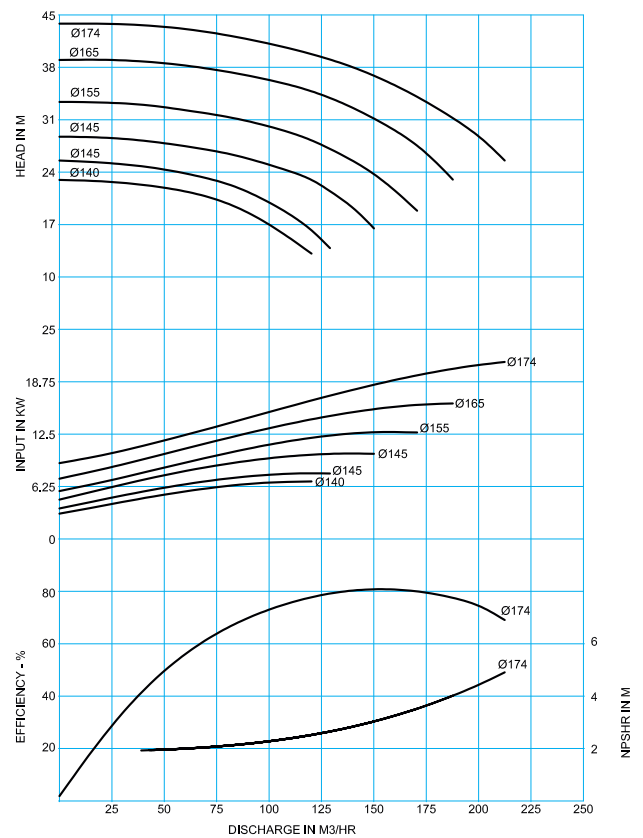
Model : 50-16



Model : 65-16



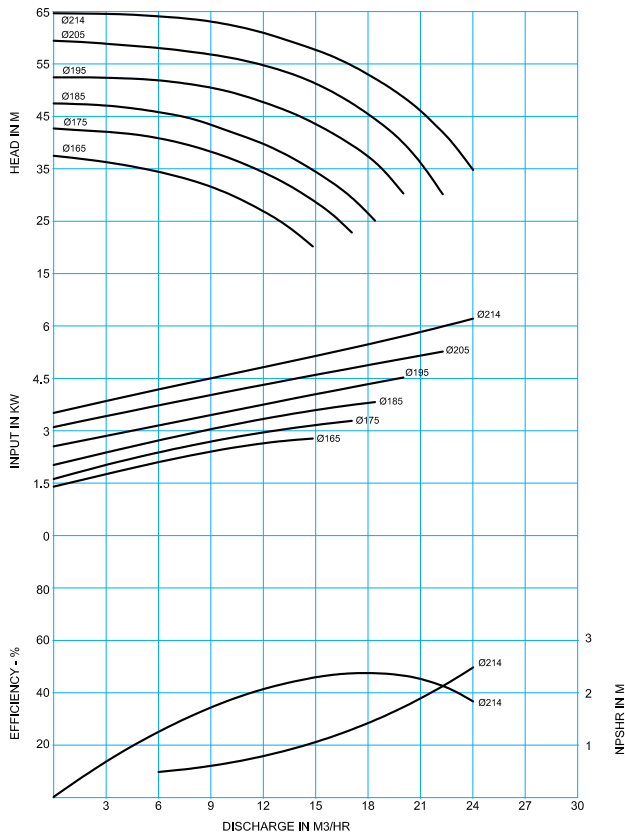
Model : 80-16



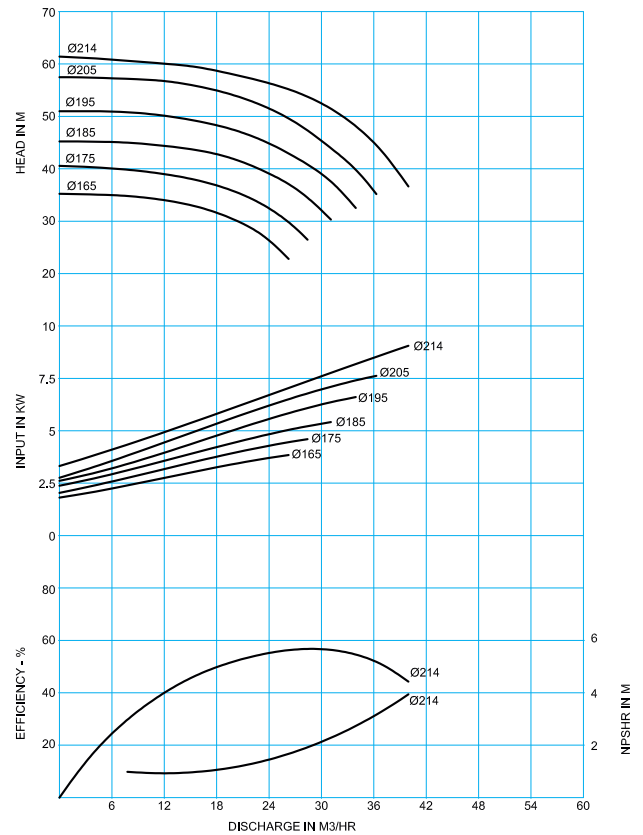
Centrifugal Backpull Out Pumps

Performance Curves • 2900 / 3500 RPM

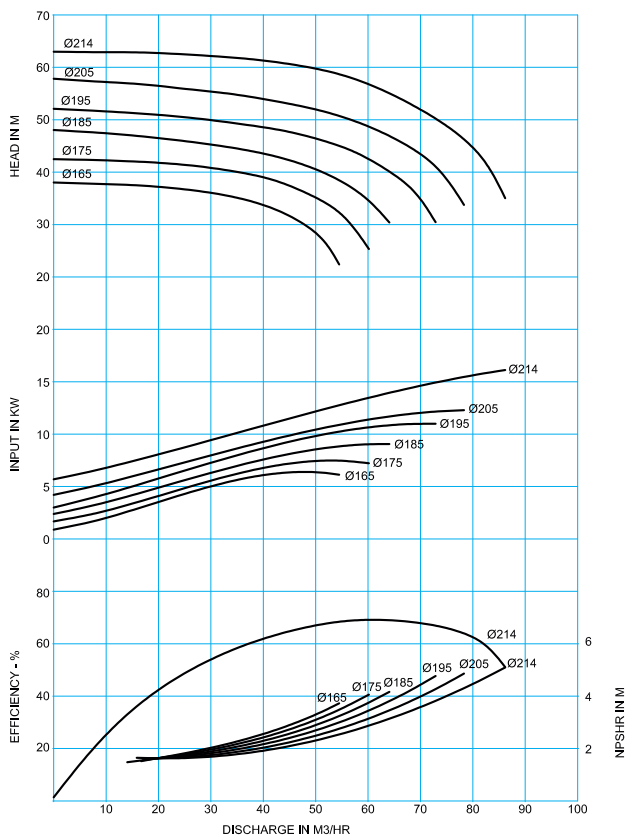
Model : 32-20



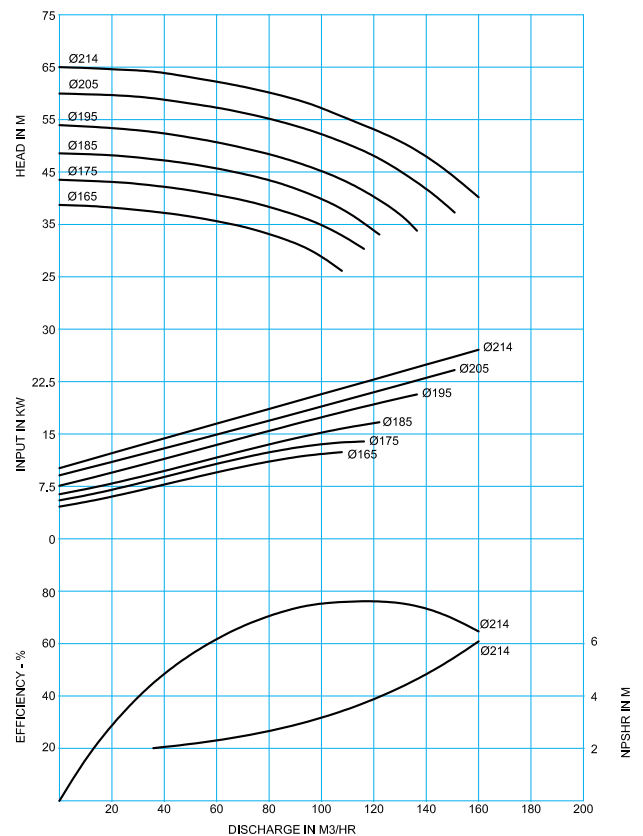
Model : 40-20



Model : 50-20



