



Industrial Pumps

50 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

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Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz



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

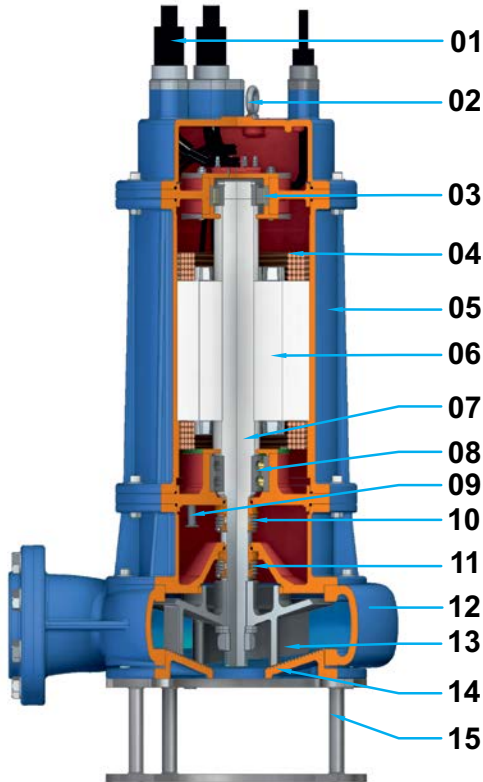
Flow rate upto 2000 m³/hr
Maximum head 62 m
Motor upto 222 kW
Solid handling size upto 150 mm

Available with auto-coupling
guide-rail system



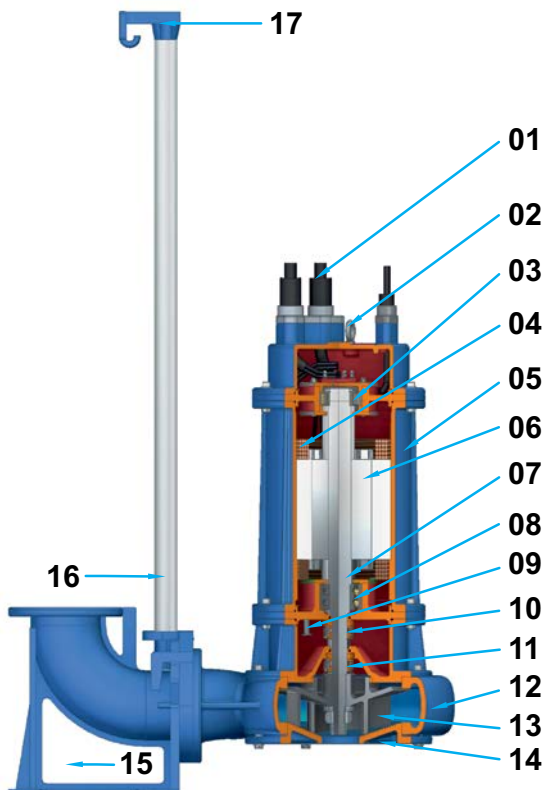
Submersible Sewage Pumps

Cross Section • Standard



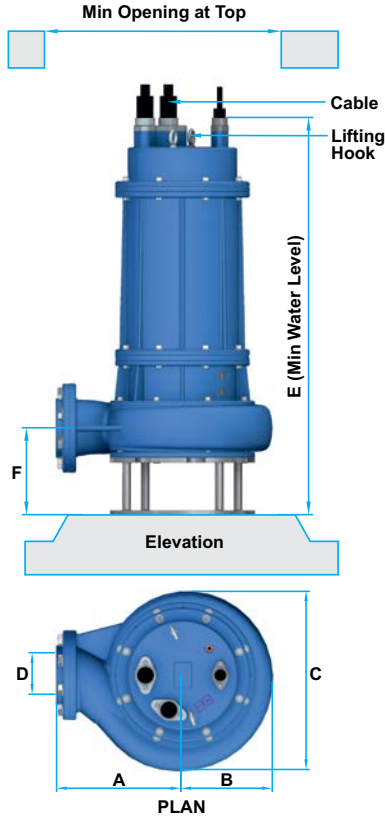
NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR/PVC INSULATED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
05	STATOR BODY	C.I. IS-210, FG260
06	ROTOR	ALU. DYE-CAST
07	ROTOR SHAFT	S.S. 410
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
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	H07RN-F EPR/PVC INSULATED
02	LIFTING HOOK	S.S. 304
03	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
04	THERMISTOR SENSOR (WTD)	GHANACON
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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 • Without Auto Coupling



2900 RPM (2 POLE)

All Dimension are in mm

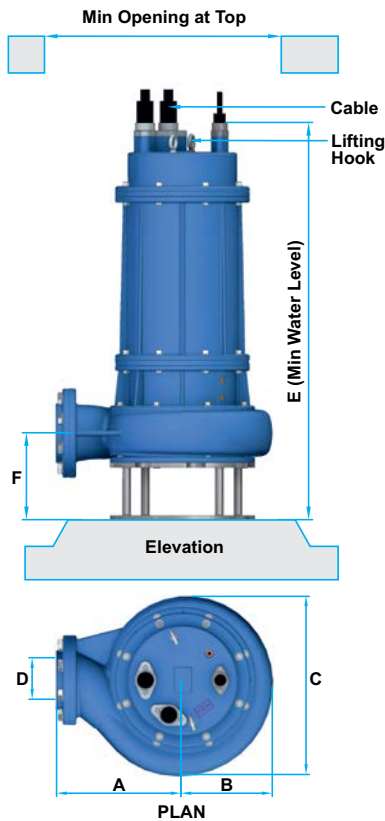
MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2NSC5C4A	682	225	157	320	100	748	198	92	20x18x36	156
2NSC7.5C4A	675	215	160	321	100	821	198	135	20x18x39	202
2NSC10C4A	675	215	160	321	100	821	198	150	20x18x39	220
2NSC12.5C4A	800	288	212	422	100	852	188	185	25x22x41	265
2NSC12.5C3B	733	245	188	372	80	827	178	185	22x20x40	265
2NSC15C4A	800	288	212	422	100	852	188	194	25x22x41	277
2NSC15C3B	733	245	188	372	80	827	178	194	22x20x40	277
2NSC20C4A	800	288	212	422	100	987	188	210	25x22x46	293
2NSC20C3B	733	245	188	372	80	967	178	210	22x20x45	293
2NSC20C2.5C	733	245	188	372	65	967	178	210	22x20x45	293
2NSC25C4A	800	288	212	422	100	1052	188	235	25x22x48	330
2NSC25C3B	733	245	188	372	80	1032	178	235	22x20x48	330
2NSC25C2.5C	733	245	188	372	65	1032	178	235	22x20x48	330
2NSC30C4A	800	288	212	422	100	1096	190	240	25x22x50	335
2NSC40C4A	800	288	212	422	100	1196	190	292	25x22x54	390

1450 RPM (4 POLE)

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.
4NSC2C4A	682	225	157	320	100	796	198	71	20x18x38	90
4NSC3C4A	682	225	157	320	100	821	198	105	20x18x39	130
4NSC3.0C4B	800	288	212	422	100	810	188	105	25x22x39	130
4NSC5C4A	675	215	160	321	100	821	198	163	20x18x39	230
4NSC5C4B	800	288	212	422	100	802	188	148	25x22x39	225
4NSC7.5C4A	675	215	160	321	100	871	198	187	20x18x41	257
4NSC7.5C4B	800	288	212	422	100	852	188	168	25x22x41	248
4NSC10C4A	775	265	210	415	100	971	201	196	24x21x45	287
4NSC10C6B	889	330	259	515	150	1007	236	202	28x25x47	322
4NSC12.5C4A	775	265	210	415	100	1011	201	211	24x21x47	302
4NSC12.5C6B	889	330	259	515	150	1047	236	217	28x25x48	343
4NSC15C4A	775	265	210	415	100	1036	201	223	24x21x48	317
4NSC15C6B	889	330	259	515	150	1072	236	229	28x25x49	360
4NSC20C4A	826	300	226	449	100	1088	232	295	26x23x50	406
4NSC20C6B	889	330	259	515	150	1099	238	315	28x25x50	446
4NSC25C4A	826	300	226	449	100	1133	232	324	26x23x52	435
4NSC25C6B	889	330	259	515	150	1144	238	340	28x25x52	475
4NSC30C4A	826	300	226	449	100	1233	232	356	26x23x56	474
4NSC30C6B	889	330	259	515	150	1244	238	375	28x25x56	514
4NSC40C4A	910	350	260	515	100	1321	266	478	29x25x59	621
4NSC40C6B	984	378	306	607	150	1336	272	494	32x29x60	653
4NSC40C8C	967	390	277	552	200	1372	299	511	31x27x61	673
4NSC50C4A	910	350	260	515	100	1346	266	491	29x25x60	639
4NSC50C6B	984	378	306	607	150	1361	272	516	32x29x61	679
4NSC50C8C	967	390	277	552	200	1397	299	534	31x27x62	696
4NSC60C4A	910	350	260	515	100	1396	266	538	29x25x62	690
4NSC60C6B	984	378	306	607	150	1411	272	546	32x29x63	709
4NSC60C8C	967	390	277	552	200	1447	299	563	31x27x64	730
4NSC75C8B	967	390	277	552	200	1457	299	785	31x27x64	952
4NSC75C10C	1295	564	431	850	250	1477	299	865	44x38x65	1032
4NSC85C8B	967	390	277	552	200	1491	299	807	31x27x66	983
4NSC85C10C	1295	564	431	850	250	1511	299	887	44x38x66	1063
4NSC100S8B	967	390	277	552	200	1581	299	845	31x27x69	1021
4NSC100S10C	1295	564	431	850	250	1601	299	915	44x38x70	1091
4NSC120S8A	1067	448	319	635	200	1760	316	1233	35x30x76	1449
4NSC120S10C	1295	564	431	850	250	1806	362	1300	44x38x78	1516
4NSC120S12B	1195	506	389	760	300	1806	362	1253	40x35x78	1525
4NSC120S14D	1398	620	478	943	350	1831	374	1313	48x42x79	1585
4NSC135S8A	1067	448	319	635	200	1760	316	1213	35x30x76	1429
4NSC135S10C	1295	564	431	850	250	1806	362	1335	44x38x78	1551
4NSC135S12B	1195	506	389	760	300	1806	362	1270	40x35x78	1542
4NSC135S14D	1398	620	478	943	350	1831	374	1300	48x42x79	1634
4NSC150S10A	1295	564	431	850	250	1906	362	1370	44x38x82	1634
4NSC150S12B	1195	506	389	760	300	1906	362	1320	40x35x82	1604
4NSC150S14C	1398	620	478	943	350	1931	374	1380	48x42x83	1664
4NSC175S12B	1222	520	402	796	300	2009	366	1872	41x36x86	2178
4NSC175S14C	1477	665	512	1006	400	2243	536	1922	51x45x95	2228
4NSC200S12B	1222	520	402	796	300	2119	366	1930	41x36x90	2236
4NSC200S14C	1477	665	512	1006	400	2353	536	1980	51x45x100	2286

GA Drawing • Without Auto Coupling



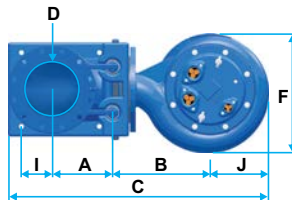
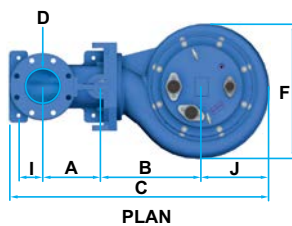
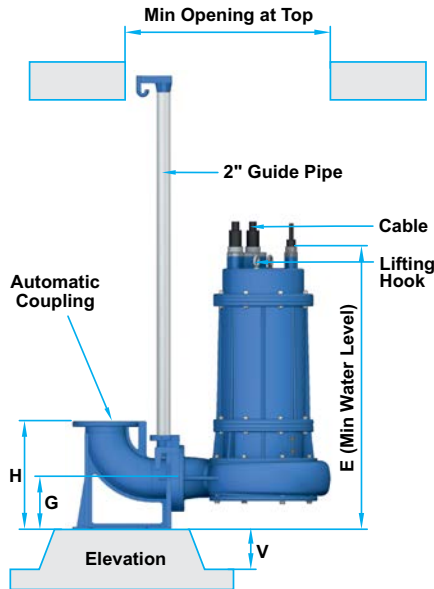
960 RPM (6 POLE)

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	984	378	306	607	150	1149	272	350	32x29x52	495
6NSC15C8B	967	390	277	552	200	1182	299	373	31x27x54	521
6NSC20C6A	984	378	306	607	150	1294	272	370	32x29x58	524
6NSC20C8B	967	390	277	552	200	1327	299	413	31x27x59	570
6NSC25C6A	984	378	306	607	150	1294	272	388	32x29x58	542
6NSC25C8B	967	390	277	552	200	1327	299	433	31x27x59	590
6NSC30C6A	1075	450	325	645	150	1337	251	442	36x30x62	620
6NSC30C8B	1067	448	319	635	200	1396	298	580	35x30x62	758
6NSC30C10D	1295	564	431	850	250	1457	359	561	44x38x64	758
6NSC30C12C	1195	506	389	760	300	1457	359	611	40x35x64	825
6NSC40C6A	1075	450	325	645	150	1412	251	482	36x30x63	671
6NSC40C8A	1067	448	319	635	200	1471	298	630	35x30x65	814
6NSC40C10B	1295	564	431	850	250	1532	359	712	44x38x67	896
6NSC40C12C	1195	506	389	760	300	1532	359	762	40x35x67	982
6NSC50C8A	1084	450	334	665	200	1505	290	730	36x31x66	932
6NSC50C10B	1295	564	431	850	250	1582	359	812	44x38x69	1014
6NSC50C12A	1195	506	389	760	300	1582	359	862	40x35x69	1100
6NSC60C8A	1084	450	334	665	200	1494	290	800	36x31x66	1002
6NSC60C10D	1295	564	431	850	250	1574	362	860	44x38x69	1060
6NSC60C12A	1222	520	402	796	300	1583	368	932	41x36x69	1172
6NSC60C14E	1398	620	478	943	350	1599	374	992	48x42x70	1232
6NSC75C10B	1295	564	431	850	250	1664	362	932	44x38x73	1170
6NSC75C12A	1222	520	402	796	300	1673	368	992	41x36x73	1238
6NSC75C14E	1398	620	478	943	350	1689	374	1052	48x42x73	1290
6NSC85C12A	1283	550	433	856	300	1799	383	1359	44x39x78	1644
6NSC85C14B	1398	620	478	943	350	1781	374	1419	48x42x77	1704
6NSC100S12A	1283	550	433	856	300	1849	383	1430	44x39x80	1731
6NSC100S14B	1398	620	478	943	350	1831	374	1480	48x42x79	1780
6NSC120S12A	1283	550	433	856	300	1949	383	1490	44x39x84	1798
6NSC120S14C	1398	620	478	943	350	1931	374	1550	48x42x83	1840
6NSC120S16B	1477	665	512	1006	400	2036	455	1987	51x45x87	2375
6NSC135S12A	1283	550	433	856	300	1949	383	1510	44x39x84	1820
6NSC135S14B	1398	620	478	943	350	1931	374	1690	48x42x83	2080
6NSC135S16A	1477	665	512	1006	400	2036	455	2057	51x45x87	2445
6NSC150S16A	1477	665	512	1006	400	2242	455	2414	51x45x95	2826
6NSC150S18B	1500	500	700	800	450	2239	541	2414	52x37x95	2826
6NSC175S16A	1477	665	512	1006	400	2272	455	2484	51x45x96	2896
6NSC175S18B	1500	500	700	800	450	2349	541	2484	52x37x100	2896
6NSC200S16A	1477	665	512	1006	400	2302	455	2604	51x45x98	3034
6NSC200S18B	1500	500	700	800	450	2379	541	2604	52x37x101	3034



GA Drawing • With Auto Coupling



Note: Double guide rail available in delivery size 10" to 18"



2900 RPM (2 POLE)

All Dimension are in mm

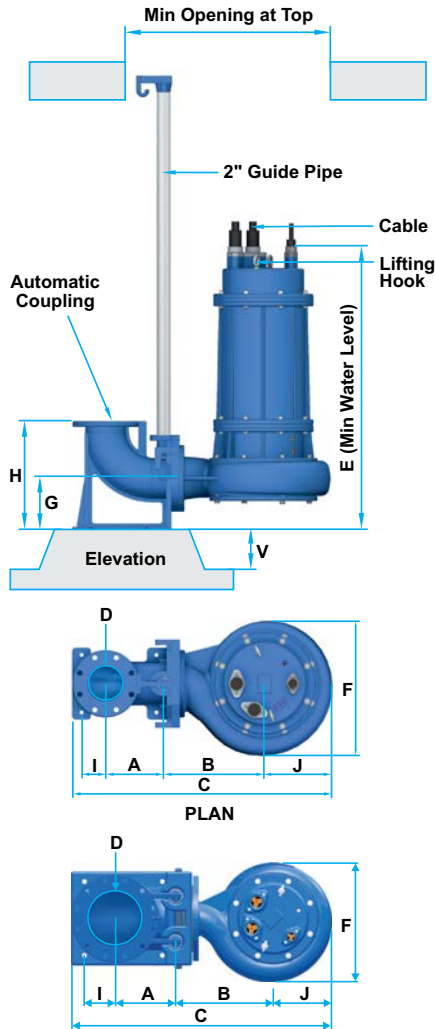
MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	PUMP WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
2NSC5C4A	736	156	279	703	100	766	320	290	325	84	157	92	20x18x36	156
2NSC7.5C4A	729	156	269	696	100	814	321	290	325	84	160	135	20x18x39	202
2NSC10C4A	729	156	269	696	100	814	321	290	325	84	160	150	20x18x39	220
2NSC12.5C4A	854	156	342	821	100	854	422	290	325	84	212	185	25x22x41	265
2NSC12.5C3B	799	184	311	801	80	851	372	302	323	93	188	185	22x20x40	265
2NSC15C4A	854	156	342	821	100	854	422	290	325	84	212	194	25x22x41	277
2NSC15C3B	799	184	311	801	80	851	372	302	323	93	188	194	22x20x40	277
2NSC20C4A	854	156	342	821	100	989	422	290	325	84	212	210	25x22x46	293
2NSC20C3B	799	184	311	801	80	991	372	302	323	93	188	210	22x20x45	293
2NSC20C2.5C	799	184	311	801	80	991	372	302	323	93	188	210	22x20x45	293
2NSC25C4A	872	174	360	858	100	1089	422	325	460	84	212	235	25x22x48	330
2NSC25C3B	799	184	311	801	80	1056	372	302	323	93	188	235	22x20x48	330
2NSC25C2.5C	799	184	311	801	80	1056	372	302	323	93	188	235	22x20x48	330
2NSC30C4A	872	174	360	858	100	1131	422	325	460	84	212	240	25x22x50	335
2NSC40C4A	872	174	360	858	100	1231	422	325	460	84	212	292	25x22x54	390

1450 RPM (4 POLE)

All Dimension are in mm

MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	PUMP WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
4NSC2C4A	736	156	279	703	100	789	320	290	325	84	157	71	20x18x38	90
4NSC3C4A	736	156	279	703	100	814	320	290	325	84	157	105	20x18x39	130
4NSC3.0C4B	854	156	342	821	100	814	422	290	325	84	212	105	25x22x39	130
4NSC5C4A	729	156	269	696	100	814	321	290	325	84	160	163	20x18x39	230
4NSC5C4B	854	156	342	821	100	804	422	290	325	84	212	148	25x22x39	225
4NSC7.5C4A	729	156	269	696	100	864	321	290	325	84	160	187	20x18x41	257
4NSC7.5C4B	854	156	342	821	100	854	422	290	325	84	212	168	25x22x41	248
4NSC10C4A	829	156	319	796	100	960	415	290	325	84	210	196	24x21x45	287
4NSC10C6B	966	254	407	1057	150	1097	515	425	470	97	259	202	28x25x47	322
4NSC12.5C4A	829	156	319	796	100	1000	415	290	325	84	210	211	24x21x47	302
4NSC12.5C6B	966	254	407	1057	150	1137	515	425	470	97	259	217	28x25x48	343
4NSC15C4A	829	156	319	796	100	1025	415	290	325	84	210	223	24x21x48	317
4NSC15C6B	966	254	407	1057	150	1162	515	425	470	97	259	229	28x25x49	360
4NSC20C4A	898	174	372	884	100	1081	449	325	460	84	226	295	26x23x50	406
4NSC20C6B	966	254	407	1057	150	1187	515	425	470	97	259	315	28x25x50	446
4NSC25C4A	898	174	372	884	100	1126	449	325	460	84	226	324	26x23x52	435
4NSC25C6B	966	254	407	1057	150	1232	515	425	470	97	259	340	28x25x52	475
4NSC30C4A	898	174	372	884	100	1226	449	325	460	84	226	356	26x23x56	474
4NSC30C6B	966	254	407	1057	150	1332	515	425	470	97	259	375	28x25x56	514
4NSC40C4A	973	182	413	982	100	1287	515	342	550	93	260	478	29x25x59	621
4NSC40C6B	1061	254	455	1152	150	1378	607	425	470	97	306	494	32x29x60	653
4NSC40C8C	1040	302	463	1207	200	1463	552	500	542	110	277	511	31x27x61	673
4NSC50C4A	973	182	413	982	100	1312	515	342	550	93	260	491	29x25x60	639
4NSC50C6B	1061	254	455	1152	150	1403	607	425	470	97	306	516	32x29x61	679
4NSC50C8C	1040	302	463	1207	200	1488	552	500	542	110	277	534	31x27x62	696
4NSC60C4A	973	182	413	982	100	1362	515	342	550	93	260	538	29x25x62	690
4NSC60C6B	1061	254	455	1152	150	1453	607	425	470	97	306	546	32x29x63	709
4NSC60C8C	1040	302	463	1207	200	1538	552	500	542	110	277	563	31x27x64	730
4NSC75C8B	1040	302	463	1207	200	1548	552	500	542	110	277	785	31x27x64	952
4NSC75C10C	1368	272	637	1538	250	1571	850	503	600	138	431	865	44x38x65	1032
4NSC85C8B	1040	302	463	1207	200	1582	552	500	542	110	277	807	31x27x66	983
4NSC85C10C	1368	272	637	1538	250	1605	850	503	600	138	431	887	44x38x66	1063
4NSC100S8B	1040	302	463	1207	200	1672	552	500	542	110	277	845	31x27x69	1021
4NSC100S10C	1368	272	637	1538	250	1695	850	503	600	138	431	915	44x38x70	1091
4NSC120S8A	1140	302	521	1307	200	1784	635	500	542	110	319	1233	35x30x76	1449
4NSC120S10C	1368	272	637	1538	250	1788	850	503	600	138	431	1300	44x38x78	1516
4NSC120S12B	1292	397	603	1636	300	1965	760	680	961	183	389	1253	40x35x78	1525
4NSC120S14D	1533	390	755	1888	350	2022	943	725	983	177	478	1313	48x42x79	1585
4NSC135S8A	1140	302	521	1307	200	1784	635	500	542	110	319	1213	35x30x76	1429
4NSC135S10C	1368	272	637	1538	250	1788	850	503	600	138	431	1335	44x38x78	1551
4NSC135S12B	1292	397	603	1636	300	1965	760	680	961	183	389	1270	40x35x78	1542
4NSC135S14D	1533	390	755	1888	350	2022	943	725	983	177	478	1300	48x42x79	1634
4NSC150S10A	1368	272	637	1538	250	1888	850	503	600	138	431	1370	44x38x82	1634
4NSC150S12B	1292	397	603	1636	300	2065	760	680	961	183	389	1320	40x35x82	1604
4NSC150S14C	1533	390	755	1888	350	2122	943	725	983	177	478	1380	48x42x83	1664
4NSC175S12B	1319	397	617	1663	300	2163	796	680	961	183	402	1872	41x36x86	2178
4NSC175S14C	1622	491	810	2127	400	2383	1006	835	1013	184	512	1922	51x45x95	2238
4NSC200S12B	1319	397	617	1663	300	2273	796	680	961	183	402	1930	41x36x90	2236
4NSC200S14C	1622	491	810	2127	400	2493	1006	835	1013	184	512	1980	51x45x100	2286

GA Drawing • With Auto Coupling



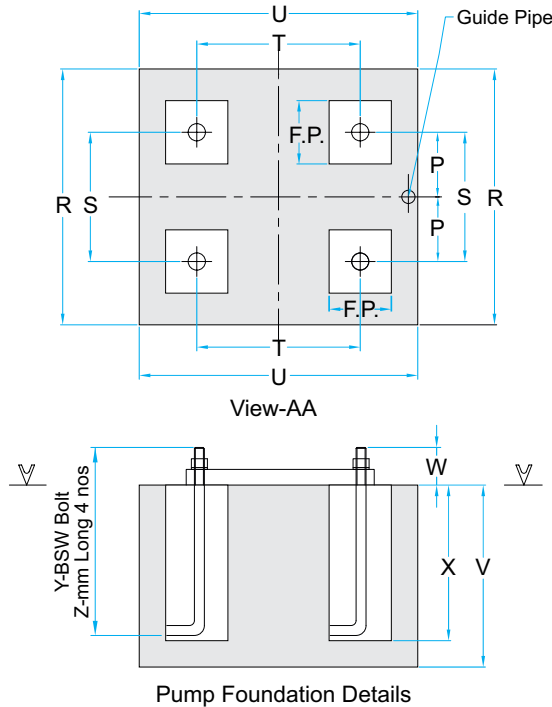
960 RPM (6 POLE)

All Dimension are in mm

MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	PUMP WEI-GHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEI-GHT in Kg.
6NSC15C6A	1061	254	455	1152	150	1202	607	425	470	97	306	350	32x29x52	495
6NSC15C8B	1040	302	463	1207	200	1284	552	500	542	110	277	373	31x27x54	521
6NSC20C6A	1061	254	455	1152	150	1347	607	425	470	97	306	370	32x29x58	524
6NSC20C8B	1040	302	463	1207	200	1429	552	500	542	110	277	413	31x27x59	570
6NSC25C6A	1061	254	455	1152	150	1347	607	425	470	97	306	388	32x29x58	542
6NSC25C8B	1040	302	463	1207	200	1429	552	500	542	110	277	433	31x27x59	590
6NSC30C6A	1152	254	527	1243	150	1400	645	425	470	97	325	442	36x30x60	620
6NSC30C8B	1140	302	521	1307	200	1487	635	500	542	110	319	580	35x30x62	758
6NSC30C10D	1368	272	637	1538	250	1491	850	503	600	138	431	561	44x38x64	758
6NSC30C12C	1292	397	603	1636	300	1668	760	680	961	183	389	611	40x35x64	825
6NSC40C6A	1152	254	527	1243	150	1475	645	425	470	97	325	482	36x30x63	671
6NSC40C8A	1140	302	521	1307	200	1562	635	500	542	110	319	630	35x30x65	814
6NSC40C10B	1368	272	637	1538	250	1566	850	503	600	138	431	712	44x38x67	896
6NSC40C12C	1292	397	603	1636	300	1743	760	680	961	183	389	762	40x35x67	982
6NSC50C8A	1157	302	523	1324	200	1604	665	500	542	110	334	730	36x31x66	932
6NSC50C10B	1368	272	637	1538	250	1616	850	503	600	138	431	812	44x38x69	1014
6NSC50C12A	1292	397	603	1636	300	1793	760	680	961	183	389	862	40x35x69	1100
6NSC60C8A	1157	302	523	1324	200	1593	665	500	542	110	334	800	36x31x66	1002
6NSC60C10D	1368	272	637	1538	250	1605	850	503	600	138	431	860	44x38x69	1060
6NSC60C12A	1319	397	617	1663	300	1784	796	680	961	183	402	932	41x36x69	1172
6NSC60C14E	1533	390	755	1888	350	1839	943	725	983	177	478	992	48x42x70	1232
6NSC75C10B	1368	272	637	1538	250	1695	850	503	600	138	431	932	44x38x73	1170
6NSC75C12A	1319	397	617	1663	300	1874	796	680	961	183	402	992	41x36x73	1238
6NSC75C14E	1533	390	755	1888	350	1929	943	725	983	177	478	1052	48x42x73	1290
6NSC85C12A	1380	397	647	1724	300	1936	856	680	961	183	433	1359	44x39x78	1644
6NSC85C14B	1533	390	755	1888	350	1972	943	725	983	177	478	1419	48x42x77	1704
6NSC100S12A	1380	397	647	1724	300	1986	856	680	961	183	433	1430	44x39x80	1731
6NSC100S14B	1533	390	755	1888	350	2022	943	725	983	177	478	1480	48x42x79	1780
6NSC120S12A	1380	397	647	1724	300	2086	856	680	961	183	433	1490	44x39x84	1798
6NSC120S14C	1533	390	755	1888	350	2122	943	725	983	177	478	1550	48x42x83	1840
6NSC120S16B	1622	491	810	2127	400	2256	1006	835	1013	184	512	1987	51x45x87	2375
6NSC135S12A	1380	397	647	1724	300	2086	856	680	961	183	433	1510	44x39x84	1820
6NSC135S14B	1533	390	755	1888	350	2122	943	725	983	177	478	1690	48x42x83	2080
6NSC135S16A	1622	491	810	2127	400	2256	1006	835	1013	184	512	2057	51x45x87	2445
6NSC150S16A	1622	491	810	2127	400	2462	1006	835	1013	184	512	2414	51x45x95	2826
6NSC150S18B	1604	516	604	2140	450	2418	800	880	1100	235	700	2414	52x37x95	2826
6NSC175S16A	1622	491	810	2127	400	2492	1006	835	1013	184	512	2484	51x45x96	2896
6NSC175S18B	1604	516	604	2140	450	2528	800	880	1100	235	700	2484	52x37x100	2896
6NSC200S16A	1622	491	810	2127	400	2522	1006	835	1013	184	512	2604	51x45x98	3034
6NSC200S18B	1604	516	604	2140	450	2558	800	880	1100	235	700	2604	52x37x101	3034

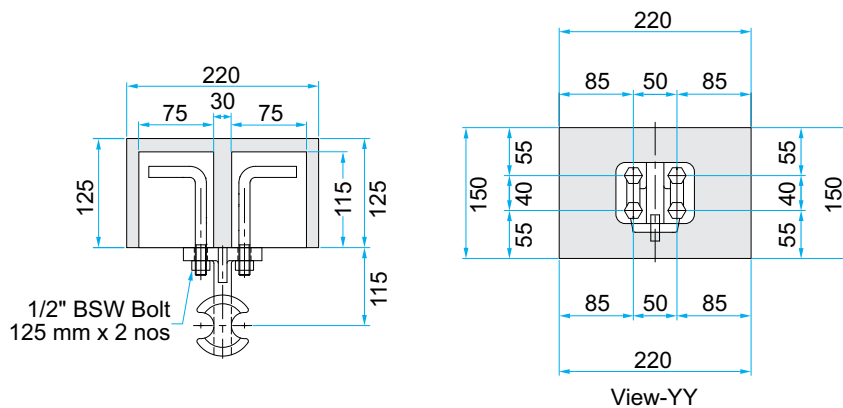


Foundation Details for Auto Coupling

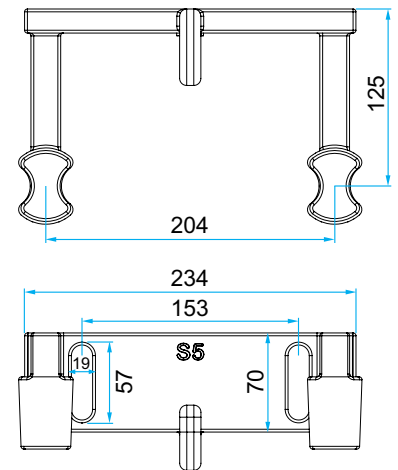


All Dimension are in mm

Auto Coupling Size	HP	P	R	S	T	U	V	W	X	Y	Z	FP
3 x 3	12.5 to 25 (2 pole)	75	350	150	235	435	250	45	155	3/8"	150	80
4 x 4	2 to 15 (4 pole)/ 5 to 25 (2 pole)	85	370	170	225	425	250	45	175	1/2"	200	80
4 x 4	20 to 30 (4 pole)/ 30 to 40 (2 pole)	80	360	160	240	440	250	45	175	1/2"	200	80
4 x 4	40 to 60 (4 pole)	95	390	190	250	450	250	45	175	5/8"	200	80
6 x 6	10 to 60 (4 pole)/ 15 to 40 (6 pole)	122.5	445	245	320	520	275	50	195	5/8"	225	80
8 x 8	40 to 135 (4 pole)/ 15 to 60 (6 pole)	165	530	330	350	550	275	50	195	5/8"	225	80
10 x 10	75 to 150 (4 pole)/ 30 to 135 (6 pole)	165	530	330	350	550	275	50	195	3/4"	225	80
12 x 12	120 to 200 (4 pole)/ 30 to 135 (6 pole)	235	710	470	522	762	275	65	195	3/4"	225	100
14 x 14	120 to 200 (4 pole)/ 60 to 135 (6 pole)	230	700	460	555	795	275	65	195	3/4"	225	100
16 x 16	120 to 200 (6 pole)	207.5	655	415	605	845	300	80	250	1"	300	100
18 x 18	150 to 200 (6 pole)	270	840	540	660	960	300	80	250	1"	300	100



Note: For Single guide rail system



Note: For double guide rail system

Flange STD. as per DIN-1092-1 (ISO-7005) PN-10

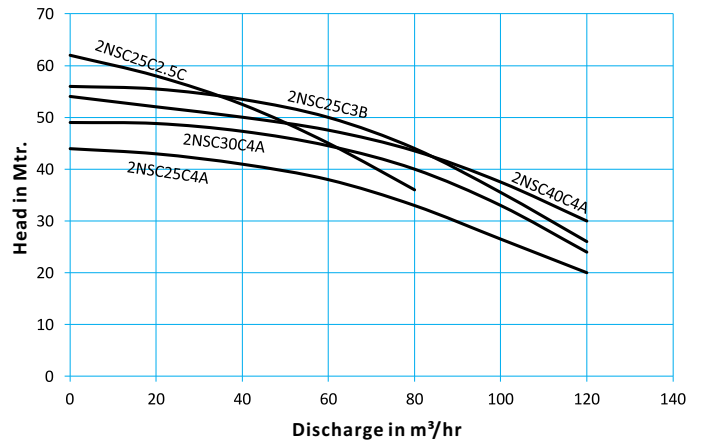
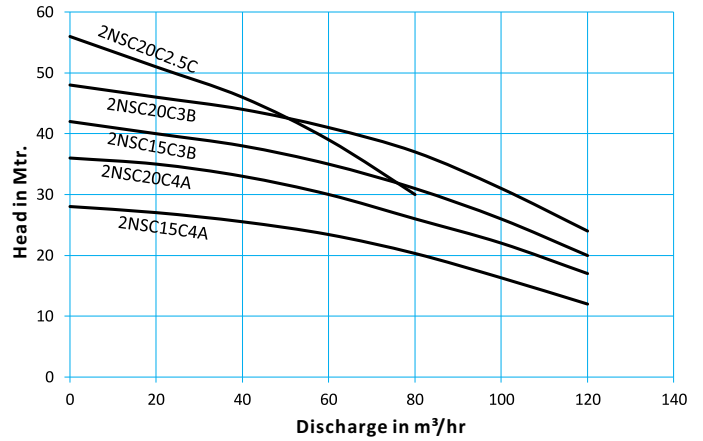
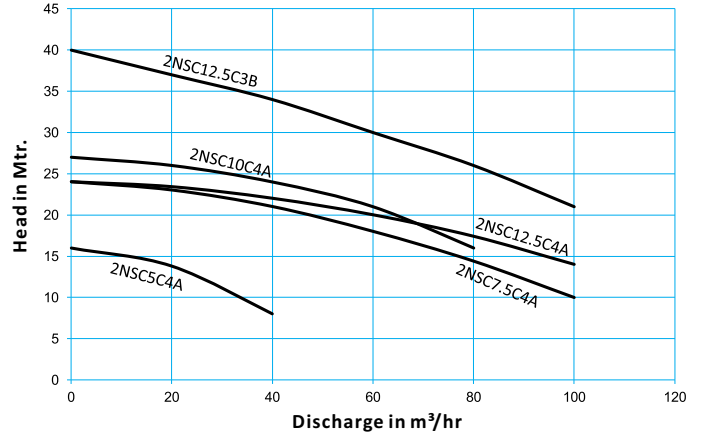
All Dimension are in mm

OUTLET	PIPE SIZE	OD OF FLANGE	PCD OF BOLT	NO. OF BOLT HOLE	DIA. OF HOLE
2.5"	65	185	145	4	18
3"	80	200	160	4	18
4"	100	220	180	8	18
6"	150	285	240	8	23
8"	200	340	295	8	23
10"	250	395	350	12	23
12"	300	445	400	12	23
14"	350	505	460	16	26
16"	400	565	515	16	27
18"	450	615	565	20	27

Performance Chart • 2900 RPM

No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																															
				8	10	12	14	15	16	17	18	20	22	24	25	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60		
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 / 7.5	100						88	85	81	78	74	66	56	44	33	23																	
4	2NSC12.5C4A	12.5 / 9.3	100																																
5	2NSC12.5C3B	12.5 / 9.3	75							121	115	112	108	102	93	87	78	72	66	54	42	30	12												
6	2NSC15C4A	15.0 / 11.0	100							119	112	108	103	99	94	84	72	56	44	29															
7	2NSC15C3B	15.0 / 11.0	75																																
8	2NSC20C4A	20.0 / 15.0	100																																
9	2NSC20C3B	20.0 / 15.0	75																																
10	2NSC20C2.5C	20.0 / 15.0	65																																
11	2NSC25C4A	25.0 / 18.5	100																																
12	2NSC25C3B	25.0 / 18.5	75																																
13	2NSC25C2.5C	25.0 / 18.5	65																																
14	2NSC30C4A	30.0 / 22.5	100																																
15	2NSC40C4A	40.0 / 30.0	100																																

Performance Curves • 2900 RPM

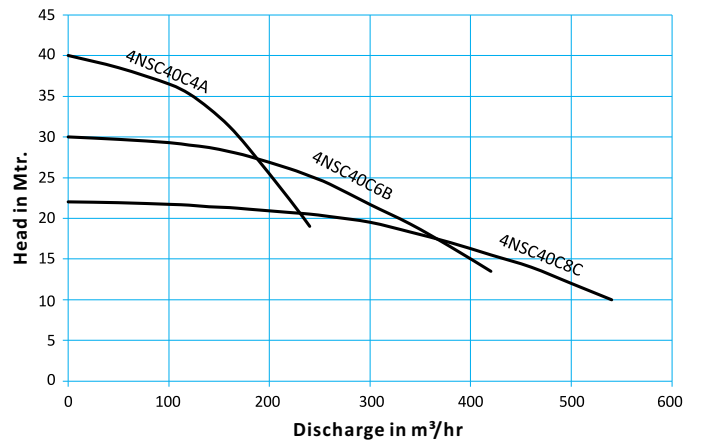
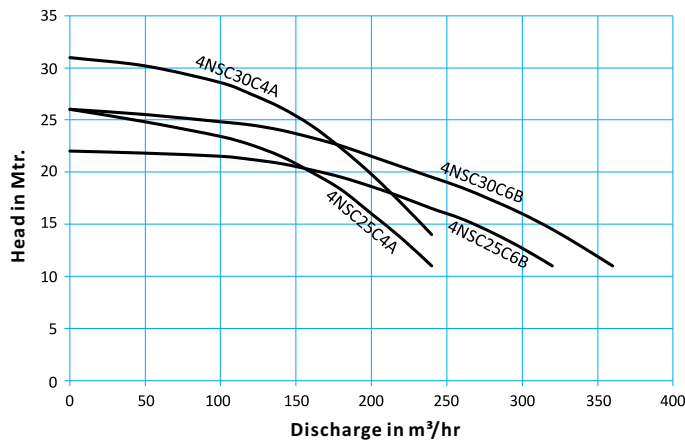
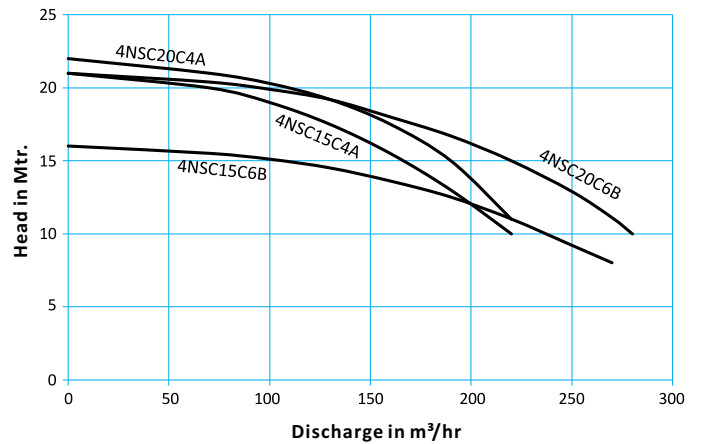
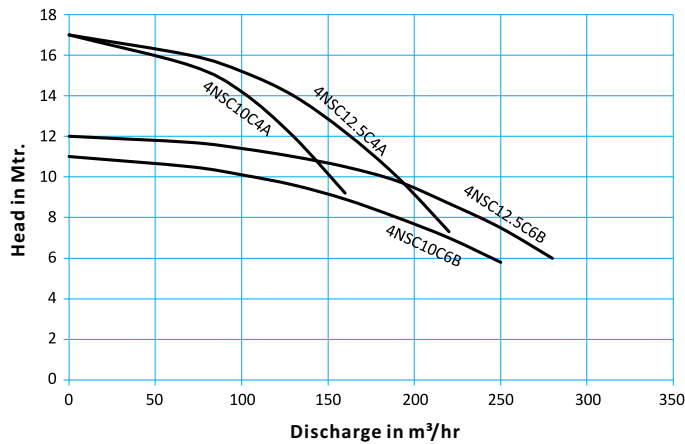
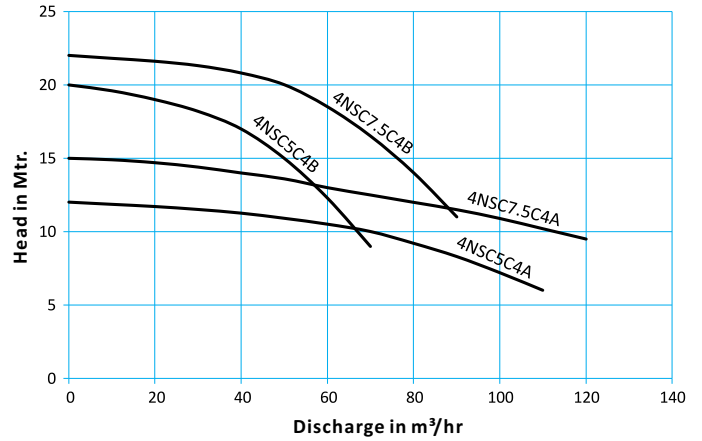
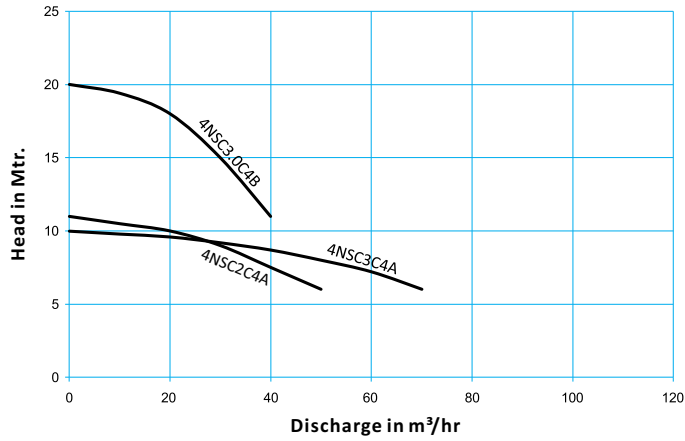