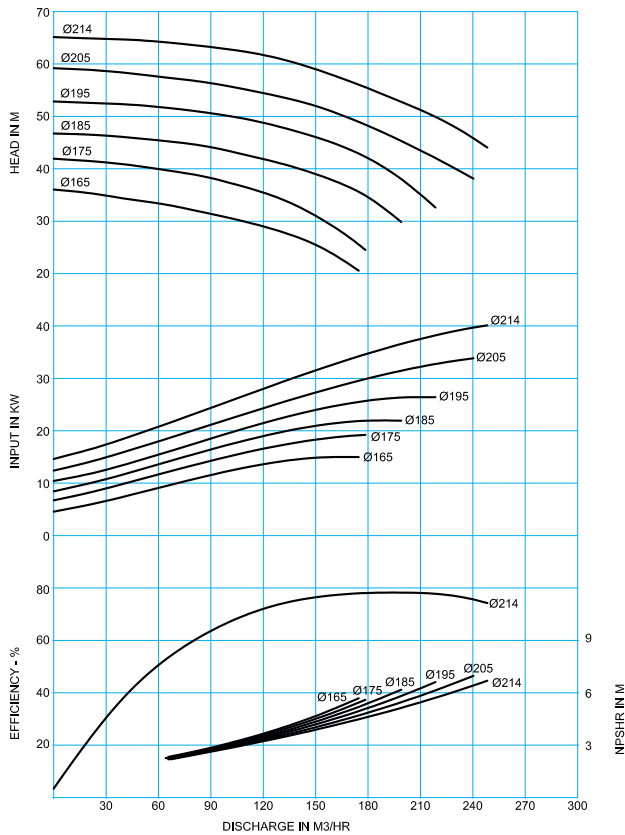
Model : 65-20



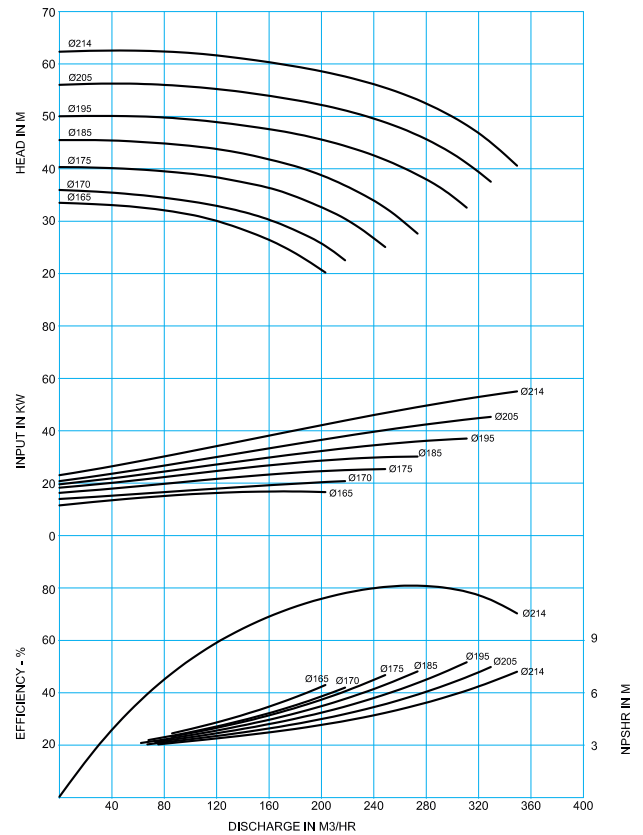
Centrifugal Backpull Out Pumps

Performance Curves • 2900 / 3500 RPM

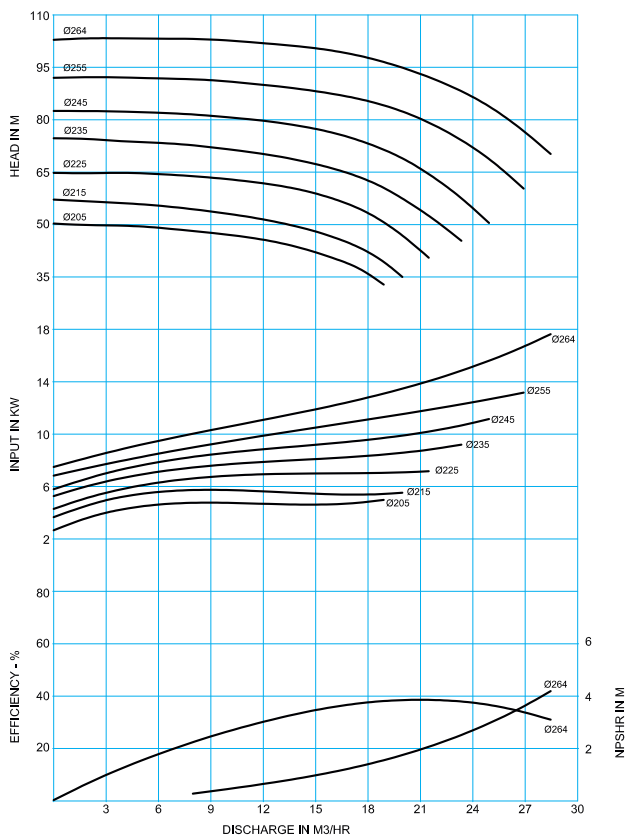
Model : 80-20



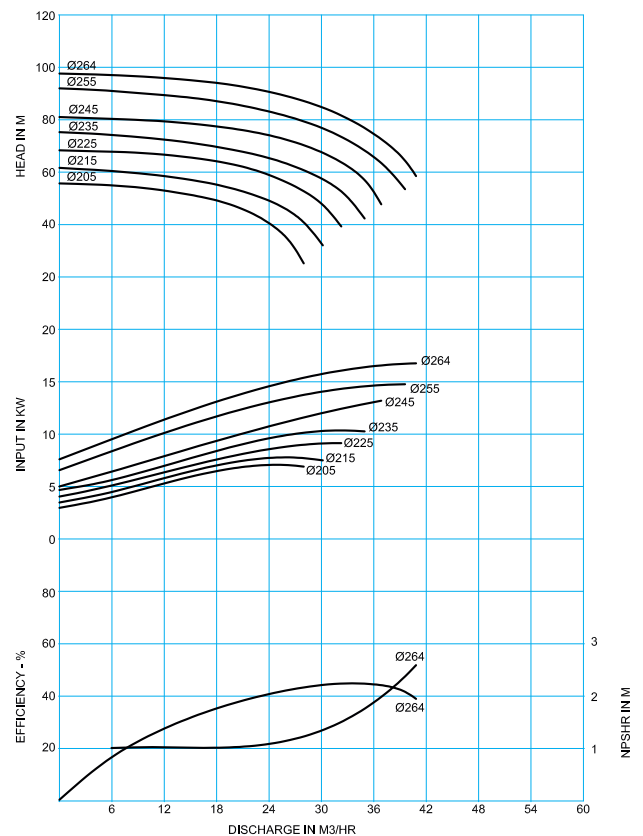
Model : 100-20



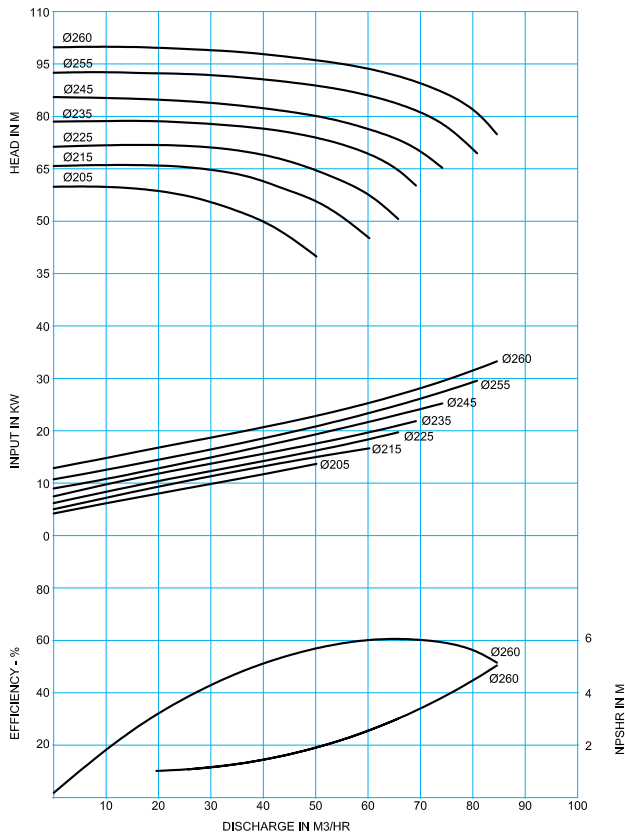
Model : 32-26



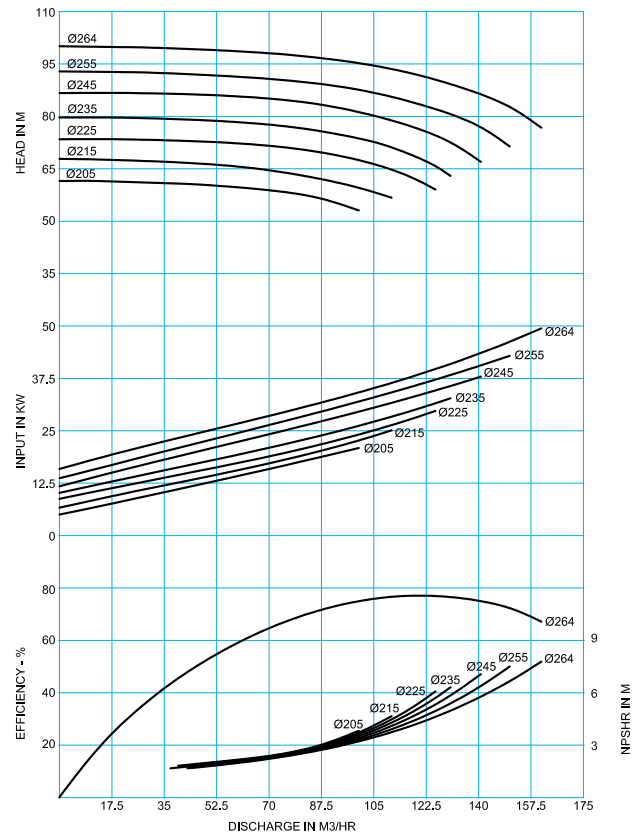
Model : 40-26