Submersible Sewage Pumps

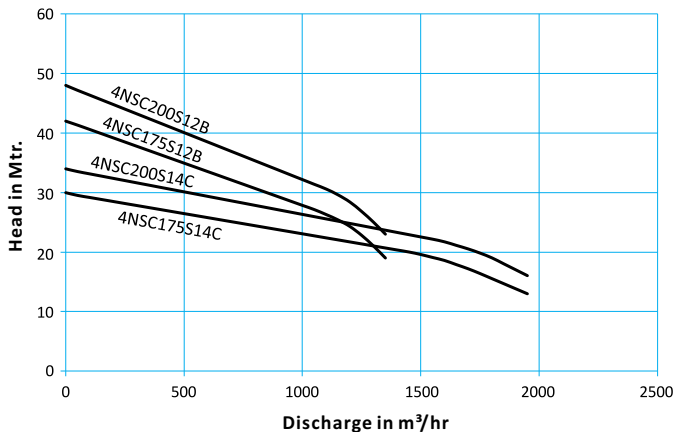
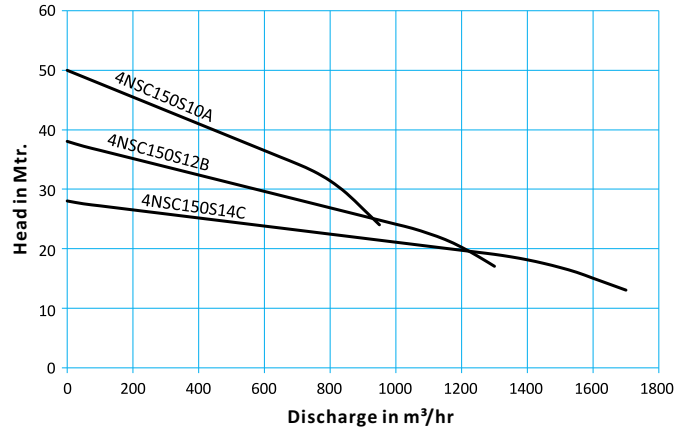
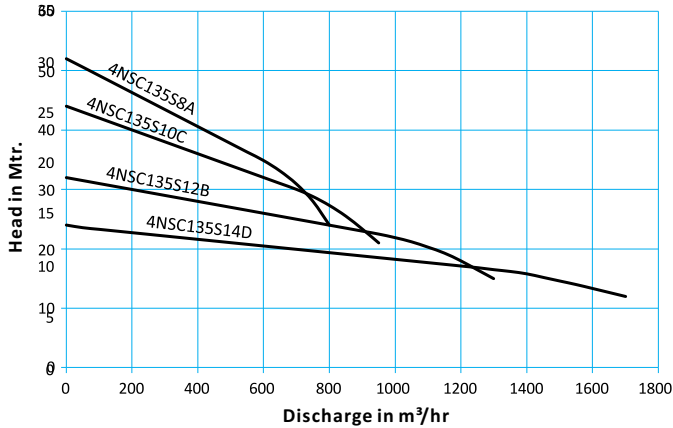
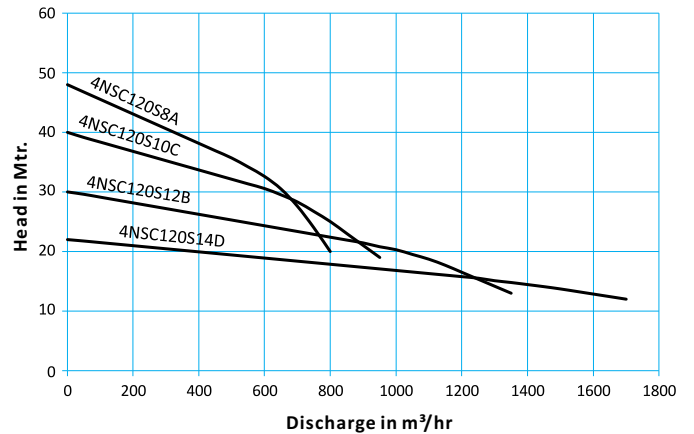
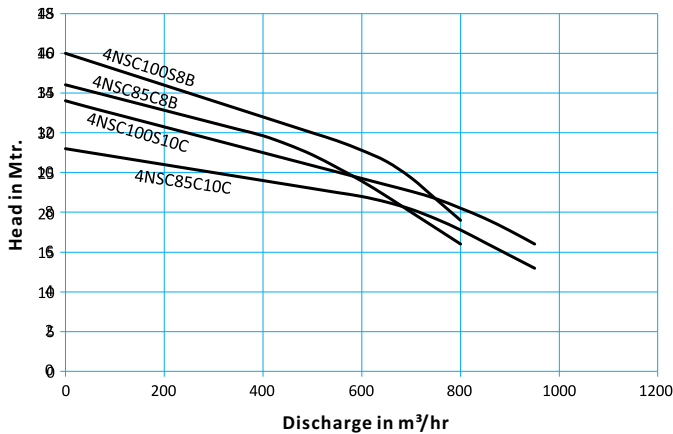
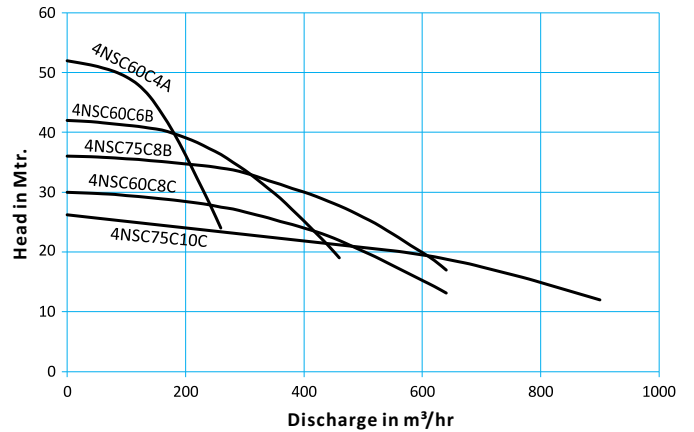
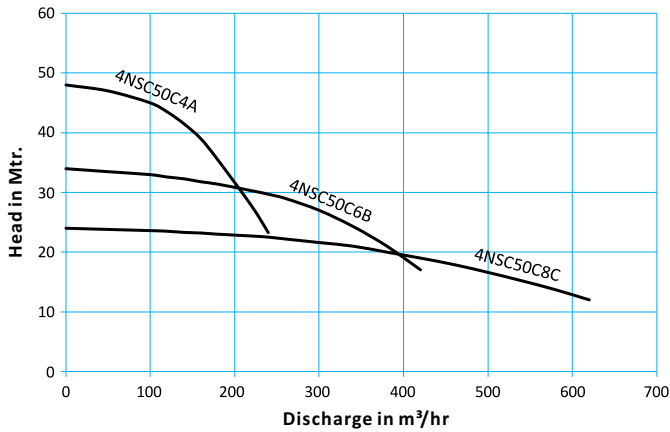
Performance Chart • 1450 RPM

[illegible]

Performance Curves • 1450 RPM

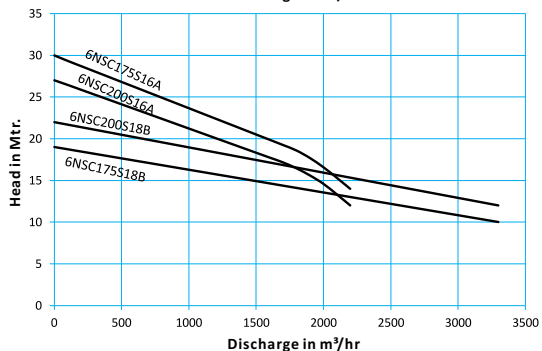
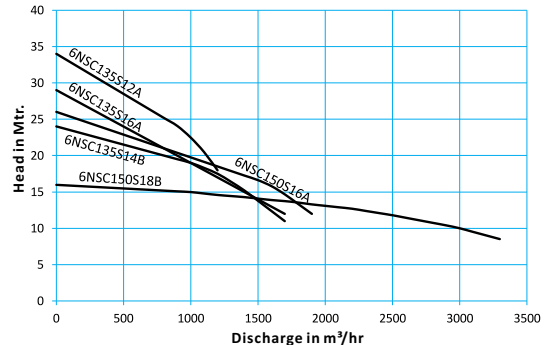
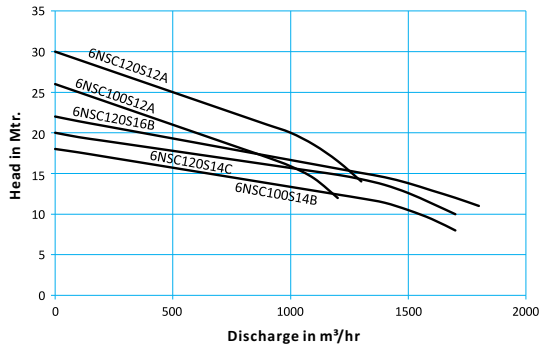
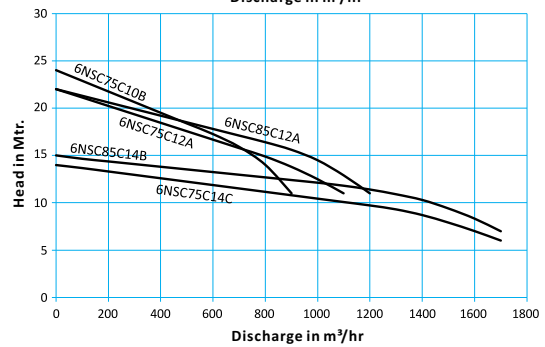
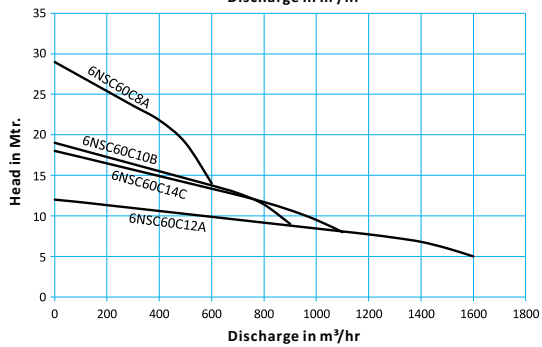
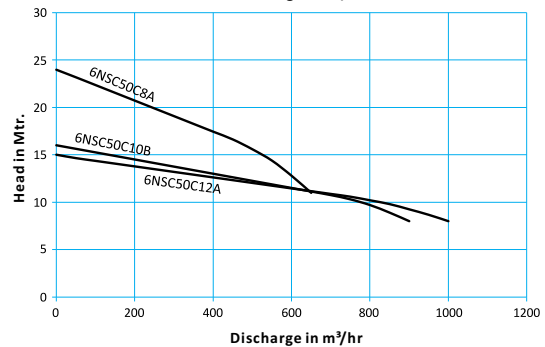
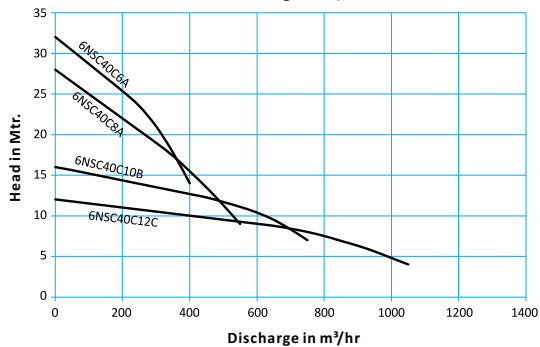
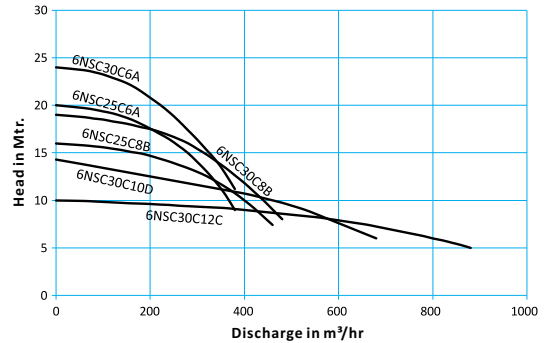
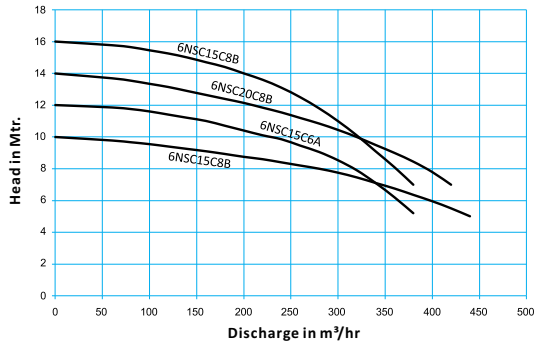


Performance Curves • 1450 RPM



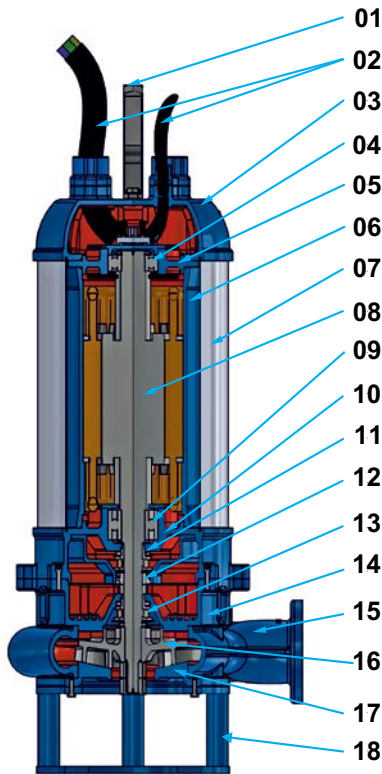
No.	Model	HP/KW	Del. Size in mm	HEAD IN METERS																							
				5	6	7	8	9	10	11	12	13	14	15	16	18	19	20	22	23	24	26	28	29	30	32	33
1	6NSC15C6A	15.0/11.0	150	382	358	332	302	269	227	167																	
2	6NSC15C8B	15.0/11.0	200	444	397	342	272	153																			
3	6NSC20C6A	20.0/15.0	150		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	30.0/22.0	150								382	368	354	339	323	306	269	247	223	160	105						
8	6NSC30C8B	30.0/22.0	200					485	465	444	421	397	371	342	309	272	153										
9	6NSC30C10D	30.0/22.0	250		681	651	614	546	480	403	216																
10	6NSC30C12C	30.0/22.0	300	884	788	690	548	309																			
11	6NSC40C6A	40.0/30.0	150																								
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	422	392	318	201				
19	6NSC60C10D	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	6NSC60C14E	60.0/45.0	350	1576	1482	1421	1254	1110	932	499																	
22	6NSC75C10B	75.0/55.0	250							937	900	876	845	819	767	717	660	582	411	297							
23	6NSC75C12A	75.0/55.0	300							1077	1028	975	919	858	792	629	521	354									
24	6NSC75C14E	75.0/55.0	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	135.0/100.0	400													1213	1179	1144	1070	1031	989	900	797	738	673	503	368
33	6NSC135S14B	135.0/100.0	350						1704	1650	1572	1536	1446	1368	1272	1200	1110	960	540								
34	6NSC135S16A	135.0/100.0	400						1707	1634	1559	1482	1402	1367	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	6NSC150S18B	150.0/110.0	450					3300	3120	3000	2700	2400	2100	1500	990												
37	6NSC175S16A	175.0/130.0	400								2172	2105	2035	1962	1885	1719	1628	1529	1301	1163	994						
38	6NSC175S18B	175.0/130.0	450							3300	3120	3000	2700	2400	2100	1500	990										
39	6NSC200S16A	200.0/150.0	400											2172	2112	2050	1919	1849	1776	1617	1529	1435	1216	919	685		
40	6NSC200S18B	200.0/150.0	450											3300	3120	3000	2700	2400	2100	1500	990						

Performance Curves • 960 RPM



Submersible Sewage Jacketed Pumps

Cross Section

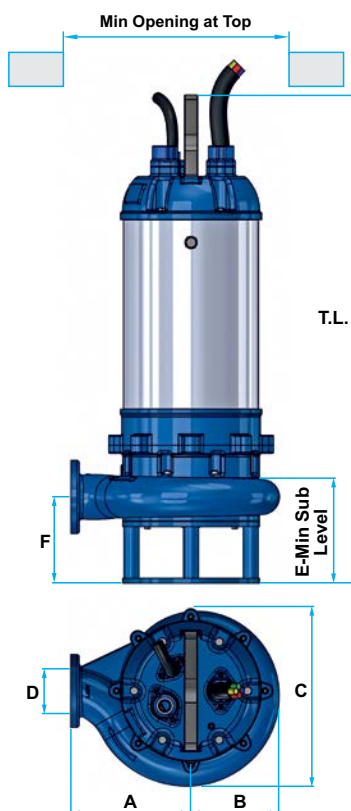


NO.	DESCRIPTION	MATERIAL
01	LIFTING HANDLE	S.S.
02	POWER & CONTROL CABLE	H07RN-F EPR / PVC INSULATED
03	TOP COVER	C.I. IS210, FG260
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	TOP BEARING HOUSING	C.I. IS210, FG260
06	STATOR BODY	C.I. IS210, FG260
07	OUTER JACKET	S.S. 304
08	ROTOR COMPLETE	S.S. 410+ALLU. DIA CAST
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BEARING HOUSING	C.I. IS210, FG260
11	MECH. SEAL (UPPER)	CR / SS
12	GLYCOL LIFTER	INDUSTRIAL PLASTIC
13	MECH. SEAL (LOWER)	SIC / SIC
14	OIL CHAMBER	C.I. IS210, FG260
15	VOLUTE	C.I. IS210, FG260
16	IMPELLER	C.I./ S.S. 304
17	SPIRAL PLATE	C.I. IS210, FG260
18	PUMP STAND	M.S. FABRICATED
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		



Submersible Sewage Jacketed Pumps

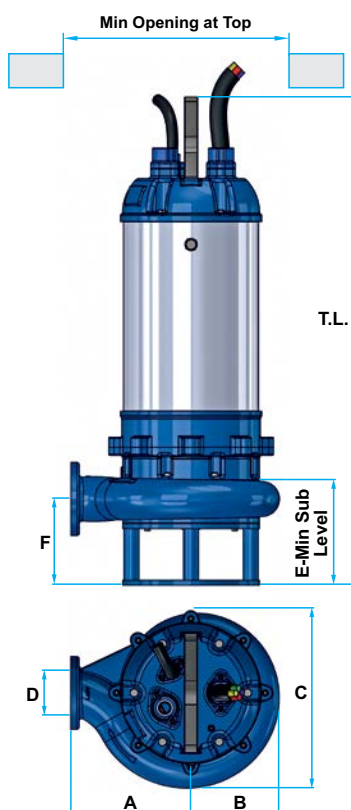
GA Drawing • 2900 RPM



All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	C	D	E	F	T.L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2NSCJ10C4A	675	215	160	321	100	253	198	946	200	20x18x45	387
2NSCJ12.5C4A	800	288	212	422	100	243	188	977	235	25x22x46	422
2NSCJ12.5C3B	733	245	188	372	80	233	178	952	235	22x20x45	402
2NSCJ15C4A	800	288	212	422	100	243	188	977	244	25x22x46	443
2NSCJ15C3B	733	245	188	372	80	233	178	952	244	22x20x45	417
2NSCJ20C4A	800	288	212	422	100	243	188	1112	260	25x22x51	460
2NSCJ20C3B	733	245	188	372	80	233	178	1092	260	22x20x50	506
2NSCJ20C2.5C	733	245	188	372	80	233	178	1092	260	22x20x50	546
2NSCJ25C4A	800	288	212	422	100	243	188	1177	285	25x22x53	535
2NSCJ25C3B	733	245	188	372	80	233	178	1157	285	22x20x53	575
2NSCJ25C2.5C	733	245	188	372	80	233	178	1157	285	22x20x53	574
2NSCJ30C4A	800	288	212	422	100	245	190	1221	290	25x22x55	614
2NSCJ40C4A	800	288	212	422	100	245	190	1321	342	25x22x59	721

GA Drawing • 1450 RPM



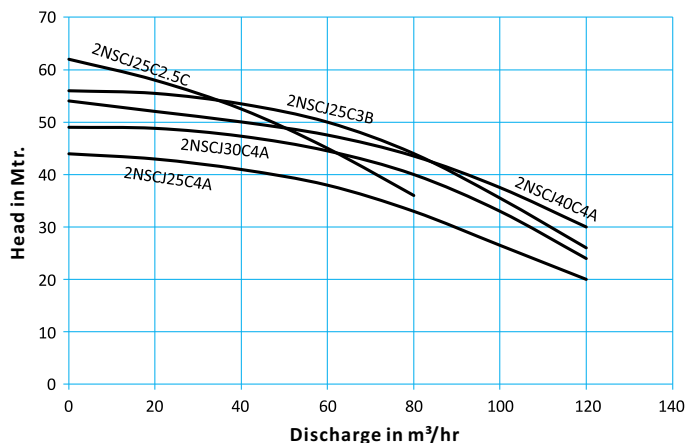
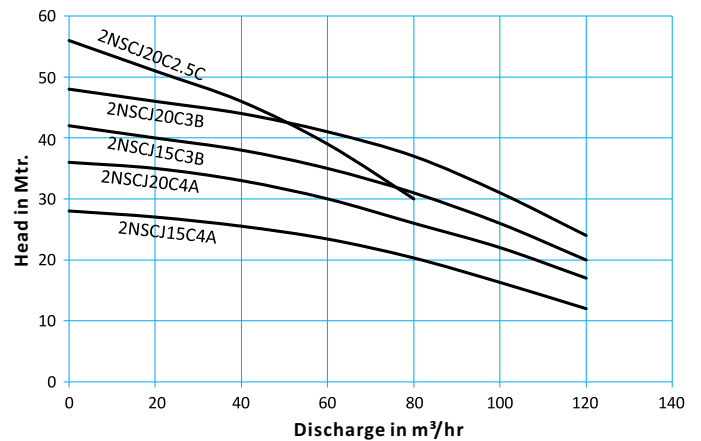
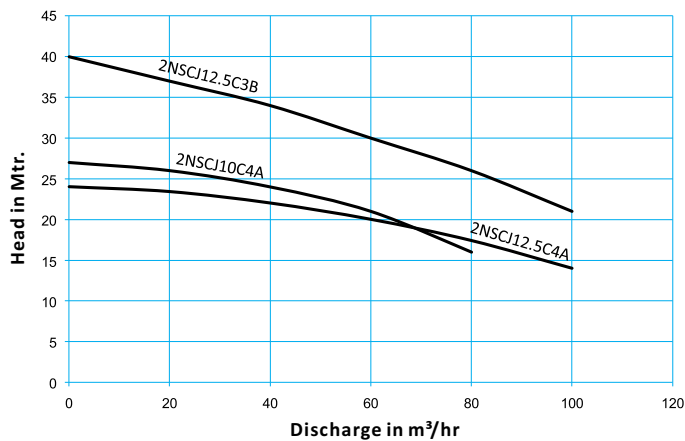
All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	C	D	E	F	T.L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4NSCJ10C4A	775	265	210	415	100	253	201	1091	246	24x21x50	337
4NSCJ10C6B	889	330	259	515	150	292	235.5	1130	252	28x25x52	372
4NSCJ12.5C4A	775	265	210	415	100	253	201	1129	261	24x21x52	352
4NSCJ12.5C6B	889	330	259	515	150	292	235.5	1168	267	28x25x53	393
4NSCJ15C4A	775	265	210	415	100	253	201	1154	273	24x21x53	367
4NSCJ15C6B	889	330	259	515	150	292	235.5	1193	279	28x25x54	410
4NSCJ20C4A	826	300	226	449	100	281	232	1238	345	26x23x56	456
4NSCJ20C6B	889	330	259	515	150	292	237.5	1249	365	28x25x56	496
4NSCJ25C4A	826	300	226	449	100	281	232	1282	374	26x23x58	485
4NSCJ25C6B	889	330	259	515	150	292	237.5	1293	390	28x25x58	525
4NSCJ30C4A	826	300	226	449	100	281	232	1382	406	26x23x62	524
4NSCJ30C6B	889	330	259	515	150	292	237.5	1393	425	28x25x62	564
4NSCJ40C4A	910	350	260	515	100	316	265.5	1488	528	29x25x66	671
4NSCJ40C6B	984	378	306	607	150	329	272	1501	544	32x29x66	703
4NSCJ40C8C	967	390	277	552	200	382	298.5	1554	561	31x27x68	723
4NSCJ50C4A	910	350	260	515	100	316	265.5	1513	541	29x25x67	689
4NSCJ50C6B	984	378	306	607	150	329	272	1526	566	32x29x67	729
4NSCJ50C8C	967	390	277	552	200	382	298.5	1579	584	31x27x69	746
4NSCJ60C4A	910	350	260	515	100	316	265.5	1563	588	29x25x68	740
4NSCJ60C6B	984	378	306	607	150	329	272	1576	596	32x29x68	759
4NSCJ60C8C	967	390	277	552	200	382	298.5	1629	613	31x27x71	780

Performance Chart • 2900 RPM

No.	Model	HP/KW	Del. Size in mm		DISCHARGE IN m ³ /hr																															
					10	12	14	15	16	17	18	20	22	24	25	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60			
1	2NSCJ10C4A	10.0/7.5	100	DISCHARGE IN m ³ /hr			88	85	81	78	74	66	56	44	33	23																				
2	2NSCJ12.5C4A	12.5/9.3	100		119	110	101	96	90	84	77	61	33																							
3	2NSCJ12.5C3B	12.5/9.3	75						121	115	112	108	102	93	87	78	72	66	54	42	30	12														
4	2NSCJ15C4A	15.0/11.0	100			119	112	108	103	99	94	84	72	56	44	29																				
5	2NSCJ15C3B	15.0/11.0	75								126	120	114	108	102	99	93	87	78	66	54	43	27													
6	2NSCJ20C4A	20.0/15.0	100							115	112	106	99	92	87	84	75	64	50	27																
7	2NSCJ20C3B	20.0/15.0	75											123	120	114	108	102	99	93	87	78	66	54	45	27										
8	2NSCJ20C2.5C	20.0/15.0	65															72	71	69	66	63	60	54	48	42	39	33	27	12						
9	2NSCJ25C4A	25.0/18.5	100									117	112	107	105	102	96	90	84	77	69	59	47	27												
10	2NSCJ25C3B	25.0/18.5	75															126	120	114	108	102	99	93	87	78	72	60	48	30						
11	2NSCJ25C2.5C	25.0/18.5	65																		75	72	69	66	63	60	57	51	45	42	36	30	21			
12	2NSCJ30C4A	30.0/22.5	100											117	114	113	109	104	100	95	90	84	78	71	63	54	41									
13	2NSCJ40C4A	40.0/30.0	100													117	114	110	106	102	98	94	89	84	79	73	66	59	50	37						

Performance Curves • 2900 RPM

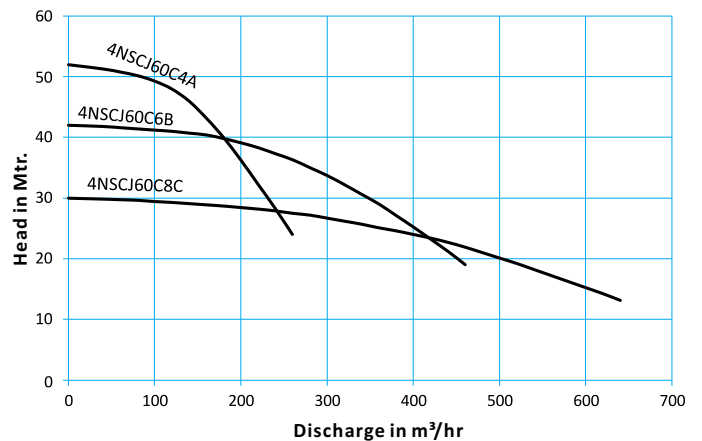
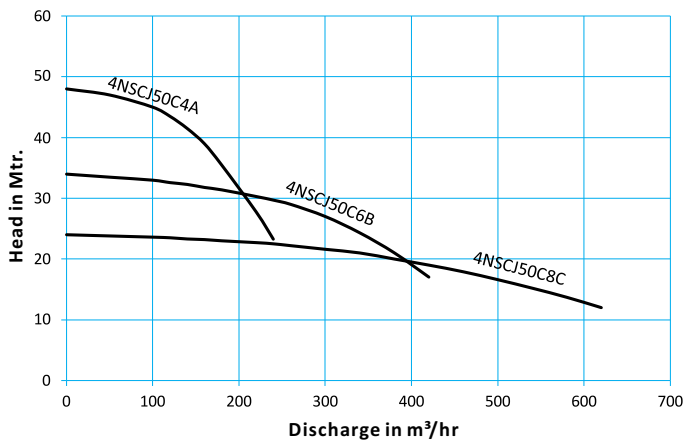
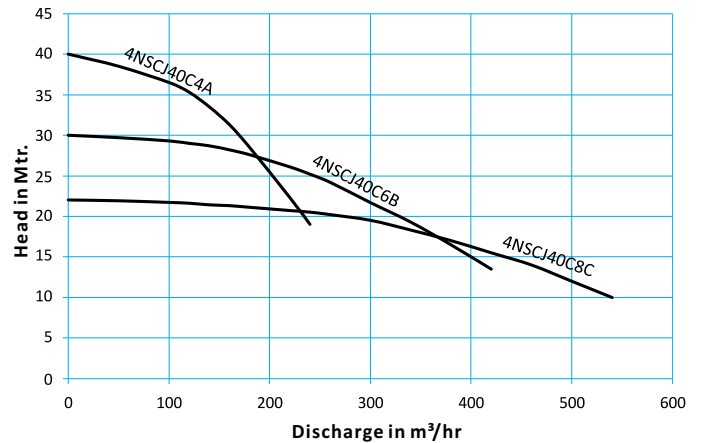
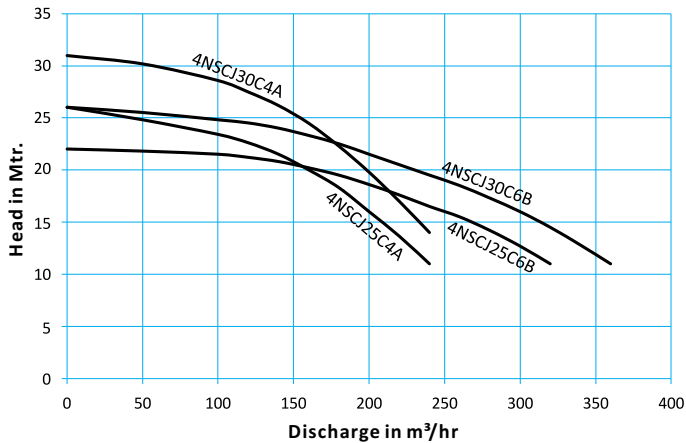
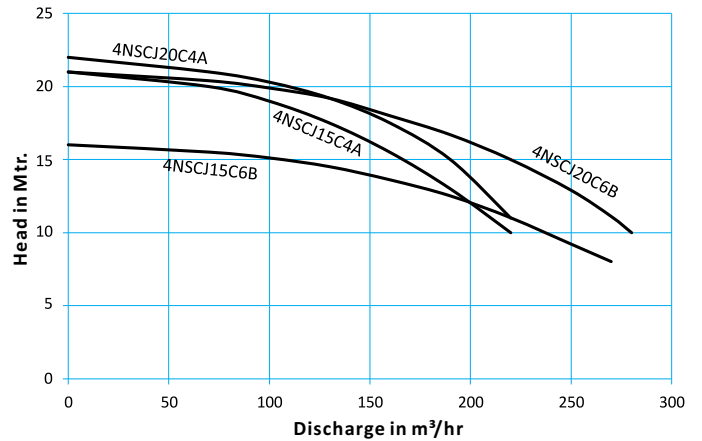
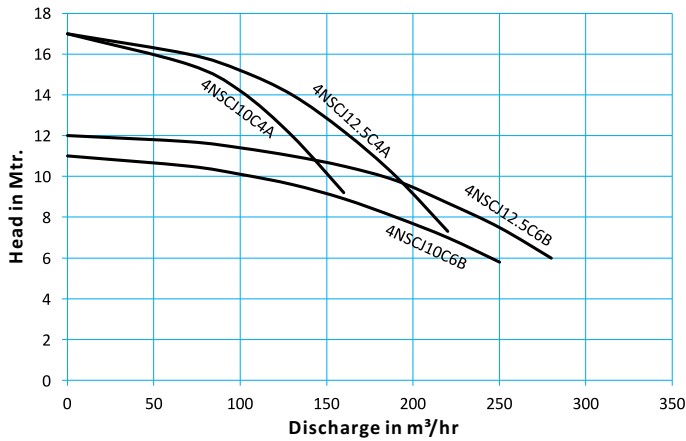


Performance Chart • 1450 RPM

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	28	30	32	34	36	38	40	42	44	46	48	50		
1	4NSCJ10C4A	10.0/7.5	100			166	158	149	139	129	117	103	86	61																							
2	4NSCJ10C6B	10.0/7.5	150	246	220	190	151	85																													
3	4NSCJ12.5C4A	12.5/9.3	100			207	197	186	174	160	146	129	107	76																							
4	4NSCJ12.5C6B	12.5/9.3	150	280	260	237	211	178	131																												
5	4NSCJ15C4A	15.0/11.0	100					213	204	195	185	174	163	150	136	119	99	67																			
6	4NSCJ15C6B	15.0/11.0	150			269	254	238	220	200	176	147	104																								
7	4NSCJ20C4A	20.0/15.0	100						230	221	212	202	192	180	168	154	138	119	92																		
8	4NSCJ20C6B	20.0/15.0	150					283	271	258	245	231	216	199	180	158	131	89																			
9	4NSCJ25C4A	25.0/18.5	100							231	223	215	207	198	189	179	168	156	143	128	109	83															
10	4NSCJ25C6B	25.0/18.5	150						320	308	295	282	267	251	234	215	193	166	129																		
11	4NSCJ30C4A	30.0/22.0	100											232	225	218	210	203	195	186	177	168	158	135	105	52											
12	4NSCJ30C6B	30.0/22.0	150						357	346	334	322	310	297	282	267	251	234	214	191	163	124															
13	4NSCJ40C4A	40.0/30.0	100															234	228	223	218	213	207	195	182	168	152	133	110	75							
14	4NSCJ40C6B	40.0/30.0	150										396	389	374	362	350	337	324	310	295	279	262	222	168												
15	4NSCJ40C8C	40.0/30.0	200					537	518	498	477	455	431	406	378	347	311	268	208																		
16	4NSCJ50C4A	50.0/37.5	100																				235	231	222	214	205	195	185	174	162	148	133	114	88		
17	4NSCJ50C6B	50.0/37.5	150													428	416	405	393	380	367	354	340	309	274	231	173										
18	4NSCJ50C8C	50.0/37.5	200							619	595	570	543	515	485	452	416	376	328	269	177																
19	4NSCJ60C4A	60.0/45.0	100																																		
20	4NSCJ60C6B	60.0/45.0	150															456	447	438	429	420	410	390	369	346	321	293	260	220	162						
21	4NSCJ60C8C	60.0/45.0	200																				642	624	606	587	567	547	525	502	478	452	424	394	320	202	



Performance Curves • 1450 RPM





Affordable slurry pumps

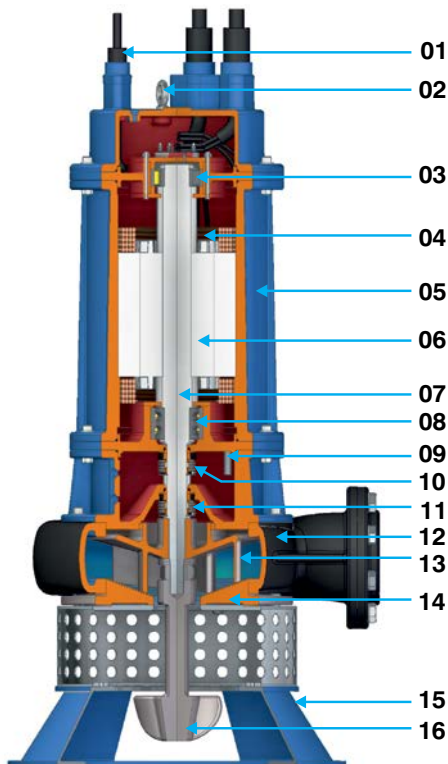
Flow rate upto 480 m³/hr
Maximum head upto 50 m
Range of 12 pumps 5 to 60 hp
Solid handling upto 40 mm

27% High chrome impeller
2% nickel hardened volute casing

Inbuilt heavy duty Agitator

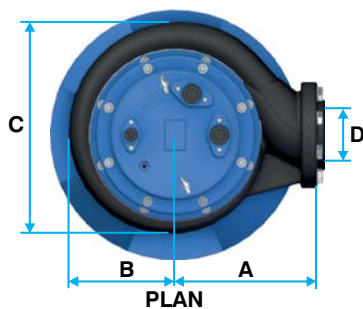
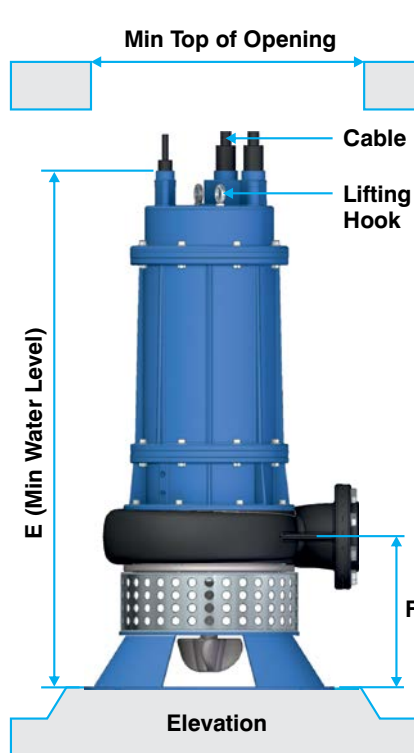


Cross Section



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR/PVC INSULATED
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

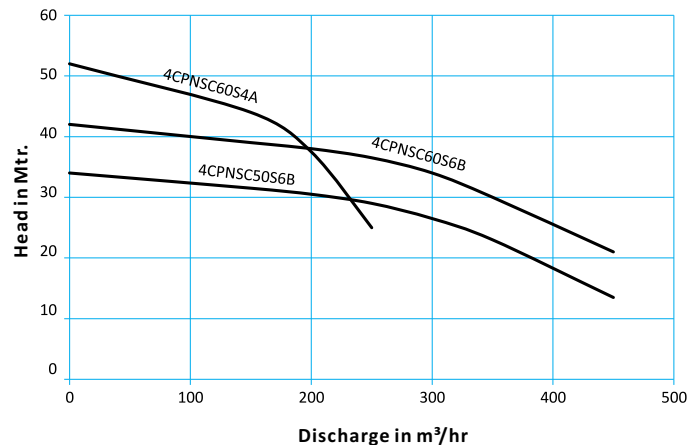
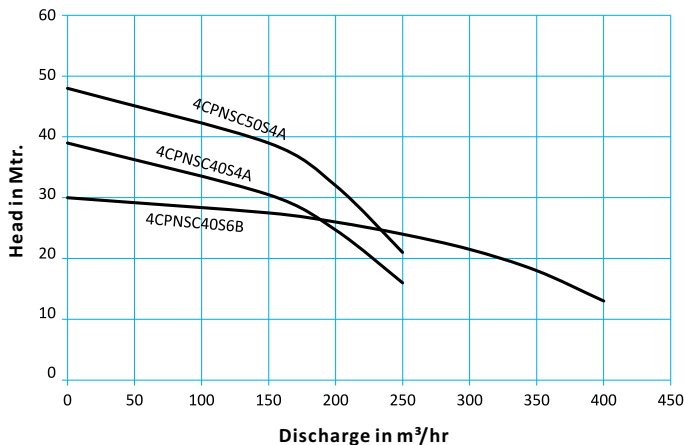
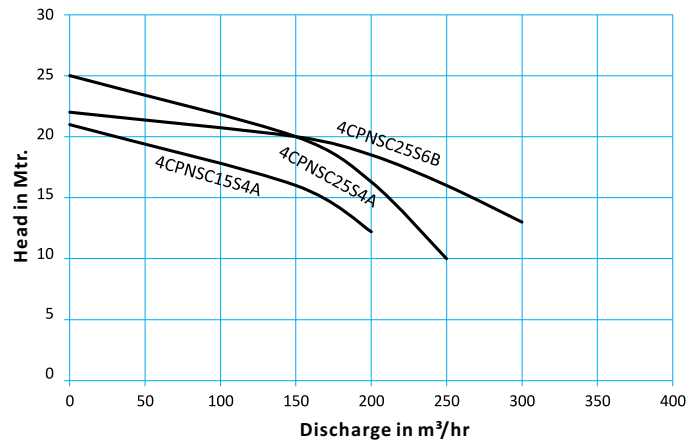
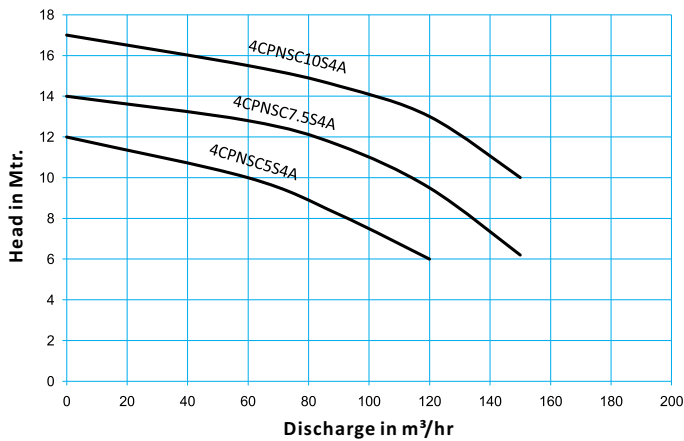
MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4CPNSC5S4A	675	215	160	321	100	873	250	170	20x18x41	239
4CPNSC7.5S4A	675	215	160	321	100	923	250	187	20x18x43	259
4CPNSC10S4A	775	265	210	415	100	1019	249	196	24x21x47	283
4CPNSC15S4A	775	265	210	415	100	1084	249	223	24x21x50	315
4CPNSC25S4A	826	300	226	449	100	1165	264	324	26x23x53	433
4CPNSC25S6B	889	330	259	515	150	1176	270	340	28x25x53	466
4CPNSC40S4A	910	350	260	515	100	1403	348	478	29x25x62	619
4CPNSC40S6B	984	378	306	607	150	1418	354	494	32x29x63	653
4CPNSC50S4A	910	350	260	515	100	1428	348	491	29x25x63	636
4CPNSC50S6B	984	378	306	607	150	1443	354	516	32x29x64	680
4CPNSC60S4A	910	350	260	515	100	1478	348	538	29x25x65	688
4CPNSC60S6B	984	378	306	607	150	1493	354	546	32x29x66	715

Performance Chart • 1450 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			

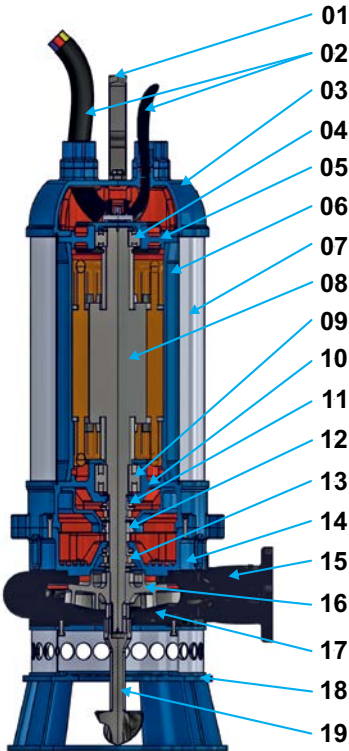
No.	Model	HP/KW	Del. Size in mm		HEAD IN METERS																
					14	16	17	18	19	20	22	23	24	26	28	30	32	34	36	37	38
7	4CPNSC40S4A	40.0/30.0	100	DISCHARGE IN m ³ /hr					234	228	218	213	207	195	182	168	152	133	110	96	75
8	4CPNSC40S6B	40.0/30.0	150		396	374	362	350	337	324	295	279	262	222	168						
9	4CPNSC50S4A	50.0/37.0	100									235	231	222	214	205	195	185	174	168	162
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
12	4CPNSC60S6B	60.0/45.0	150						456	447	429	420	410	390	369	346	321	293	260	241	220

Performance Curves • 1450 RPM



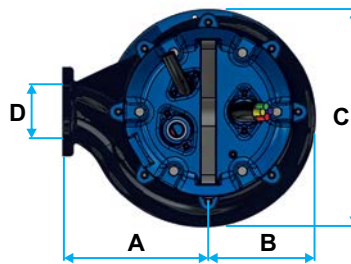
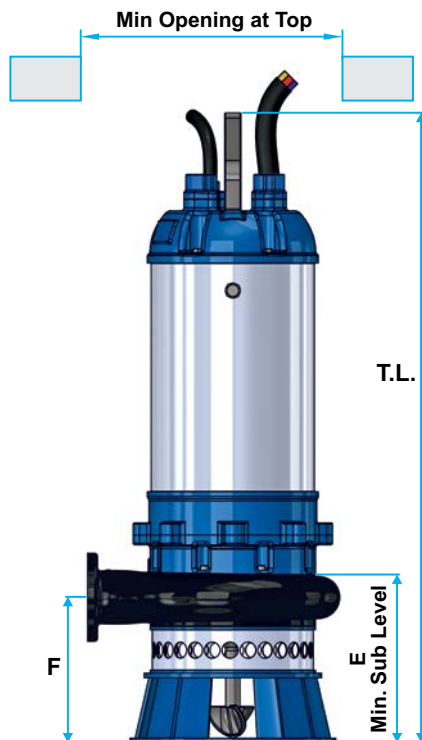
Submersible Contractor Jacketed Pumps