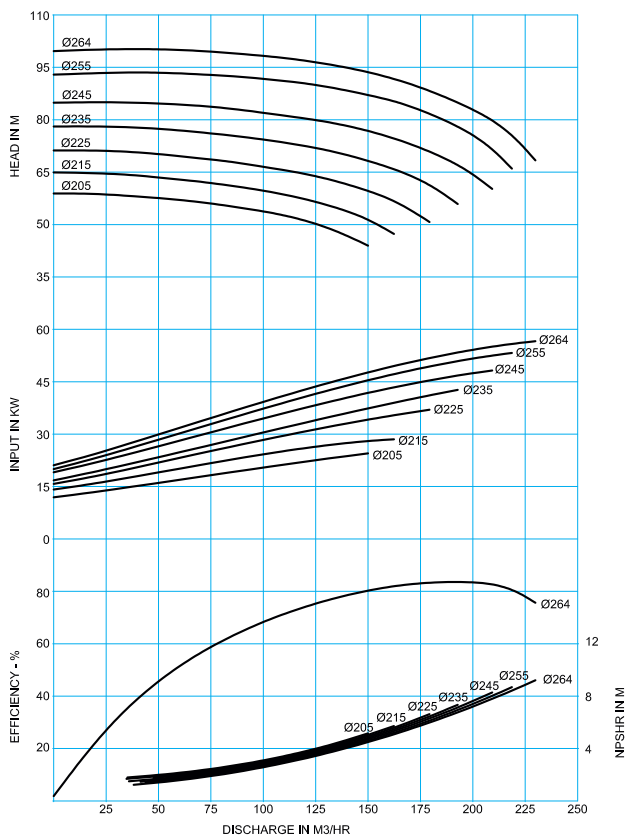
Model : 50-26



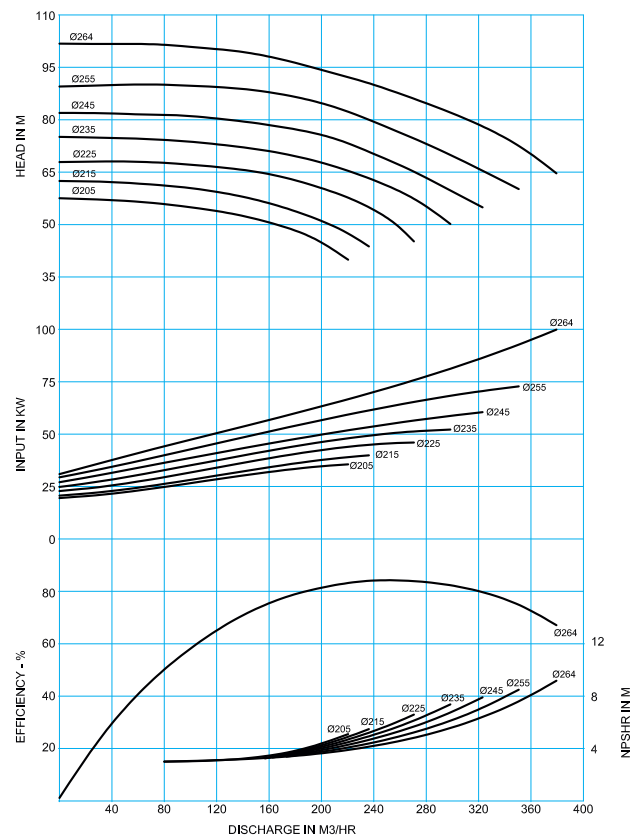
Model : 65-26

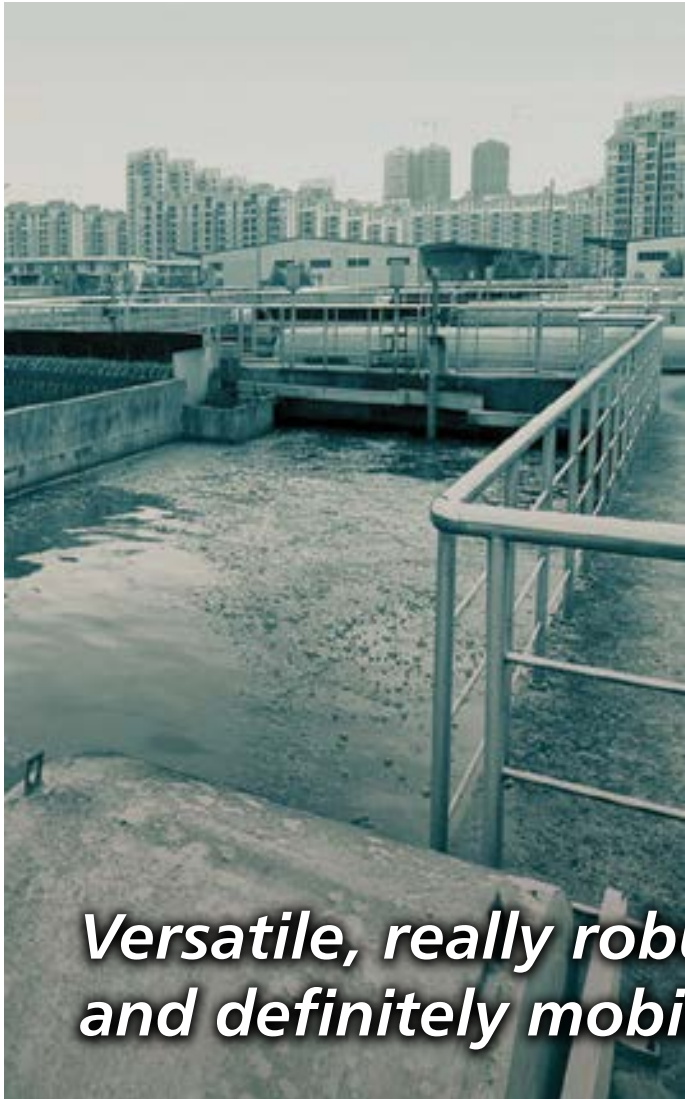


Model : 80-26

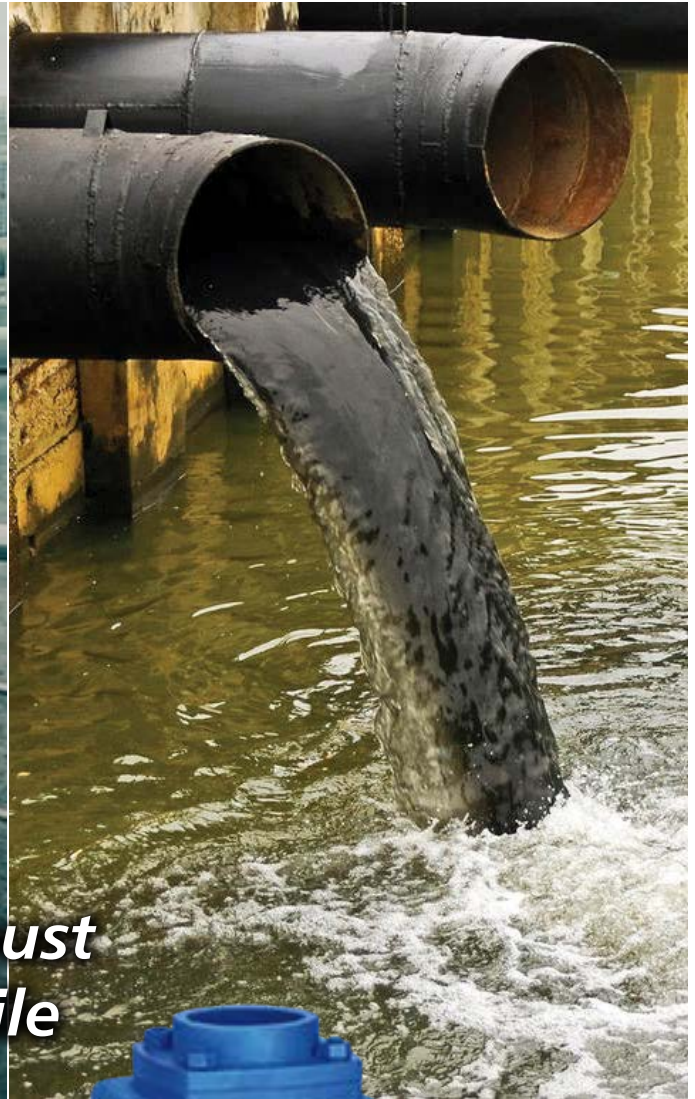


Model : 100-26





*Versatile, really robust
and definitely mobile*



Self priming centrifugal pumps are designed to pump water containing a high percentage of solid or stringy material.