Cross Section



NO.	DESCRIPTION	MATERIAL
01	LIFTING HANDLE	S.S.
02	POWER & CONTROL CABLE	H07RN-F EPR/PVC INSULATED
03	TOP COVER	C.I. IS210, FG260
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	TOP BEARING HOUSING	C.I. IS210, FG260
06	STATOR BODY	C.I. IS210, FG260
07	OUTER JACKET	S.S. 304
08	ROTOR COMPLETE	S.S. 410+ALLU. DIA CAST
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BEARING HOUSING	C.I. IS210, FG260
11	MECH. SEAL (UPPER)	CR / SS
12	GLYCOL LIFTER	INDUSTRIAL PLASTIC
13	MECH. SEAL (LOWER)	SIC / SIC
14	OIL CHAMBER	C.I. IS210, FG260
15	VOLUTE	2% NI C.I. IS-210, FG260
16	IMPELLER	27% HIGH CHROME
17	SPIRAL PLATE	2% NI C.I. IS-210, FG260
18	PUMP STAND	M.S. FABRICATED
19	AGITATOR	S.S. 304
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



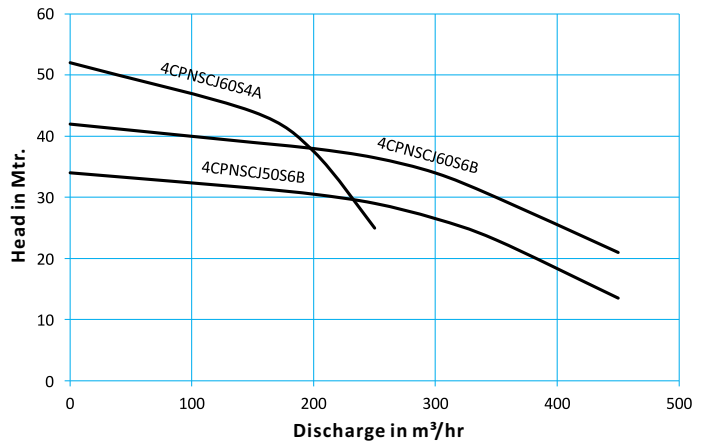
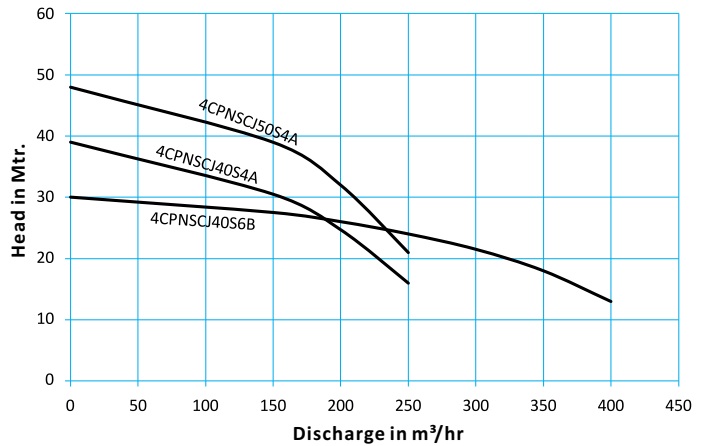
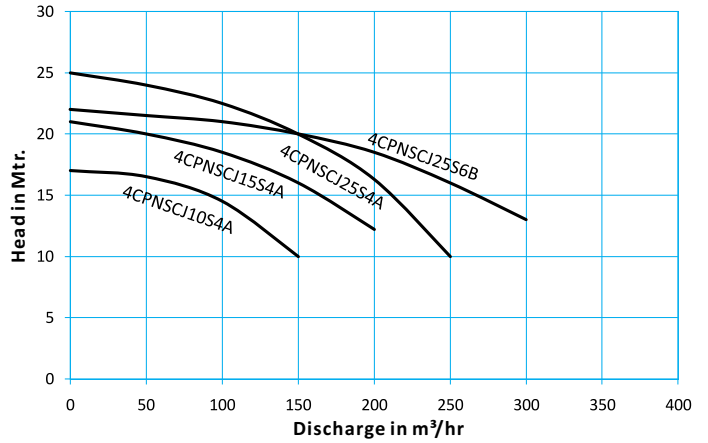
All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	C	D	E	F	T.L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4CPNSCJ10C4A	775	265	210	415	100	303	251	1141	246	24x21x52	333
4CPNSCJ15C4A	775	265	210	415	100	303	251	1204	273	24x21x55	365
4CPNSCJ25C4A	826	300	226	449	100	313	264	1314	374	26x23x59	483
4CPNSCJ25C6B	889	330	259	515	150	324	269.5	1325	390	28x25x59	516
4CPNSCJ40C4A	910	350	260	515	100	398	347.5	1570	528	29x25x69	669
4CPNSCJ40C6B	984	378	306	607	150	411	354	1583	544	32x29x69	703
4CPNSCJ50C4A	910	350	260	515	100	398	347.5	1595	541	29x25x70	686
4CPNSCJ50C6B	984	378	306	607	150	411	354	1608	566	32x29x70	730
4CPNSCJ60C4A	910	350	260	515	100	398	347.5	1645	588	29x25x72	738
4CPNSCJ60C6B	984	378	306	607	150	411	354	1658	596	32x29x73	765

Performance Chart • 1450 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	26	28	30	32	34	36	37	38	40	42	45	47	48	50	
1	4CPNSCJ10S4A	10.0/7.5	100			166	158	149	139	129	117	103	61																						
2	4CPNSCJ15S4A	15.0/11.0	100					213	204	195	185	174	150	136	119	99	67																		
3	4CPNSCJ25S4A	25.0/18.5	100							231	223	215	198	189	179	168	156	128	109	83															
4	4CPNSCJ25S6B	25.0/18.5	150						320	308	295	282	251	234	215	193	166																		
5	4CPNSCJ40S4A	40.0/30.0	100													234	228	218	213	207	195	182	168	152	133	110	96	75							
6	4CPNSCJ40S6B	40.0/30.0	150																																
7	4CPNSCJ50S4A	50.0/37.0	100																																
8	4CPNSCJ50S6B	50.0/37.0	150																																
9	4CPNSCJ60S4A	60.0/45.0	100																																
10	4CPNSCJ60S6B	60.0/45.0	150																																

Performance Curves • 1450 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

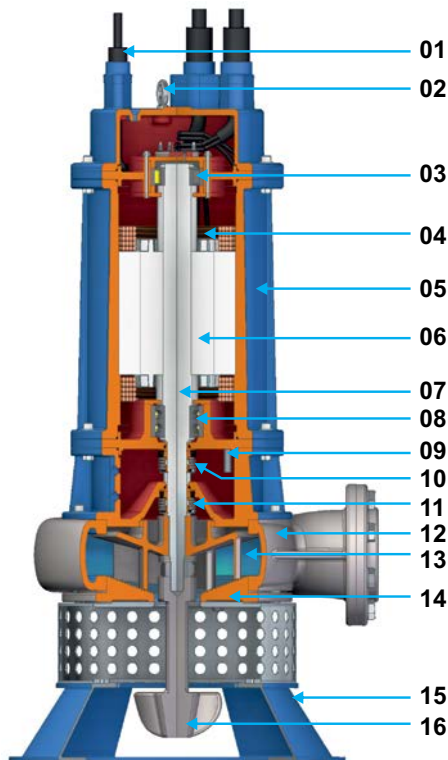


Agitator



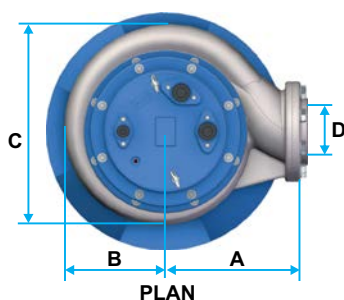
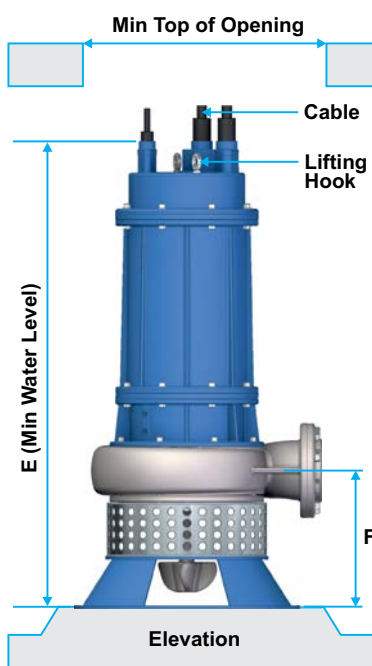
Ni-HARD Series Submersible Slurry Pumps

Cross Section



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	SCREEN CABLE
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



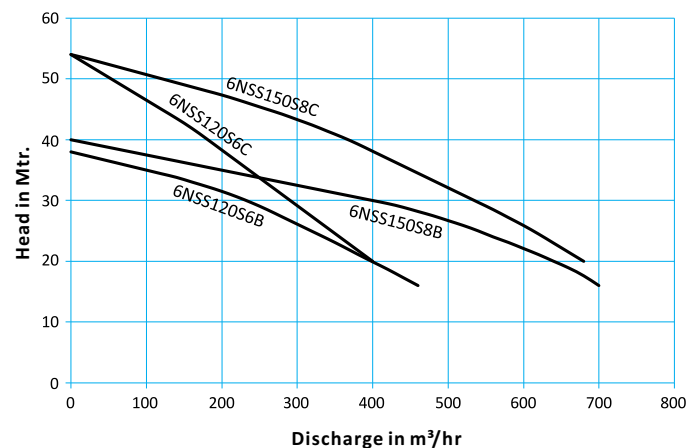
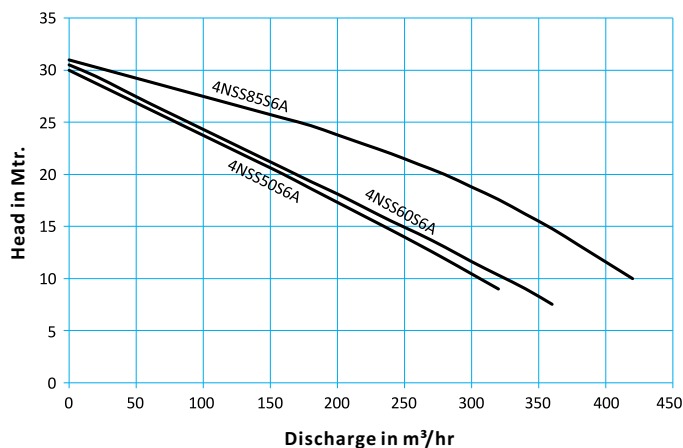
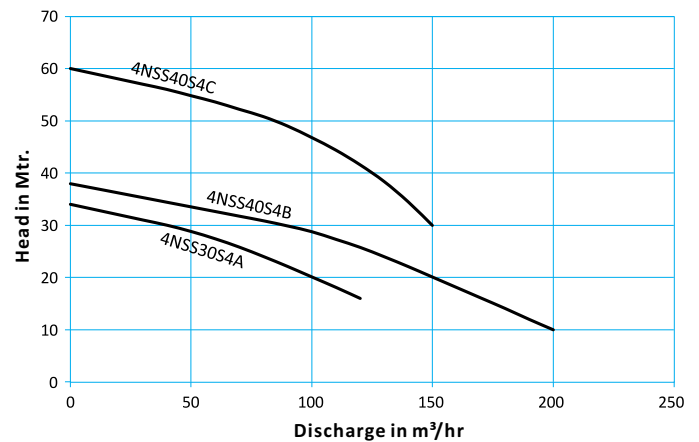
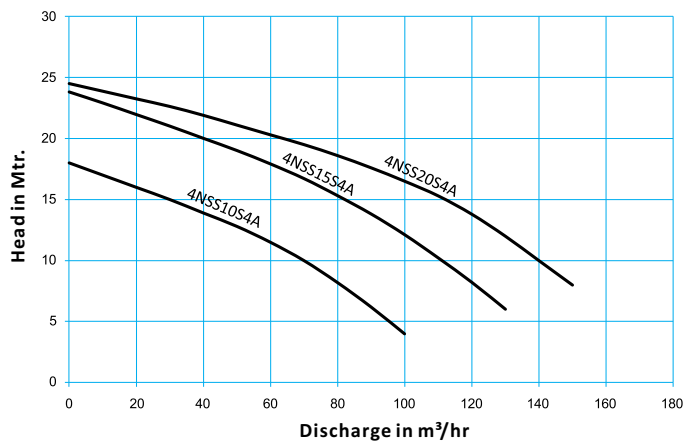
All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4NSSC10S4A	801	282	219	438	100	1012	254	198	25x22x47	298
4NSSC15S4A	801	282	219	438	100	1077	254	216	25x22x49	325
4NSSC20S4A	801	282	219	438	100	1109	259	275	25x22x51	384
4NSSC30S4A	925	360	265	524	100	1334	361	320	30x26x60	441
4NSSC40S4B	925	360	265	524	100	1399	361	480	30x26x62	628
4NSSC40S4C	925	360	265	524	100	1399	361	480	30x26x62	628
4NSSC50S6A	885	325	260	518	150	1451	374	495	28x25x64	643
4NSSC60S6A	885	325	260	518	150	1501	374	664	28x25x66	816
4NSSC85S6A	881	330	251	498	150	1574	389	784	28x25x69	940
6NSSC120S6B	1067	468	319	635	150	1850	270	1233	39x31x75	1449
6NSSC120S6C	1067	468	319	635	150	1850	270	1233	39x31x75	1449
6NSSC150S8B	1067	468	319	635	200	1950	270	1320	44x36x77	1542
6NSSC150S8C	1067	468	319	635	200	1950	270	1320	44x36x77	1542

Performance Chart • 1450 RPM

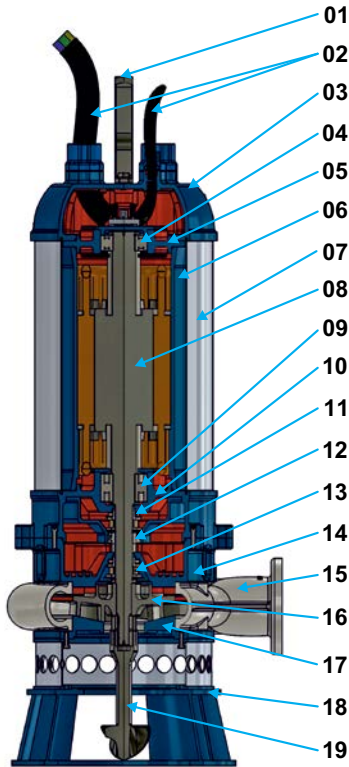
No.	Model	Name	HP/KW	RPM	Del. Size mm		HEAD IN METERS																											
							4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58
1	4NSS10S4A	Handy	10.0/7.5	1450	100	DISCHARGE IN m ³ /hr	96	84	78	72	51	39	21																					
2	4NSS15S4A	Junior	15.0/11.0	1450	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 RPM



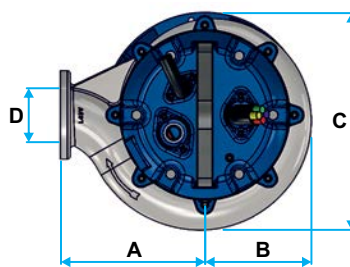
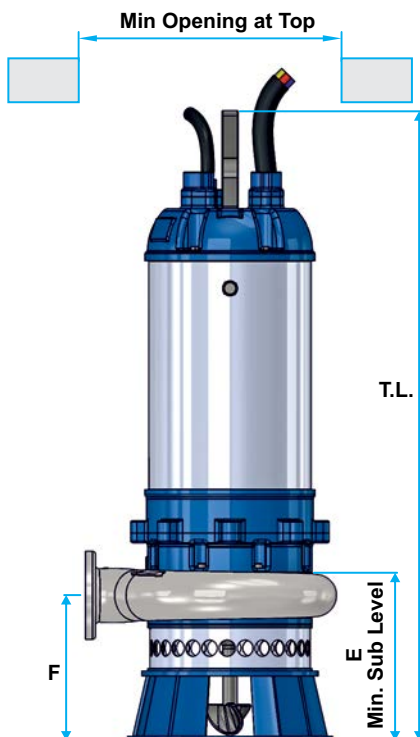
Ni-HARD Series Jacketed Slurry Pumps

Cross Section



NO.	DESCRIPTION	MATERIAL
1	LIFTING HANDLE	S.S.
2	POWER & CONTROL CABLE	SCREEN CABLE
3	TOP COVER	C.I. IS210, FG260
4	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
5	TOP BEARING HOUSING	C.I. IS210, FG260
6	STATOR BODY	C.I. IS210, FG260
7	OUTER JACKET	S.S 304
8	ROTOR COMPLETE	S.S. 410+ALLU. DIA CAST
9	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BEARING HOUSING	C.I. IS210, FG260
11	MECH. SEAL (UPPER)	CR / SS
12	GLYCOL LIFTER	INDUSTRIAL PLASTIC
13	MECH. SEAL (LOWER)	SIC / SIC
14	OIL CHAMBER	C.I. IS210, FG260
15	VOLUTE	NI HARD
16	IMPELLER	NI HARD
17	SPIRAL PLATE	NI HARD
18	PUMP STAND	M.S. FABRICATED
19	AGITATOR	S.S. 304
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing



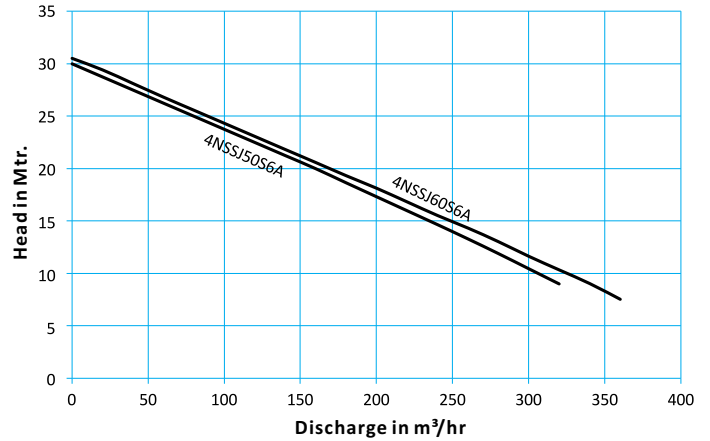
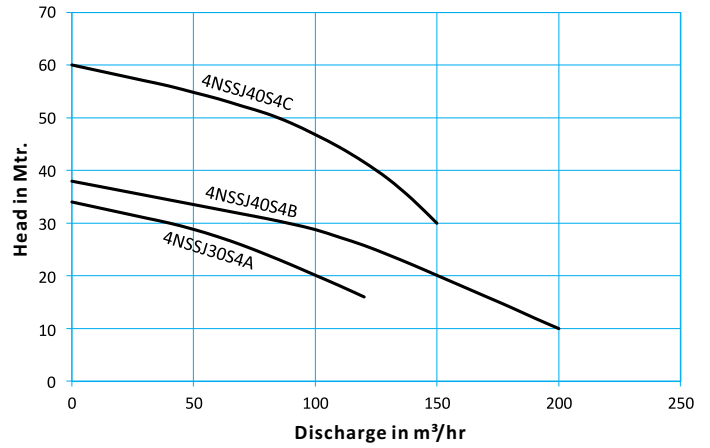
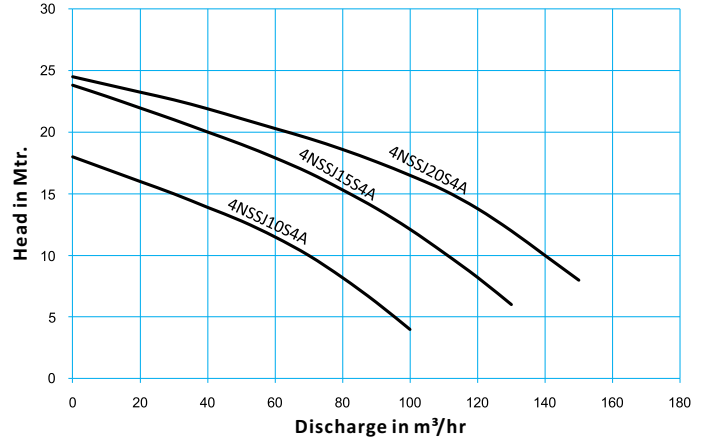
All Dimension are in mm

MODEL	MIN. OPE-NING	A	B	C	D	E	F	T.L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4NSSCJ10S4A	801	282	219	438	100	306	254	1195	248	25x22x54	348
4NSSCJ15S4A	801	282	219	438	100	306	254	1195	266	25x22x54	375
4NSSCJ20S4A	801	282	219	438	100	316	259	1373	325	25x22x61	434
4NSSCJ30S4A	925	360	265	524	100	416	360.5	1473	370	30x26x65	491
4NSSCJ40S4A	925	360	265	524	100	419	363.5	1576	530	30x26x69	678
4NSSCJ50S6A	885	325	260	518	150	443	374	1625	545	28x25x71	693
4NSSCJ60S6A	885	325	260	518	150	443	374	1655	714	28x25x72	866

Performance Chart • 1450 RPM

No.	Name	Model	HP/KW	Del. Size in mm	DISCHARGE IN m ³ /hr	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	HANDY	4NSSJ10S4A	10.0/7.5	100		96	84	78	72	51	39	21																					
2	JUNIOR	4NSSJ15S4A	15.0/11.0	100			126	120	111	99	87	72	57	39	18																		
3	MAXIMO	4NSSJ20S4A	20.0/15.0	100				150	144	132	120	105	90	63	42																		
4	MAXIMO XL	4NSSJ30S4A	30.0/22.0	100								117	111	102	96	87	75	63	42	12													
5	TERMINATOR H	4NSSJ40S4B	40.0/30.0	100					204	192	186	177	165	156	147	132	120	105	90	72	51	27											
6	TERMINATOR HH	4NSSJ40S4C	40.0/30.0	100															150	147	144	141	138	135	111	105	96	93	85	80	69	60	35
7	COMMANDO	4NSSJ50S6A	50.0/37.0	150					312	282	252	228	192	165	126	84	48	12															
8	DESTROYER	4NSSJ60S6A	60.0/45.0	150					360	348	300	240	222	186	156	102	48	24															

Performance Curves • 1450 RPM





*Versatile, really robust
and definitely mobile*

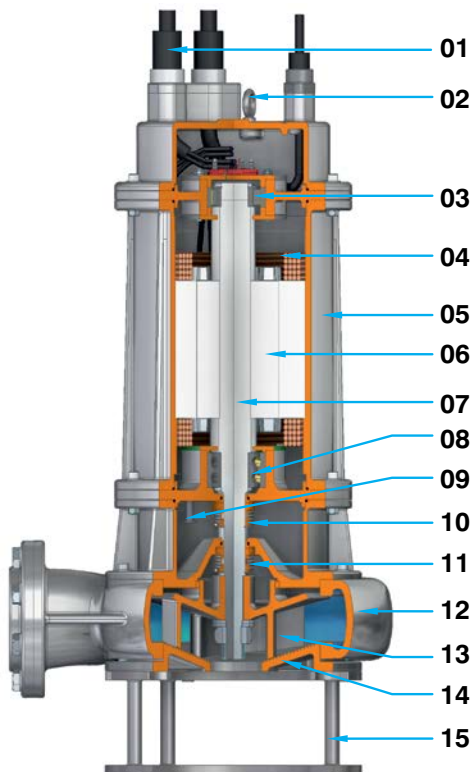
The SS & DS Series pumps use highly corrosion-resistant materials for all parts that are exposed to fluids, perfect for sea water applications.

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

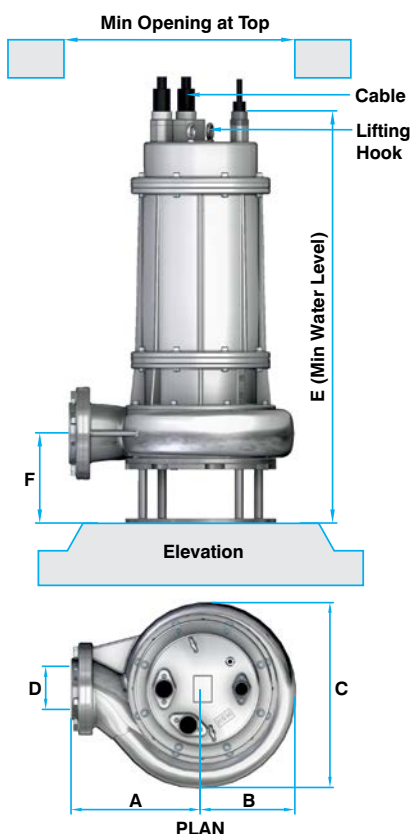


Cross Section



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR/PVC INSULATED
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



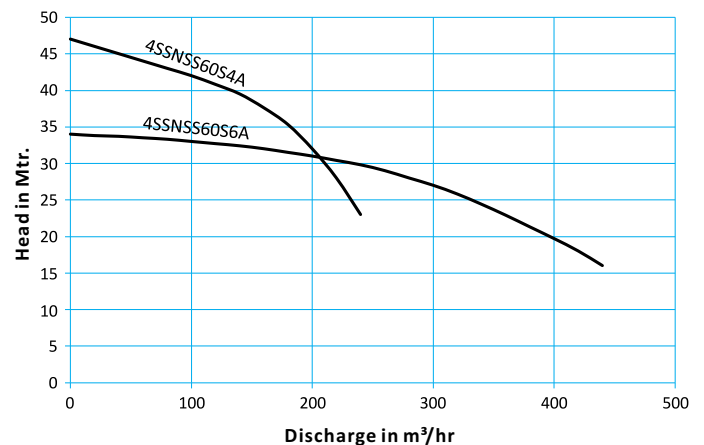
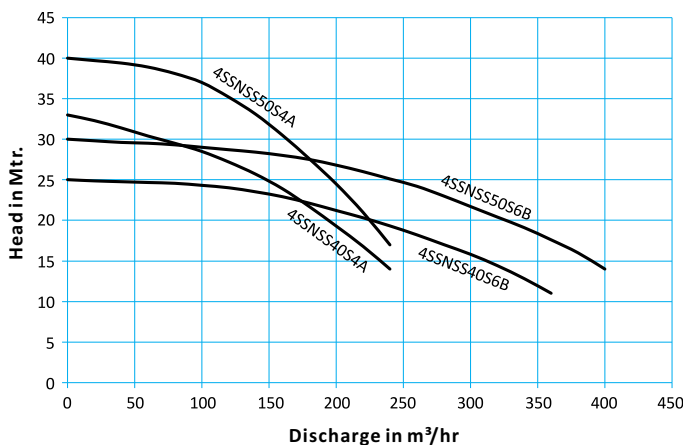
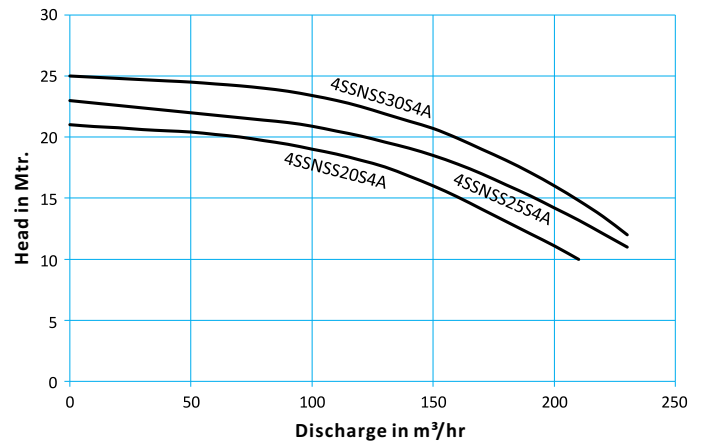
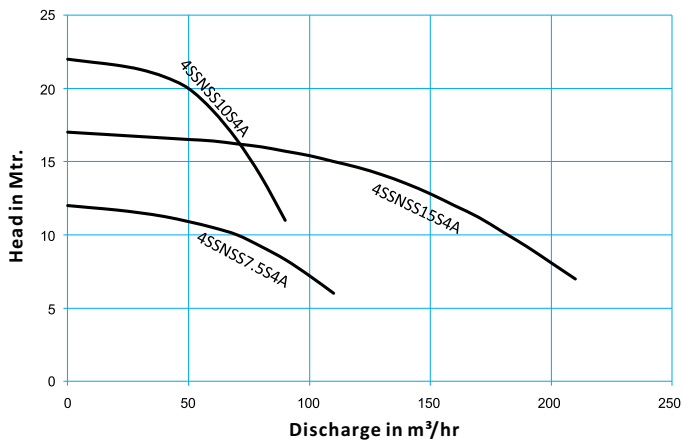
All Dimension are in mm

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	871	198	187	20x18x41	257
4SSNSS10S4A	775	265	210	415	100	971	201	196	24x21x45	287
4SSNSS15S4A	775	265	210	415	100	1036	201	223	24x21x45	317
4SSNSS20S4A	826	300	226	449	100	1088	232	295	26x23x50	406
4SSNSS25S4A	826	300	226	449	100	1133	232	324	26x23x52	435
4SSNSS30S4A	826	300	226	449	100	1233	232	356	26x23x56	474
4SSNSS40S4A	910	350	260	515	100	1321	266	478	29x25x59	621
4SSNSS40S6B	984	378	306	607	150	1336	272	494	32x29x60	653
4SSNSS50S4A	910	350	260	515	100	1346	266	491	29x25x60	639
4SSNSS50S6B	984	378	306	607	150	1361	272	516	32x29x61	679
4SSNSS60S4A	910	350	260	515	100	1396	266	538	29x25x62	690
4SSNSS60S6B	984	378	306	607	150	1411	272	546	32x29x63	709

Performance Chart • 1450 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								

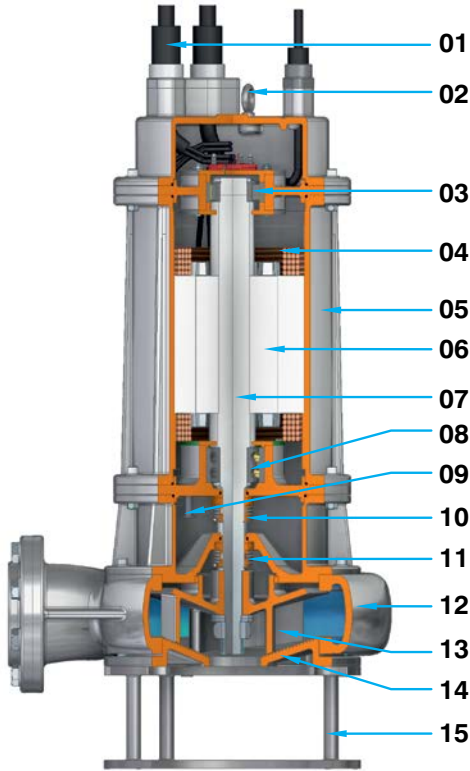
Performance Curves • 1450 RPM



Submersible Sewage Pumps - DS Series

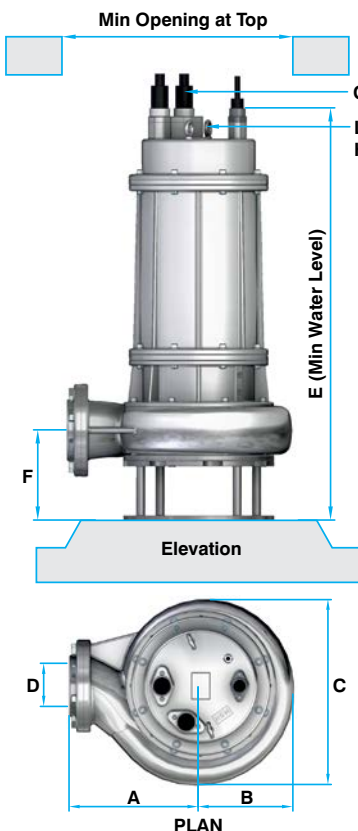
With Duplex Steel - 3A Construction

Cross Section



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR/PVC INSULATED
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	821	198	163	20x18x39	230
4DSNSC7.5S4A	675	215	160	321	100	871	198	187	20x18x41	257
4DSNSC10S4A	775	265	210	415	100	971	201	196	24x21x45	287
4DSNSC12.5S4A	775	265	210	415	100	1011	201	211	24x21x47	302
4DSNSC12.5S6B	889	330	259	515	150	1047	236	217	28x25x48	343
4DSNSC15S4A	775	265	210	415	100	1036	201	223	24x21x48	317
4DSNSC15S6B	889	330	259	515	150	1072	236	229	28x25x49	360
4DSNSC20S4A	826	300	226	449	100	1088	232	295	26x23x50	406
4DSNSC20S6B	889	330	259	515	150	1099	238	315	28x25x50	446
4DSNSC25S4A	826	300	226	449	100	1133	232	324	26x23x52	435
4DSNSC25S6B	889	330	259	515	150	1144	238	340	28x25x52	475
4DSNSC30S4A	826	300	226	449	100	1233	232	356	26x23x56	474
4DSNSC30S6B	889	330	259	515	150	1244	238	375	28x25x56	514
4DSNSC40S4A	910	350	260	515	100	1321	266	478	29x25x59	621
4DSNSC40S6B	984	378	306	607	150	1336	272	494	32x29x60	653
4DSNSC50S4A	910	350	260	515	100	1346	266	491	29x25x60	639
4DSNSC50S6B	984	378	306	607	150	1361	272	516	32x29x61	678
4DSNSC50S8C	967	390	277	552	200	1397	299	534	31x27x62	696
4DSNSC60S4A	910	350	260	515	100	1396	266	538	29x25x62	690
4DSNSC60S6B	984	378	306	607	150	1411	272	546	32x29x63	709
4DSNSC60S8C	967	390	277	552	200	1447	299	563	31x27x64	730
4DSNSC75S8B	967	390	277	552	200	1457	299	785	31x27x64	952
4DSNSC85S8B	967	390	277	552	200	1491	299	807	31x27x66	983
4DSNSC100S8B	967	390	277	552	200	1581	299	845	31x27x69	1021

Submersible Sewage Pumps - DS Series

With Duplex Steel - 3A Construction

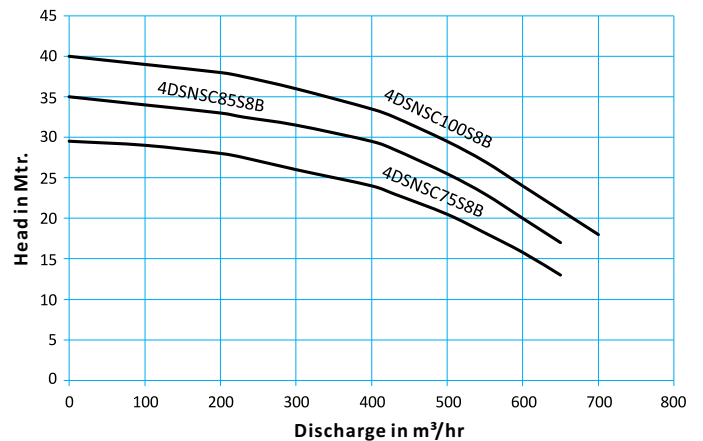
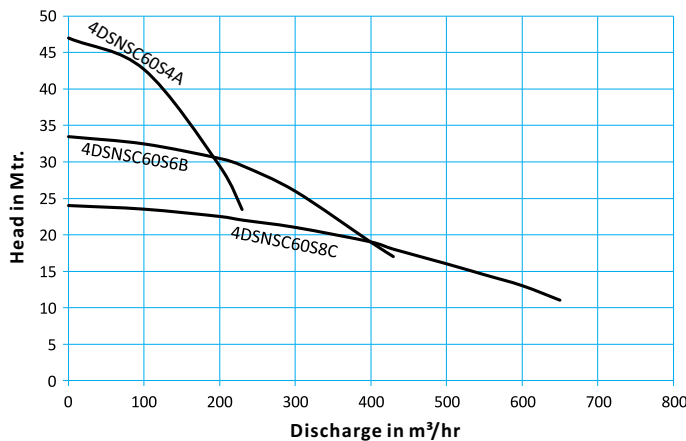
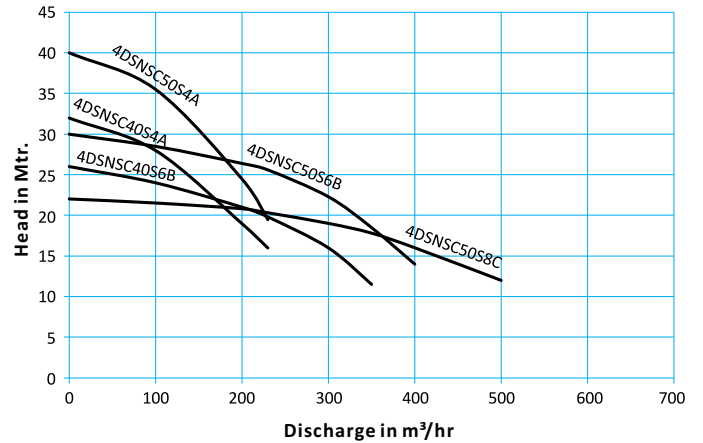
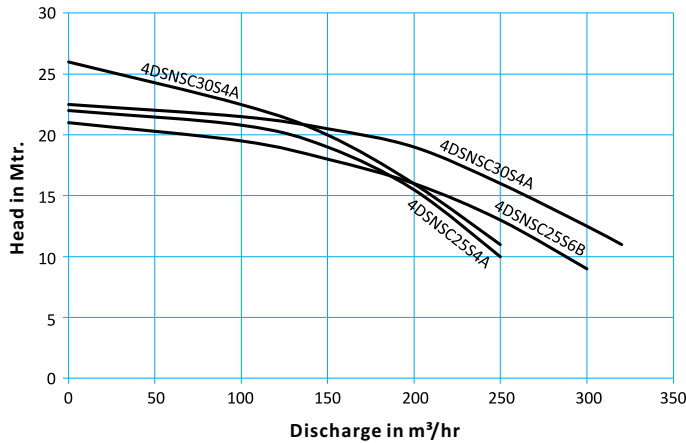
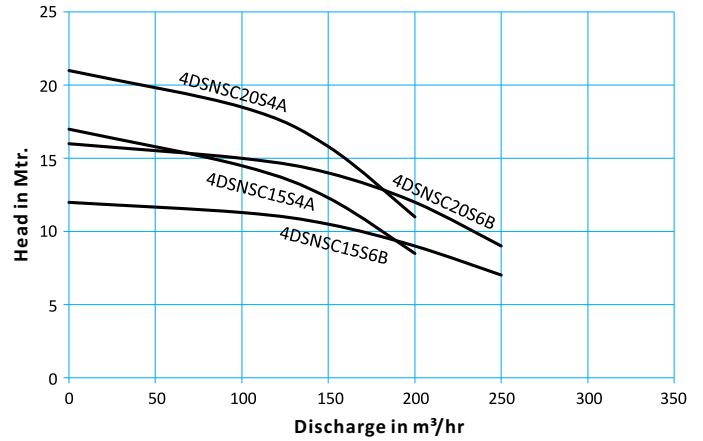
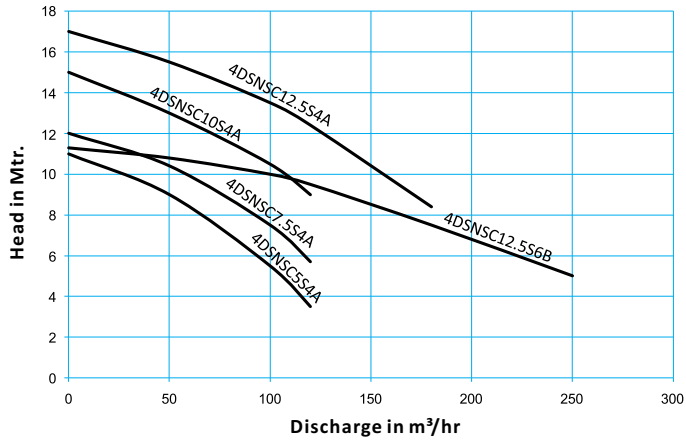
Performance Chart • 1450 RPM

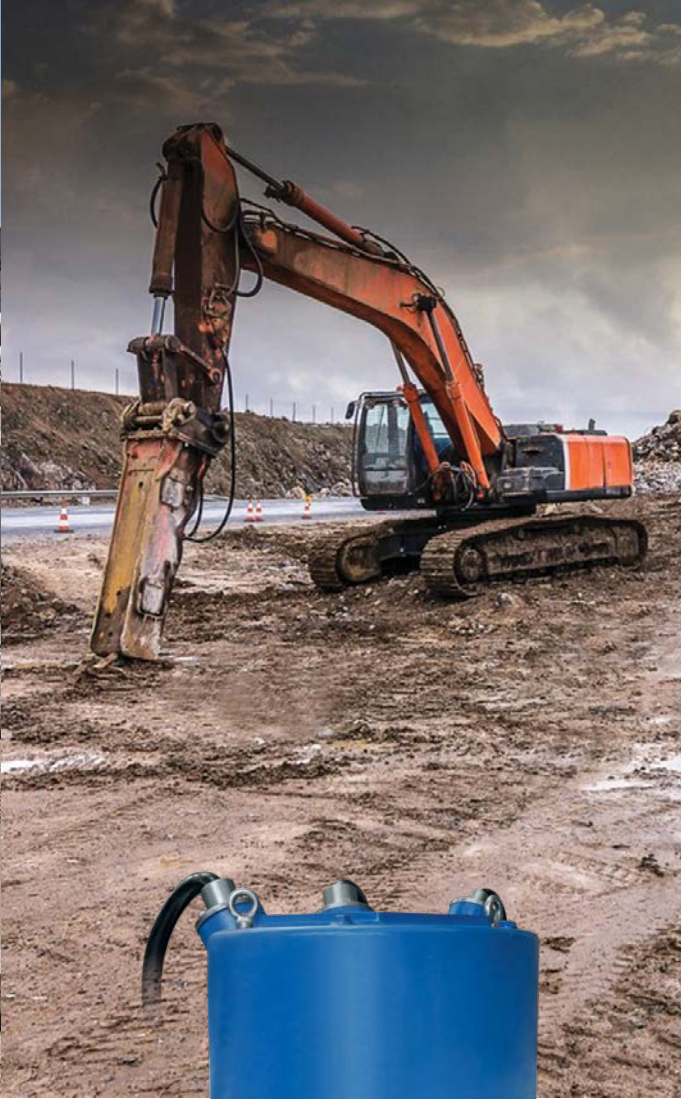
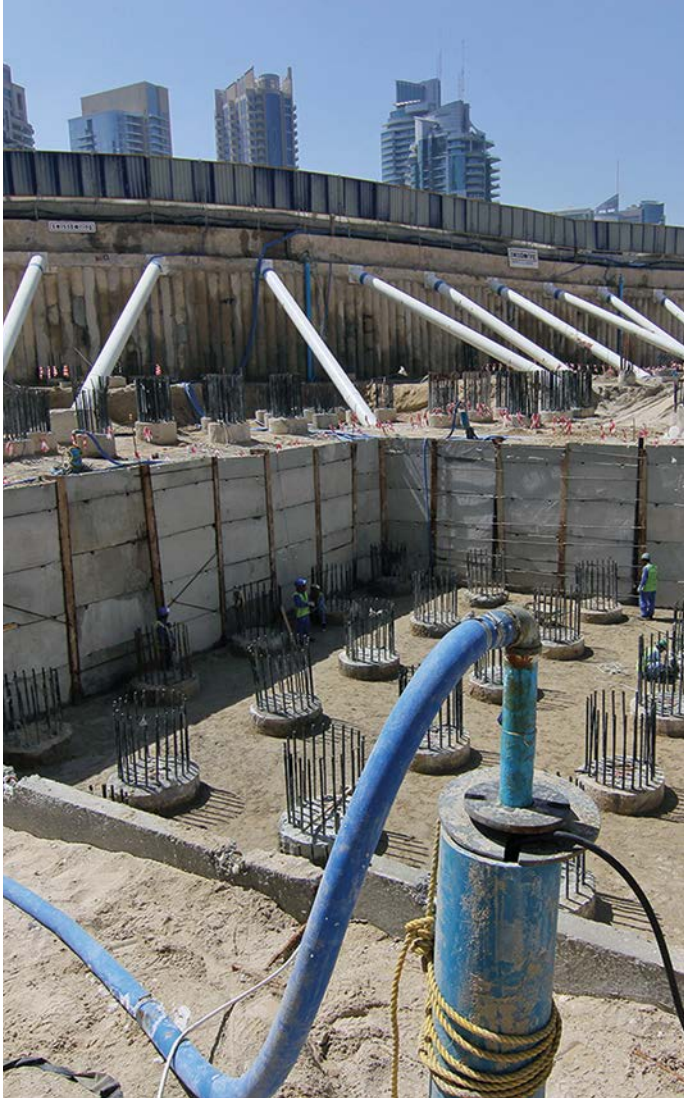
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Submersible Sewage Pumps - DS Series

With Duplex Steel - 3A Construction

Performance Curves • 1450 RPM





Dewatering from building
and construction sites

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

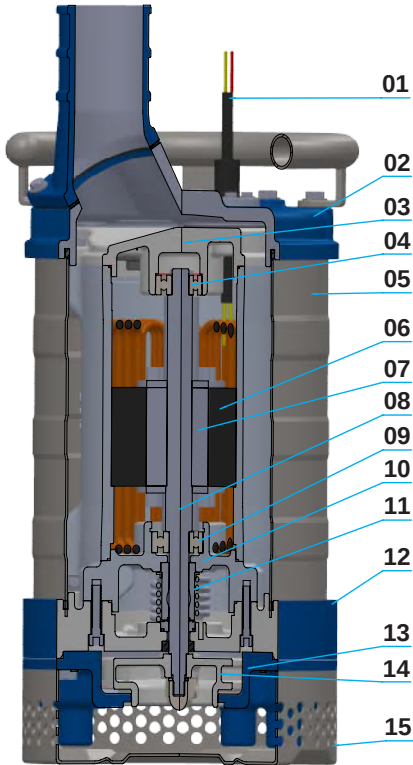
Ease of use, easy maintenance
and cost effective solutions



Submersible Dewatering Pumps

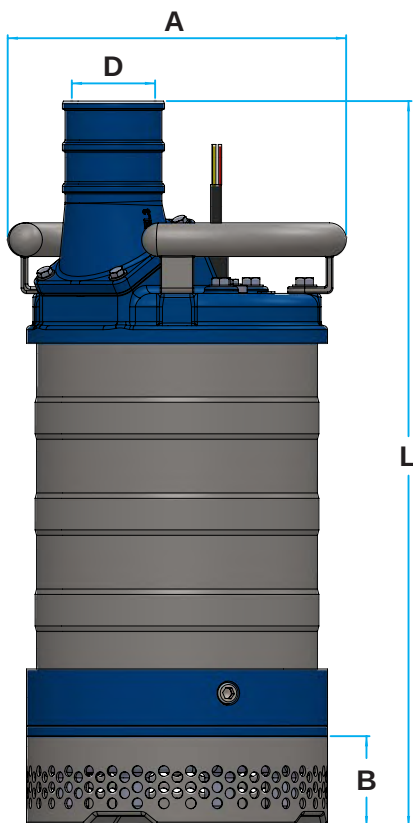
DCAL Series

Cross Section • Model : 1 to 25 HP (Aluminium)



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR / SCREEN CABLE
02	DISCHARGE OUT LET	ALUMINIUM
03	TOP BRG. COVER	ALUMINIUM
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304
06	STATOR BODY	ALUMINIUM
07	ROTOR COMPLETE	ALU. DYE-CAST
08	ROTOR SHAFT	S.S. 410
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BRG. HOUSING	ALUMINIUM
11	DUAL FACE MECH. SEAL	TC / TC
12	SEAL PLATE	ALUMINIUM
13	GUIDE VANE	ALUMINIUM
14	IMPELLER	HIGH CHROME
15	STRAINER	MS FABRICATED
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : 1 to 25 HP (Aluminium)



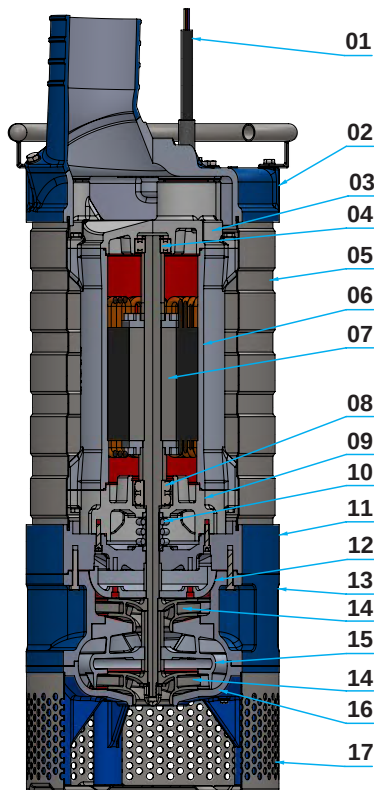
All Dimension are in mm

MODEL	MIN. OPE-NING	A	B	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2DCAL1C2H	451	252	67	50	514	29	25x15x20	59
2DCAL2C3H	451	252	67	75	540	29	26x15x20	59
2DCAL3C3H	477	277	100	75	639	40	30x16x21	70
2DCAL5C4M	545	345	115	100	752	56	35x19x24	91
2DCAL5C3H	545	345	115	75	731	56	35x19x24	91
2DCAL7.5C4M	516	316	100	100	844	70	38x17x22	105
2DCAL7.5C3H	516	316	100	75	737	70	38x17x22	105
2DCAL10C4M	516	316	100	100	844	80	38x17x22	110
2DCAL15C6M	609	409	170	150	965	108	43x21x26	158
2DCAL15C4H	609	409	170	100	965	108	43x21x26	158
2DCAL25C6M	628	428	191	150	1055	180	47x22x27	235
2DCAL25C4H	628	428	151	100	1011	180	47x22x27	235

Submersible Dewatering Pumps

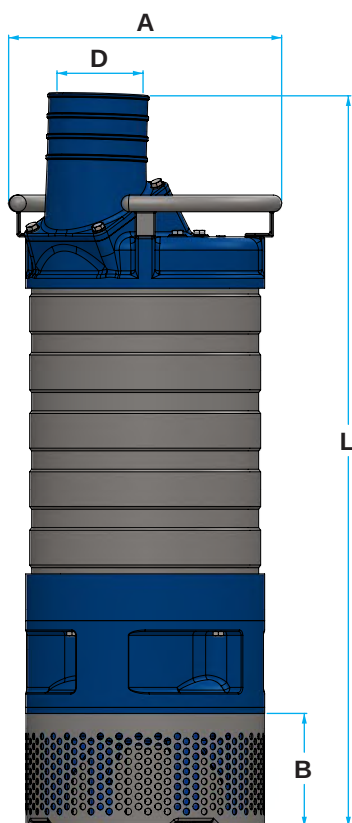
DCAL Series

Cross Section • Model : 10, 15 & 50 HP 2 Stage (Aluminium)



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR / SCREEN CABLE
02	DISCHARGE OUT LET	ALUMINIUM
03	TOP BRG. COVER	ALUMINIUM
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304
06	STATOR BODY	ALUMINIUM
07	COMPLETE ROTOR	ALU. DYE-CAST
08	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
09	BRG. HOUSING	ALUMINIUM
10	DUEL. MECH. SEAL	TC / TC
11	SEAL PLATE	ALUMINIUM
12	GUIDE COVER	ALUMINIUM
13	GUIDE VANE	ALUMINIUM
14	IMPELLER	HIGH CHROME
15	PUMP STAGE	ALUMINIUM
16	BASE	ALUMINIUM
17	STAINER	MS FABRICATED
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : 10, 15 & 50 HP 2 Stage (Aluminium)



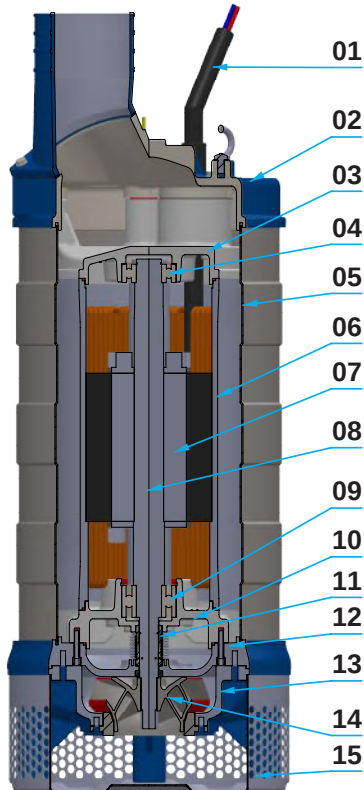
All Dimension are in mm

MODEL	MIN. OPE-NING	A	B	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
2DCAL10C3H	609	409	170	75	1096	85	48x21x26	115
2DCAL15C3HH	609	409	170	75	1072	112	48x21x26	162
2DCAL50C4HH	662	462	173	100	1450	395	62x23x28	475

Submersible Dewatering Pumps

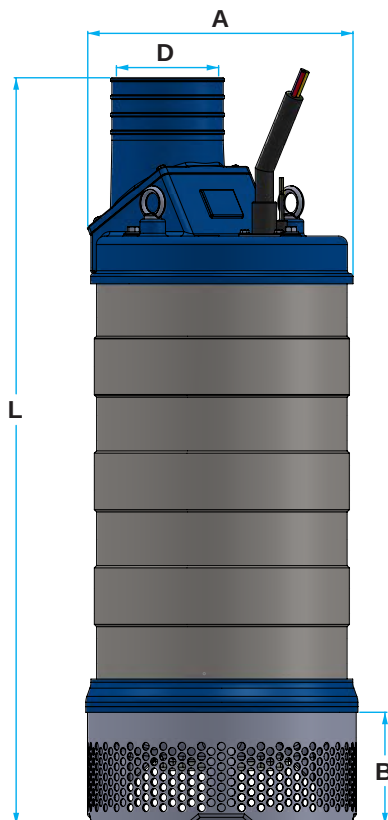
DCAL Series

Cross Section • Model : 40 & 50 HP (Aluminium)



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR / SCREEN CABLE
02	DISCHARGE OUT LET	ALUMINIUM
03	TOP BRG. COVER	ALUMINIUM
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304
06	STATOR BODY	ALUMINIUM
07	ROTOR COMPLETE	ALU. DYE-CAST
08	ROTOR SHAFT	S.S. 410
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BRG. HOUSING	ALUMINIUM
11	DUAL FACE MECH. SEAL	TC / TC
12	SEAL PLATE	ALUMINIUM
13	GUIDE VANE	ALUMINIUM
14	IMPELLER	HIGH CHROME
15	STRAINER	MS FABRICATED
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : 40 & 50 HP (Aluminium)



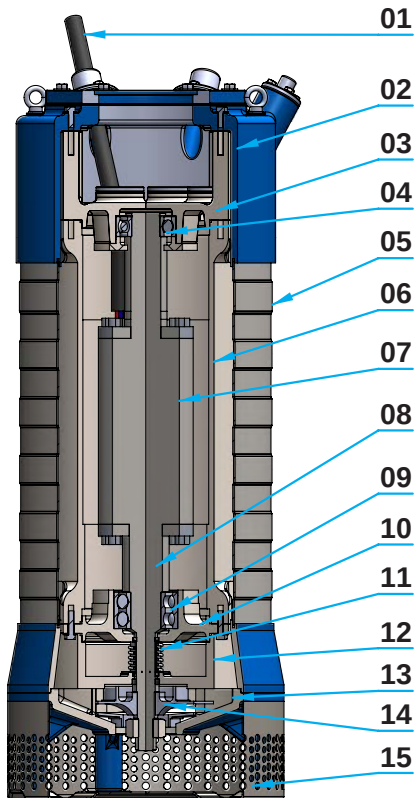
All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4DCAL40C8L	662	462	198	200	1345	385	58x23x28	465
2DCAL50C8M	662	462	198	200	1315	385	57x23x28	465
2DCAL50C4H	662	462	172	100	1295	385	56x23x28	465

Submersible Dewatering Pumps

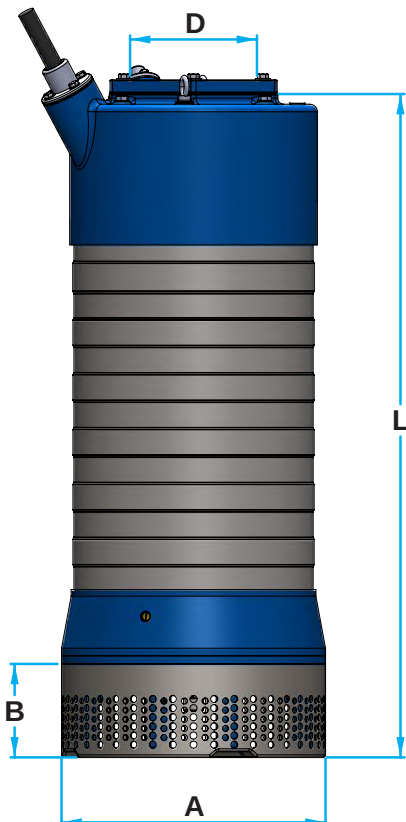
DCAL Series

Cross Section • Model : 85 HP (Aluminium)



NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	H07RN-F EPR / SCREEN CABLE
02	DISCHARGE OUT LET	ALUMINIUM
03	TOP BRG. COVER	ALUMINIUM
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB.)
05	BODY JACKET	S.S. 304
06	STATOR BODY	ALUMINIUM
07	ROTOR COMPLETE	ALU. DYE-CAST
08	ROTOR SHAFT	S.S. 410
09	BALL BEARING (D.E.)	FAG. (GREASE LUB.)
10	BRG. HOUSING	ALUMINIUM
11	DUAL FACE MECH. SEAL	TC / TC
12	SEAL PLATE	ALUMINIUM
13	GUIDE VANE	ALUMINIUM
14	IMPELLER	HIGH CHROME
15	STRAINER	MS FABRICATED
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Model : 85 HP (Aluminium)



All Dimension are in mm

MODEL	MIN. OPE- NING	A	B	D	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
4DCAL85C8L	720	520	184	200	1337	655	58x25x30	850
2DCAL85C8M	720	520	184	200	1307	655	58x25x30	850
2DCAL85C6H	720	520	184	150	1307	655	58x25x30	850

Performance Chart

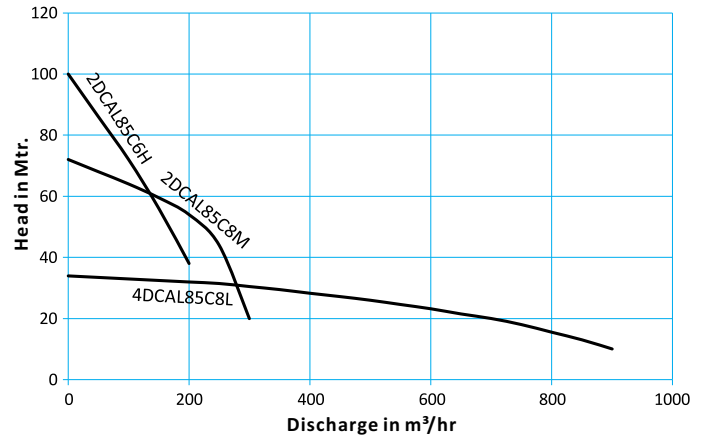
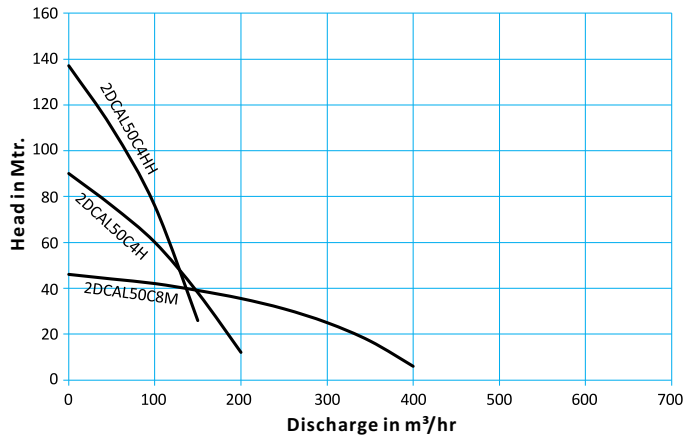
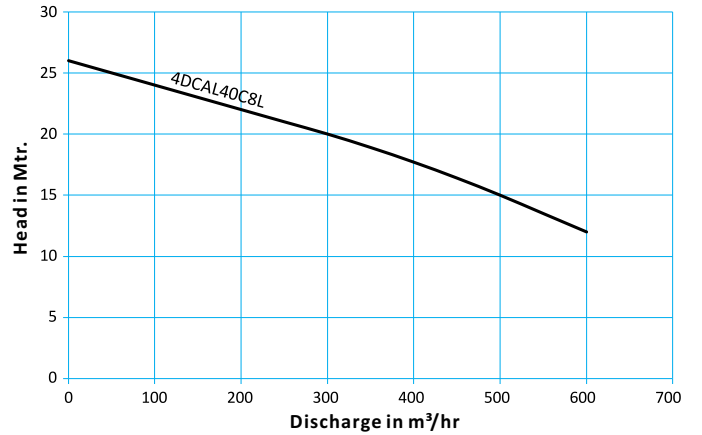
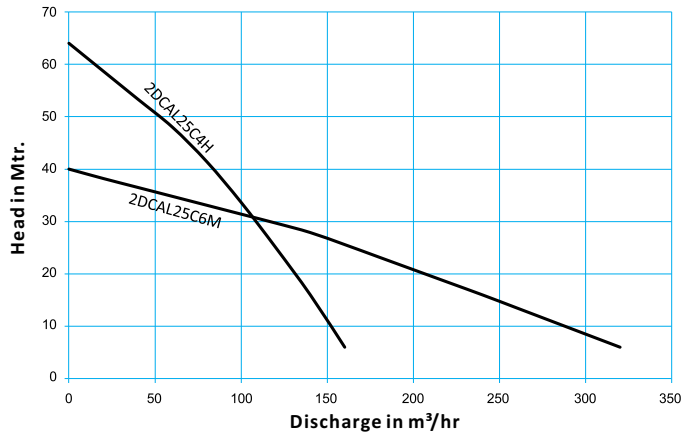
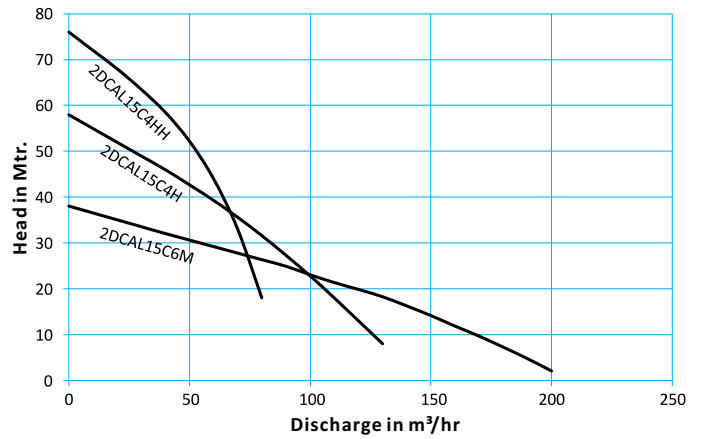
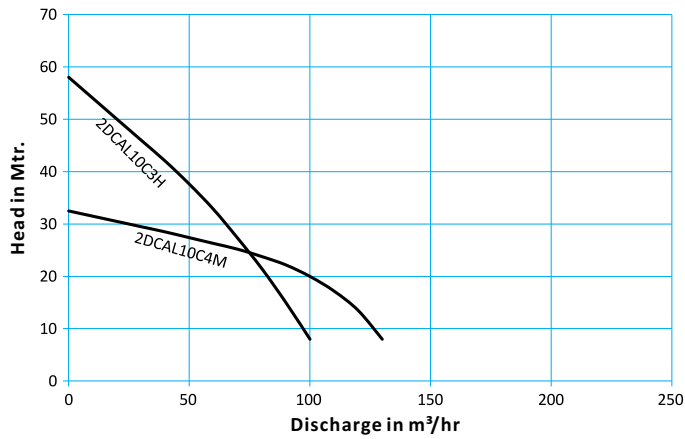
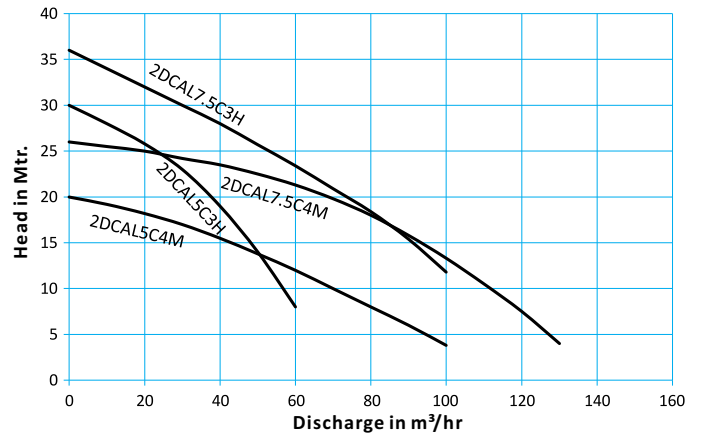
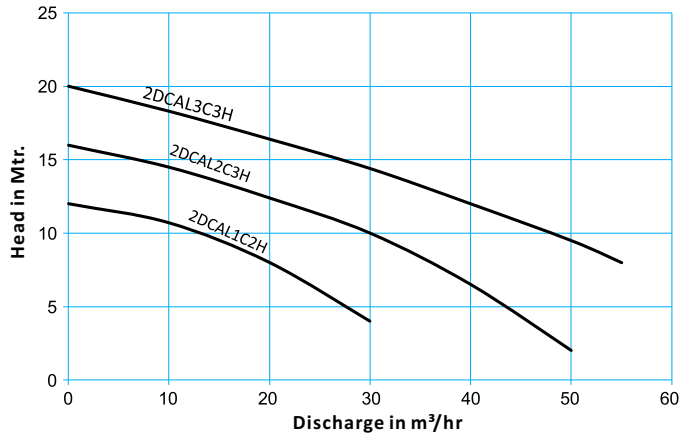
No. Model	HP/KW	Del. Size in mm	HEAD IN METERS																		
			4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
1 2DCAL1C2H	1.0/0.75	2900	50	31	28	21	11														
2 2DCAL2C3H	2.0/1.5	2900	75	45	39	30	18	5													
3 2DCAL3C3H	3.0/2.2	2900	75		55	49	43	34	20	12											
4 2DCAL5C4M	5.0/3.7	2900	100	96	89	81	73	61	52	39	24										
5 2DCAL5C3H	5.0/3.7	2900	75		58	57	56	55	54	47	40	32	22	16	7						
6 2DCAL75C4M	7.5/5.5	2900	100	128	127	126	119	111	102	92	83	74	60	30							
7 2DCAL75C3H	7.5/5.5	2900	75				102	96	90	84	78	72	63	54	39	33	24	12			
8 2DCAL10C4M	10.0/7.5	2900	100		132	131	126	121	117	107	99	90	77	66	48	30					
9 2DCAL10C3H	10.0/7.5	2900	75		103	101	99	96	92	88	86	84	79	75	70	66	63	60	54	48	45
10 2DCAL15C6M*	15.0/11.0	2900	150	190	182	174	166	158	150	141	131	126	110	98	84	70	56	42	28	14	
11 2DCAL15C4H*	15.0/11.0	2900	100				126	122	118	115	111	107	103	99	95	91	88	84	79	75	72
12 2DCAL15C3HH	15.0/11.0	2900	75							82	81	80	79	77	75	73	72	69	66	65	63
13 2DCAL25C6M*	25.0/18.5	2900	150	324	308	292	275	259	243	227	211	194	178	162	139	116	93	69	46	23	
14 2DCAL25C4H*	25.0/18.5	2900	100		162	158	153	149	145	141	136	132	128	124	119	115	111	107	102	98	94
15 4DCAL40C8L*	40.0/30.0	1450	200	810	740	670	600	530	460	390	292	195	97								
16 2DCAL50C8M*	50.0/37.5	2900	200		386	383	380	377	375	373	370	367	364	360	336	301	265	240	205	180	144
17 2DCAL50C4H*	50.0/37.5	2900	100			216	213	209	206	202	199	195	192	189	185	182	178	175	172	168	165
18 2DCAL50C3HH*	50.0/37.5	2900	75													135	134	133	132	131	130
19 4DC85C8L	85.0/63.0	1450	200			900	870	840	810	780	750	720	600	540	420	360	240				
20 2DCAL85C3M	85.0/63.0	2900	200								298	297	296	295	294	293	292	291	290	289	288
21 2DCAL85C6H*	85.0/63.0	2900	150																	216	212
																				205	202
																				198	194
																				184	180
																				176	173
																				166	162
																				158	155
																				148	144
																				120	96
																				78	72
																				0	

* Please note that the marked model is currently under development or being upgraded. Prior to selection, it is advised to reach out to the head office for further information.



DCAL Series

Performance Curves





Underground mine **DEWATERING**

Super high head dewatering pumps

Flow rate upto 550 m³/hr

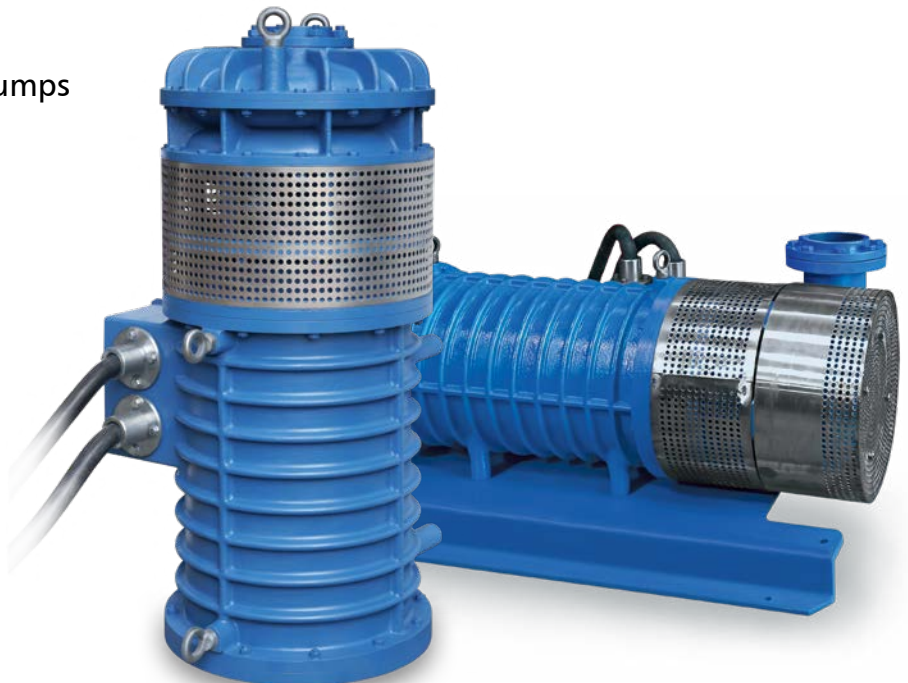
Maximum head upto 210 m

Available 90 kW / 120 hp

Available with various voltage
options for mining application

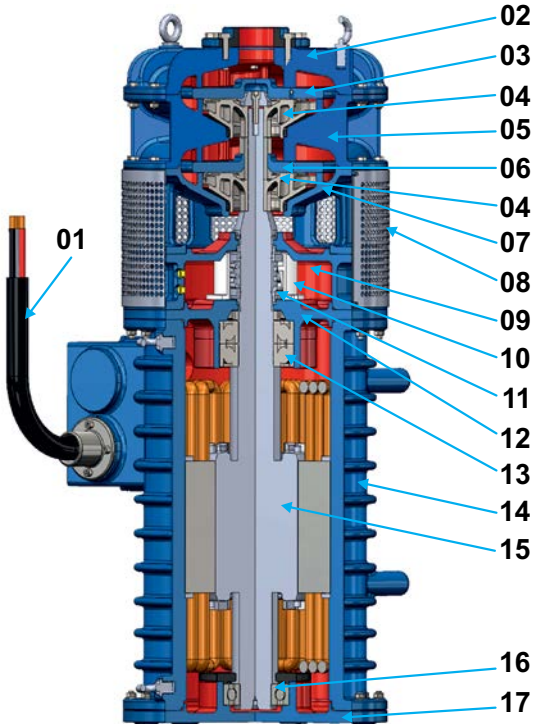
27% high chrome impellers

Offered with horizontal and
vertical installation kit



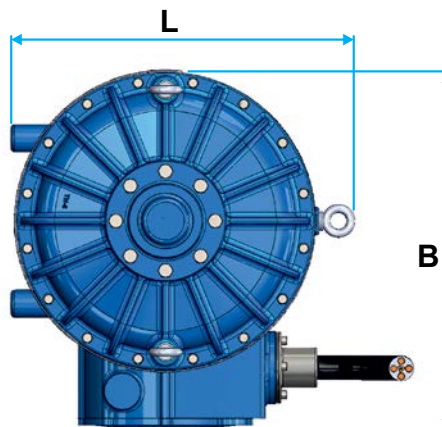
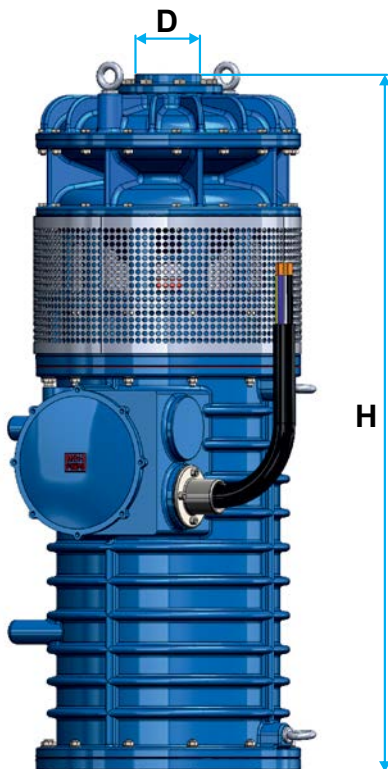
Tough Pumps HD Series Dewatering

Cross Section • HHDC120S4H



NO.	DESCRIPTION	MATERIAL
01	POWER / CONTROL CABLE	SCREENED CABLE
02	DISCHARGE OUT LET	C.I. IS-210, FG260
03	CLOSE GUIDE PLATE	C.I. IS-210, FG260
04	IMPELLER	S.S./ HI-CHROME
05	PUMP STAGE	C.I. IS-210, FG260
06	OPEN GUIDE PLATE	C.I. IS-210, FG260
07	INTERMEDIATE PIECE	C.I. IS-210, FG260
08	STRAINER	S.S.
09	OIL CHAMBER	C.I. IS-210, FG260
10	OIL LIFTER	3D PRINTING PLASTICS
11	MECHANICAL	SIC / SIC (BACK TO BACK)
12	BEARING HOUSING	C.I. IS-210, FG260
13	D.E. BEARING	GREASE LUB.
14	MOTOR BODY	C.I. IS-210, FG260
15	PUMP ROTOR SHAFT	S.S./ ALU. DIE CAST
16	N.D.E. BEARING	GREASE LUB.
17	LOWER BEARING HOUSING	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • HHDC120S4H

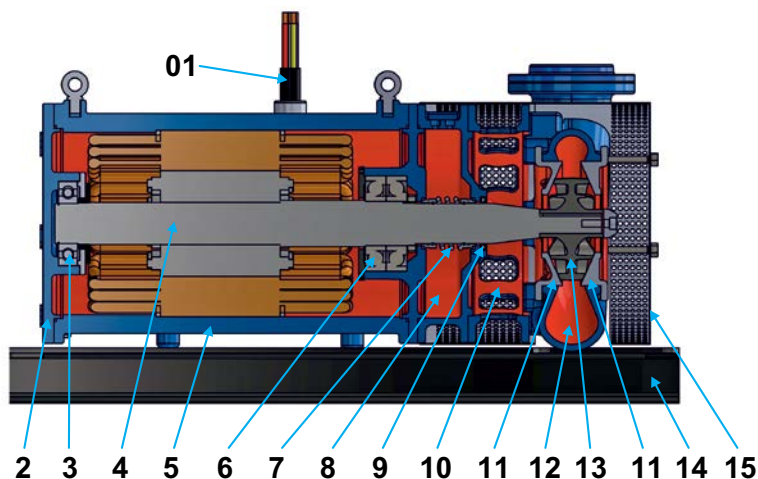


All Dimension are in mm

MODEL	HP	L	B	H	D	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
HHDC120S4H	120	625	650	1426	100	1100	31x32x65	1280

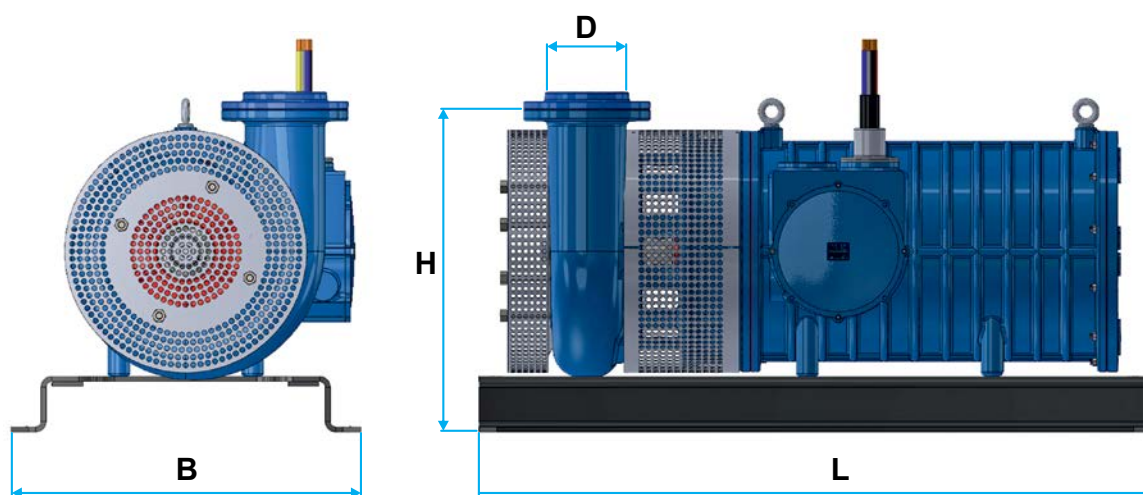
Tough Pumps HD Series Dewatering

Cross Section • HHDC120S6M



NO.	DESCRIPTION	MATERIAL
01	POWER / CONTROL CABLE	SCREENED CABLE
02	LOWER BRG. HOUSING	C.I. IS-210, FG260
03	N.D.E. BEARING	GREASE LUB.
04	ROTOR SHAFT	S.S. 410 / ALU. DIE CAST
05	MOTOR BODY	C.I. IS-210, FG260
06	D.E. BEARING	GREASE LUB.
07	MECH. SEAL	SIC / SIC (BACK TO BACK)
08	OIL CHAMBER	C.I. IS-210, FG260
09	OIL SEAL	STD. RUBBER
10	CONNECTING PICES	C.I. IS-210, FG260
11	SPIRAL PLATE	C.I. IS-210, FG260
12	VOLUTE CASING	C.I. IS-210, FG260
13	IMPELLER	S.S / HI-CHROME
14	BASE FRAME	M.S. FABRICATED
15	STRAINER	S.S.
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

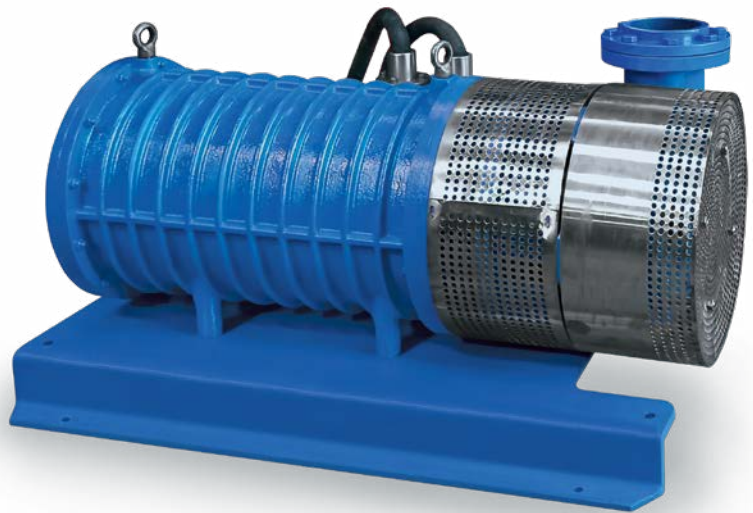
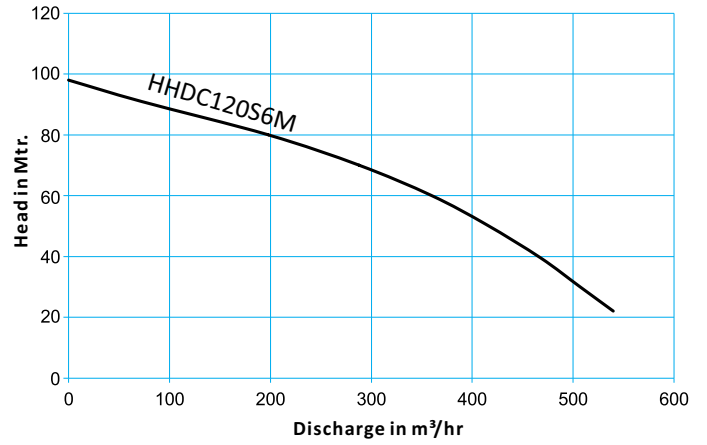
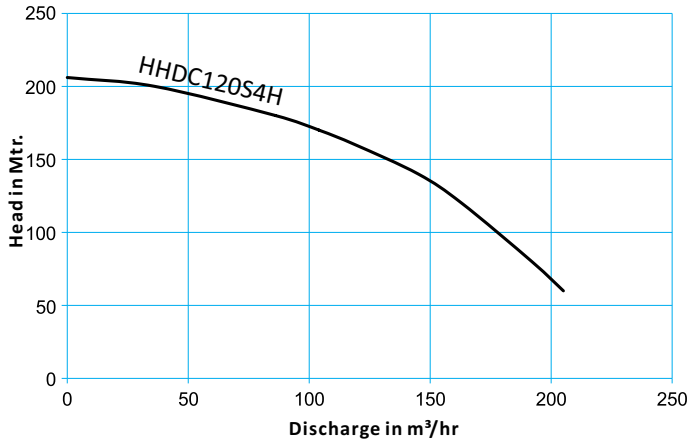
GA Drawing • HHDC120S6M



All Dimension are in mm

MODEL	HP	L	B	H	D	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
HHDC120S6M	120	1510	786	725	150	1210	66x38x37	1410

Performance Curves • 2900 RPM





One technology endless applications

Flow rate upto 150 m³/hr

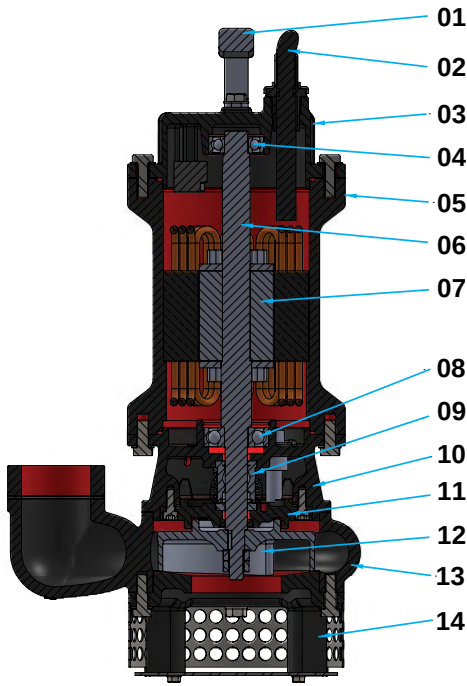
- Used for sewage as well as drainage
- 35 mm solids handling capacity
- Highly customisable in terms MOC and controls
- Light weight and anti corrosive option available



Portable Submersible Dewatering Pumps

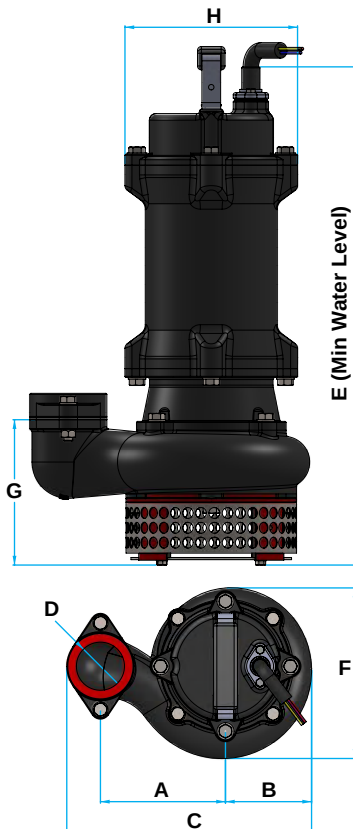
PST Series

Cross Section • Top Delivery



NO.	DESCRIPTION	MATERIAL
1	HANDLE	ALLOY STEEL
2	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
3	TOP COVER	C.I IS-210, FG260
4	BALL BEARING (N.D.E)	FAG. (GREASE LUB)
5	MOTOR BODY	C.I IS-210, FG260
6	ROTOR SHAFT	S.S-410
7	ROTOR COMPLETE	ALU. DYE CAST
8	BALL BEARING (D.E)	FAG. (GREASE LUB)
9	DUAL MECHANICAL SEAL	TC / TC
10	OIL CHAMBER	C.I IS-210, FG260
11	SEAL PLATE	C.I IS-210, FG260
12	IMPELLER	C.I. / S.S.
13	VOLUTE CASING	C.I IS-210, FG260
14	SPIRAL PLATE CUM STAND WITH STRAINER	C.I IS-210, FG260 / S.S.
#	FASTENER	S.S 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Top Delivery



All Dimension are in mm

MODEL	MIN. OPEN-ING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSF0.5L	544	130	79	244	50	475	178	115	157	70	90	110	24	12x9x21	30
PST0.5L	544	130	79	244	50	430	178	115	157	70	90	110	24	12x9x19	30
PSSF1L	544	130	79	244	50	509	178	115	157	70	90	110	28	12x9x22	34
PST1L	544	130	79	244	50	449	178	115	157	70	90	110	28	12x9x20	34
PSSF1.5L	606	150	104	306	50	471	209	134	157	104	120	126	30	14x10x21	36
PST1.5L	606	150	104	306	50	451	209	134	157	104	120	126	30	14x10x20	36
PSSF2.0L	606	150	104	306	75	527	209	134	182	104	120	126	36	14x10x23	42
PST2.0L	606	150	104	306	75	499	209	134	182	104	120	126	36	14x10x22	42
PST3.0L	606	150	104	306	75	536	209	134	190	104	120	126	48	14x10x23	54
PST5M	630	160	118	330	75	583	236	139	215	104	120	126	54	15x11x25	98
PST7.5M	736	210	141	436	100	657	270	184	241	170	140	170	86	22x16x33	137
PST7.5H	736	210	141	436	100	657	270	184	241	170	140	170	88	22x16x33	139
PST7.5HH	736	210	141	436	100	657	270	184	241	170	140	170	88	22x16x33	139
PST10M	736	210	141	436	100	657	270	184	241	170	140	170	95	22x16x33	148
PST10H	736	210	141	436	100	657	270	184	241	170	140	170	98	22x16x33	152
PST10HH	736	210	141	436	100	657	270	184	241	170	140	170	98	22x16x33	152