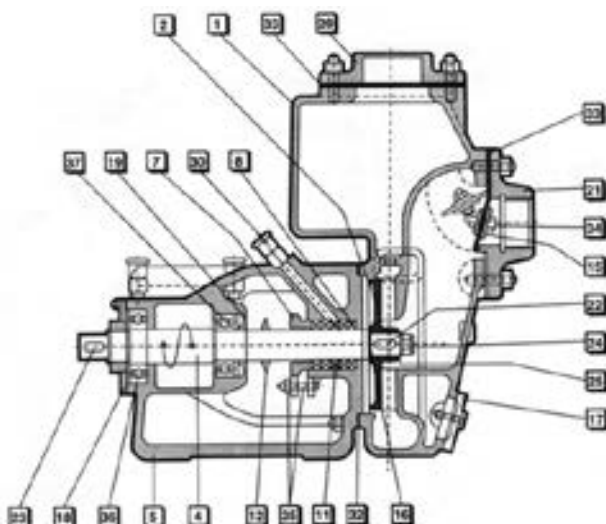
Head upto 35 meters
Capacity upto 266 m³/hr
Solid size 40 mm

- Various industries
- Restaurants & Hotels
- commercial dewatering



Centrifugal Self Priming Pumps

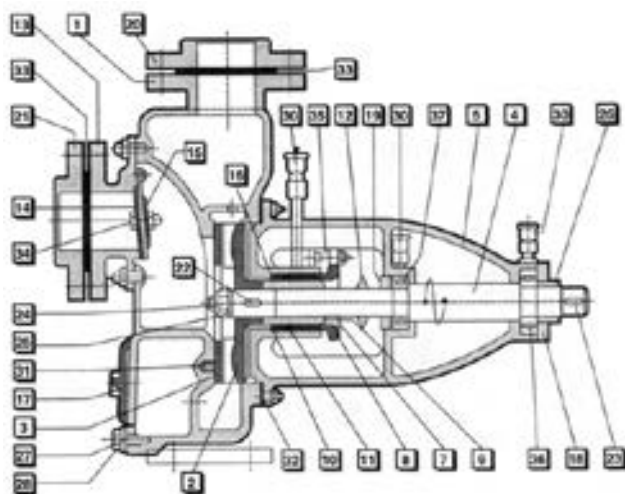
Cross Section • Model : 1.5 MBH SP 7



NO.	DESCRIPTION
1	PUMP BODY
2	IMPELLER (C.I.)
4	PUMP SHAFT
5	BEARING HOUSING
7	GLAND BUSH
8	GLAND PACKING SET
11	LANTERN RING
12	WATER DEFLECTOR
15	WEIGHT FOR FLAP VALVE
16	GASKET (SHIM-BRASS)
17	INSR WINDOW COVER
18	BEARING COVER COUPLING SIDE
19	BEARING COVER (NON-DRIVE END)
20	FLANGE-DELIVERY SIDE
21	FLANGE-SUCTION SIDE

NO.	DESCRIPTION
22	KEY FOR IMPELLER
23	KEY FOR COUPLING
24	25IMPELLER NUT
25	WASHER FOR IMPELLER NUT
30	GREASE CUP
32	PACKING FOR BEARING HOUSING (PAPER)
33	RUBBER PACKING FOR DEL + SUC. FLANGE
34	NUT, BOLT & WASHER FOR FLAP VALVE
35	T-BOLT WITH NUT FOR GLAND-BUSH
36	BEARING AT DRIVE END
37	BEARING AT NON-DRIVE END

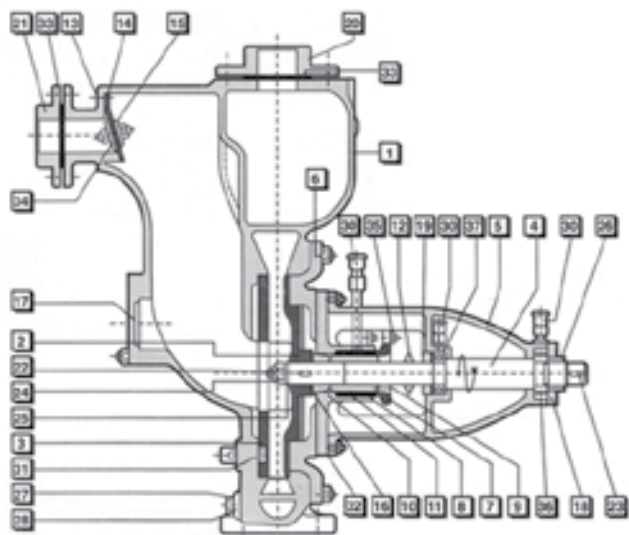
Cross Section • Model : 1.5 MBH SP9, 2 MBH SP 11, 3 MBH SP 16



NO.	DESCRIPTION
1	PUMP BODY
2	IMPELLER (C.I.)
3	WEARING PLATE
4	PUMP SHAFT
5	BEARING HOUSING
6	STUFFING HOUSING
7	GLAND BUSH
8	GLAND PACKING SET
9	SHAFT SLEEVE (S.S.)
10	WASHER FOR STUFFING BOX PACKING
11	LANTERN RING
12	WATER DEFLECTOR
13	SUCTION HOUSING
14	FLAP VALVE (RUBBER)
15	WEIGHT FOR FLAP VALVE
16	GASKET (SHIM-BRASS)
17	INSR WINDOW COVER
18	BEARING COVER COUPLING SIDE
19	BEARING COVER (NON-DRIVE END)
20	FLANGE-DELIVERY SIDE
21	FLANGE-SUCTION SIDE

NO.	DESCRIPTION
22	KEY FOR IMPELLER
23	KEY FOR COUPLING
24	IMPELLER NUT
25	WASHER FOR IMPELLER NUT
26	BEARING LOCK NUT
27	DRAIN PLUG
28	DRAIN PLUG WASHER
29	WATER PLUG (PRIMING HOLE)
30	GREASE CUP
31	COUNTER SUNK SCREW FOR WEAR PLATE
33	PACKING FOR BEARING HOUSING (PAPER)
34	RUBBER PACKING FOR DEL. + SUC. FLANGE
35	NUT, BOLT & WASHER FOR FLAP VALVE
36	T-BOLT WITH NUT FOR GLAND-BUSH
37	BEARING AT DRIVE END
38	BEARING AT NON-DRIVE END

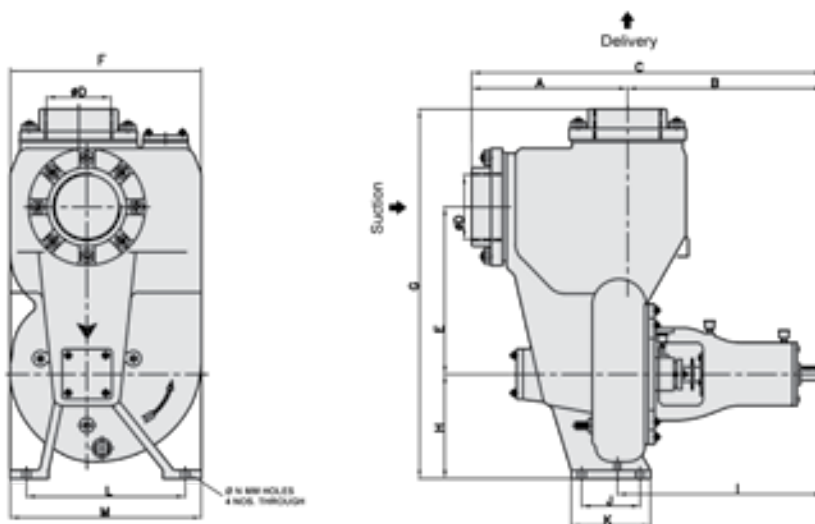
Cross Section • Model : 4 MBH SP 23



No.	DESCRIPTION
1	PUMP BODY
2	IMPELLER (C.I.)
3	WEARING PLATE
4	PUMP SHAFT
5	BEARING HOUSING
6	STUFFING HOUSING
7	GLAND BUSH
8	GLAND PACKING SET
9	SHAFT SLEEVE (S.S.)
10	WASHER FOR STUFFING BOX PACKING
11	LANTERN RING
12	WATER DEFLECTOR
13	SUCTION HOUSING
14	FLAP VALVE (RUBBER)
15	WEIGHT FOR FLAP VALVE
16	GASKET (SHIM-BRASS)
17	INSP. WINDOW COVER
18	BEARING COVER COUPLING SIDE
19	BEARING COVER (NON-DRIVE END)
20	FLANGE-DELIVERY SIDE
21	FLANGE-SUCTION SIDE

No.	DESCRIPTION
22	KEY FOR IMPELLER
23	KEY FOR COUPLING
24	IMPELLER NUT
25	WASHER FOR IMPELLER NUT
26	BEARING LOCK NUT
27	DRAIN PLUG
28	DRAIN PLUG WASHER
29	WATER PLUG (PRIMING HOLE)
30	GREASE CUP
31	COUNTER SUNK SCREW FOR WEAR PLATE
33	PACKING FOR BEARING HOUSING (PAPER)
34	RUBBER PACKING FOR DEL. + SUC. FLANGE
35	NUT, BOLT & WASHER FOR FLAP VALVE
36	T-BOLT WITH NUT FOR GLAND-BUSH
37	BEARING AT DRIVE END
38	BEARING AT NON-DRIVE END