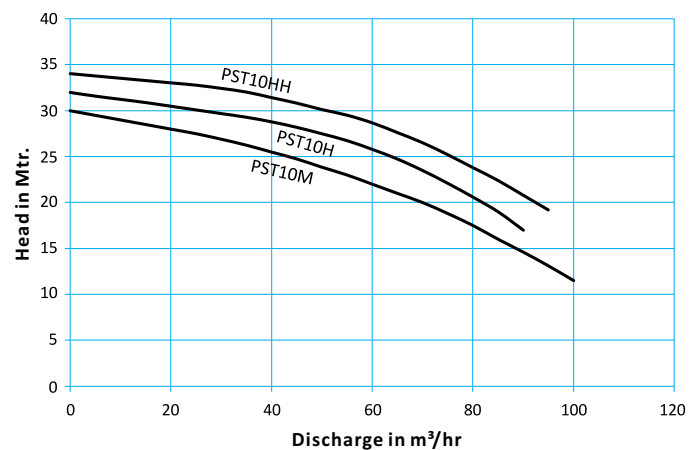
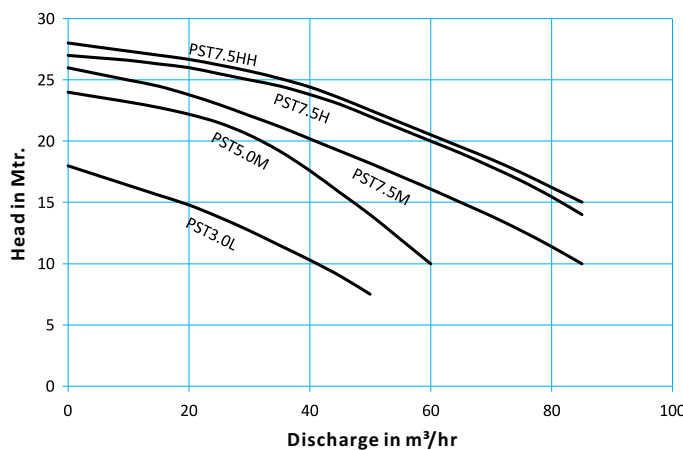
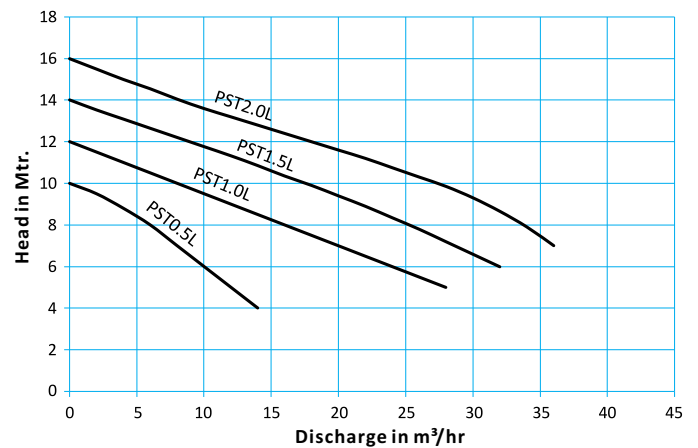
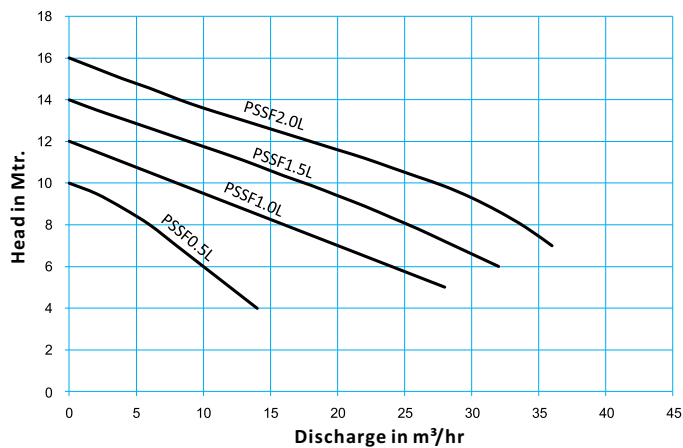
Portable Submersible Dewatering Pumps

PST Series with CI Construction

Performance Chart • 2900 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																											
						4	5	6	7	8	10	12	14	16	17	18	20	21	22	24	26	27	28	30	32								
1	PSSF0.5L	0.5/0.37	1	50	DISCHARGE IN m ³ /hr	14	13	11	9	7																							
2	PSSF1.0L	1.0/0.75	1	50			28	24	20	17	5																						
3	PSSF1.5L	1.5/1.1	1	50				32	29	24	18	5																					
4	PSSF2.0L	2.0/1.5	1	75					36	34	28	18	8																				
5	PST0.5L	0.5/0.37	3	50		14	13	11	9	7																							
6	PST1.0L	1.0/0.75	3	50			28	24	20	17	5																						
7	PST1.5L	1.5/1.1	3	50				32	29	24	18	5																					
8	PST2.0L	2.0/1.5	3	75					36	34	28	18	8																				
9	PST3.0L	3.0/2.2	3	75						48	42	35	27	18	6																		
10	PST5.0M	5.0/3.7	3	75							61	58	51	46	42	39	33	29	24														
11	PST7.5M	7.5/5.5	3	100							83	77	71	63	54	51	39	33	27	18													
12	PST7.5H	7.5/5.5	3	100									84	79	72	69	59	57	54	47	30												
13	PST7.5HH	7.5/5.5	3	100											78	72	63	54	50	46	32	12											
14	PST10M	10.0/7.5	3	100								98	93	88	84	80	75	72	60	49	39	30	24										
15	PST10H	10.0/7.5	3	100											90	87	82	80	77	70	60	54	51	42									
16	PST10HH	10.0/7.5	3	100													93	90	84	78	72	69	63	53	39								

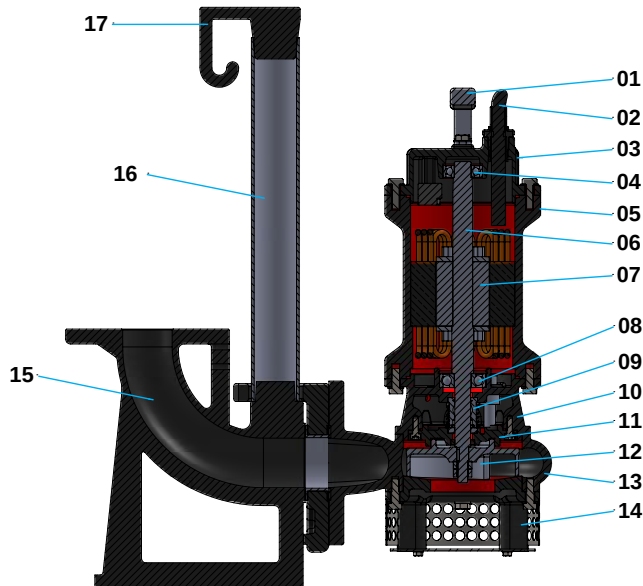
Performance Curves • 2900 RPM



Portable Submersible Dewatering Pumps

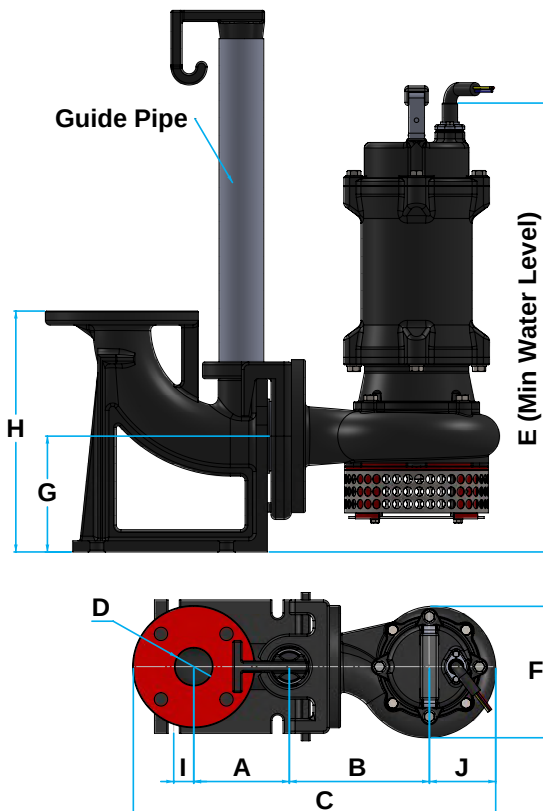
PSTSD Series

Cross Section • Auto Coupling



NO.	DESCRIPTION	MATERIAL
1	LIFTING HANDLE	ALLOY STEEL
2	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
3	TOP COVER	C.I IS-210, FG260
4	BALL BEARING (N.D.E)	FAG. (GREASE LUB)
5	MOTOR BODY	C.I IS-210, FG260
6	ROTOR SHAFT	S.S 410
7	ROTOR COMPLETE	ALU. DYE-CAST
8	BALL BEARING (D.E)	FAG. (GREASE LUB)
9	DUAL MECHANICAL SEAL	TC/TC
10	OIL CHAMBER	C.I IS-210, FG260
11	SEAL PLATE	C.I IS-210, FG260
12	IMPELLER	C.I. / S.S.
13	VOLUTE CASING	C.I IS-210, FG260
14	SPIRAL PLATE CUM STAND WITH STRAINER	C.I IS-210, FG260 / S.S.
15	AUTO COUPLING	C.I IS-210, FG260
16	GUIDE PIPE	MBH STD.
17	GUIDE PIPE HOLDER	C.I IS-210
#	FASTENER	S.S 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Auto Coupling

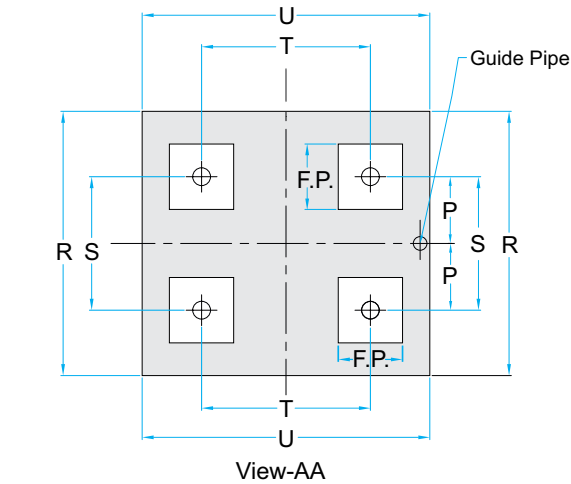


All Dimension are in mm

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.
PST0.5L-SD	789	129	189	489	50	460	178	120	256	56	90	24	12x9x19	29
PST1.0L-SD	789	129	189	489	50	479	178	120	256	56	90	28	12x9x20	34
PST1.5L-SD	853	143	206	553	50	519	209	161	323	92	104	30	14x10x20	36
PST2.0L-SD	853	143	206	553	75	567	209	161	323	92	104	36	14x10x22	42
PST3.0L-SD	853	143	206	553	75	604	209	161	323	92	104	48	14x10x23	54
PST5.0M-SD	883	143	206	583	75	651	236	161	323	92	115	54	15x11x25	97
PST7.5M-SD	938	156	231	638	100	678	270	150	325	84	141	86	22x16x33	131
PST7.5H-SD	938	156	231	638	100	678	270	150	325	84	141	88	22x16x33	133
PST7.5HH-SD	938	156	231	638	100	678	270	150	325	84	141	88	22x16x33	133
PST10M-SD	938	156	231	638	100	678	270	150	325	84	141	95	22x16x33	143
PST10H-SD	938	156	231	638	100	678	270	150	325	84	141	98	22x16x33	146
PST10HH-SD	938	156	231	638	100	678	270	150	325	84	141	98	22x16x33	146

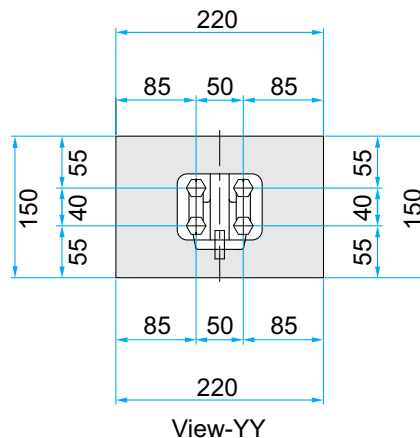
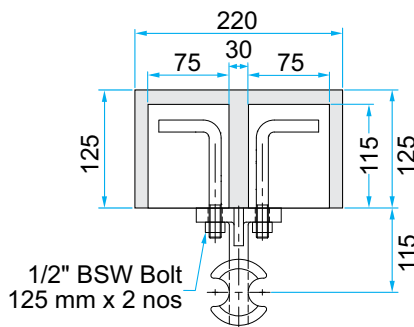
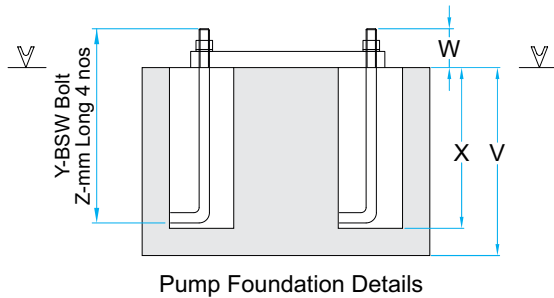
PSTSD Series

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

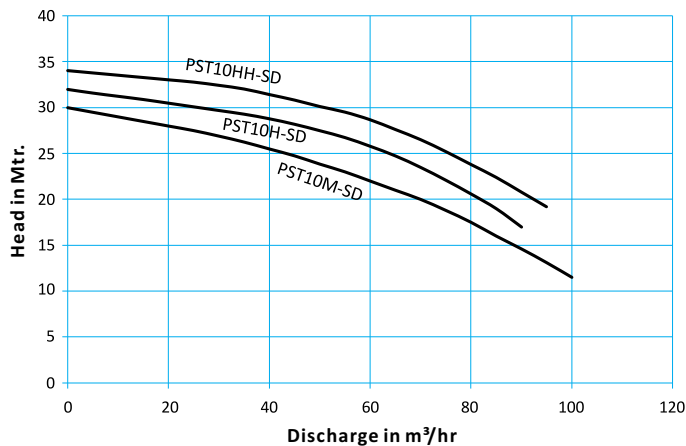
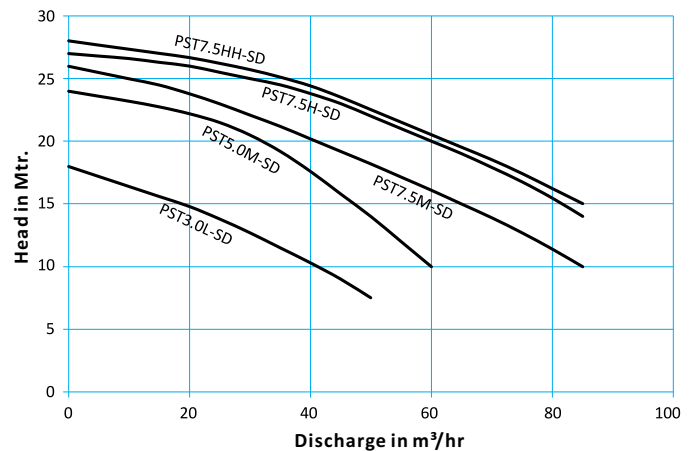
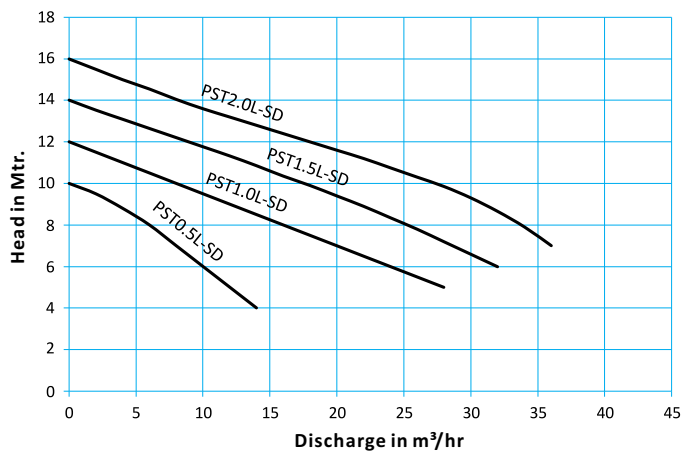
Portable Submersible Dewatering Pumps

PSTSD Series with Auto Coupling

Performance Chart • 2900 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																												
						4	5	6	7	8	10	12	14	16	17	18	20	21	22	24	26	27	28	30	32									
1	PST0.5L-SD	0.5/0.37	3	50	DISCHARGE IN m ³ /hr	14	13	11	9	7																								
2	PST1.0L-SD	1.0/0.75	3	50			28	24	20	17	5																							
3	PST1.5L-SD	1.5/1.1	3	50				32	29	24	18	5																						
4	PST2.0L-SD	2.0/1.5	3	75					36	34	28	18	8																					
5	PST3.0L-SD	3.0/2.2	3	75						48	42	35	27	18	6																			
6	PST5.0M-SD	5.0/3.7	3	75							61	58	51	46	42	39	33	29	24															
7	PST7.5M-SD	7.5/5.5	3	100							83	77	71	63	54	51	39	33	27	18														
8	PST7.5H-SD	7.5/5.5	3	100									84	79	72	69	59	57	54	47	30													
9	PST7.5HH-SD	7.5/5.5	3	100											78	72	63	54	50	46	32	12												
10	PST10M-SD	10.0/7.5	3	100								98	93	88	84	80	75	72	60	49	39	30	24											
11	PST10H-SD	10.0/7.5	3	100											90	87	82	80	77	70	60	54	51	42										
12	PST10HH-SD	10.0/7.5	3	100													93	90	84	78	72	69	63	53	39									

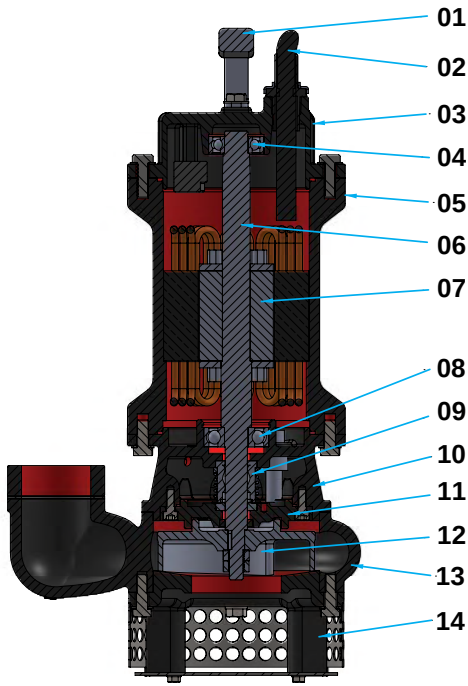
Performance Curves • 2900 RPM



Portable Submersible Dewatering Pumps

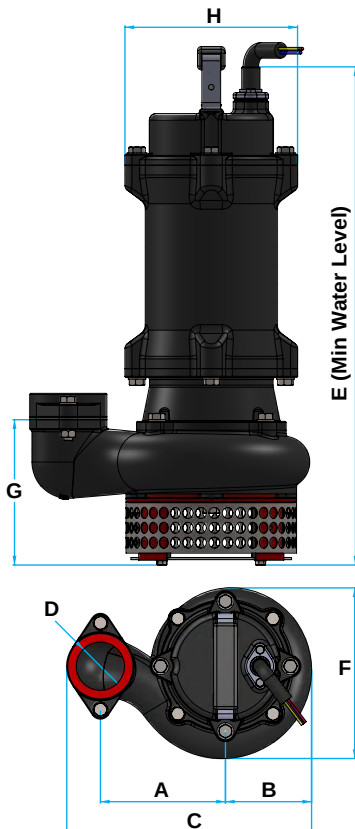
PSTAL Series

Cross Section • Top Delivery



NO.	DESCRIPTION	MATERIAL
1	HANDLE	ALLOY STEEL
2	POWER AND CONTROL CABLE	PVC.INSU. SHEATHED
3	TOP COVER	ALUMINIUM
4	BALL BEARING (N.D.E)	FAG. (GREASE LUB)
5	MOTOR BODY	ALUMINIUM
6	ROTOR SHAFT	S.S-410
7	ROTOR COMPLETE	ALU. DYE CAST
8	BALL BEARING (D.E)	FAG. (GREASE LUB)
9	DUAL MECHANICAL SEAL	TC / TC
10	OIL CHAMBER	ALUMINIUM
11	SEAL PLATE	ALUMINIUM
12	IMPELLER	C.I. / S.S.
13	VOLUTE CASING	ALUMINIUM
14	SPIRAL PLATE CUM STAND WITH STRAINER	C.I IS-210, FG260 / S.S.
#	FASTENER	S.S 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • Top Delivery



All Dimension are in mm

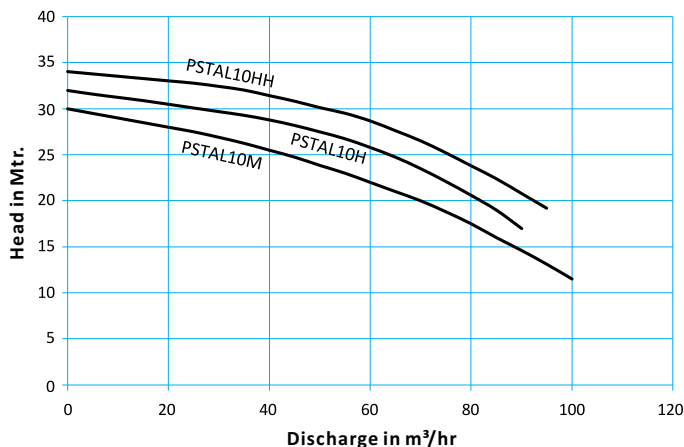
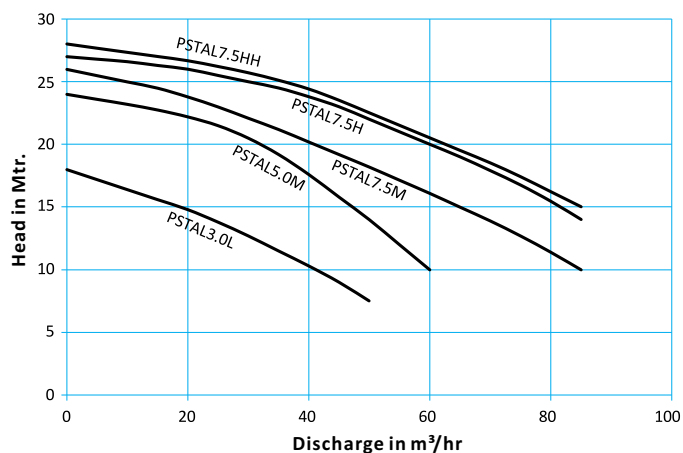
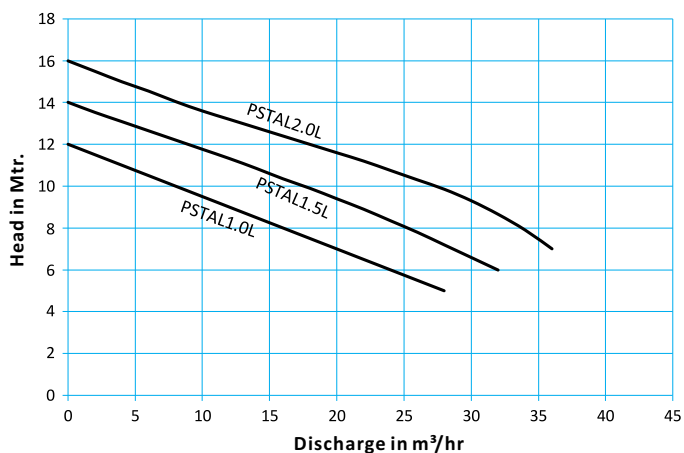
MODEL	MIN. OPE- NING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTAL1.0L	544	130	79	244	50	449	178	115	157	70	90	110	16	12x9x20	20
PSTAL1.5L	606	150	104	306	50	451	209	134	157	104	120	126	16	14x10x20	20
PSTAL2.0L	606	150	104	306	75	499	209	134	182	104	120	126	18	14x10x22	22
PSTAL3.0L	606	150	104	306	75	536	209	134	190	104	120	126	22	14x10x23	27
PSTAL5.0M	630	160	118	330	75	583	236	139	215	104	120	126	30	15x11x25	35
PSTAL7.5M	736	210	141	436	100	657	270	184	241	170	140	170	43	22x16x33	94
PSTAL7.5H	736	210	141	436	100	657	270	184	241	170	140	170	43	22x16x33	94
PSTAL7.5HH	736	210	141	436	100	657	270	184	241	170	140	170	43	22x16x33	94
PSTAL10M	736	210	141	436	100	657	270	184	241	170	140	170	50	22x16x33	104
PSTAL10H	736	210	141	436	100	657	270	184	241	170	140	170	50	22x16x33	104
PSTAL10HH	736	210	141	436	100	657	270	184	241	170	140	170	50	22x16x33	104

PSTAL Series with Aluminium Construction

Performance Chart • 2900 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																									
						4	5	6	7	8	10	12	14	16	17	18	20	21	22	24	26	27	28	30	32						
1	PSTAL1.0L	1.0/0.75	3	50	DISCHARGE IN m ³ /hr		28	24	20	17	5																				
2	PSTAL1.5L	1.5/1.1	3	50				32	29	24	18	5																			
3	PSTAL2.0L	2.0/1.5	3	75					36	34	28	18	8																		
4	PSTAL3.0L	3.0/2.2	3	75						48	42	35	27	18	6																
5	PSTAL5.0M	5.0/3.7	3	75							61	58	51	46	42	39	33	29	24												
6	PSTAL7.5M	7.5/5.5	3	100							83	77	71	63	54	51	39	33	27	18											
7	PSTAL7.5H	7.5/5.5	3	100									84	79	72	69	59	57	54	47	30										
8	PSTAL7.5HH	7.5/5.5	3	100											78	72	63	54	50	46	32	12									
9	PSTAL10M	10.0/7.5	3	100								98	93	88	84	80	75	72	60	49	39	30	24								
10	PSTAL10H	10.0/7.5	3	100											90	87	82	80	77	70	60	54	51	42							
11	PSTAL10HH	10.0/7.5	3	100														93	90	84	78	72	69	63	53	39					

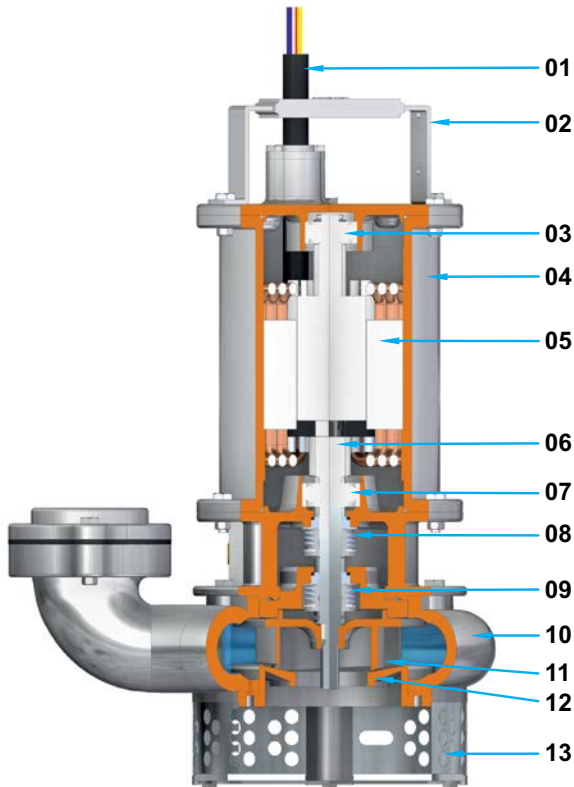
Performance Curves • 2900 RPM



Portable Submersible Dewatering Pumps

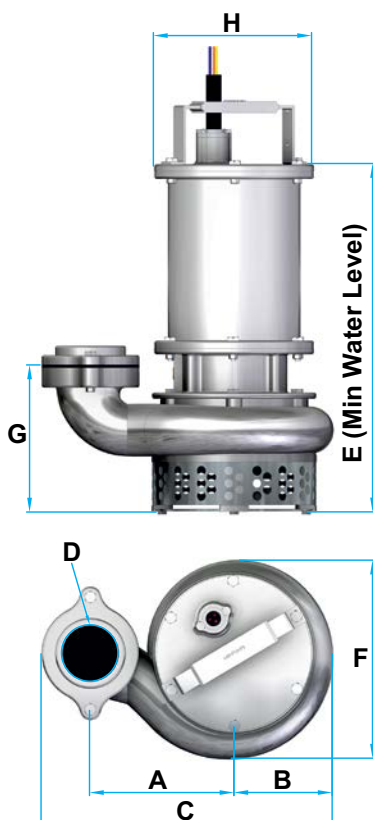
SSPST Series

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. OPE-NING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH	TOTAL WEIGHT in Kg.
SSPST1.0L	544	130	79	244	50	449	178	115	157	70	90	110	28	12x9x20	34
SSPST1.5L	606	150	104	306	50	451	209	134	157	104	120	126	30	14x10x20	36
SSPST2.0L	606	150	104	306	75	499	209	134	182	104	120	126	36	14x10x22	42
SSPST3.0L	606	150	104	306	75	536	209	134	190	104	120	126	48	14x10x23	54
SSPST5.0M	630	160	118	330	75	583	236	139	215	104	120	126	54	15x11x25	98
SSPST7.5M	736	210	141	436	100	657	270	184	241	170	140	170	86	22x16x33	137
SSPST10M	736	210	141	436	100	657	270	184	241	170	140	170	95	22x16x33	149

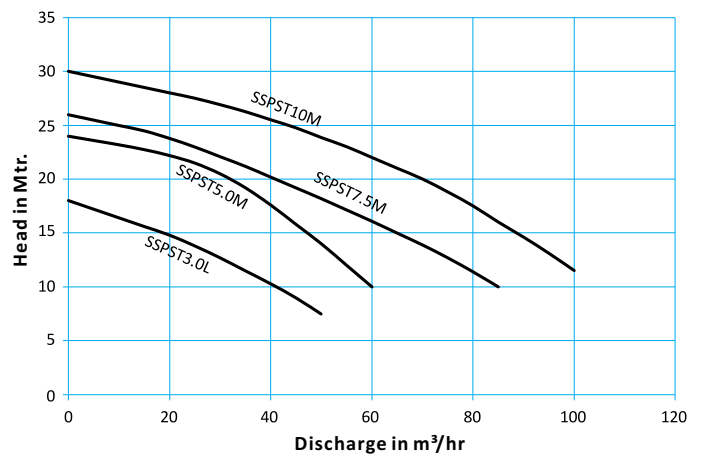
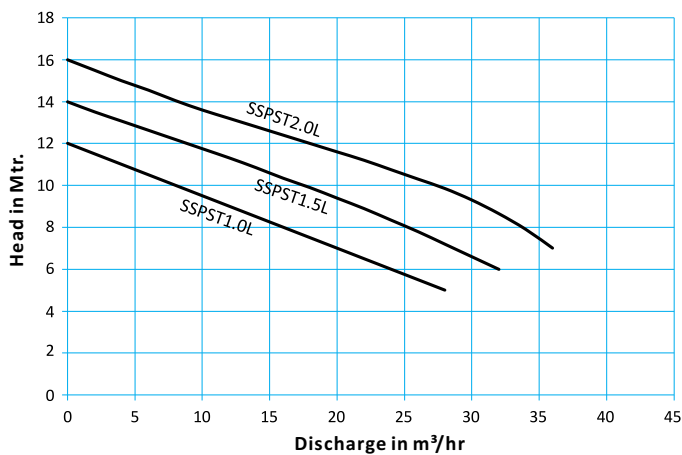
Portable Submersible Dewatering Pumps

SSPST Series with SS 304 & SS 316 Construction

Performance Chart • 2900 RPM

No.	Model	HP/KW	Phase	Del. Size in mm		HEAD IN METERS																						
						4	5	6	7	8	10	12	14	16	17	18	20	21	22	24	26	27	28	30	32			
1	SSPST1.0L	1.0/0.75	3	50	DISCHARGE IN m³/hr		28	24	20	17	5																	
2	SSPST1.5L	1.5/1.1	3	50				32	29	24	18	5																
3	SSPST2.0L	2.0/1.5	3	75					36	34	28	18	8															
4	SSPST3.0L	3.0/2.2	3	75						48	42	35	27	18	6													
5	SSPST5.0M	5.0/3.7	3	75							61	58	51	46	42	39	33	29	24									
6	SSPST7.5M	7.5/5.5	3	100							83	77	71	63	54	51	39	33	27	18								
7	SSPST10M	10.0/7.5	3	100								98	93	88	84	80	75	72	60	49	39	30	24					

Performance Curves • 2900 RPM





We move SOLIDS

MBH makes Submersible wastewater pumps operate directly in the liquid being pumped, which means they require neither special housing nor a superstructure to support them, considerably reducing construction costs.

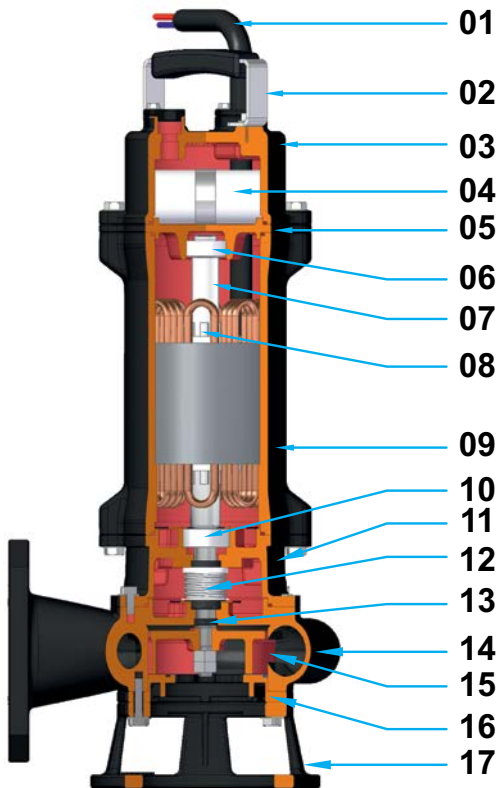
Flow rate upto 150 m³/hr
Maximum head 40 m
Motor upto 11 kW
Solid handling size upto 75 mm
Available with auto coupling guide rail system



Submersible Cutter Pumps

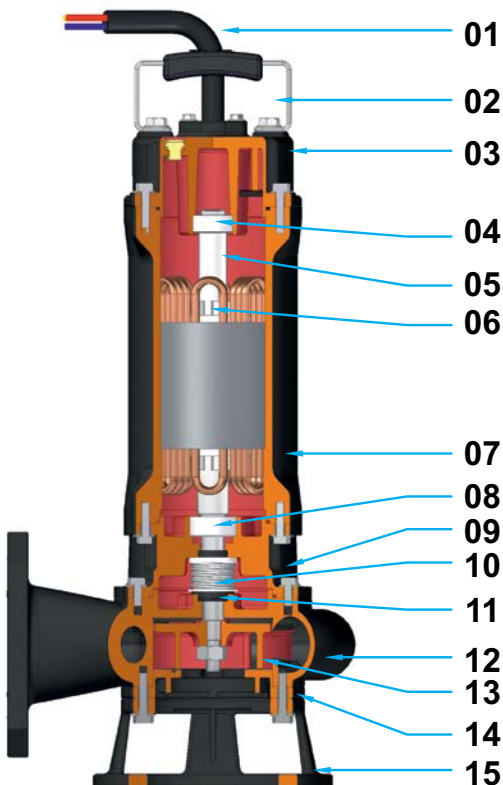
PSC Series

Cross Section • Single Phase

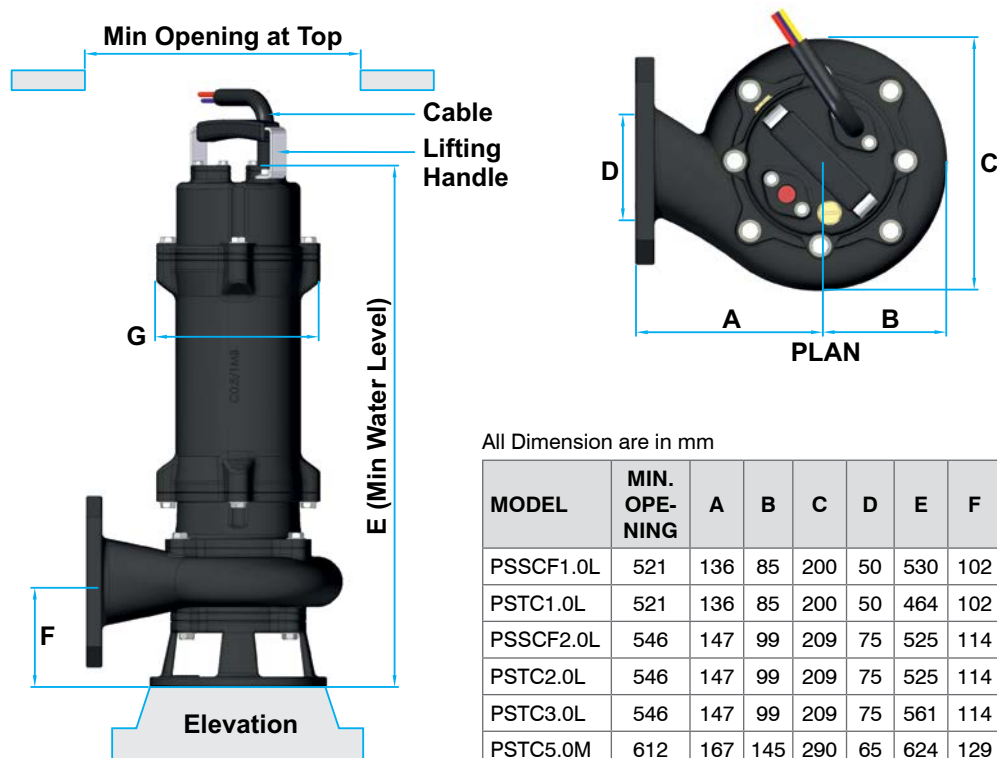


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	CAPACITOR	REPUTED MAKE
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S. 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
10	BEARING	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		



All Dimension are in mm

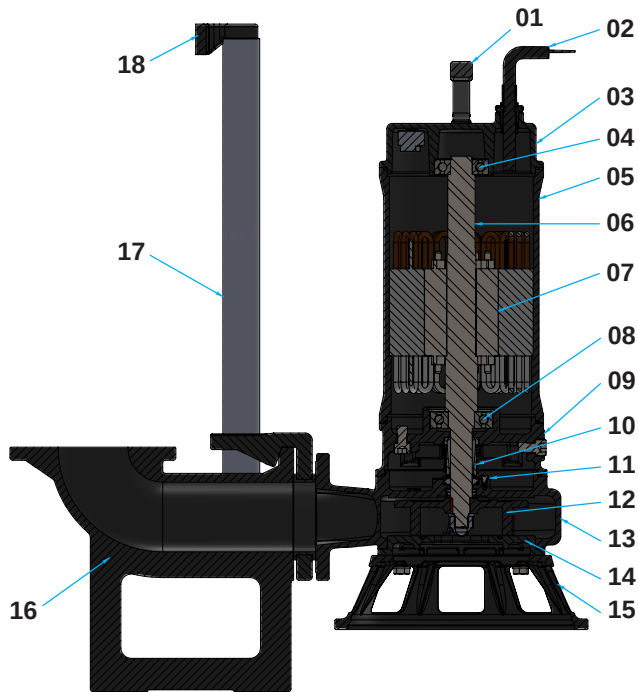
MODEL	MIN. OPE-NING	A	B	C	D	E	F	G	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSCF1.0L	521	136	85	200	50	530	102	157	25	11x10x23	31
PSTC1.0L	521	136	85	200	50	464	102	157	25	11x10x20	31
PSSCF2.0L	546	147	99	209	75	525	114	182	33	12x10x23	39
PSTC2.0L	546	147	99	209	75	525	114	182	33	12x10x23	39
PSTC3.0L	546	147	99	209	75	561	114	190	40	12x10x24	46
PSTC5.0M	612	167	145	290	65	624	129	215	57	12x13x27	97



Submersible Cutter Pumps

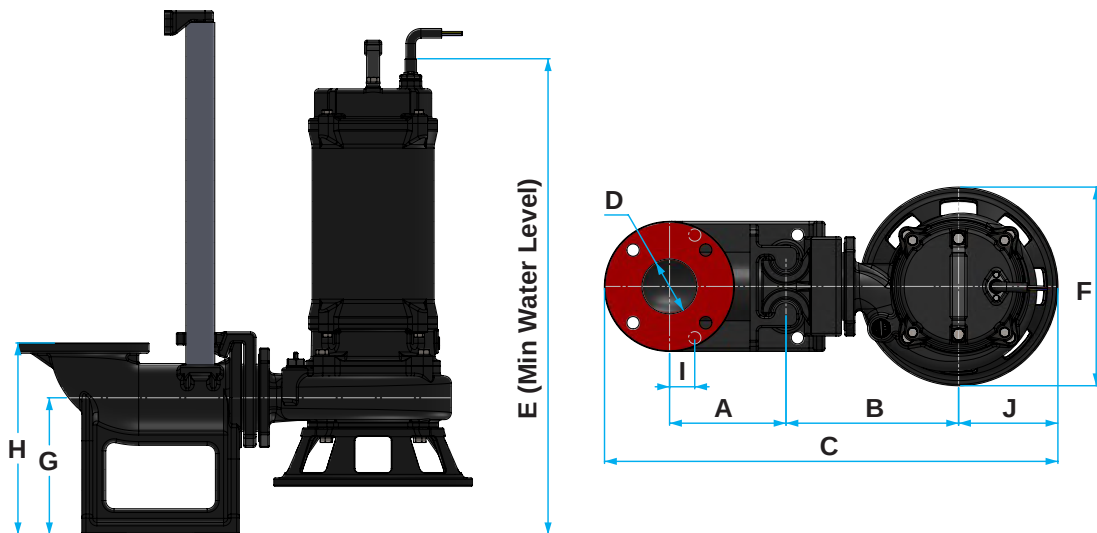
PSC Series with Auto Coupling

Cross Section



NO.	DESCRIPTION	MATERIAL
1	HANDLE	S.S.
2	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
3	TOP COVER	C.I. IS-210, FG260
4	BALL BEARING (N.D.E.)	FAG. (GREASE LUB)
5	MOTOR BODY	C.I. IS-210, FG260
6	ROTOR SHAFT	S.S.-410
7	ROTOR COMPLETE	ALU-DYE CAST
8	BALL BEARING (D.E.)	FAG.(GREASE LUB)
9	OIL CHAMBER	C.I. IS-210, FG260
10	DUAL MECHANICAL SEAL	TC / TC
11	SEAL PACKING PLATE	S.S
12	IMPELLER	C.I. IS-210, FG260
13	VOLUTE CASING	C.I. IS-210, FG260
14	SPIRAL PLATE	C.I. IS-210, FG260
15	BOTTOM STAND	C.I. IS-210, FG260
16	AUTO COUPLING	C.I. IS-210, FG260
17	GUIDE PIPE	MBH STD.
18	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	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	G	H	I	J	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTC1.0L	841	147	225	541	50	526	194	165	230	46	100	25	11x10x20	31
PSTC2.0L	898	170	232	598	80	611	203	200	280	37	101	33	12x10x23	39
PSTC3.0L	898	170	232	598	80	647	203	200	280	37	101	40	12x10x24	46
PSTC5.0M	962	170	252	662	80	695	290	200	280	37	145	57	12x13x27	97

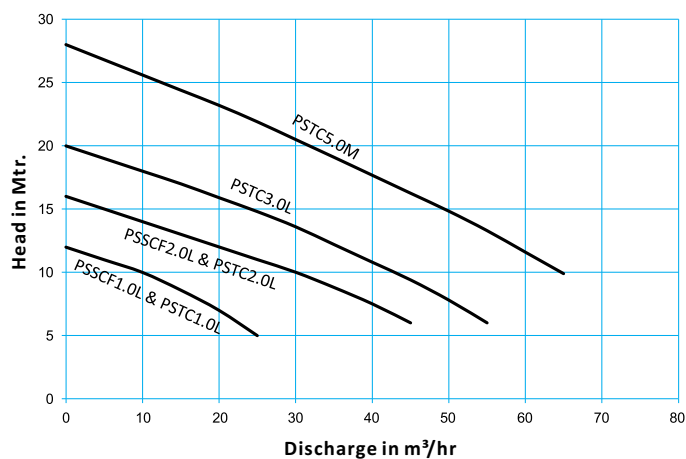
Submersible Cutter Pumps

PSC Series

Performance Chart • 2900 RPM (CI Impeller with Tungsten Tip)

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS									
						6	8	10	12	14	16	18	20	22	24
1	PSSCF1.0L	1.0 / 0.75	1	50	DISCHARGE IN m³/hr	24	17	10							
2	PSTC1.0L	1.0 / 0.75	3	50		24	17	10							
3	PSSCF2.0L	2.0 / 1.5	1	80		45	38	29	20	11					
4	PSTC2.0L	2.0 / 1.5	3	80		45	38	29	20	11					
5	PSTC3.0L	3.0 / 2.2	3	80		54	51	43	38	28	21	12			
6	PSTC5.0M	5.0 / 3.7	3	80				67	61	55	50	43	37	28	17