GA Drawing Dimension



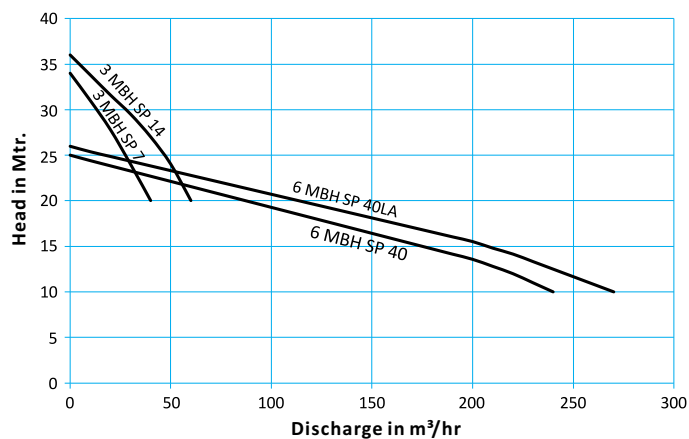
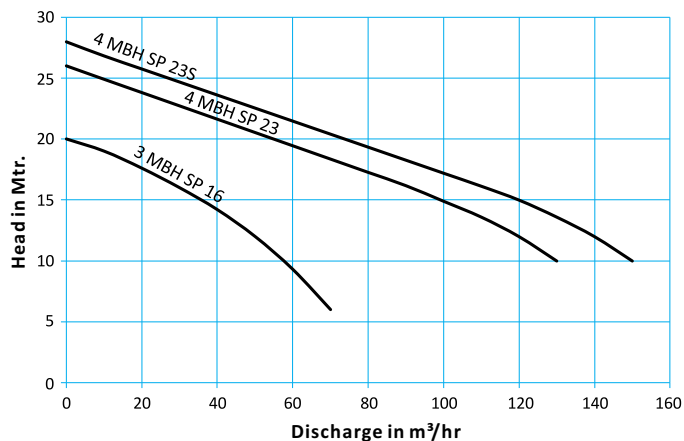
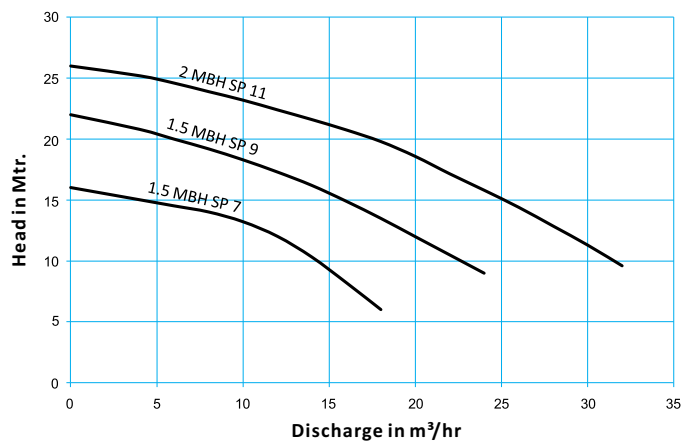
All Dimension are in mm

MODEL	HP	PIPE SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	Weight in KG.
1.5MBHSP7	1/2850	40x40	136	282	418	40	103	180	365	98.5	88	125	176	105	145	ø11	20	32	6	22	ø19	34
1.5MBHSP9	2/2850	40x40	195	365	560	40	80	246	402	130	335	80	120	220	253	ø14	20	30	6	23	ø20	50
2MBHSP11	3/2850	50x50	195	365	560	50	80	255	430	130	335	80	120	220	253	ø14	20	30	6	23	ø20	54
3MBHSP7	5/2850	80x80	232	410	642	80	100	302	518	170	378	95	143	260	310	ø14	25	35	8	27	ø24	91
3MBHSP14	7.5/2850	80x80	232	410	642	80	100	302	518	170	378	95	143	260	310	ø14	25	35	8	27	ø24	83
3MBHSP16	5/1450	80x80	174	416	590	75	170	332	545	205	347	90	140	292	237	ø14	25	35	8	27	ø30	84
4MBHSP23	10/1450	100x100	302	440	742	100	285	475	645	205	381	100	150	380	427	ø14	40	45	8	27.5	ø24	175
4MBHSP23S	12.5/1450	100x100	302	440	742	100	285	475	645	205	381	100	150	380	427	ø14	40	45	8	27.5	ø24	180
6MBHSP40L	20/1450	150x150	373	468	841	150	400	458	869	250	438	140	190	380	458	ø19	45	52	10	35	ø30	215
6MBHSP40	25/1450	150x150	373	468	841	150	400	458	869	250	438	140	190	380	458	ø19	45	52	10	35	ø30	220

Performance Chart • SP Series

No.	Model	Del. Size in mm	Solid Size in mm	HP/KW	RPM		HEAD IN METERS														
							6	8	10	12	14	15	18	20	24	25	26	28	30	32	34
1	1.5 MBH SP 7	40x40	7	1.0/0.75	2900	DISCHARGE IN m ³ /hr	18	16	14	12	8	4									
2	1.5 MBH SP 9	40x40	8.5	2.0/1.5	2900				23	20	17	15	9	3							
3	2 MBH SP 11	50x50	10.5	3.0/2.2	2900				32	31	28	27	22	18	9	5					
4	3 MBH SP 16	80x80	15.5	5.0/3.7	1450		70	66	62	55	48	41	18								
5	4 MBH SP 23	100x100	18.5	10.0/7.5	1450				126	118	109	103	87	76	45	35					
6	4 MBH SP 23S	100x100	23	12.5/9.3	1450				150	141	128	123	107	94	65	57	45				
7	3 MBH SP 7	80x80	7	5.0/3.7	2900									35	29	27	25	21	18	13	
8	3 MBH SP 14	80x80	8	7.5/5.5	2900									54	51	50	48	42	35	27	18
9	6 MBH SP 40	150x150	40	25.0/18.6	1450				267	258	244	209	185	120	97	70					
10	6 MBH SP 40LA	150x150	34	20.0/15.0	1450				237	226	213	205	175	151	82						

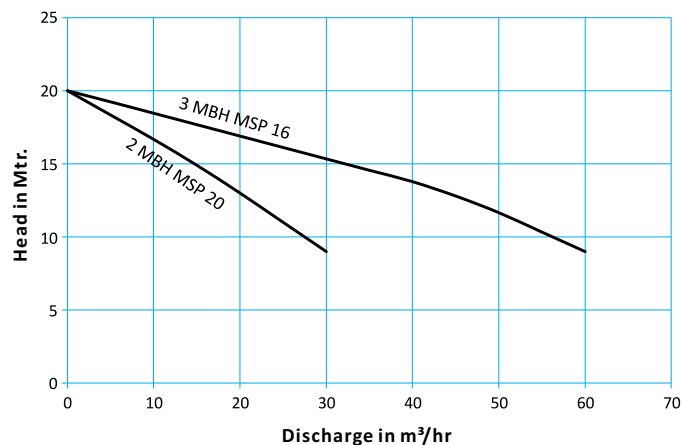
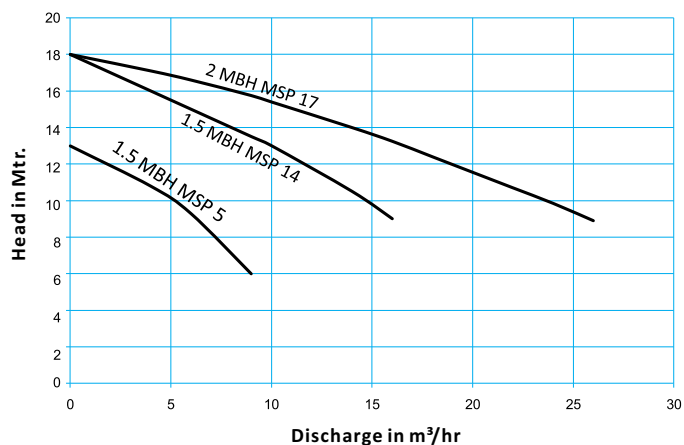
Performance Curves • SP Series



Performance Chart • MSP Series

No.	Model	Del. Size in mm	Solid Size in mm	HP/KW	RPM		HEAD IN METERS						
							6	9	11	13	15	17	19
1	1.5 MBH MSP 5	40x40	5	0.5 / 0.37	2900	DISCHARGE IN m ³ /hr	9	5	4				
2	1.5 MBH MSP 14	40x40	14	1.0 / 0.75	2900			16	14	10	7	3	
3	2 MBH MSP 17	50x50	17	2.0 / 1.5	2900			27	22	17	10	1	
4	2 MBH MSP 20	50x50	20	3.0 / 2.2	2900			32	28	22	16	10	3
5	3 MBH MSP 16	80x80	15.5	5.0 / 3.7	1450			63	54	45	36	20	9