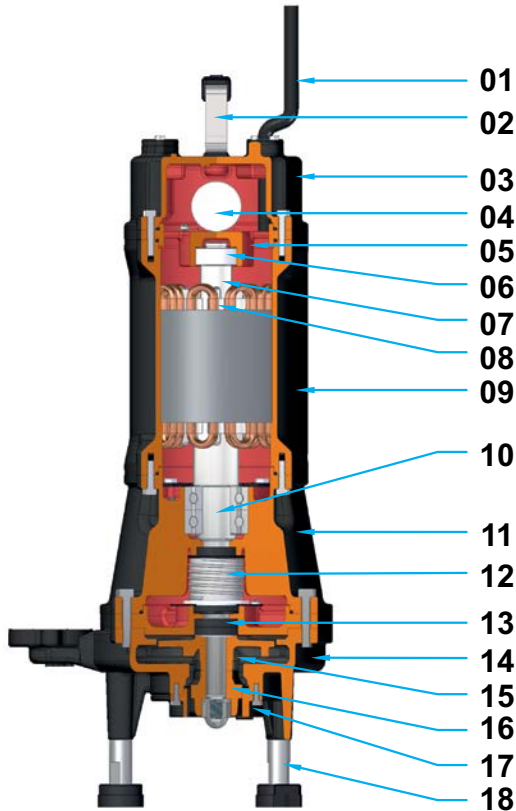
Performance Curves • 2900 RPM



Submersible Grinder Pumps

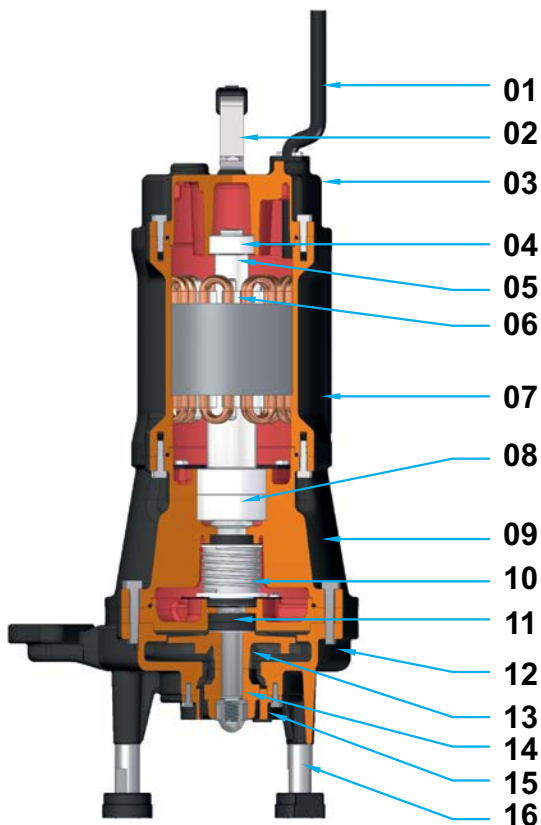
PSGF Series

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

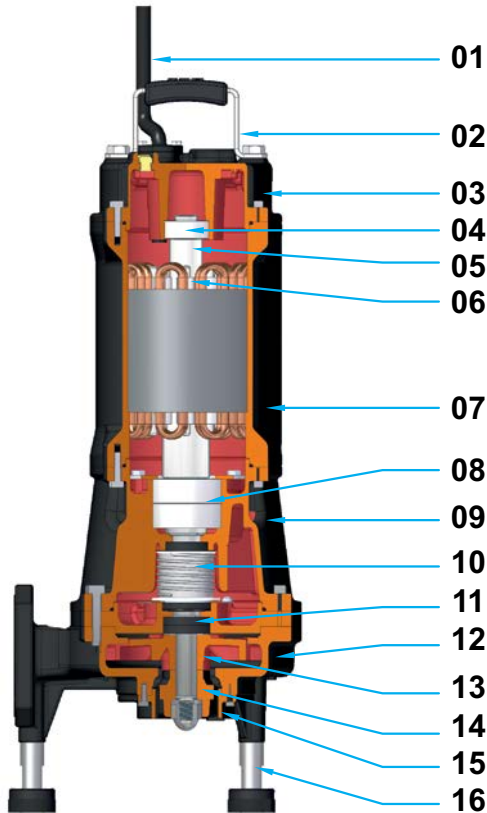


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S-304
03	TOP COVER	CI IS-210, FG260
04	BEARING (6203)	FAG. (GREASE LUB.)
05	ROTOR SHAFT	S.S 410
06	ROTOR	ALU. DYE-CAST
07	MOTOR BODY	CI IS-210, FG260
08	BEARING (6303)	FAG. (GREASE LUB.)
09	OIL CHAMBER	CI IS-210, 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		

Submersible Grinder Pumps

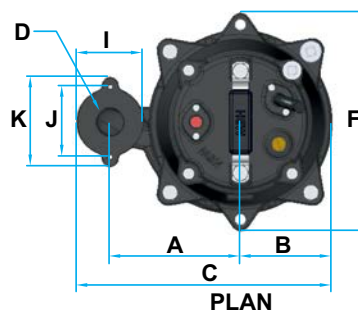
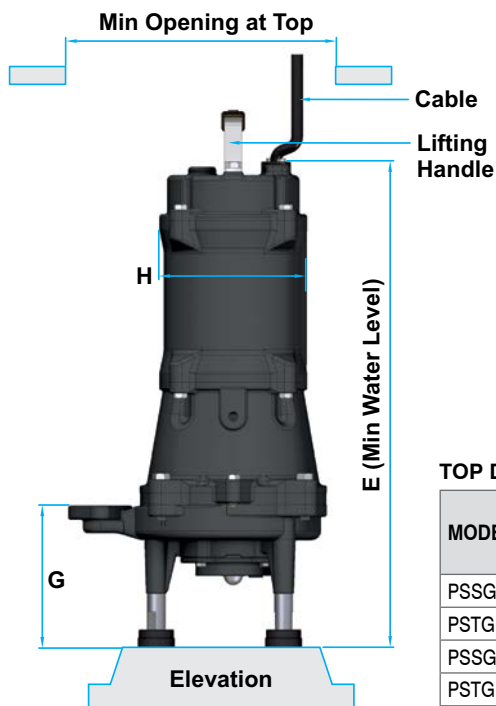
PSGF Series

Cross Section • 3-5 HP 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		

GA Drawing • 1-2 HP



TOP DELIVERY

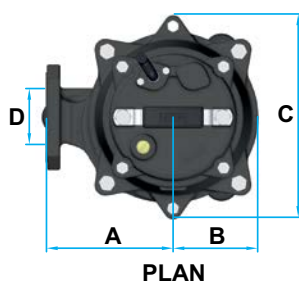
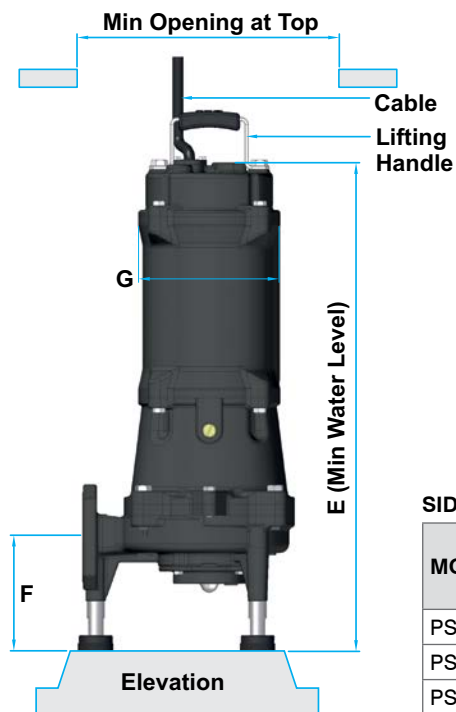
All Dimension are in mm

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	585	182	103	285	32	614	245	128	182	70	79	100	47	13x12x26	53
PSTGF1.5H	585	182	103	285	32	614	245	159	182	70	79	100	47	13x12x26	53
PSSGFF2.0H	585	182	103	285	32	614	245	159	182	70	79	100	49	13x12x26	55
PSTGF2.0H	585	182	103	285	32	614	245	159	182	70	79	100	49	13x12x26	55

Submersible Grinder Pumps

PSGF Series

GA Drawing • 3-5 HP



SIDE DELIVERY

All Dimension are in mm

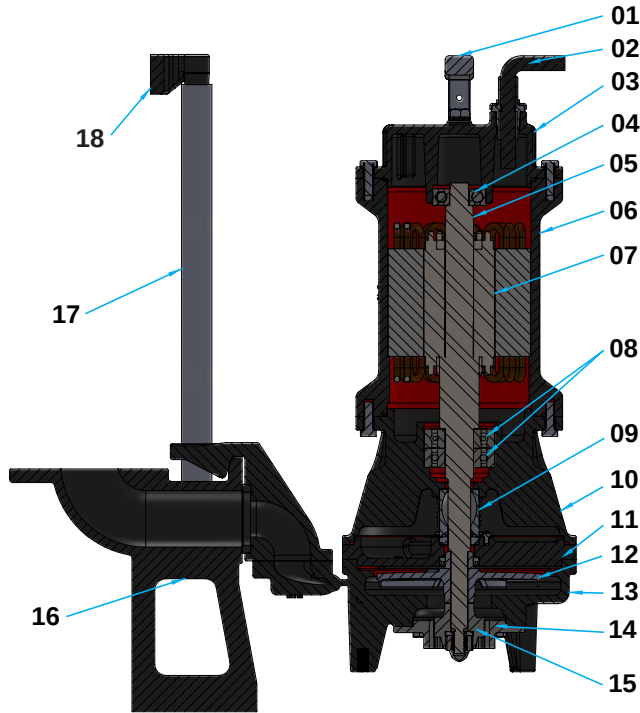
MODEL	MIN. OPENING	A	B	C	D	E	F	G	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTGF3.0M	549	151	98	235	38	638	134	190	47	12x11x27	53
PSTGF3.0H	549	151	98	235	38	638	134	190	47	12x11x27	53
PSTGF5.0H	573.5	163	110.5	260	38	682.5	134	215	58	13x12x29	64



Submersible Grinder Pumps

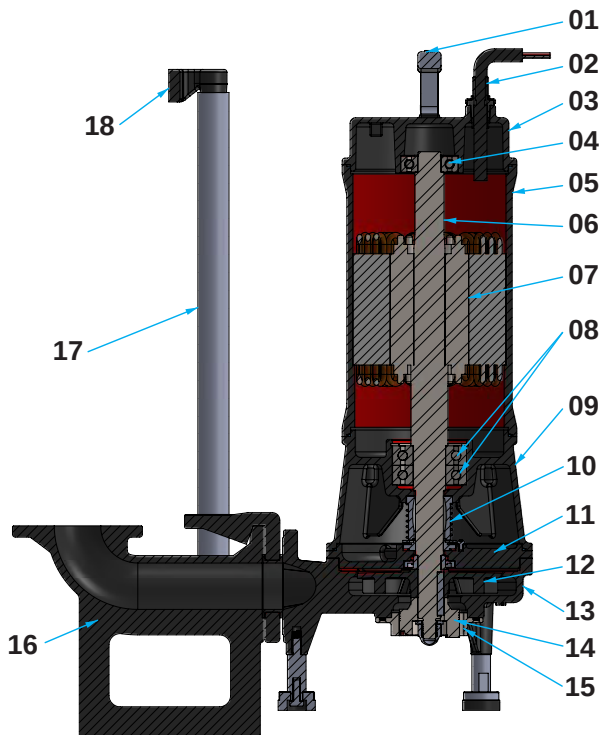
PSGF Series with Auto Coupling

Cross Section • 1.5-2 HP



NO.	DESCRIPTION	MATERIAL
1	HANDLE	S.S.
2	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
3	TOP COVER	C.I. IS-210, FG260
4	BALL BEARING (N.D.E.)	FAG. (GREASE LUB)
5	ROTOR SHAFT	S.S. 410
6	MOTOR BODY	C.I. IS-210, FG260
7	ROTOR COMPLETE	ALU DIA CAST
8	BALL BEARING (D.E.)	FAG. (GREASE LUB)
9	DUAL MECHANICAL SEAL	TC / TC
10	OIL CHAMBER	C.I. IS-210, FG260
11	SEAL PLATE	C.I. IS-210, FG260
12	IMPELLER	C.I. IS-210, FG260
13	VOLUTE CASING	C.I. IS-210, FG260
14	RADIAL CUTTER	SUS440C
15	CUTTER RING	SUS440C
16	AUTO COUPLING	C.I. IS-210, FG260
17	GUIDE PIPE	MBH STD.
18	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • 3-5 HP

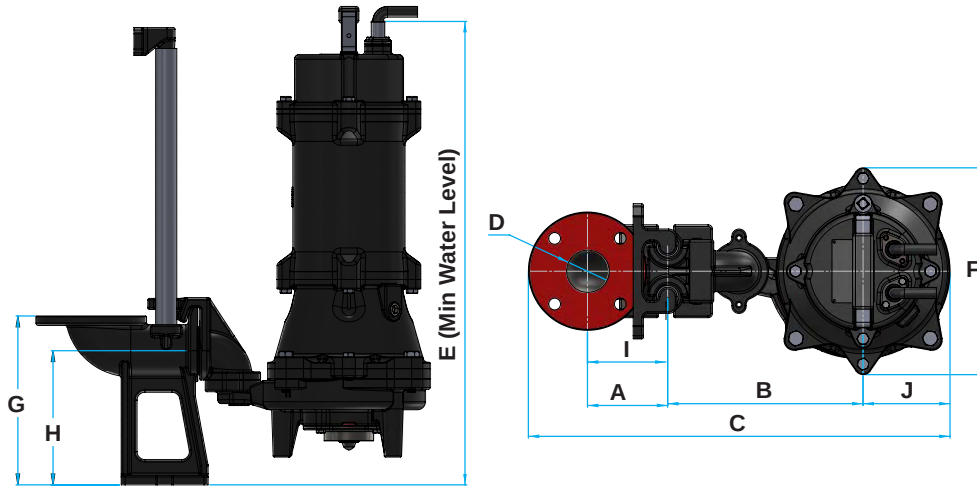


NO.	DESCRIPTION	MATERIAL
1	LIFTING HANDLE	S.S.
2	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
3	TOP COVER	C.I. IS-210, FG260
4	BALL BEARING (N.D.E.)	FAG. (GREASE LUB)
5	MOTOR BODY	C.I. IS-210, FG260
6	ROTOR SHAFT	S.S-410
7	ROTOR	ALU DIA CAST
8	BALL BEARING (D.E.)	FAG. (GREASE LUB)
9	OIL CHAMBER	C.I. IS-210, FG260
10	DUAL MECHANICAL SEAL	TC / TC
11	SEAL PLATE	C.I. IS-210, FG260
12	IMPELLER	C.I. IS-210, FG260
13	VOLUTE CASING	C.I. IS-210, FG260
14	RADIAL CUTTER	SUS440C
15	CUTTER RING	SUS440C
16	AUTO COUPLING	C.I. IS-210, FG260
17	GUIDE PIPE	MBH STD.
18	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Submersible Grinder Pumps

PSGF Series with Auto Coupling

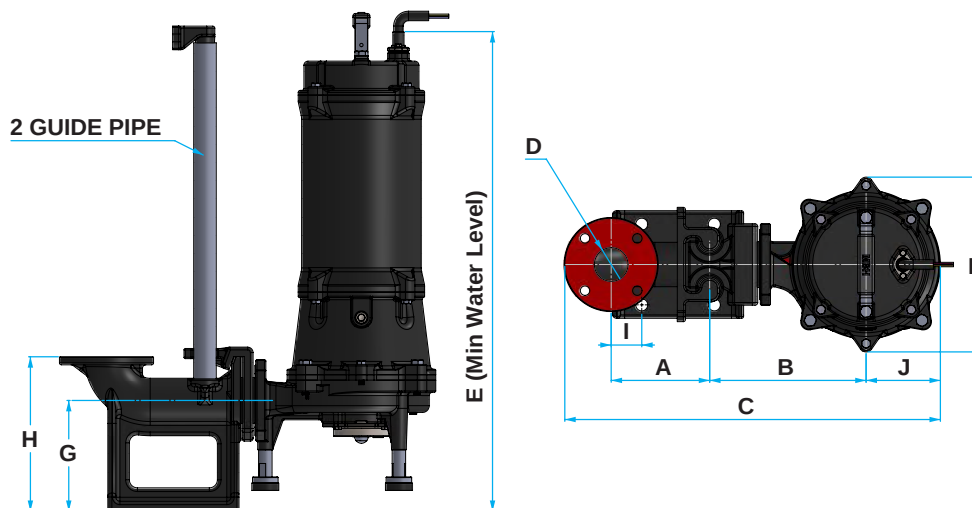
GA Drawing • 1.5-2 HP



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.
PSSGFF1.5H	800	95	232	500	32	588	245	170	214	93	103	47	13x12x26	53
PSTGF1.5H	800	95	232	500	32	560	245	170	214	93	103	47	13x12x26	53
PSSGFF2.0H	800	95	232	500	32	588	245	170	214	93	103	49	13x12x26	55
PSTGF2.0H	800	95	232	500	32	560	245	170	214	93	103	49	13x12x26	55

GA Drawing • 3-5 HP



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.
PSTGF3.0M	836	146.5	225	536	50	671	235	165	230	45.5	100	47	12x11x27	53
PSTGF3.0H	836	146.5	225	536	50	671	235	165	230	45.5	100	47	12x11x27	53
PSTGF5.0H	860	146.5	225	560	50	715	260	165	230	45.5	100	58	13x12x29	64

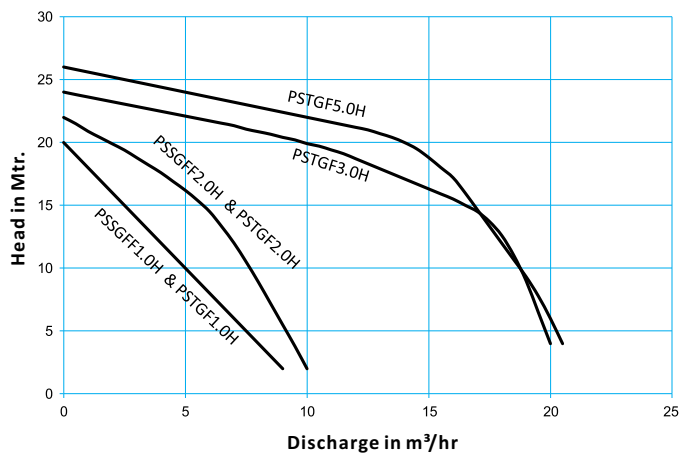
Submersible Grinder Pumps

PSGF Series

Performance Chart • 2900 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	PSSGFF1.5H	1.5 / 1.1	1	32	DISCHARGE IN m ³ /hr	9.6	9.0	7.5	7.2	5.4	4.8	3.9	3.0	2.4			
2	PSTGF1.5H	1.5 / 1.1	3	32		9.6	9.0	7.5	7.2	5.4	4.8	3.9	3.0	2.4			
3	PSSGFF2.0H	2.0 / 1.5	1	32		10.2	9.6	8.7	8.1	7.5	6.9	6.6	4.2	3.0	1.8		
4	PSTGF2.0H	2.0 / 1.5	3	32		10.2	9.6	8.7	8.1	7.5	6.9	6.6	4.2	3.0	1.8		
5	PSTGF3.0H	3.0 / 2.2	3	32			20.1	19.5	19.2	18.9	18.6	18.0	15.6	13.5	10.5	8.7	
6	PSTGF5.0H	5.0 / 3.7	3	50			20.4	19.8	19.5	19.2	18.9	18.6	17.4	16.8	15.0	12.0	10.8

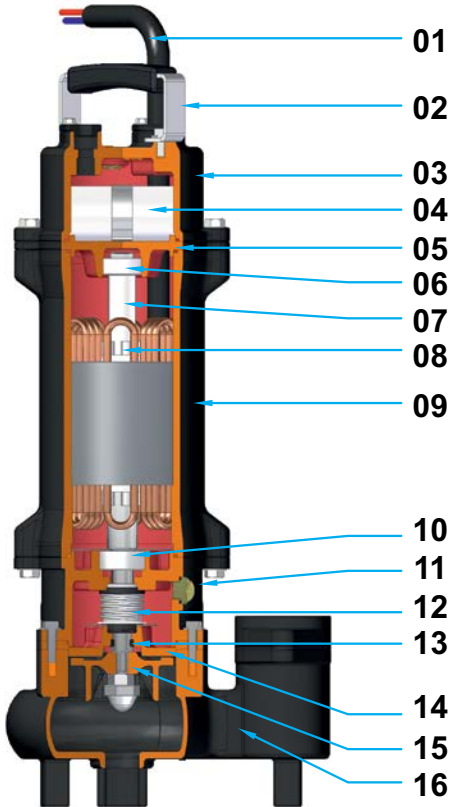
Performance Curves • 2900 RPM



Submersible Sewage Pumps (Vortex Design)

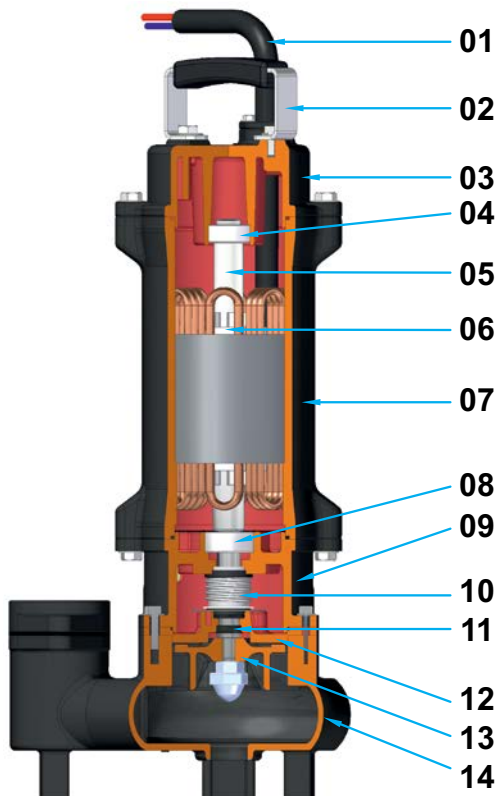
PSNCV Series

Cross Section • 0.5-2 HP Single Phase

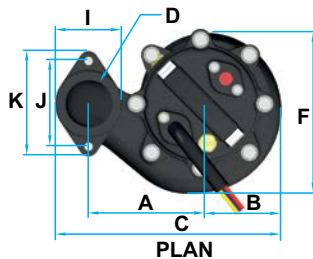
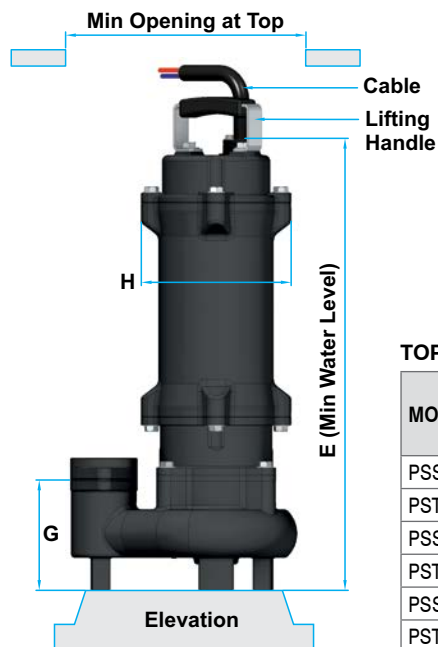


NO.	DESCRIPTION	MATERIAL
01	POWER & CONTROL CABLE	PVC. INSU. SHEATHED
02	LIFTING HANDLE	S.S.
03	TOP COVER	CI IS-210, FG260
04	CAPACITOR	REPUTED MAKE
05	TOP BEARING PLATE	CI IS-210, FG260
06	BEARING (6203)	FAG. (GREASE LUB.)
07	ROTOR SHAFT	S.S. 410
08	ROTOR	ALU. DYE-CAST
09	MOTOR BODY	CI IS-210, FG260
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 • 0.5-2 HP 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		



TOP DELIVERY

All Dimension are in mm

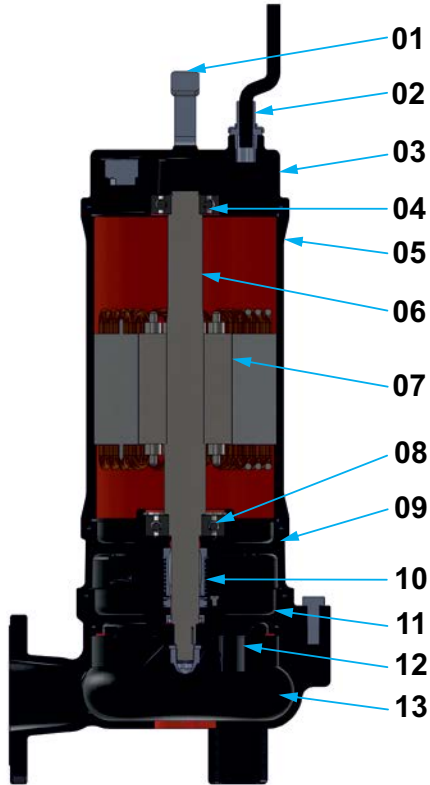
MODEL	MIN. OPE-NING	A	B	C	D	E	F	G	H	I	J	K	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSSNCVF0.5L	502	117.5	84.5	202	50	485	173	115	157	70	90	110	20	10x9x21	26
PSTNCV0.5L	502	117.5	84.5	202	50	457.5	173	115	157	70	90	110	20	10x9x20	26
PSSNCVF1.0L	502	117.5	84.5	202	50	525	173	115	157	70	90	110	22	10x9x23	28
PSTNCV1.0L	502	117.5	84.5	202	50	482.5	173	115	157	70	90	110	22	10x9x21	28
PSSNCVF2.0H	535	134	101	235	50	510	197	120	182	70	90	110	30	11x10x22	36
PSTNCV2.0H	535	134	101	235	50	510	197	120	182	70	90	110	30	10x10x22	36



Submersible Sewage Pumps (Vortex Design)

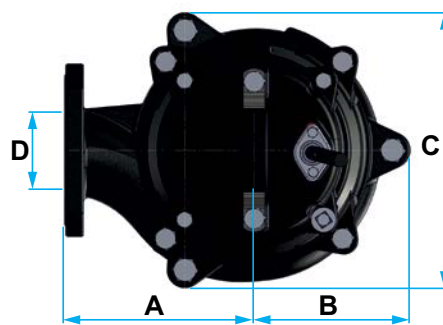
PSNVC Series

Cross Section • 3-10 HP Three Phase



NO.	DESCRIPTION	MATERIAL
01	HANDLE	S.S.
02	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
03	TOP COVER	CI IS-210, FG260
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB)
05	MOTOR BODY	CI IS-210, FG260
06	ROTOR SHAFT	S.S. 410
07	ROTOR COMPLETE	ALU DYE CAST
08	BALL BEARING (D.E.)	FAG. (GREASE LUB)
09	OIL CHAMBER	CI IS-210, FG260
10	DUAL MECHANICAL SEAL	CARBON / S.S. SIS
11	SEAL PLATE	CI IS-210, FG260
12	IMPELLER	CI IS-210, FG260
13	VOLUTE CASING	CI IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

GA Drawing • 3-10 HP Three Phase



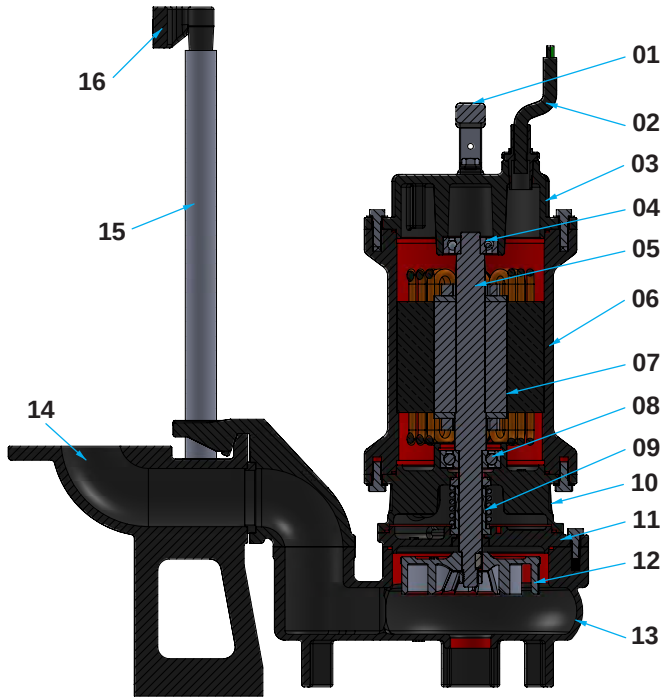
All Dimension are in mm

MODEL	MIN. OPENING	A	B	C	D	E	F	G	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	TOTAL WEIGHT in Kg.
PSTNVC3.0H	590	159	131	231	65	572	80	190	44	13x11x25	50
PSTNVC5.0H	590	159	131	231	65	618	80	215	55	13x11x26	95
PSTNVC7.5H	626	185	141	271	80	659	96.5	241	86	22x16x33	137
PSTNVC10H	626	185	141	271	80	659	96.5	241	95	22x16x33	148

Submersible Sewage Pumps (Vortex Design)

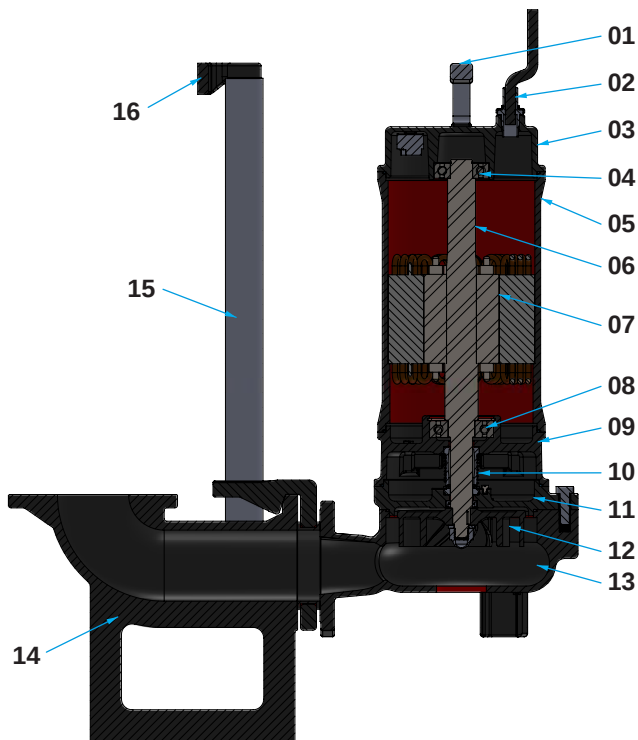
PSNCV Series with Auto Coupling

Cross Section • 0.5-2 HP



NO.	DESCRIPTION	MATERIAL
01	HANDLE	S.S.
02	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
03	TOP COVER	C.I. IS-210, FG260
04	BALL BEARING (N.D.E.)	FAG. (GREASE LUB)
05	ROTOR SHAFT	S.S. 410
06	MOTOR BODY	C.I. IS-210, FG260
07	ROTOR	ALU DYE CAST
08	BALL BEARING (D.E.)	FAG. (GREASE LUB)
09	DUAL MECHANICAL SEAL	TC / TC
10	OIL CHAMBER	C.I. IS-210, FG260
11	SEAL PLATE	C.I. IS-210, FG260
12	IMPELLER	C.I. IS-210, FG260
13	VOLUTE CASING	C.I. IS-210, FG260
14	AUTO COUPLING	C.I. IS-210, FG260
15	GUIDE PIPE	MBH STD.
16	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Cross Section • 3-10 HP

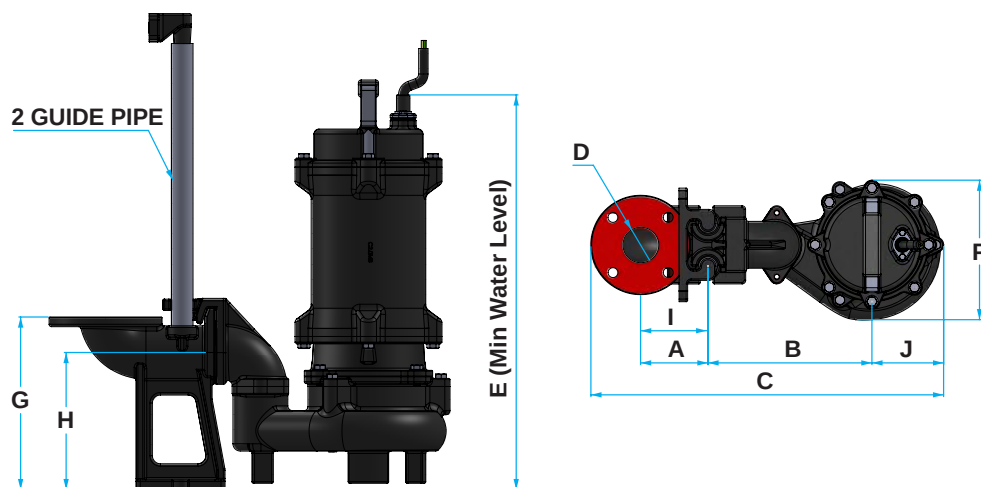


NO.	DESCRIPTION	MATERIAL
01	HANDLE	S.S.
02	POWER AND CONTROL CABLE	PVC. INSU. SHEATHED
03	TOP COVER	C.I. IS-210, FG260
04	BALL BEARING (N.D.E.)	FAG.(GREASE LUB)
05	MOTOR BODY	C.I. IS-210, FG260
06	ROTOR SHAFT	S.S. 410
07	ROTOR	ALU DYE CAST
08	BALL BEARING (D.E.)	FAG. (GREASE LUB)
09	OIL CHAMBER	C.I. IS-210, FG260
10	DUAL MECHANICAL SEAL	TC / TC
11	SEAL PLATE	C.I. IS-210, FG260
12	IMPELLER	C.I. IS-210, FG260
13	VOLUTE CASING	C.I. IS-210, FG260
14	AUTO COUPLING	C.I. IS-210, FG260
15	GUIDE PIPE	MBH STD.
16	GUIDE PIPE HOLDER	C.I. IS-210, FG260
#	FASTENER	S.S. 304
Note: M.O.C. SHOWING MAJOR PARTS ONLY		

Submersible Sewage Pumps (Vortex Design)

PSNCV Series with Auto Coupling

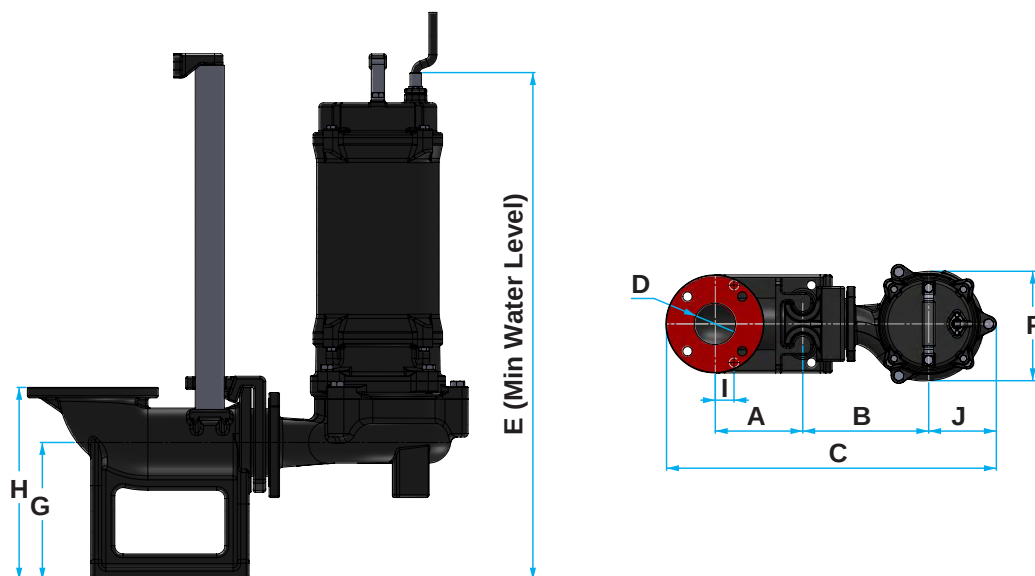
GA Drawing • 0.5-2 HP



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.
PSSNCVF0.5L	765	95	215	465	50	497	173	170	214	93	85	20	10x9x21	26
PSTNCV0.5L	765	95	215	465	50	444	173	170	214	93	85	20	10x9x20	26
PSSNCVF1.0L	765	95	215	465	50	537	173	170	214	93	85	22	10x9x23	28
PSTNCV1.0L	765	95	215	465	50	469	173	170	214	93	85	22	10x9x21	28
PSSNCVF2.0H	800	95	231	497	50	518	197	170	214	93	101	30	11x10x22	36
PSTNCV2.0H	800	95	231	497	50	509	197	170	214	93	101	30	10x10x22	36

GA Drawing • 3-10 HP



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.
PSTNCV3.0H	940	170	244	640	80	692	212	200	280	37	131	44	13x11x25	50
PSTNCV5.0H	940	170	244	640	80	738	212	200	280	37	131	55	13x11x26	95
PSTNCV7.5H	976	170	271	676	80	763	212	200	280	37	131	86	22x16x33	137
PSTNCV10H	976	170	271	676	80	763	212	200	280	37	131	95	22x16x33	148

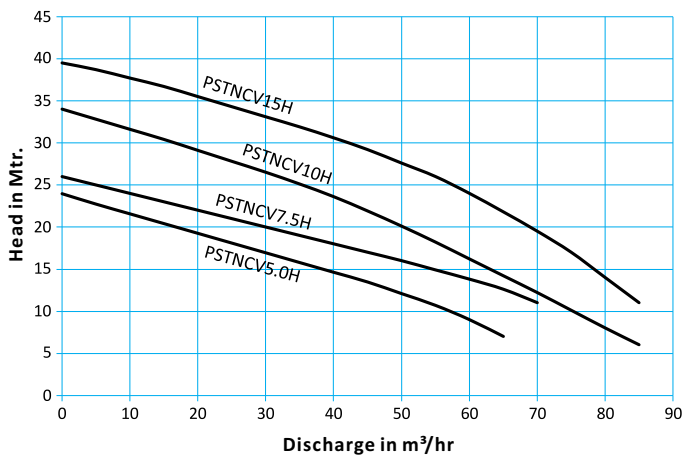
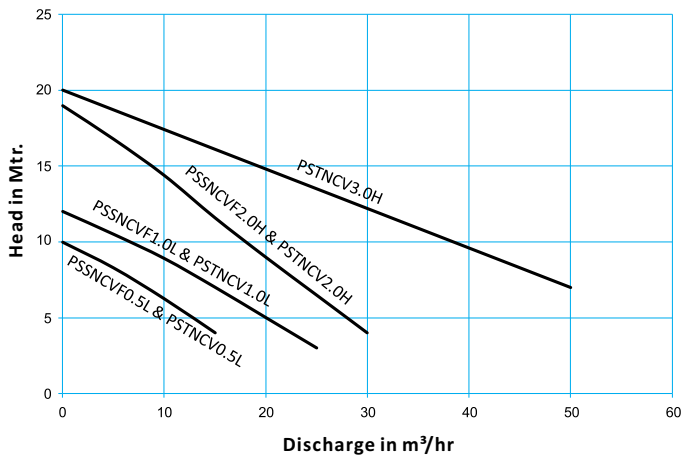
Submersible Sewage Pumps (Vortex Design)

PSNCV Series

Performance Chart • 2900 RPM

No.	Model	HP / KW	Phase	Del. Size in mm		HEAD IN METERS																
						4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
1	PSSNCVF0.5L	0.5 / 0.37	1	50	DISCHARGE IN m ³ /hr	16	12	7														
2	PSTNCV0.5L	0.5 / 0.37	3	50		16	12	7														
3	PSSNCVF1.0L	1.0 / 0.75	1	50		23	18	13	5													
4	PSTNCV1.0L	1.0 / 0.75	3	50		23	18	13	5													
5	PSSNCVF2.0H	2.0 / 1.5	1	50		29	27	24	18	15	9	3										
6	PSTNCV2.0H	2.0 / 1.5	3	50		29	27	24	18	15	9	3										
7	PSTNCV3.0H	3.0 / 2.2	3	80			51	49	39	32	25	14	4									
8	PSTNCV5.0H	5.0 / 3.7	3	80				63	60	55	48	41	32	19	7							
9	PSTNCV7.5H	7.5 / 5.5	3	80						68	61	52	40	27	16	5						
10	PSTNCV10H	10.0 / 7.5	3	80			84	78	76	72	66	60	54	49	44	36	30	15	12	6		
11	PSTNCV15H	15.0 / 11.0	3	80				90	87	85	82	78	72	71	66	60	54	45	42	37	24	15

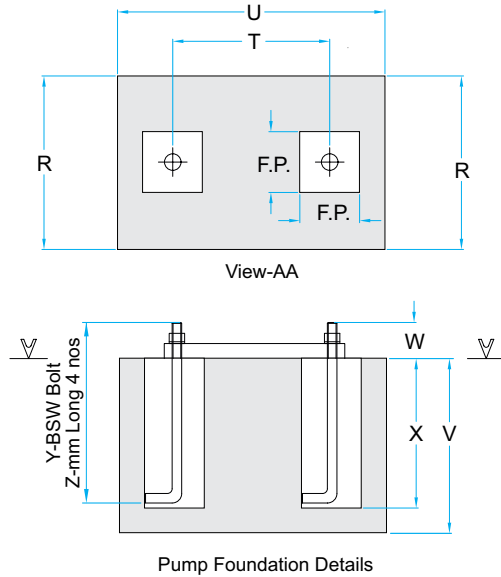
Performance Curves • 2900 RPM



Submersible Sewage Pumps

PSC, PSGF & PSNCV Series

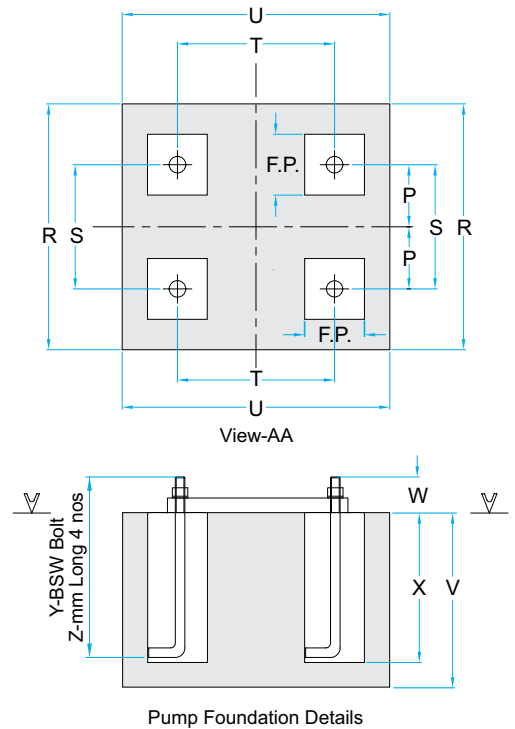
Foundation Details for Auto Coupling



Top Delivery

All Dimension are in mm

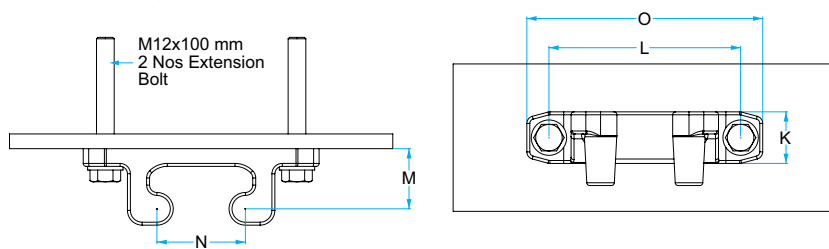
Auto Coupling Size	R	T	U	V	W	X	Y	Z	F.P
1.25 x 1.25	200	80	280	167	30	102	5/8"	112	65
2 x 2	200	80	280	167	30	102	5/8"	112	65



Side Delivery

All Dimension are in mm

Auto Coupling Size	P	R	S	T	U	V	W	X	Y	Z	F.P
2 x 2	60	320	120	108	308	167	30	102	5/8"	112	65
3 x 3	85	370	170	225	425	167	30	102	5/8"	112	65



Pipe Holder Side Delivery

All Dimension are in mm

AUTO COUPLING CODE	K	L	M	N	O
2 x 2	12	140	48	70	170
3 x 3	35	150	52	80	185

Flange Details Side Delivery

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	140	110	4	14
3"	80	140	110	4	18

Pipe Holder Top Delivery

All Dimension are in mm

AUTO COUPLING CODE	K	L	M	N	O
1.25 x 1.25	35	130	41	60	160
2 x 2	35	130	41	60	160

Flange Details Top Delivery

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
1.25"	32	140	110	4	14
2"	50	140	110	4	14



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.