Performance Curves • MSP Series



2 Pole Motor

Output		Speed (RPM)	Current (A)	Torque (Kgm)	Efficiency %			Power Factor			I ST / I ^N	T ST / T ^N	T ^{PO} / T ^N	GD ² (Kgm ²)
KW	HP				FL	3/4 L	1/2 L	FL	3/4 L	1/2 L				
0.37	0.50	2810	0.90	0.13	72.2	72.2	70.0	0.79	0.75	0.70	5.0	2.2	2.6	0.0010
0.55	0.75	2840	1.3	0.19	74.8	74.8	71.0	0.79	0.75	0.70	5.5	2.3	2.7	0.0014
0.75	1.0	2860	1.7	0.26	77.4	77.4	75.0	0.79	0.76	0.72	6.5	2.3	2.7	0.0038
1.1	1.5	2860	2.4	0.37	79.6	79.6	76.0	0.80	0.77	0.73	6.5	2.3	2.7	0.0049
1.5	2.0	2880	3.2	0.51	81.3	81.3	77.0	0.80	0.77	0.73	6.5	2.4	2.8	0.0072
2.2	3.0	2890	4.5	0.74	83.2	83.2	80.0	0.82	0.78	0.74	7.0	2.4	2.8	0.0093
3.7	5.0	2900	7.2	1.24	85.5	85.5	82.0	0.84	0.81	0.77	7.0	2.4	2.8	0.0130
5.5	7.5	2925	10.0	1.83	87.0	87.0	84.0	0.88	0.85	0.80	7.0	2.3	2.7	0.0583
7.5	10.0	2925	13.3	2.50	88.1	88.1	85.0	0.89	0.86	0.82	7.0	2.2	2.5	0.0583
9.3	12.5	2930	16.5	3.09	88.8	88.8	85.5	0.88	0.85	0.80	7.0	2.3	2.8	0.1301
11.0	15.0	2935	19.5	3.65	89.4	89.4	86.0	0.88	0.85	0.80	7.0	2.3	2.8	0.1301
15.0	20.0	2940	26.4	4.97	90.3	90.3	86.5	0.88	0.85	0.80	7.0	2.3	2.8	0.1705
18.5	25.0	2940	32.0	6.13	90.9	90.9	87.0	0.88	0.85	0.80	7.0	2.3	2.8	0.1974
22.0	30.0	2945	38.0	7.28	91.3	91.3	88.0	0.88	0.85	0.80	7.0	2.3	2.7	0.1972
30.0	40.0	2955	51.0	9.89	92.0	92.0	89.0	0.89	0.86	0.81	7.0	2.3	2.7	0.4468
37.0	50.0	2960	62.8	12.18	92.5	92.5	89.5	0.89	0.86	0.81	7.0	2.3	2.7	0.5257
45.0	60.0	2960	76.0	14.81	92.9	92.9	90.0	0.89	0.86	0.81	7.0	2.3	2.7	0.6722
55.0	75.0	2965	91.0	18.07	93.2	93.2	90.5	0.90	0.87	0.83	7.0	2.3	2.7	1.0690
75.0	100.0	2975	124.0	24.55	93.8	93.8	91.0	0.90	0.87	0.83	7.0	2.3	2.7	2.2591
90.0	120.0	2975	148.0	29.47	94.1	94.1	91.5	0.90	0.87	0.83	7.0	2.3	2.7	2.4850
110.0	150.0	2980	180.0	35.95	94.3	94.3	91.8	0.90	0.87	0.83	7.0	2.2	2.6	3.3595
125.0	170.0	2980	204.0	40.86	94.5	94.5	92.0	0.90	0.87	0.83	7.0	2.2	2.6	3.9994
132.0	180.0	2980	216.0	43.14	94.6	94.6	92.0	0.90	0.87	0.83	7.0	2.2	2.6	3.9994
160.0	215.0	2985	260.0	52.21	94.8	94.8	92.5	0.90	0.87	0.83	7.0	2.2	2.6	4.6393

4 Pole Motor

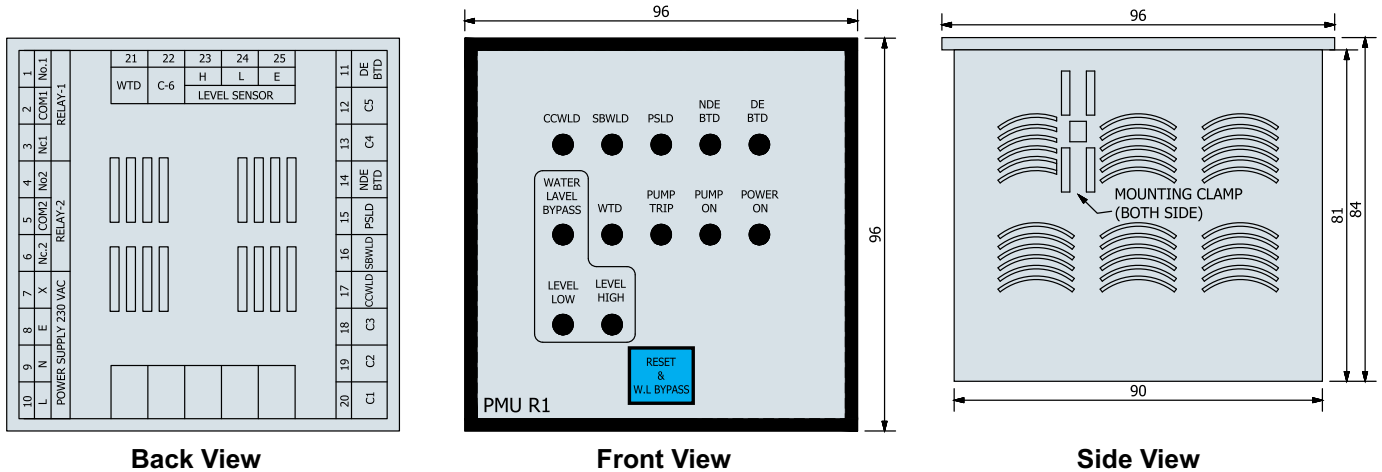
Output		Speed (RPM)	Current (A)	Torque (Kgm)	Efficiency %			Power Factor			I ST / I ^N	T ST / T ^N	T ^{PO} / T ^N	GD ² (Kgm ²)
KW	HP				FL	3/4 L	1/2 L	FL	3/4 L	1/2 L				
0.37	0.50	1390	1.0	0.26	70.1	70.1	65.0	0.73	0.67	0.58	6.0	1.9	2.3	0.0022
0.55	0.75	1420	1.4	0.38	75.1	75.1	71.0	0.73	0.67	0.58	6.0	1.9	2.3	0.0038
0.75	1.0	1415	1.7	0.52	79.6	79.6	75.0	0.77	0.70	0.63	6.0	2.5	3.0	0.0062
1.1	1.5	1430	2.4	0.75	81.4	81.4	80.0	0.78	0.73	0.65	6.0	2.5	3.0	0.0093
1.5	2.0	1430	3.2	1.02	82.8	82.8	81.0	0.79	0.74	0.65	6.0	2.4	2.8	0.0134
2.2	3.0	1440	4.4	1.49	84.3	84.3	82.5	0.83	0.76	0.65	6.5	2.4	2.8	0.0182
3.7	5.0	1445	7.1	2.49	86.3	86.3	85.0	0.84	0.80	0.68	7.0	2.4	2.8	0.0404
5.5	7.5	1450	10.5	3.69	87.7	87.7	86.0	0.83	0.79	0.72	7.0	2.4	2.8	0.0676
7.5	10.0	1450	14.1	5.04	88.7	88.7	87.0	0.83	0.79	0.72	7.0	2.2	2.6	0.1013
9.3	12.5	1455	17.5	6.23	89.3	89.3	87.5	0.83	0.80	0.72	7.0	2.2	2.6	0.1696
11.0	15.0	1455	20.5	7.36	89.8	89.8	88.0	0.83	0.80	0.72	7.0	2.2	2.6	0.1871
15.0	20.0	1455	27.5	10.04	90.6	90.6	89.0	0.84	0.80	0.73	7.0	2.2	2.6	0.2573
18.5	25.0	1460	33.5	12.34	91.2	91.2	90.5	0.84	0.80	0.74	7.0	2.3	2.6	0.3222
22.0	30.0	1460	40.0	14.68	91.6	91.6	90.5	0.84	0.80	0.74	7.0	2.3	2.6	0.3790
30.0	40.0	1465	54.0	19.95	92.3	92.3	91.0	0.84	0.80	0.74	7.0	2.3	2.6	0.7298
37.0	50.0	1470	65.0	24.52	92.7	92.7	91.5	0.85	0.83	0.77	7.0	2.3	2.6	1.1642
45.0	60.0	1475	78.0	29.72	93.1	93.1	92.0	0.86	0.83	0.77	7.0	2.3	2.6	1.3970
55.0	75.0	1480	94.0	36.20	93.5	93.5	93.0	0.87	0.84	0.79	7.0	2.3	2.6	1.9856
75.0	100.0	1482	128.0	49.29	94.0	94.0	93.5	0.87	0.84	0.79	7.0	2.2	2.5	3.5195
90.0	120.0	1482	152.0	59.15	94.2	94.2	93.5	0.87	0.84	0.80	7.0	2.2	2.5	4.1594
110.0	150.0	1485	187.0	72.15	94.5	94.5	93.7	0.87	0.84	0.80	7.0	2.2	2.5	7.7057
125.0	170.0	1485	215.0	81.99	94.6	94.6	93.8	0.86	0.84	0.80	7.0	2.2	2.5	8.8912
132.0	180.0	1485	226.0	86.58	94.7	94.7	94.0	0.86	0.84	0.80	7.0	2.2	2.5	8.8912
160.0	215.0	1485	272.0	104.94	94.9	94.9	94.2	0.86	0.84	0.80	7.0	2.2	2.5	10.3731