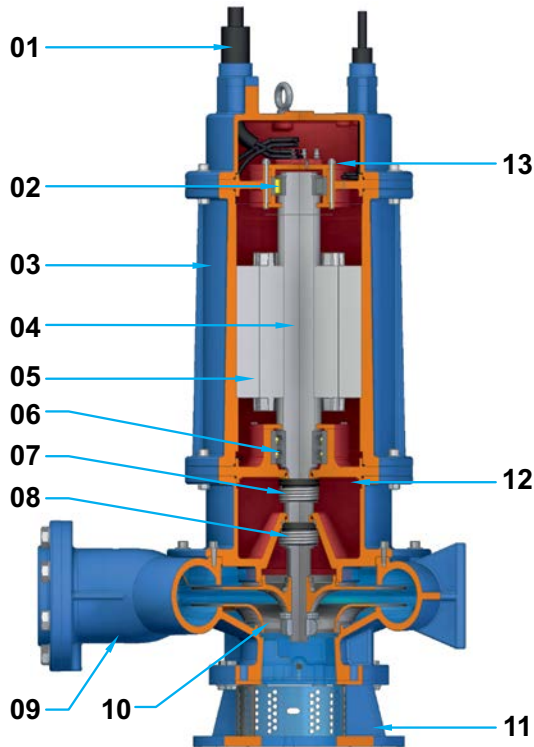
Flow rate upto 2500 m³/hr
Maximum head 110 m

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.



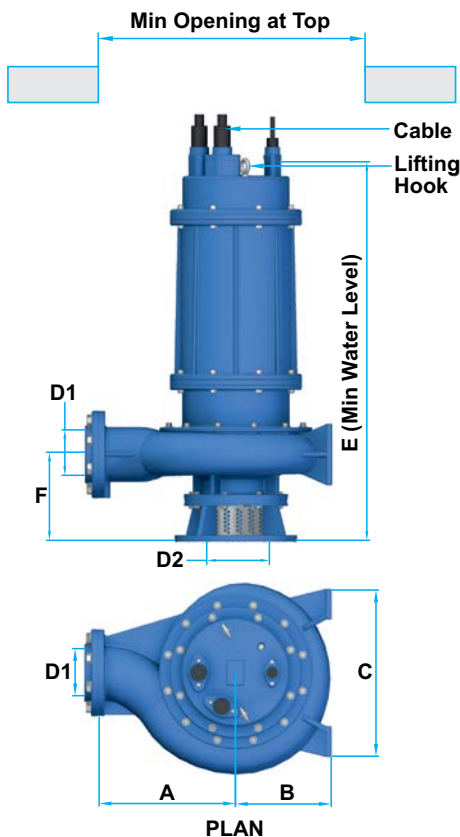
Submerged Centrifugal Pumps

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

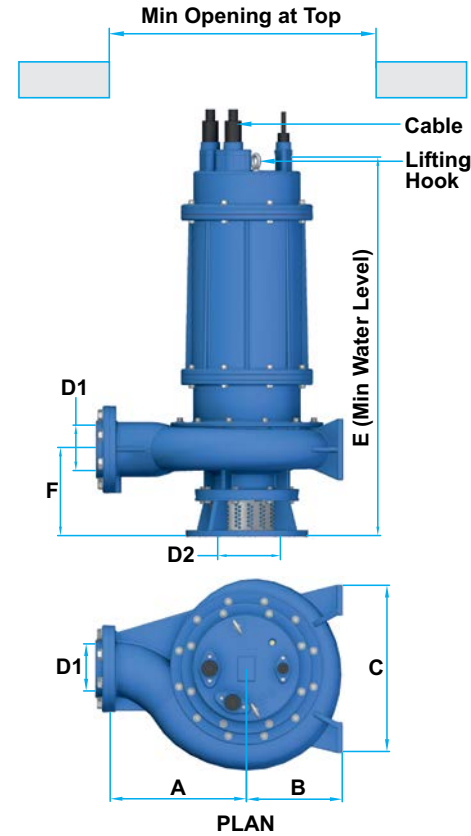


2900 RPM

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.
2W10C2.516	660	200	160	280	65	80	709	183	150	39x18x22	240
2W12.5C2.516	660	200	160	280	65	80	759	183	159	39x18x22	246
2W15C2.516	660	200	160	280	65	80	759	183	176	42x20x24	278
2W15C316	705	225	180	320	80	100	778.5	215	176	42x20x24	278
2W20C2.516	660	200	160	280	65	80	902	183	190	43x20x24	292
2W20C316	705	225	180	320	80	100	935	215	190	43x20x24	292
2W25C2.520	705	225	180	320	65	80	947	187	248	45x20x24	354
2W25C316	700	250	180	345	80	100	974	215	262	45x20x24	360
2W30C320	700	250	180	345	80	100	1013	215	279	47x21x25	399
2W30C2.520	700	250	200	360	65	80	976	183	279	47x21x25	399
2W40C2.526	700	250	200	360	65	80	1076	183	320	49x22x26	448
2W40C320	750	280	200	400	80	100	1118	215	338	49x22x26	448
2W50C326	780	280	200	400	80	100	1223	271	159	50x23x27	504
2W50C420	780	280	200	360	100	125	1227	269	159	50x23x27	504
2W60C420	780	280	200	360	100	125	1287	269	477	59x23x38	629
2W60C326	780	280	200	400	80	100	1283	271	477	59x23x28	629
2W75C420	780	280	200	360	100	125	1327	269	500	60x23x28	652

GA Drawing • Vertical



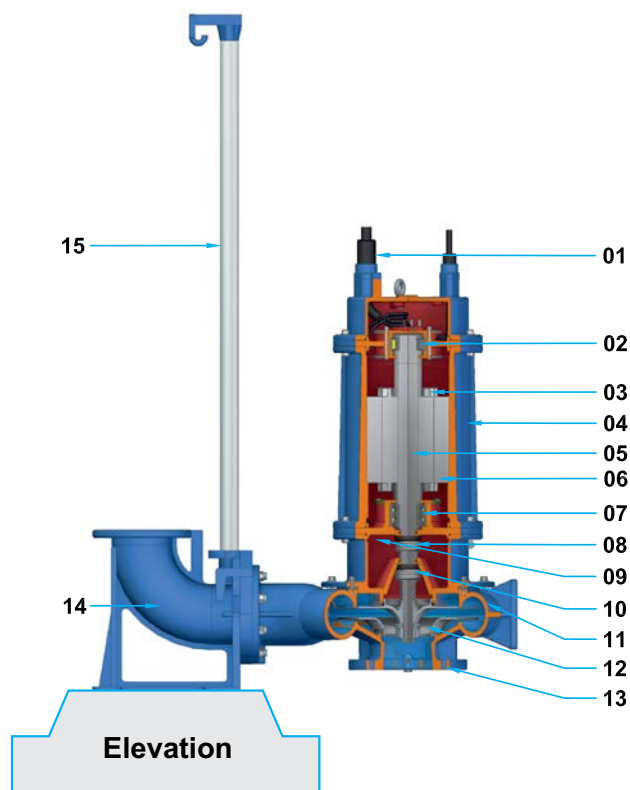
1450 RPM

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	158	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
4W25C432	865	315	250	400	100	125	1089	289	338	52x25x33	458
4W25C526	885	335	250	400	125	150	1124	314	343	53x25x34	466
4W30C432	865	315	250	400	100	125	1204	289	349	56x25x33	496
4W30C532	935	355	280	500	125	150	1270	364	349	59x29x36	496
4W30C626	932	370	262	400	150	200	1230	322	357	57x25x36	489
4W40C440	935	355	280	500	100	125	1259	295	538	60x29x35	683
4W40C532	935	355	280	500	125	150	1280	320	555	60x29x36	702
4W40C1032	1100	430	370	650	250	250	1415	417	579	65x35x42	778
4W50C440	935	355	280	500	100	125	1284	295	587	60x29x35	749
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	1610	347	635	66x30x42	818
4W60C540	1015	400	315	500	125	150	1358	320	644	65x29x39	811
4W60C640	1065	450	315	550	150	200	1375	340	644	54x31x41	811
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
4W85C540	1015	400	315	500	125	150	1425	320	695	66x29x39	883
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
4W100C540	1015	400	315	500	125	150	1515	320	708	70x29x39	901
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
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

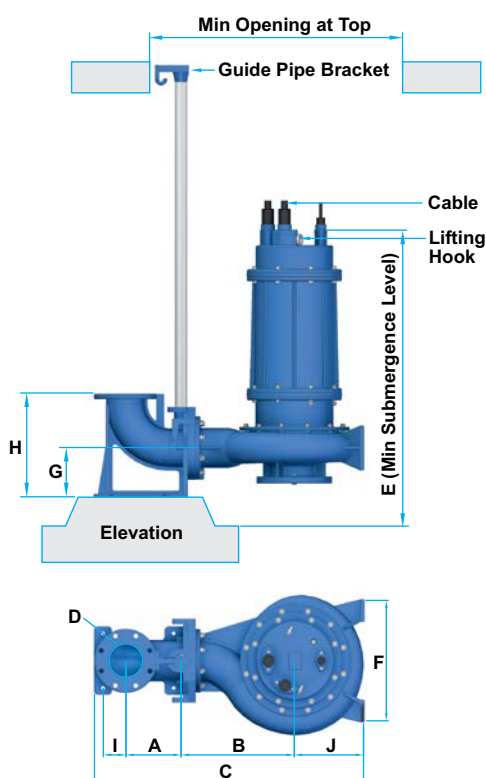
Submerged Centrifugal Pumps

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

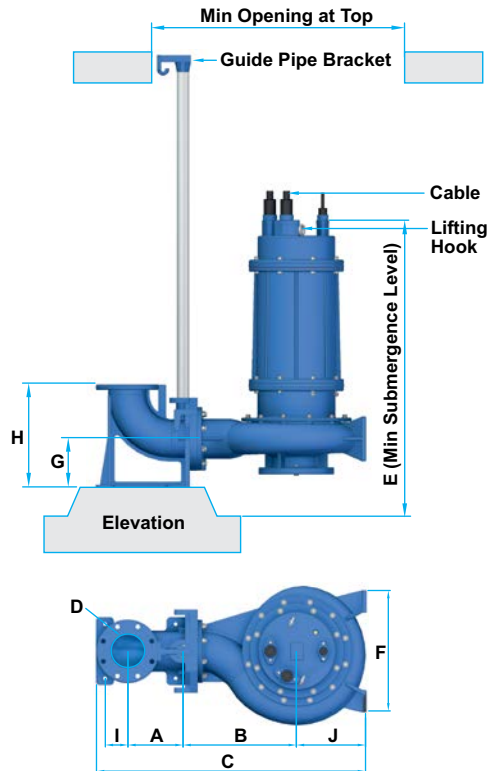


2900 RPM

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.
2W10C2.516	1014	180	260	714	65	800	280	210	460	84	160	150	39x18x22	240
2W12.5C2.516	1014	180	260	714	65	850	280	210	460	84	160	159	39x18x22	246
2W15C2.516	1014	180	260	714	65	850	280	210	460	84	160	176	42x20x24	278
2W15C316	1030	147	281	730	80	837	320	161	323	92	180	176	42x20x24	278
2W20C2.516	1014	180	260	714	65	840	280	210	460	84	160	190	43x20x24	292
2W20C316	1030	147	281	730	80	862	320	161	323	92	180	190	43x20x24	292
2W25C2.520	1059	180	285	759	65	995	320	210	460	84	180	248	45x20x24	354
2W25C316	1030	147	281	730	80	902	320	161	323	92	180	262	45x20x24	360
2W30C320	1055	147	306	755	80	959	345	161	323	92	180	279	47x21x25	399
2W30C2.520	1059	180	285	759	65	945	320	210	460	84	180	279	47x21x25	399
2W40C2.526	1104	180	310	804	65	1103	360	210	460	84	200	320	49x22x26	448
2W40C320	1055	147	306	755	80	959	345	161	323	92	180	338	49x22x26	448
2W50C326	1105	147	336	805	80	1162	400	161	323	92	200	159	50x23x27	504
2W50C420	1076	156	337	776	100	1168	360	150	325	83	200	159	50x23x27	504
2W60C420	1076	156	337	776	100	1050	360	150	325	83	200	477	59x23x38	629
2W60C326	1105	147	336	805	80	1044	400	161	323	92	200	477	59x23x28	629
2W75C420	1076	156	337	776	100	1090	360	150	325	83	200	500	60x23x28	652

GA Drawing • Auto Coupling



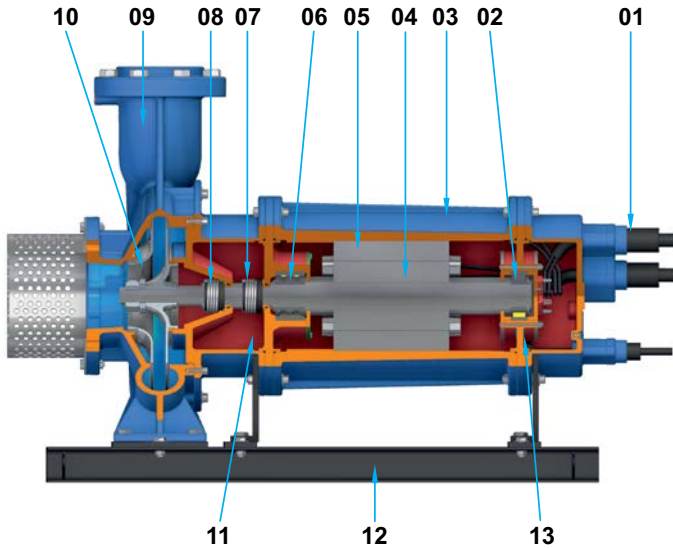
1450 RPM

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	158	46x25x30	259
4W10C420	1076	156	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
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
4W30C432	1187	178	375	887	100	1070	400	210	460	84	250	349	56x25x33	496
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
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
4W50C440	1250	182	395	950	100	1320	500	300	550	93	280	587	60x29x35	749
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
4W60C640	1485	245	529	1185	150	1340	550	300	652	96	355	644	54x31x41	811
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
4W85C540	1377	201	474	1077	125	1315	500	212	440	87	315	695	66x29x39	883
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
4W100C540	1377	201	474	1077	125	1405	500	212	440	87	315	708	70x29x39	901
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
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

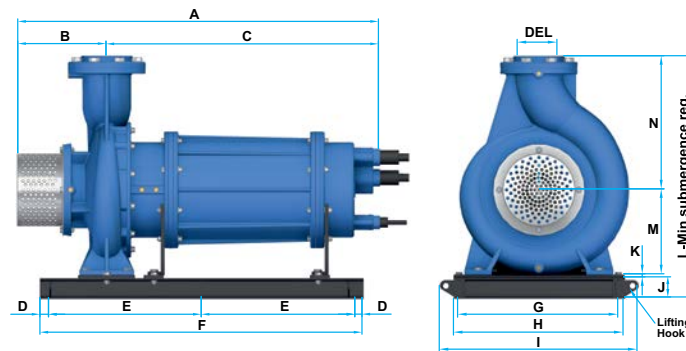
Submerged Centrifugal Pumps

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



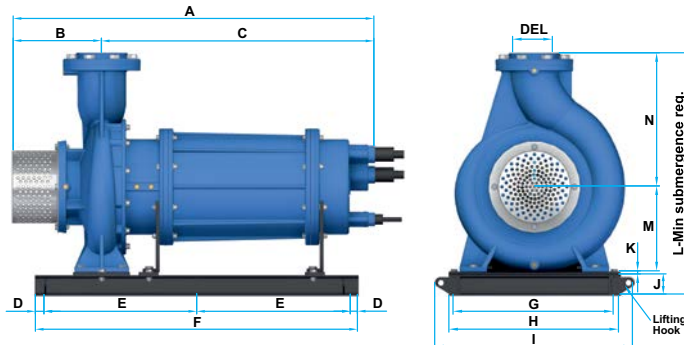
2900 RPM

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.
2W10C2.516	65	80	709	183	526	20	284.5	609	326	360	460	75	12	447	160	200	185	39x22x26	257
2W12.5C2.516	65	80	840	200	640	20	335	750	326	340	440	75	12	447	160	200	185	39x22x26	257
2W15C2.516	65	80	759	183	576	20	309.5	659	326	360	460	75	12	447	160	200	205	42x25x27	291
2W15C316	80	100	926	251	676	20	372	778	366	400	500	75	12	492	180	225	205	42x25x27	291
2W20C2.516	65	80	902	183	719	20	381	802	326	360	460	75	12	447	160	200	220	43x25x27	310
2W20C316	80	100	951	251	701	20	385	804	366	400	500	75	12	492	180	225	220	43x25x27	310
2W25C2.520	65	80	985	200	785	25	425	884	366	400	500	100	14	519	180	225	280	45x25x27	372
2W25C316	80	100	974	215	759	25	412	874	391	425	525	100	14	544	180	250	280	45x25x27	372
2W30C320	80	100	1048	250	798	25	427	904	375	425	525	100	14	544	180	250	312	47x26x29	412
2W30C2.520	65	80	976	183	793	25	413	876	406	440	540	100	14	564	200	250	312	47x26x29	412
2W40C2.526	65	80	1093	200	893	25	487	1024	390	440	540	100	14	564	200	250	356	49x26x30	461
2W40C320	80	80	1118	215	903	25	484	1018	446	480	580	100	14	594	200	280	348	45x26x30	445
2W50C326	80	80	1223	271	952	25	536.5	1123	446	480	580	100	14	594	200	280	405	50x26x31	519
2W50C420	100	80	1227	269	958	25	538.5	1127	406	440	540	100	14	594	200	280	405	50x26x31	519
2W60C420	100	80	1287	269	1018	25	568.5	1187	406	440	540	100	14	594	200	280	518	59x28x32	654
2W60C326	80	80	1283	271	1012	25	566.5	1183	446	480	580	100	15	595	200	280	518	59x28x32	654
2W75C420	100	80	1327	269	1058	25	588.5	1227	406	440	540	100	15	595	200	280	542	60x28x32	678

Submerged Centrifugal Pumps

GA Drawing • Horizontal



1450 RPM

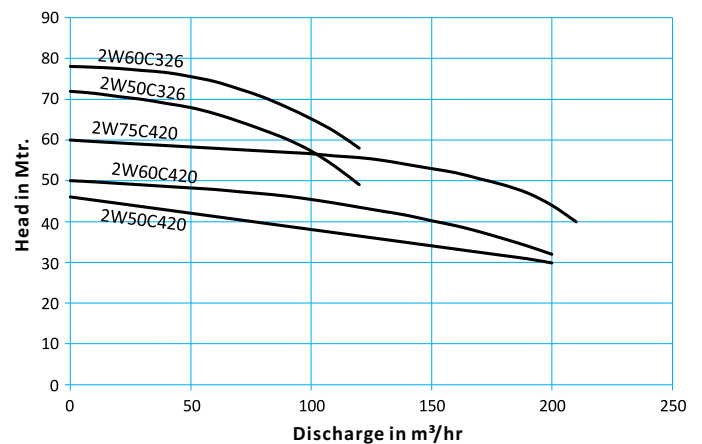
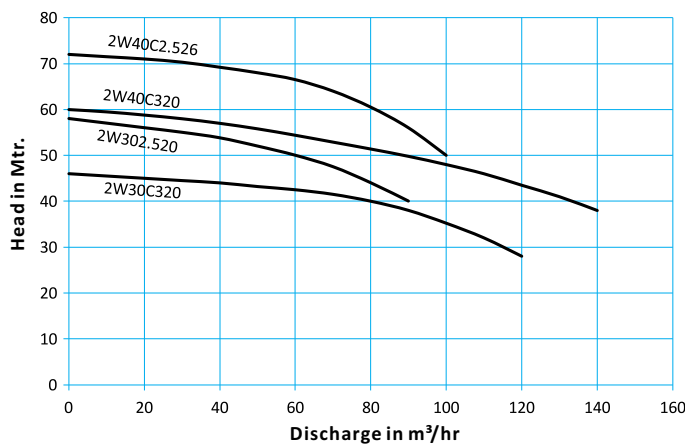
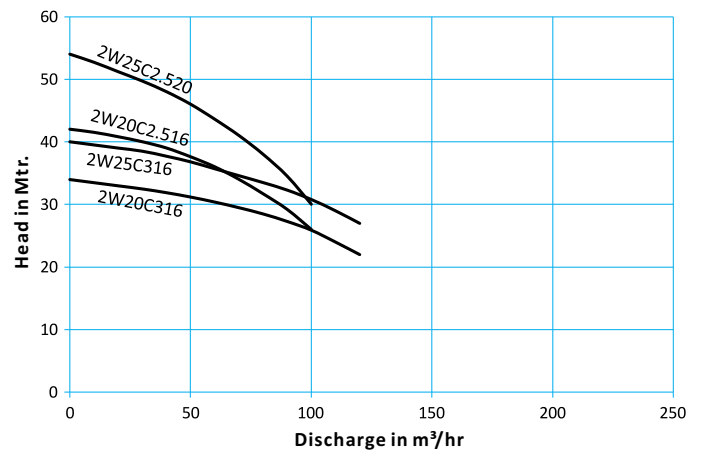
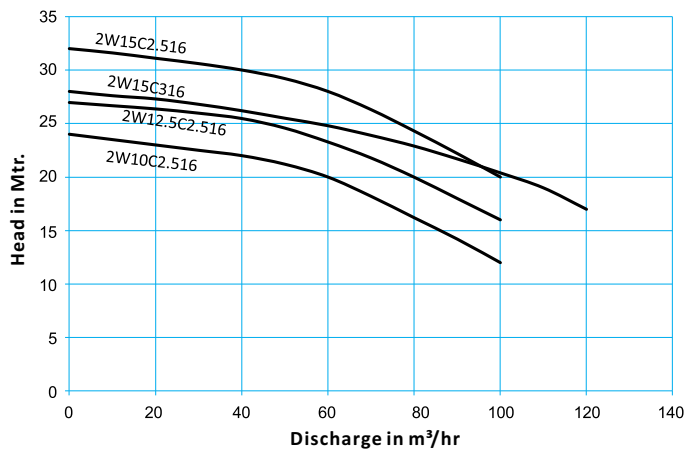
All Dimension are in mm

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
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
4W30C432	100	125	1204	289	915	17	535	1104	446	480	580	75	15	655	250	315	392	59x34x38	566
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
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
4W50C440	100	125	1284	295	989	17	575	1184	546	580	680	75	15	725	280	355	640	63x34x42	830
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
4W60C640	150	200	1375	340	1035	17	620.5	1275	596	630	730	75	15	855	315	450	690	65x34x42	885
4W75C450	100	125	1415	347	1068	20	603.5	1247	590	630	730	150	15	910	355	440	725	65x36x46	943
4W75C540	125	150	1388	320	1068	20	589	1218	560	600	700	150	15	830	315	400	736	64x35x43	935
4W75C640	150	200	1410	340	1070	20	590	1220	610	650	750	150	15	880	315	450	742	64x36x45	957
4W85C450	100	125	1474	347	1127	20	633	1306	590	630	730	150	15	910	355	440	752	67x36x46	976
4W85C540	125	150	1425	320	1105	17	645.5	1325	546	580	680	150	15	880	315	400	752	67x36x46	976
4W85C640	150	200	1469	340	1129	20	619.5	1279	610	650	750	150	15	880	315	450	780	67x36x45	1001
4W85C840	200	250	1561	417	1144	20	660.5	1361	690	730	830	150	15	915	350	450	860	70x40x46	1104
4W100C450	100	125	1564	347	1217	20	678	1396	590	630	730	150	18	913	355	440	780	71x36x46	1003
4W100C540	125	150	1515	320	1195	17	690.5	1415	546	580	680	150	18	883	315	400	780	71x36x46	1003
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
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 RPM

No.	Model	HP/KW	Del. Size in mm		HEAD IN METERS																												
					12	14	16	18	20	22	24	26	28	30	32	34	38	40	42	44	46	48	50	54	56	58	60	62	64	66	70	72	76
1	2W10C2.516	10.0/7.5	65	DISCHARGE IN m ³ /hr	95	90	80	70	58	34																							
2	2W12.5C2.516	12.5/9.3	65				95	90	80	70	58	34																					
3	2W15C2.516	15.0/11.0	65						96	93	81	72	63	45																			
4	2W15C316	15.0/11.0	80				123	117	108	93	75	45																					
5	2W20C2.516	20.0/15.0	65								96	93	89	84	75	49	37																
6	2W20C316	20.0/15.0	80						120	117	108	93	64	31																			
7	2W25C2.520	25.0/18.5	65										96	93	90	81	75	66	57	51	39	18											
8	2W25C316	25.0/18.5	80								123	117	114	108	96	39																	
9	2W302.520	30.0/22.5	65												93	90	87	84	81	75	63	39	24										
10	2W30C320	30.0/22.5	80								123	120	117	111	96	81	69	57															
11	2W40C2.526	40.0/30.0	65																			96	93	90	87	84	75	69	45				
12	2W40C320	40.0/30.0	80												144	135	129	120	114	105	96	75	51	27									
13	2W50C326	50.0/37.5	80																		117	110	107	104	99	88	78	65	29				
14	2W50C420	50.0/37.5	100										201	192	177	156	138	122	72														
15	2W60C326	60.0/45.0	80																				126	123	120	117	111	107	99	87	74	49	
16	2W60C420	60.0/45.0	100											198	189	168	162	156	132	111	87												
17	2W75C420	75.0/55.0	100													210	204	198	192	186	180	156	135	120	96								

Performance Curves • 2900 RPM

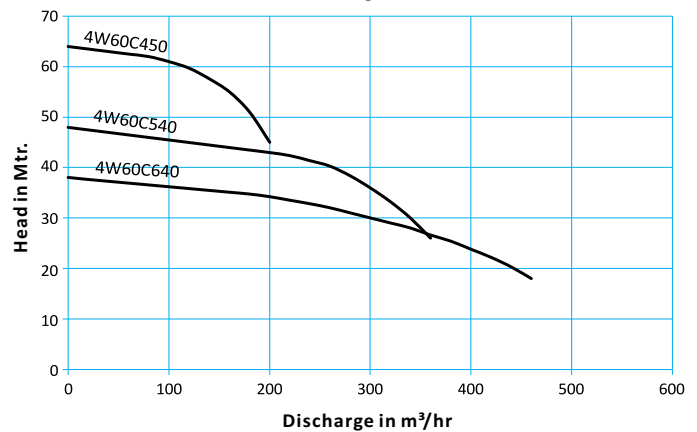
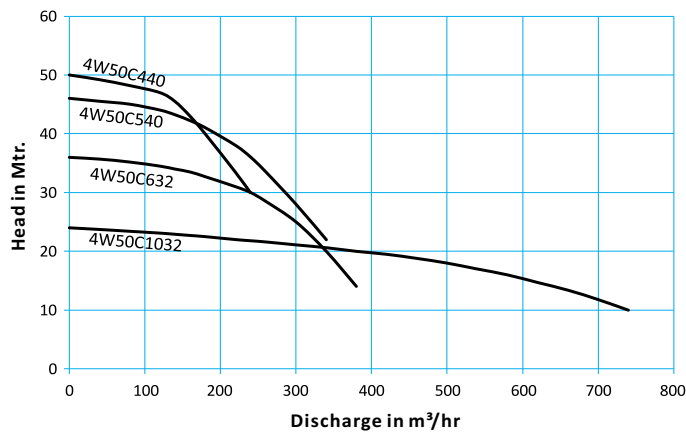
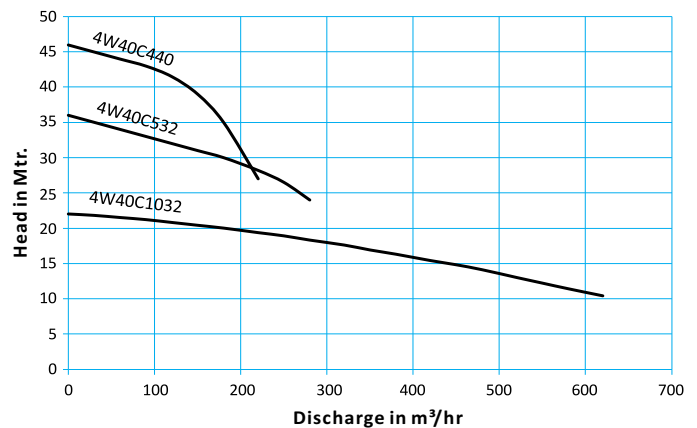
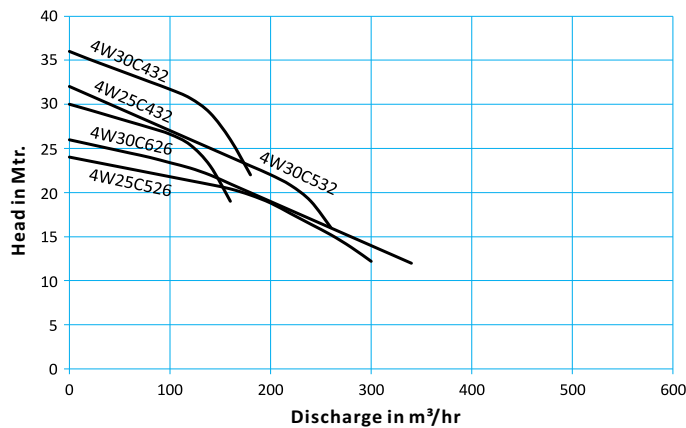
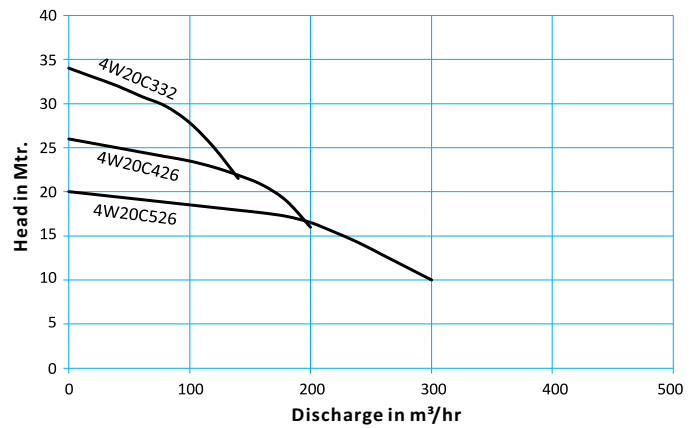
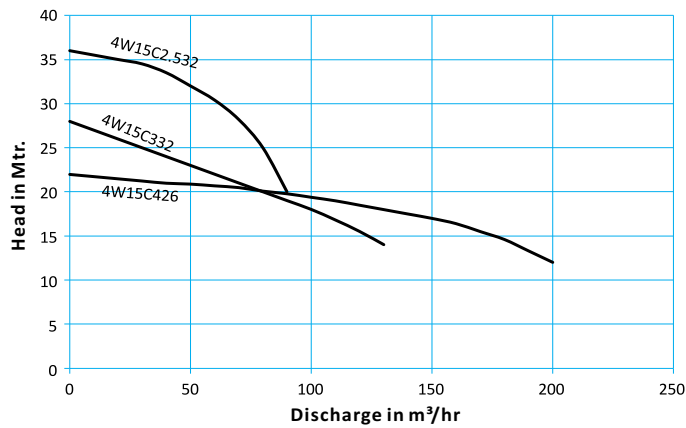
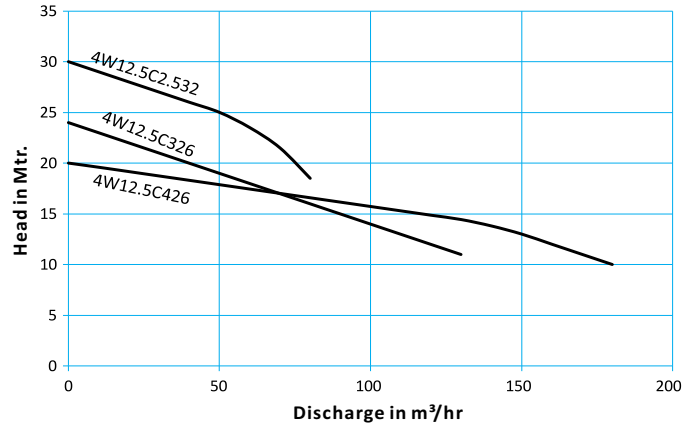
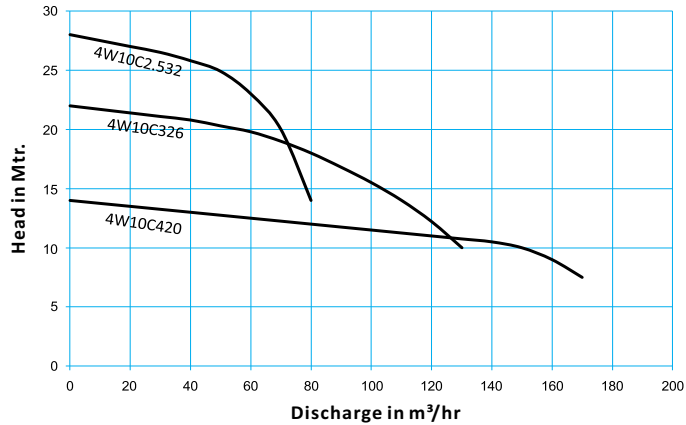


Submerged Centrifugal Pumps

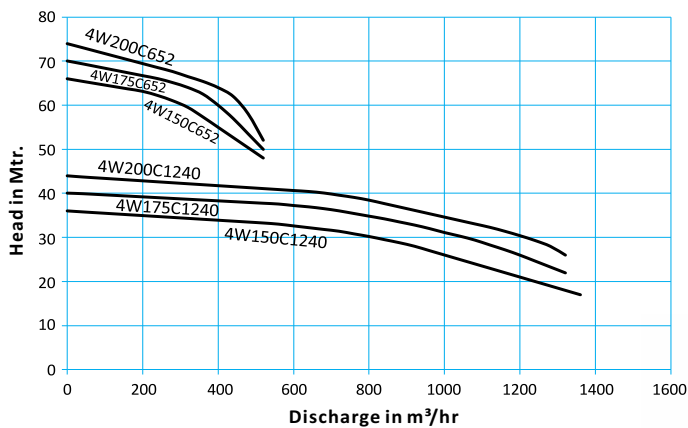
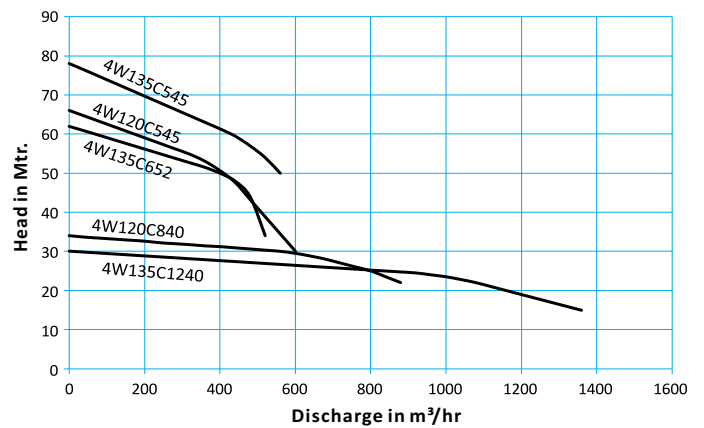
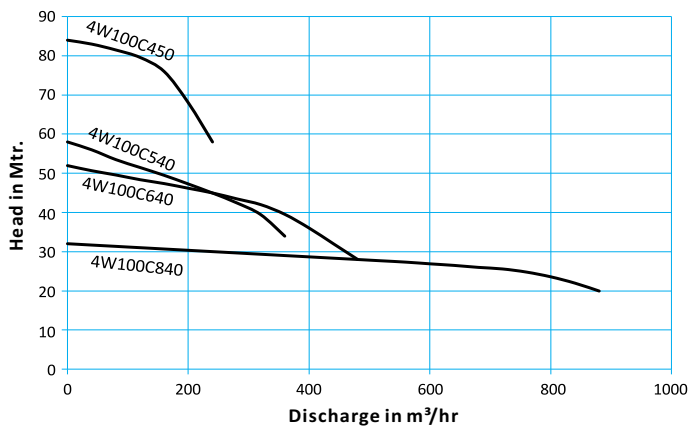
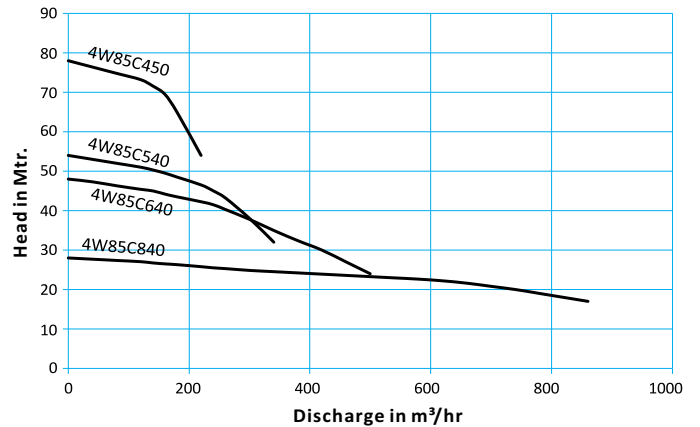
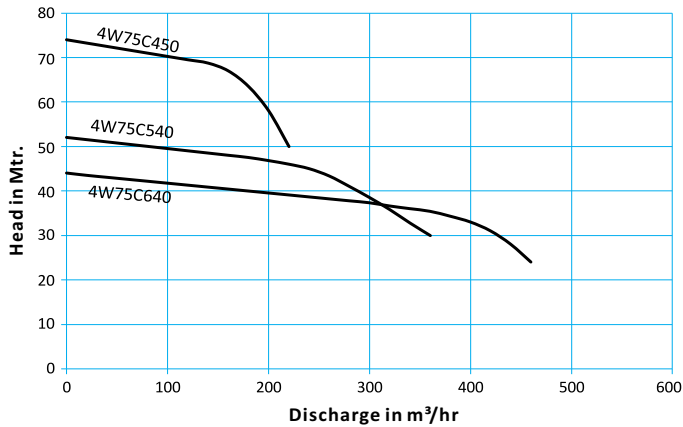
Performance Chart • 1450 RPM

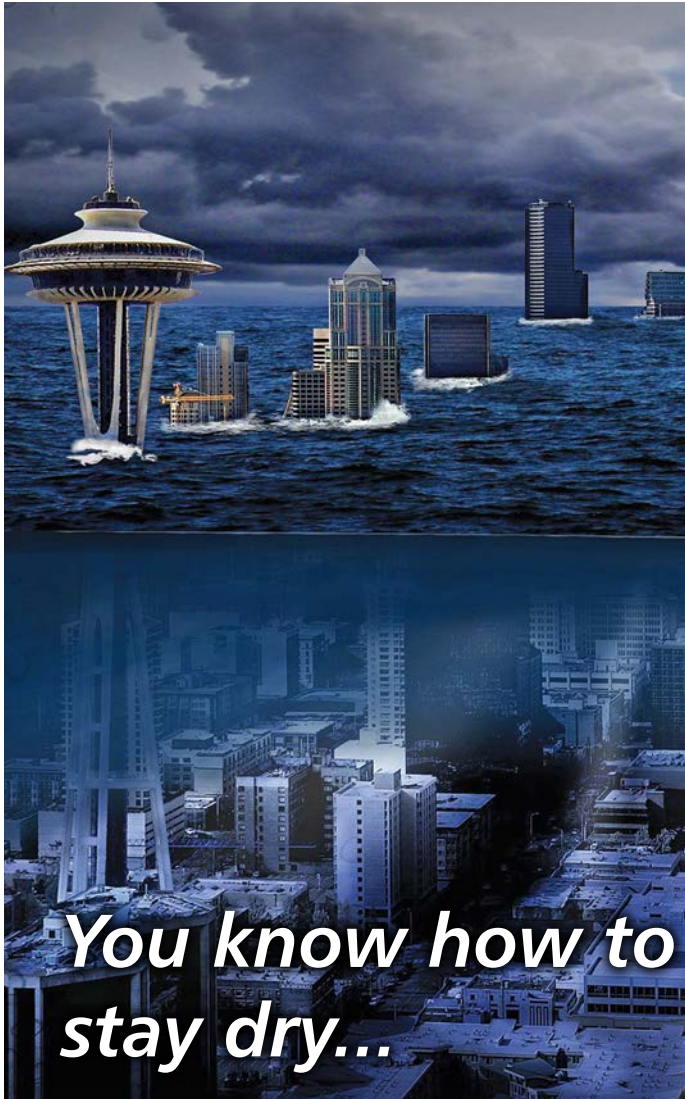
[illegible]

Performance Curves • 1450 RPM



Performance Curves • 1450 RPM





Building and construction sites

Flow rate upto 1500 m³/hr

Maximum head 120 m

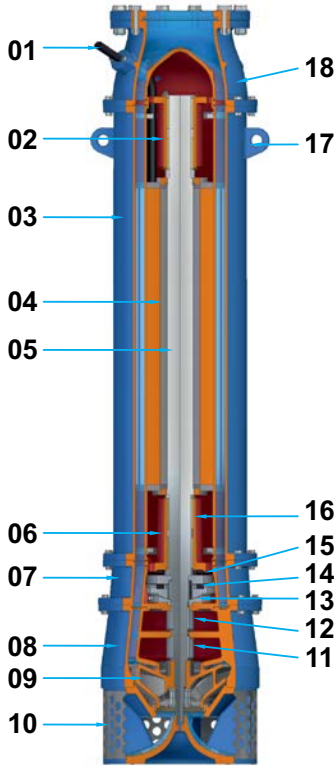
Motor upto 222 kW

Ease of use, easy maintenance
and cost effective solutions



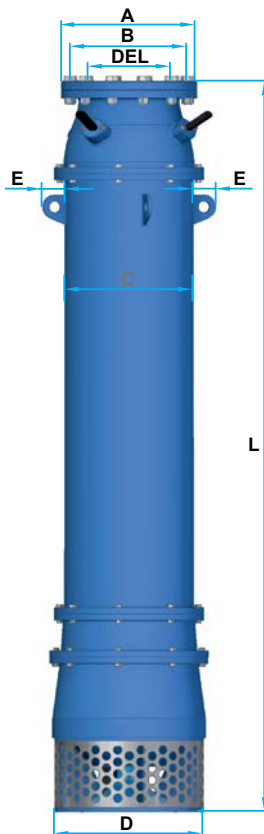
Submersible Polder Pumps

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

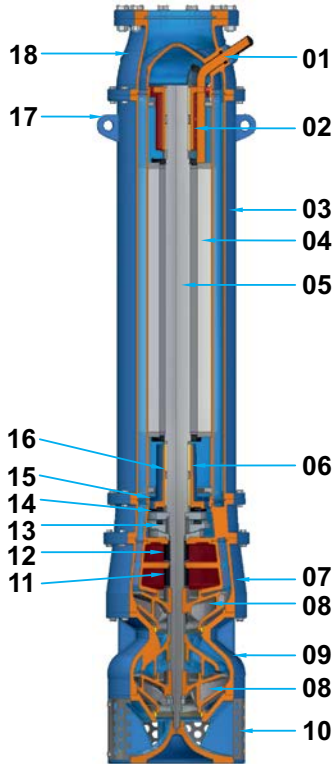


2900 RPM

All Dimension are in mm

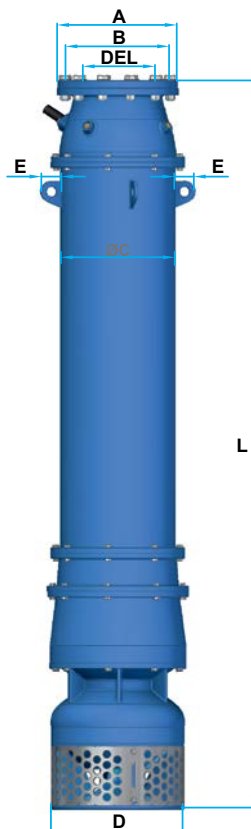
MODEL	DEL.	A	B	C	D	E	L	PUMP WEIGHT in Kg.	BOX SIZE LxBxH in inch	WEIGHT OF BOX in Kg.	TOTAL WEIGHT in Kg.
2PD3SM10C41M	100	220	180	245	315	80	1067	159	49x21x23	75	234
2PD3SM10C41H	100	220	180	245	335	80	1021	159	47x21x23	73	232
2PD3SM15C41M	100	220	180	245	315	80	1137	180	52x21x23	83	263
2PD3SM15C41H	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 RPM