6 Pole Motor

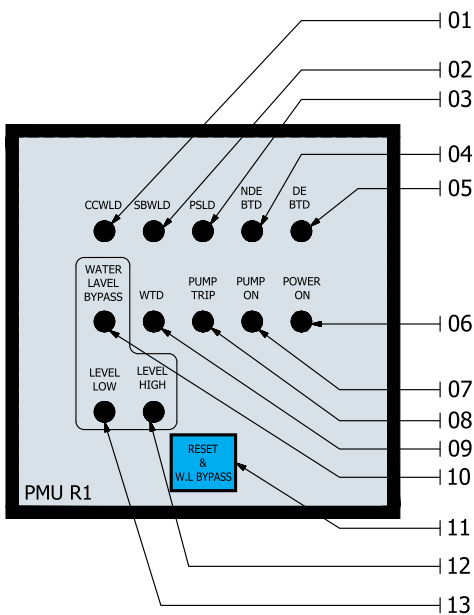
Output		Speed (RPM)	Current (A)	Torque (Kgm)	Efficiency %			Power Factor			I ST / I ^N	T ST / T ^N	T ^{PO} / T ^N	GD ² (Kgm ²)
KW	HP				FL	3/4 L	1/2 L	FL	3/4 L	1/2 L				
0.37	0.50	925	1.0	0.39	69.0	69.0	64.0	0.75	0.65	0.54	4.5	1.9	2.2	0.0049
0.55	0.75	930	1.5	0.58	72.9	72.9	67.0	0.70	0.63	0.52	4.5	2.2	2.6	0.0063
0.75	1.0	935	2.0	0.78	75.9	75.9	73.0	0.69	0.63	0.52	5.0	2.1	2.5	0.0122
1.1	1.5	935	2.7	1.15	78.1	78.1	74.0	0.73	0.68	0.54	5.0	2.1	2.5	0.0176
1.5	2.0	945	3.4	1.55	79.8	79.8	77.0	0.77	0.70	0.56	5.5	2.1	2.5	0.0269
2.2	3.0	950	4.8	2.26	81.8	81.8	78.5	0.78	0.71	0.58	6.0	2.1	2.5	0.0467
3.7	5.0	950	7.6	3.79	84.3	84.3	80.0	0.80	0.74	0.62	6.0	2.2	2.6	0.0991
5.5	7.5	955	11.0	5.61	86.0	86.0	83.0	0.81	0.76	0.62	6.5	2.2	2.6	0.1321
7.5	10.0	960	14.6	7.61	87.2	87.2	84.0	0.82	0.77	0.65	7.0	2.2	2.6	0.2625
9.3	12.5	965	18.0	9.39	88.0	88.0	85.0	0.82	0.77	0.65	7.0	2.1	2.5	0.3440
11.0	15.0	970	21.0	11.05	88.7	88.7	86.0	0.82	0.77	0.65	7.0	2.1	2.5	0.4164
15.0	20.0	970	29.0	15.06	89.7	89.7	86.5	0.80	0.75	0.65	7.0	2.1	2.5	0.5949
18.5	25.0	975	35.6	18.48	90.4	90.4	87.0	0.80	0.75	0.65	7.0	2.1	2.5	0.8605
22.0	30.0	975	42.0	21.98	90.9	90.9	87.5	0.80	0.75	0.65	7.0	2.1	2.5	1.1642
30.0	40.0	975	56.0	29.97	91.7	91.7	88.0	0.81	0.77	0.66	7.0	2.1	2.4	1.4702
37.0	50.0	980	68.0	36.77	92.2	92.2	89.0	0.82	0.79	0.70	7.0	2.1	2.4	2.0474
45.0	60.0	983	80.0	44.59	92.7	92.7	89.4	0.84	0.81	0.73	7.0	2.2	2.4	3.8890
55.0	75.0	983	98.0	54.50	93.1	93.1	89.7	0.84	0.81	0.73	7.0	2.2	2.4	4.8613
75.0	100.0	986	133.0	74.09	93.7	93.7	90.0	0.84	0.81	0.73	7.0	2.1	2.4	7.2611
90.0	120.0	986	159.0	88.90	94.0	94.0	92.0	0.84	0.81	0.74	7.0	2.1	2.4	8.5948
110.0	150.0	986	192.0	108.66	94.3	94.3	92.0	0.85	0.82	0.75	7.0	2.1	2.4	10.3731
125.0	170.0	987	215.0	123.35	94.4	94.4	92.5	0.86	0.83	0.76	7.0	2.1	2.4	10.3731
132.0	180.0	987	227.0	130.26	94.6	94.6	93.0	0.86	0.83	0.76	7.0	2.1	2.4	10.3731
160.0	215.0	988	280.0	157.73	94.8	94.8	94.0	0.84	0.82	0.75	7.0	2.1	2.4	19.1900
200.0	270.0	988	345.0	197.17	95.0	95.0	94.5	0.85	0.82	0.75	7.0	2.1	2.4	21.0176

Pump Monitoring Unit (PMU)

Dimension Drawing of PMU



PMU Control Details



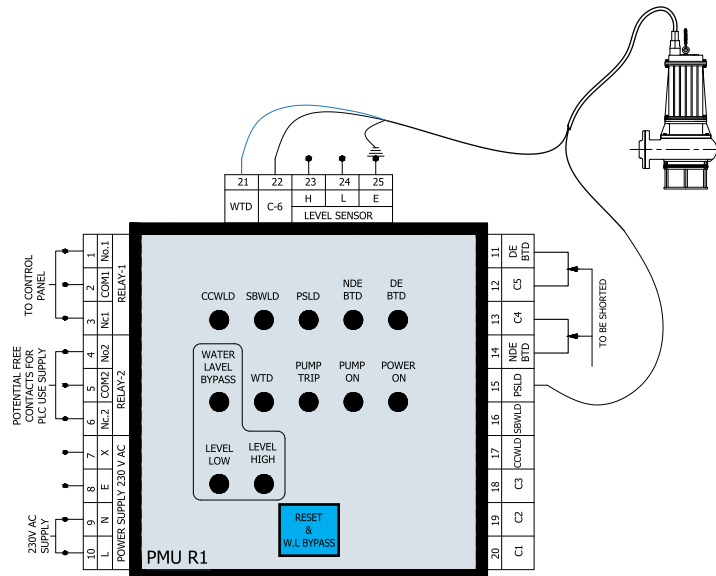
NO.	DESCRIPTION
01	CCWLD : When this LED glows "RED" Water leakage found in Cable Connection Chamber
02	SBWLD : When this LED glows "RED" Water leakage found in Stator Body
03	PSLD : When this LED glows "RED" Leakage found in Primary Seal simultaneously water may come in the Oil-Chamber
04	UBTD (NDE) : When this LED glows "RED" Upper / Lower Bearing temperature goes above it normal condition more than 90 Degrees
05	LBTD (DE) : When this LED glows "RED" Upper / Lower Bearing temperature goes above it normal condition more than 90 Degrees
06	PUMP TRIP : When this LED glows "RED" it is considered that pump is been tripped and fault may occur as per above mentioned conditions
07	POWER ON : When this LED glows "RED" Power is feed to PMU
08	PUMP ON : When this LED glows "RED" it indicates pump is ON
09	RESET & WL BYPASS SWITCH : Condition 1: With the help of this "button" you can "Reset" PMU, By single press of this button Condition 2: With the help of this "Button" you can bypass water level condition and allow pump to work without considering it. By long press (3 seconds) you can active to Reset water level by pass system
10	WTD : When this LED glows "RED" Winding temperature rises on or above 130 Degrees
11	WATER LEVEL BY PASS INDICATOR : When this LED glows "RED": it is considered that water level bypass system is activated & pump works normally without considering such water level
12	HIGH LEVEL : When this LED glows "RED" water level reaches to "High level"
13	LOW LEVEL : When this LED glows "RED" Water level reaches to "Lower level"

Connection Diagram

4 CORE CONTROL CABLE

PUMP SIDE	FERRULES	PMU SIDE	
GRAY	T1	WTD	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
WHITE	T2	C6	
BLACK	M1	PSLD	
BROWN	E	E	

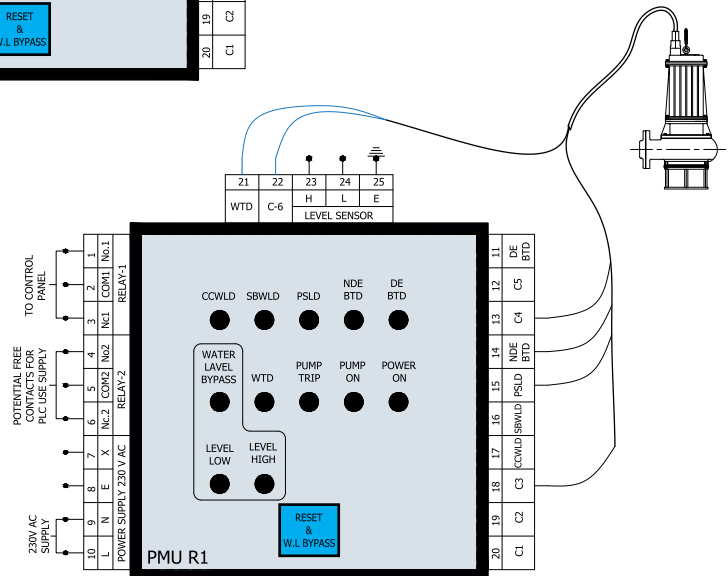
WATER LEVEL SENSOR	PMU SIDE	
BLUE	H	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
RED	L	
GREEN	E	



7 CORE CONTROL CABLE

PUMP SIDE	FERRULES	PMU SIDE	
BLUE	M	PSLD	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
BLUE WITH WHITE LINE	M1	C3	
GREEN	BT1	NDE BTD	
GREEN WITH WHITE LINE	BT1	C4	
GRAY	T1	WTD	
GRAY WITH WHITE LINE	T2	C6	
GRAY	E	E	

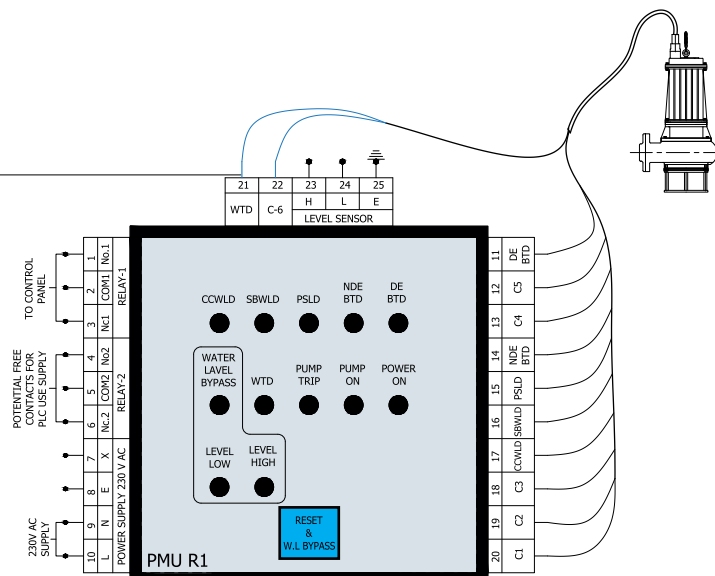
WATER LEVEL SENSOR	PMU SIDE	
BLUE	H	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
RED	L	
GREEN	E	



12 CORE CONTROL CABLE

PUMP SIDE	FERRULES	PMU SIDE	
RED	M1	CCWLD	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
RED WITH WHITE LINE	M1	C1	
YELLOW	M2	SBWLD	
YELLOW WITH WHITE LINE	M2	C2	
BLUE	M3	PSLD	
BLUE WITH WHITE LINE	E	E	
GREEN	BT1	NDE BTD	
GREEN WITH WHITE LINE	BT1	C4	
BLACK	BT2	DE BTD	
BLACK WITH WHITE LINE	BT2	C5	
GRAY	T1	WTD	
GRAY WITH WHITE LINE	T2	C6	

WATER LEVEL SENSOR	PMU SIDE	
BLUE	H	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
RED	L	
GREEN	E	



- Note : 1) 5 sec. delay to initiation this instruments when power to pump.
2) Please connect control cable from pump side to PMU as per ferrule code or color code on cable.

Water Level Sensor Diagram

1. WHILE PUMP IS WORKING :

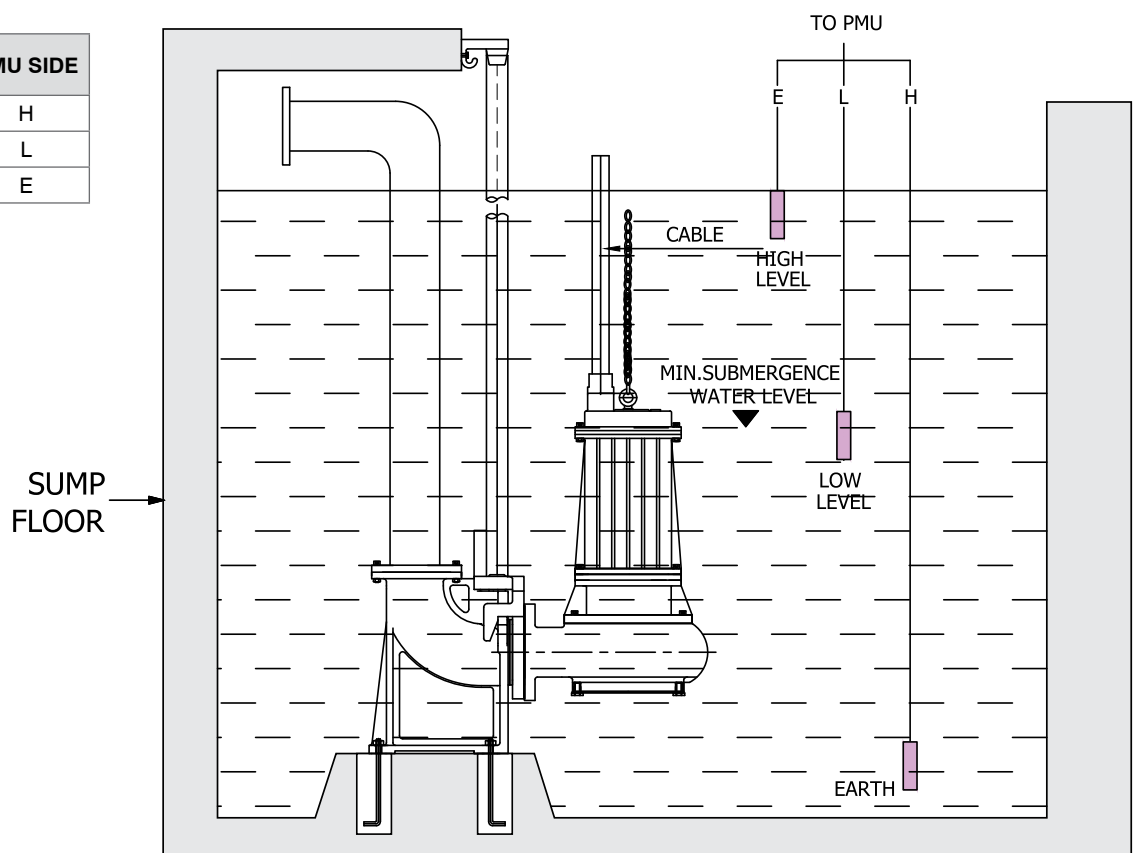
- Level of water decrease from high level to low level.
- when it reaches to the low level, PMU send signal to electrical panel, which “STOP” the pump immediately to avoid dry run.

2. WHILE PUMP IS STOP :

- Water reaches to the high level from low level, immediately PMU send signal to panel to “START” the pump.

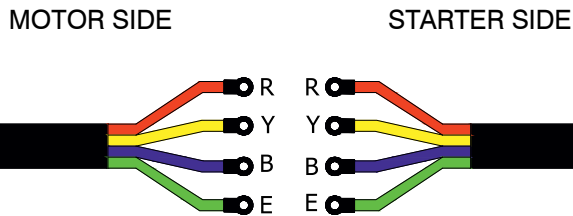
3. Water level sensor are connected with PMU are provided with extra cost.

SENSOR SIDE COLOR CODE	PMU SIDE
BLUE	H
RED	L
GREEN	E

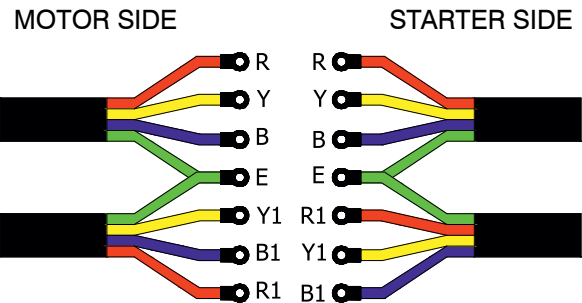


Power / Control Cable Connection Details

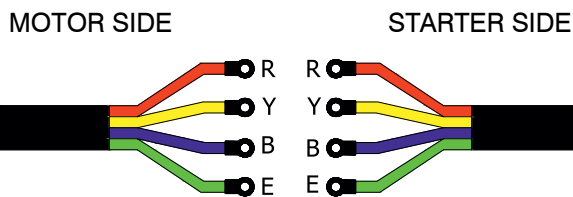
D.O.L. CONNECTION POWER CABLE



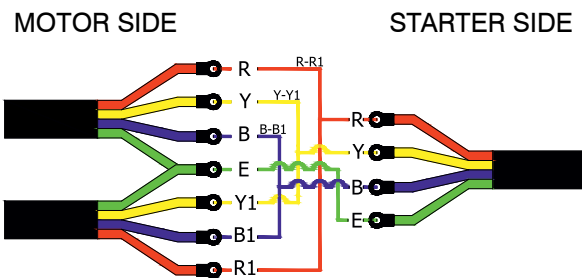
STAR DELTA CONNECTION POWER CABLE



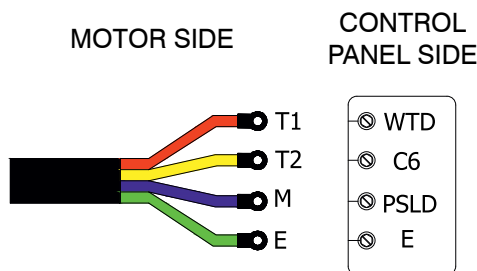
ATS CONNECTION POWER CABLE



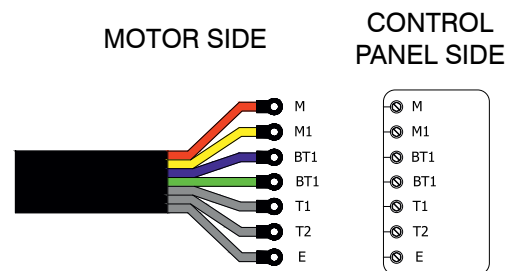
ATS CONNECTION 2 PARALLEL POWER CABLE



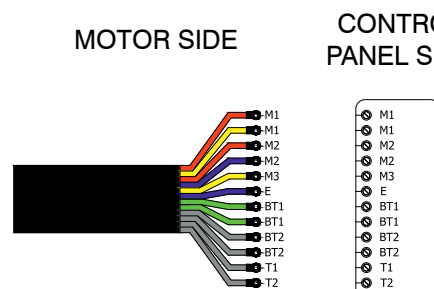
4 CORE CONNECTION CONTROL CABLE



7 CORE CONNECTION CONTROL CABLE



12 CORE CONNECTION CONTROL CABLE





“ Fresh water is becoming increasingly scarce worldwide.
That is why we consider it as our responsibility to develop pumps
and systems that can use to obtain and use this precious resource
in the most efficient way possible – now and in the future.”

*Specifications and performance are subject to change without prior notice.
Images used are for illustration purpose only.*

MBH[®]
PUMPS

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