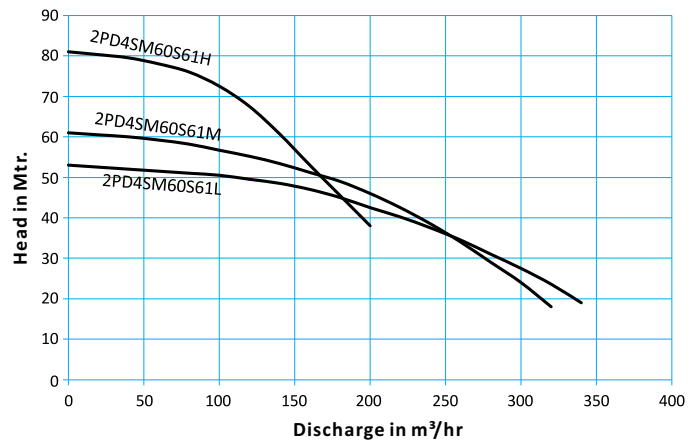
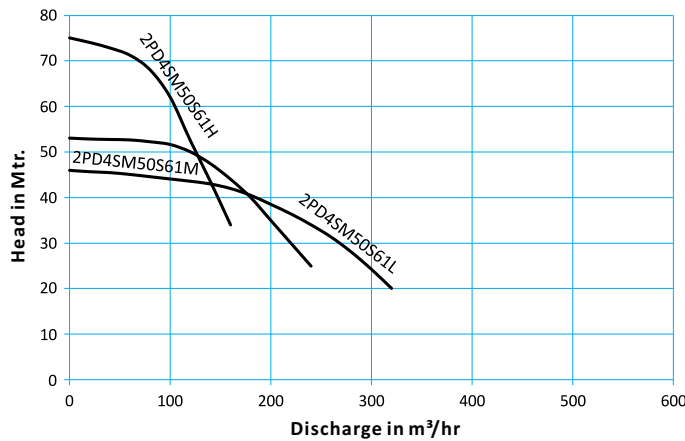
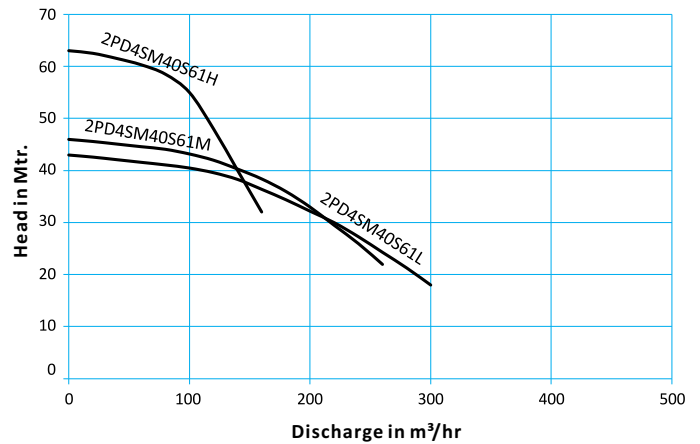
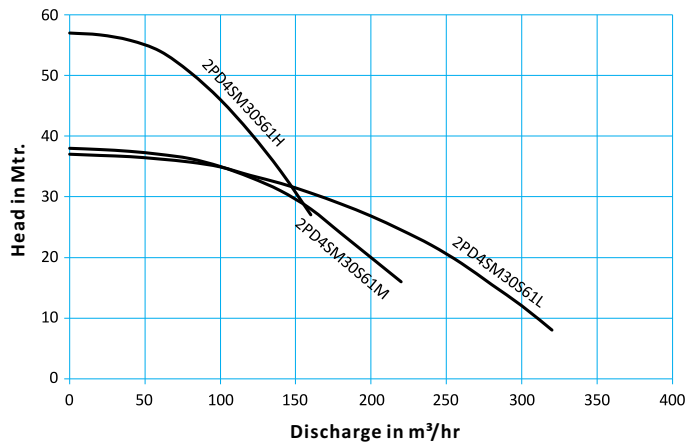
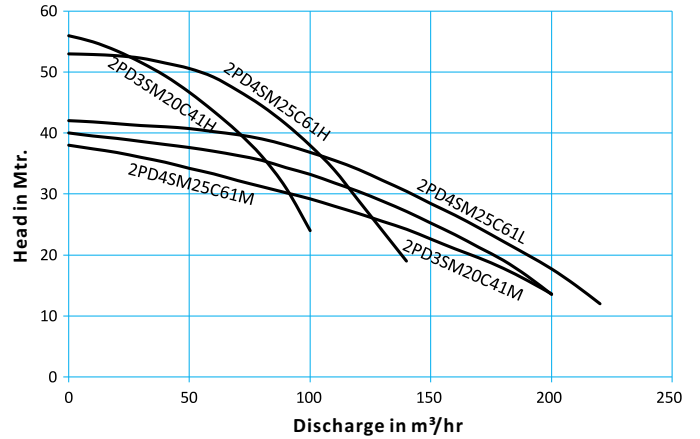
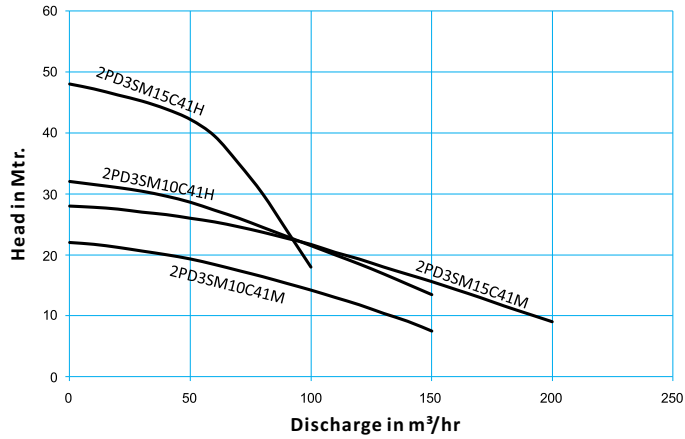
All Dimension are in mm

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

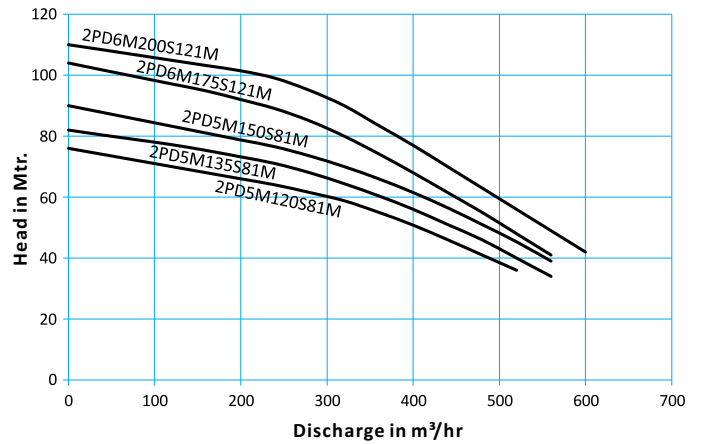
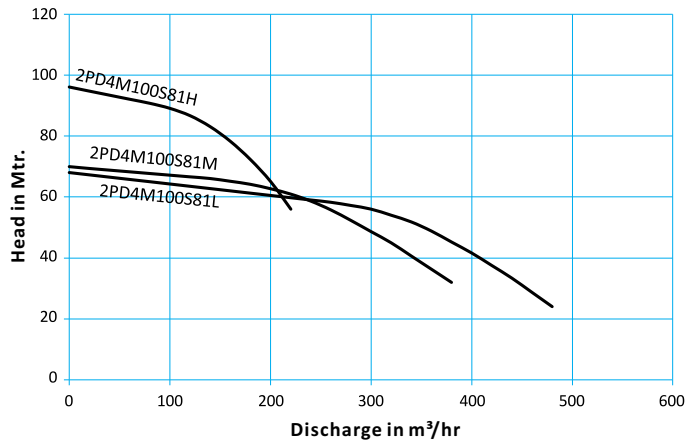
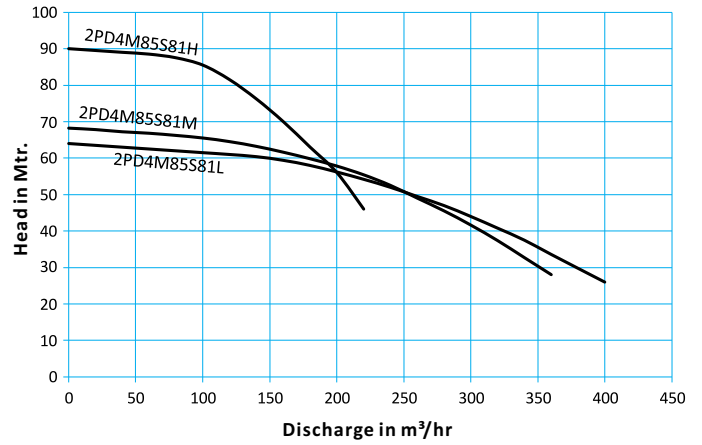
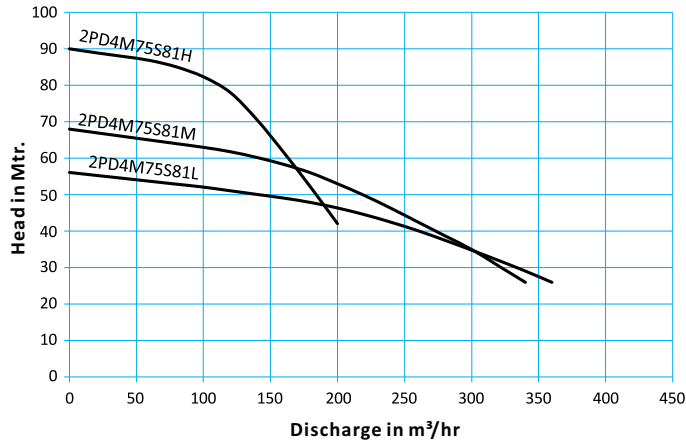
Performance Chart • 2900 RPM

No.	Model	HP/KW	Del. Size in mm	STG	HEAD IN METERS																							
					DISCHARGE IN m ³ /hr																							
1	2PD3SM10C41M	10.0/7.5	100	1	147	141	134	126	119	111	102	94	84	74	64	52	39	24										
2	2PD3SM10C41H	10.0/7.5	100	1																								
3	2PD3SM15C41M	15.0/11.2	100	1	197	191	184	177	169	162	154	146	137	129	119	110	100	89	66	37								
4	2PD3SM15C41H	15.0/11.2	100	1																								
5	2PD3SM20C41M	20.0/15.0	100	1																								
6	2PD3SM20C41H	20.0/15.0	100	1																								
7	2PD4SM25C61L	25.0/18.5	150	1	225	222	218	215	211	207	203	199	196	191	187	183	174	165	155	145	133	120	113	106	88			
8	2PD4SM25C61M	25.0/18.5	150	1																								
9	2PD4SM25C61H	25.0/18.5	150	1																								
10	2PD4SM30S61L	30.0/22.0	150	1	318	313	307	302	296	290	284	278	272	265	259	252	245	238	223	207	189	169	146	118	100	77		
11	2PD4SM30S61M	30.0/22.0	150	1																								
12	2PD4SM30S61H	30.0/22.0	150	1																								
No.	Model	HP/KW	Del. Size in mm	STG	HEAD IN METERS																							
					DISCHARGE IN m ³ /hr																							
13	2PD4SM40S61L	40.0/30.0	150	1	301	290	279	267	254	241	224	211	184	152	123	73												
14	2PD4SM40S61M	40.0/30.0	150	1																								
15	2PD4SM40S61H	40.0/30.0	150	1																								
16	2PD4SM50S61L	50.0/37.5	150	1	326	316	305	294	283	271	258	237	214	196	176	137												
17	2PD4SM50S61M	50.0/37.5	150	1																								
18	2PD4SM50S61H	50.0/37.5	150	1																								
19	2PD4SM60S61L	60.0/40.0	150	1	337	328	319	309	300	289	279	262	243	229	214	189	158	129	74									
20	2PD4SM60S61M	60.0/40.0	150	1																								
21	2PD4SM60S61H	60.0/40.0	150	1																								
22	2PD4M75S81L	75.0/56.0	200	1																								
23	2PD4M75S81M	75.0/56.0	200	1																								
24	2PD4M75S81H	75.0/56.0	200	1																								
25	2PD4M85S81L	85.0/63.3	200	1																								
26	2PD4M85S81M	85.0/63.3	200	1																								
27	2PD4M85S81H	85.0/63.3	200	1																								
28	2PD4M100S81L	100.0/75.0	200	1																								
29	2PD4M100S81M	100.0/75.0	200	1																								
30	2PD4M100S81H	100.0/75.0	200	1																								
No.	Model	HP/KW	Del. Size in mm	STG	HEAD IN METERS																							
					DISCHARGE IN m ³ /hr																							
31	2PD5M120S81M	120.0/90.0	200	1	508	481	467	453	438	422	406	389	372	354	334	314	292	269	215	183	144	92						
32	2PD5M135S81M	135.0/100.5	200	1	550	524	511	497	483	469	454	439	423	407	390	372	354	334	291	267	241	211	178	137	79			
33	2PD5M150S81M	150.0/111.5	200	1	570	548	537	525	513	501	488	475	462	449	435	420	405	390	357	339	321	301	281	258	234	206	175	138
34	2PD6M175S121M	175.0/130.0	300	1	587	577	568	558	548	537	527	516	506	495	483	472	460	436	423	409	396	382	367	352	336	320	302	284
35	2PD6M200S121M	200.0/150.0	300	1																								

Performance Curves • 2900 RPM



Performance Curves • 2900 RPM



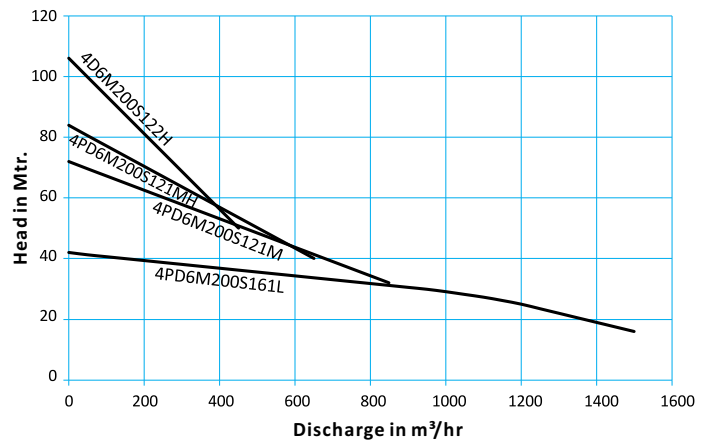
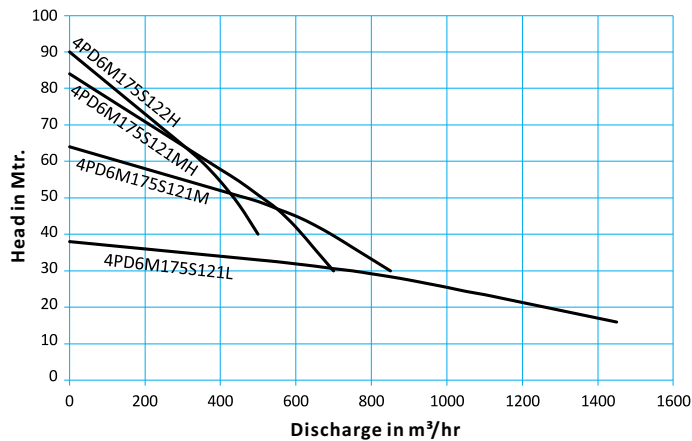
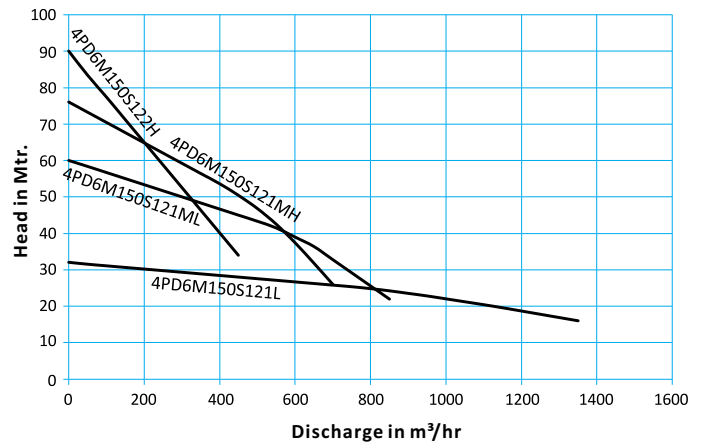
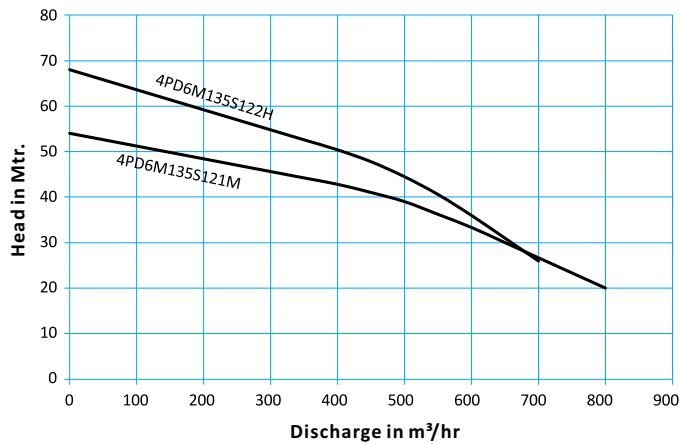
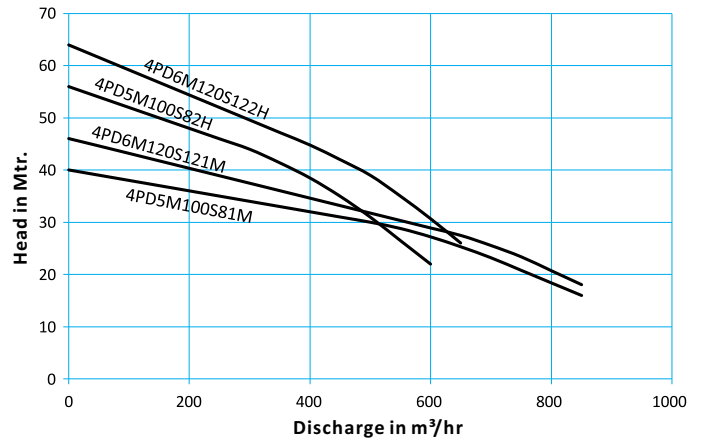
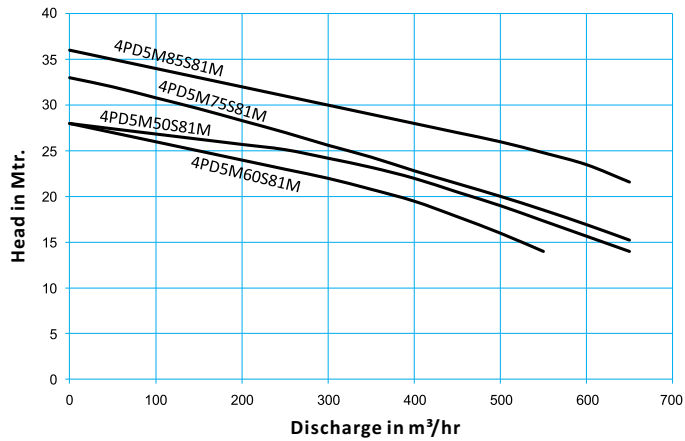
Submersible Polder Pumps

Performance Chart • 1450 RPM

No.	Model	HP/KW	Del. Size in mm	STG	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
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	237	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																																	
21	4PD6M200S121MH	200.0/150.0	300	1																																	
22	4D6M200S122H	200.0/150.0	300	2																																	
												</																									



Performance Curves • 1450 RPM



Horizontal Split Casing Pumps



*Versatile, really robust
and definitely reliable*

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

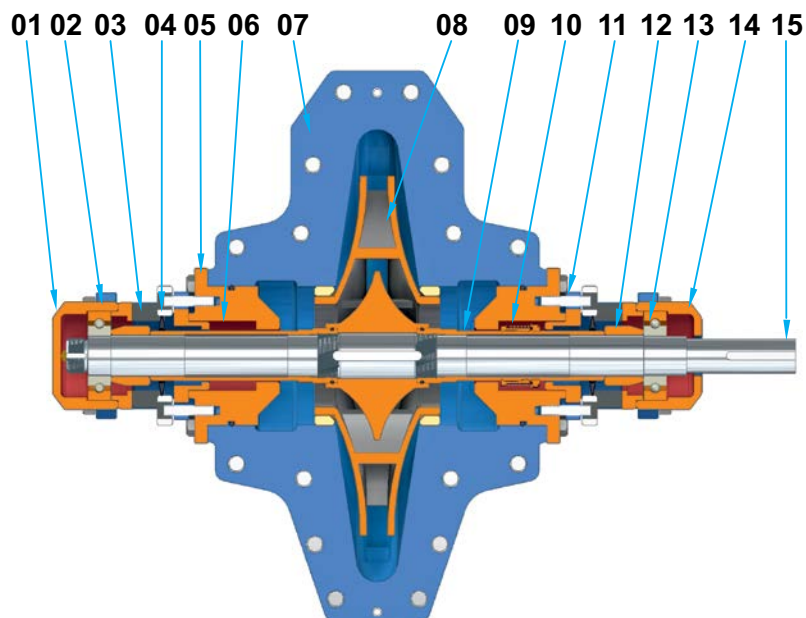
Flow rate upto 800 m³/hr
Maximum head 100 m

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

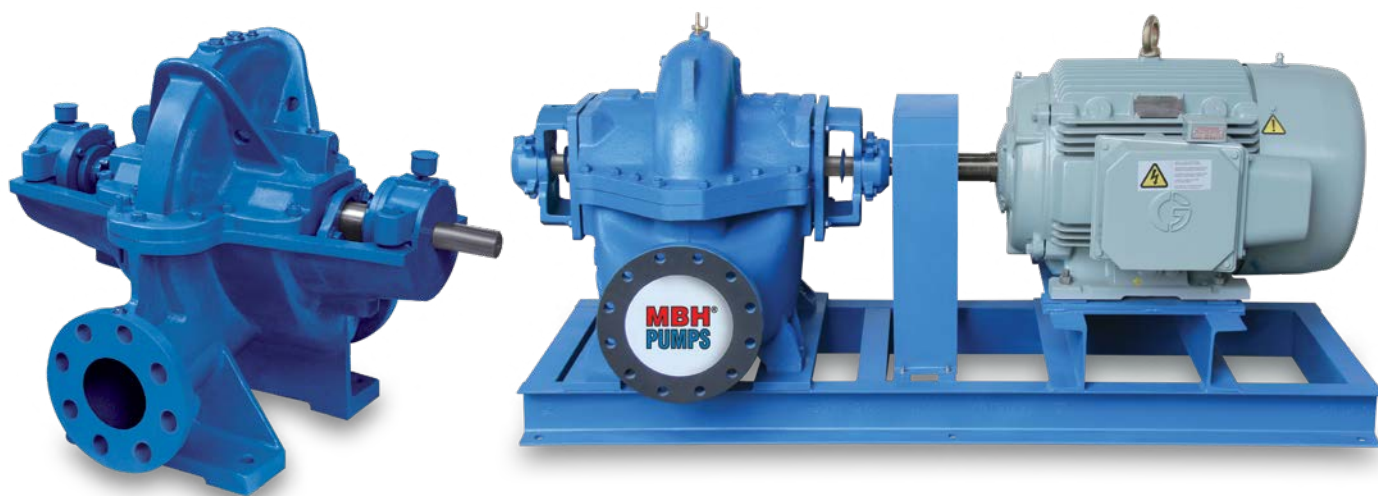


Horizontal Split Casing Pumps

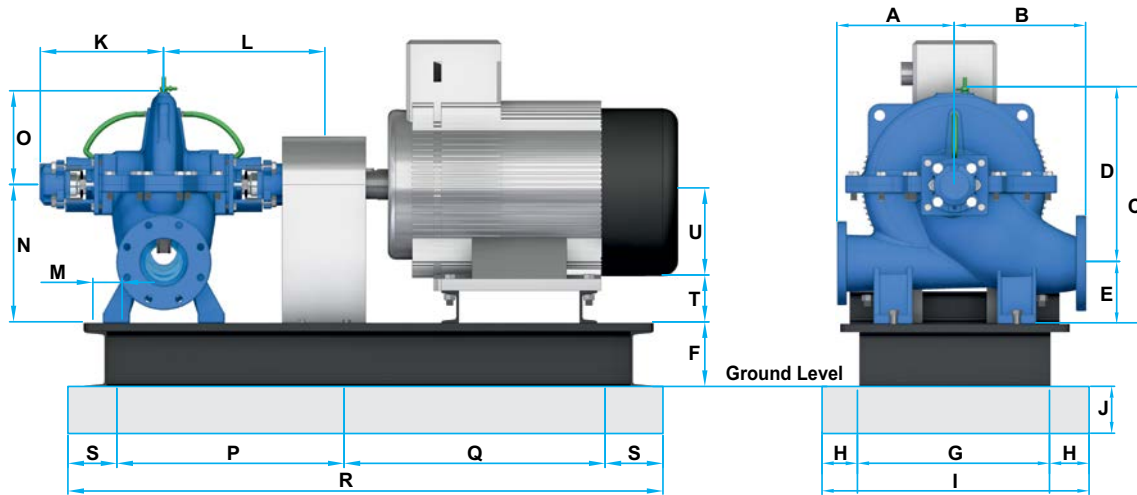
Cross Section



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		



GA Drawing


1450 RPM

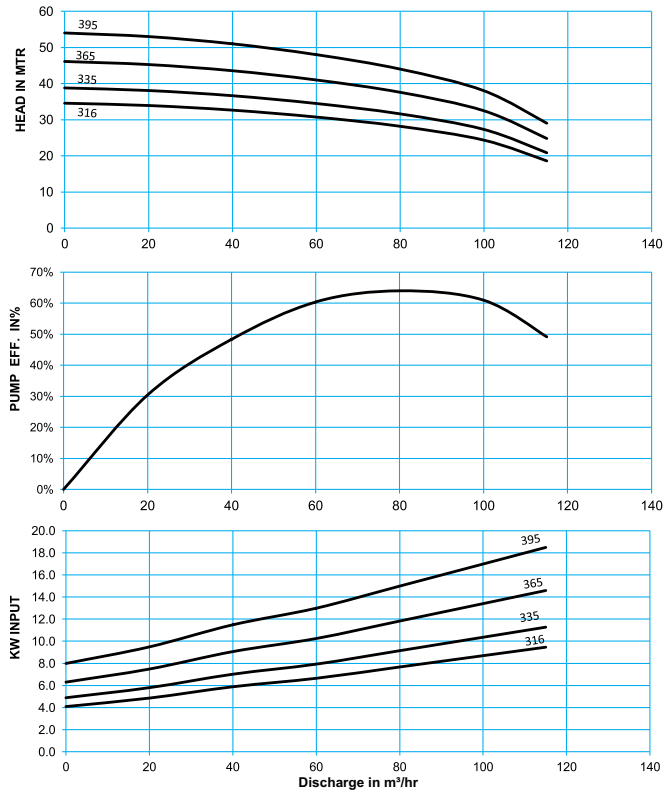
All Dimension are in mm

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
MBH H 65-80-316	12.5	160M	80	65	278	322	583	443	140	100	450	350	1160	450	322	370.5	171	300	268	613	613	1926	350	155	160
MBH H 65-80-335	15	160M	80	65	278	322	583	443	140	100	450	350	1160	450	322	370.5	171	300	268	613	613	1926	350	155	160
MBH H 65-80-365	20	160L	80	65	278	322	583	443	140	100	450	350	1160	450	322	370.5	171	300	268	635	635	1970	350	155	160
MBH H 65-80-395	25	180M	80	65	278	322	578	443	135	100	450	350	1160	450	322	370.5	171	300	268	646	646	1992	350	130	180
MBH H 80-100-310	20	160L	100	80	285	340	600	450	150	100	500	350	1200	450	322	370	159	325	274	613.5	613.5	1927	350	165	160
MBH H 80-100-320	20	160L	100	80	285	340	600	450	150	100	500	350	1200	450	322	370	159	325	274	613.5	613.5	1927	350	165	160
MBH H 80-100-350	25	180M	100	80	285	340	600	450	127	125	515	350	1215	450	322	370	159	330	274	643.5	643.5	1987	350	150	180
MBH H 80-100-370	30	180L	100	80	285	340	600	450	127	125	515	350	1215	450	322	370	159	330	274	624.5	624.5	1949	350	150	180
MBH M 100-150-260	15	160M	150	100	310	232	564	404	160	100	360	350	1060	450	321	480	201	320	244	583	583	1866	350	160	160
MBH M 100-150-275	20	160L	150	100	310	232	564	404	160	100	360	350	1060	450	321	480	201	320	244	605	605	1910	350	160	160
MBH M 100-150-290	20	160L	150	100	310	232	564	404	160	100	360	350	1060	450	321	480	201	320	244	605	605	1910	350	160	160
MBH M 100-150-302	25	180M	150	100	310	232	574	404	170	125	350	350	1050	450	321	480	201	330	244	616	616	1932	350	150	180
MBH H 100-150-305	30	180L	150	100	300	400	670	500	170	125	465	350	1165	450	386	480	202	380	290	732	732	2164	350	200	180
MBH H 100-150-330	40	200L	150	100	300	400	665	500	165	125	465	350	1165	450	386	480	202	375	290	766	766	2232	350	175	200
MBH H 100-150-360	50	225S	150	100	300	400	670	500	170	125	465	350	1165	450	386	480	202	380	290	826	826	2352	350	195	225
MBH M 125-150-250	20	160L	150	125	292	320	603	424	179	100	450	350	1150	450	318	374	114	350	238	621	621	1542	350	205	160
MBH M 125-150-260	20	160L	150	125	292	320	603	424	179	100	450	350	1150	450	318	374	114	350	238	621	621	1542	350	205	160
MBH M 125-150-275	25	180M	150	125	292	320	608	424	184	125	450	350	1150	450	318	374	114	350	238	632	632	1564	350	190	180
MBH M 125-150-290	30	180L	150	125	292	320	608	424	184	125	450	350	1150	450	318	374	114	350	238	651	651	1602	350	190	180
MBH H 125-150-320	40	200L	150	125	300	350	653	500	153	125	522	350	1222	450	385	480	200	375	277	755.5	755.5	2211	350	175	200
MBH H 125-150-340	50	225S	150	125	300	350	703	500	203	125	522	350	1222	450	385	480	200	360	277	800	800	2300	350	200	225
MBH H 125-150-360	60	225M	150	125	300	350	703	500	203	150	522	350	1222	450	385	480	200	360	277	800	800	2300	350	200	225
MBH H 125-150-380	75	250M	150	125	300	350	703	500	203	150	522	350	1222	450	385	480	200	360	277	841	841	2382	350	175	250
MBH HH 125-150-410	75	250M	150	125	339	372	720	536	184	150	520	350	1220	450	325	421	121	405	295	714	714	1728	350	175	250
MBH M 150-200-245	25	180M	200	150	319	371	738	524	214	125	460	350	1160	450	405	500	118	440	283	733	733	1766	350	275	180
MBH M 150-200-260	25	180M	200	150	319	371	738	524	214	125	460	350	1160	450	405	500	118	440	283	733	733	1766	350	275	180
MBH M 150-200-280	30	180L	200	150	319	371	738	524	214	125	460	350	1160	450	405	500	118	440	283	767	767	1834	350	275	180
MBH M 150-200-302	40	200L	200	150	319	371	748	524	224	125	460	350	1160	450	405	500	118	440	283	697	697	1694	350	265	200
MBH H 150-200-300	40	200L	200	150	310	410	680	500	180	125	480	350	1180	450	392	480	187	400	290	768.5	768.5	2237	350	200	200
MBH H 150-200-325	60	225M	200	150	310	410	680	500	180	150	530	350	1230	450	392	480	187	400	290	813.5	813.5	2327	350	175	225
MBH H 150-200-350	75	250M	200	150	310	410	680	500	180	150	600	350	1300	450	392	480	187	400	290	853.5	853.5	2407	350	150	250
MBH H 150-200-375	100	280S	200	150	310	410	680	500	180	150	670	350	1370	450	392	480	187	405	290	908.5	908.5	2517	350	125	280
MBH M 200-200-310	50	225S	200	200	350	480	730	530	200	125	605	350	1305	450	424	515	158	425	310	928	928	2526	350	200	225
MBH M 200-200-330	60	225M	200	200	350	480	730	530	200	150	605	350	1305	450	424	515	158	425	310	928	928	2526	350	200	225
MBH M 200-200-355	75	250M	200	200	350	480	730	530	200	150	605	350	1305	450	424	515	158	425	310	886.5	886.5	2473	350	175	250
MBH H 200-200-350	75	250M	200	200	350	480	730	530	200	150	605	350	1305	450	424	515	158	450	310	886.5	886.5	2473	350	200	250
MBH H 200-200-378	100	280S	200	200	350	480	725	530	195	150	605	350	1305	450	424	515	158	420	310	941.5	941.5	2583	350	140	280

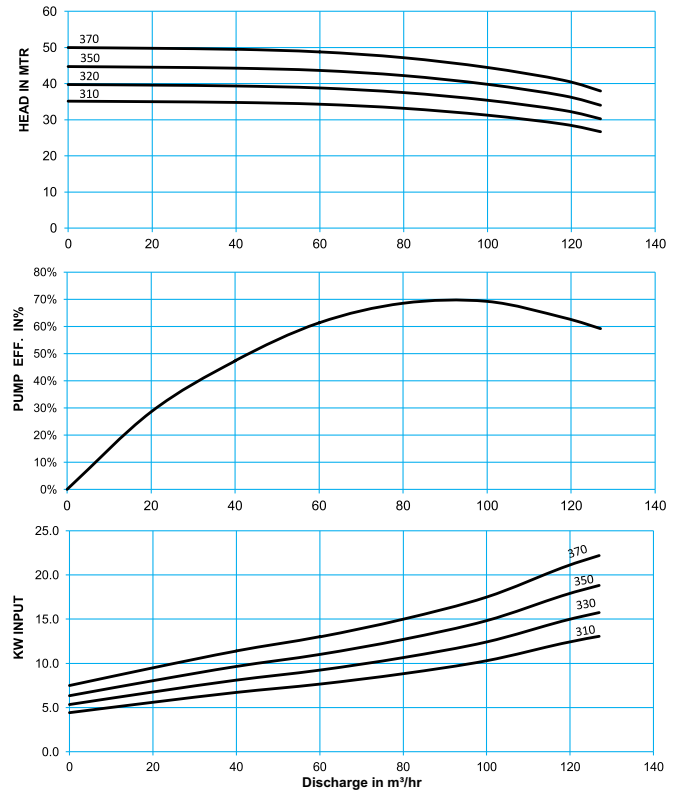
Horizontal Split Casing Pumps

Performance Curves • 1450 RPM

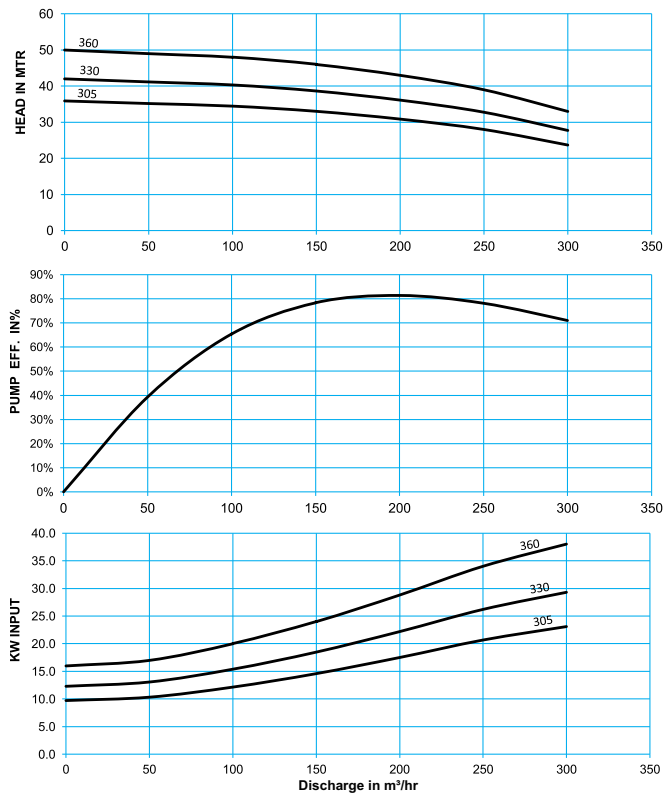
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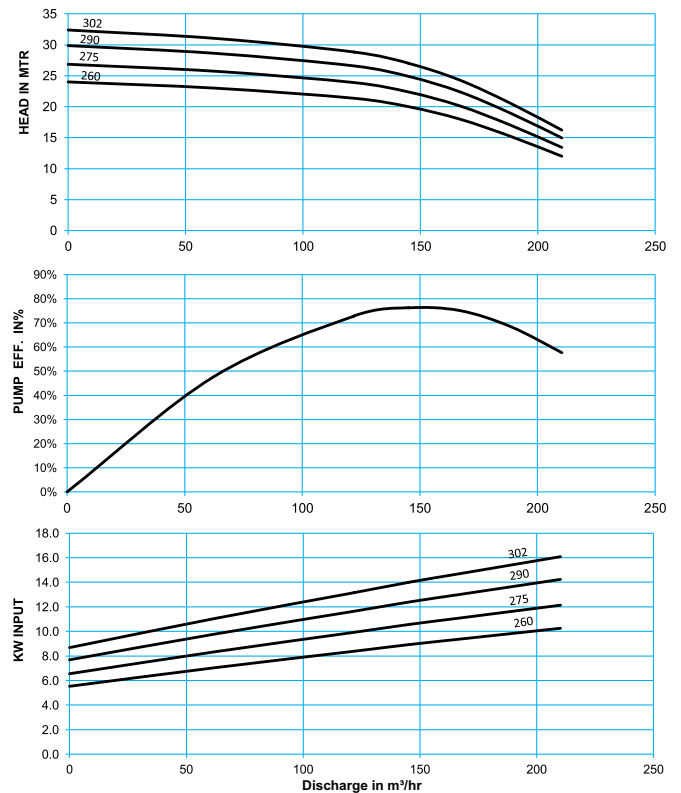
Model : MBH-H-80-100



Model : MBH-H-100-150



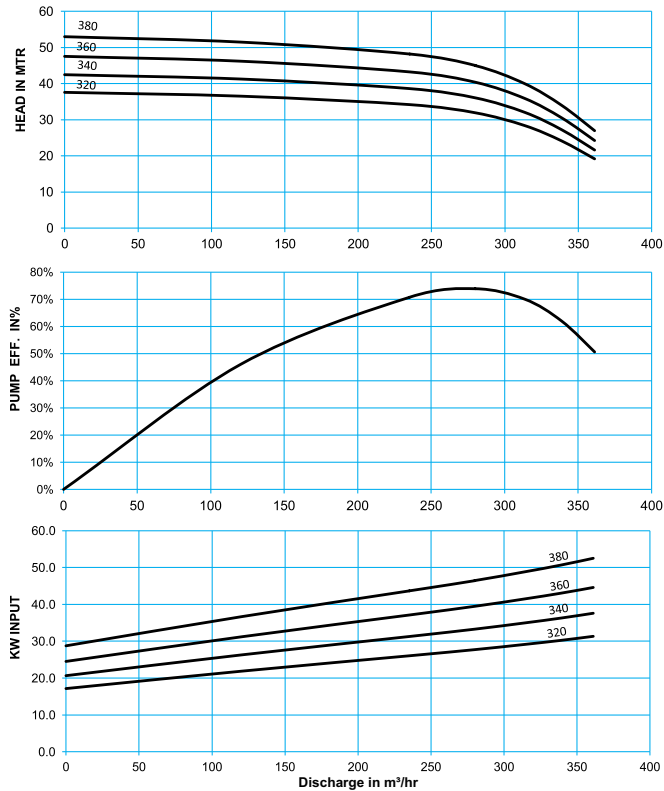
Model : MBH-M-100-150



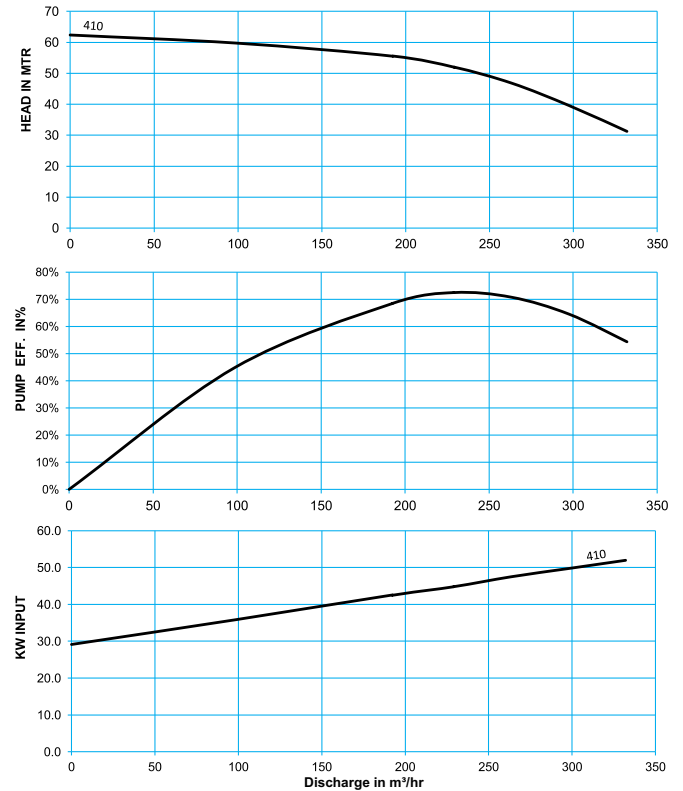
Horizontal Split Casing Pumps

Performance Curves • 1450 RPM

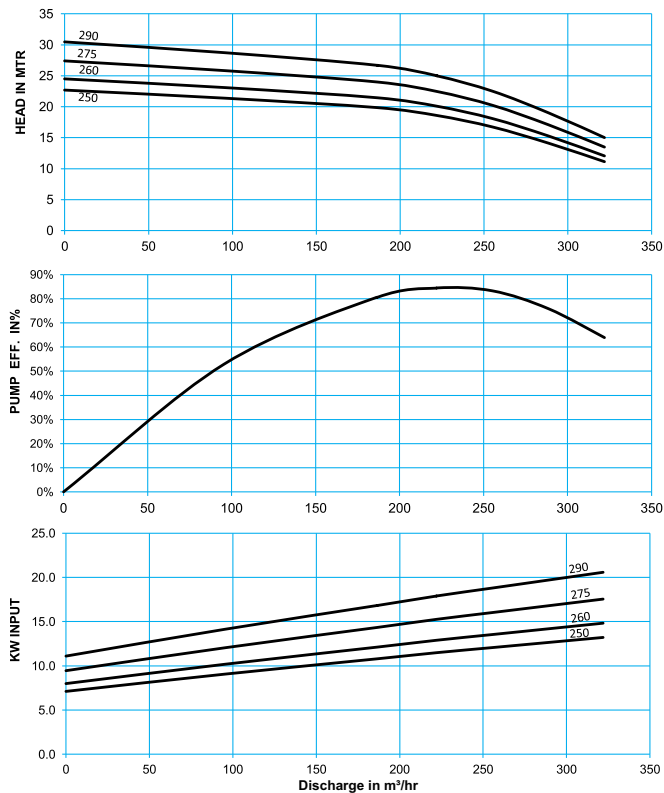
Model : MBH-H-125-150



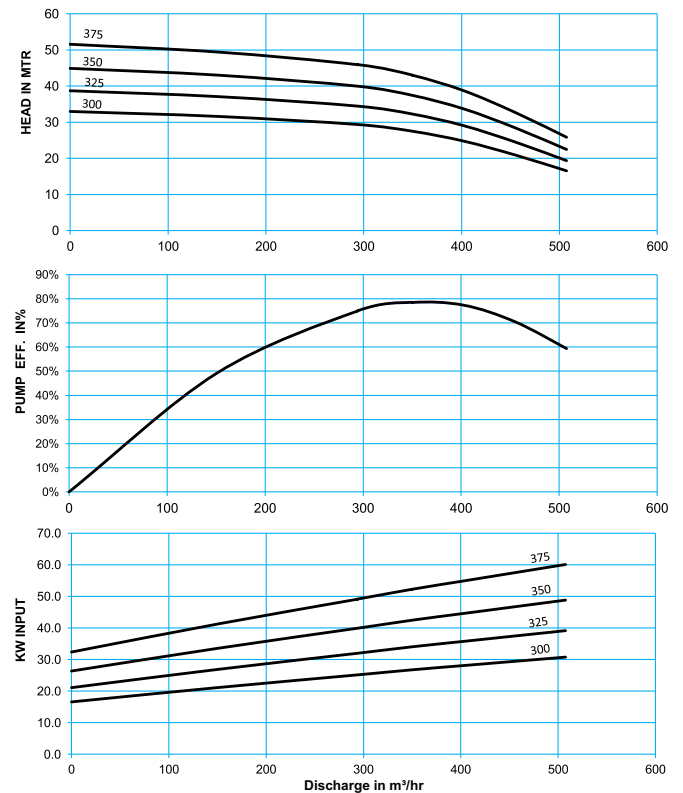
Model : MBH-HH-125-150



Model : MBH-M-125-150



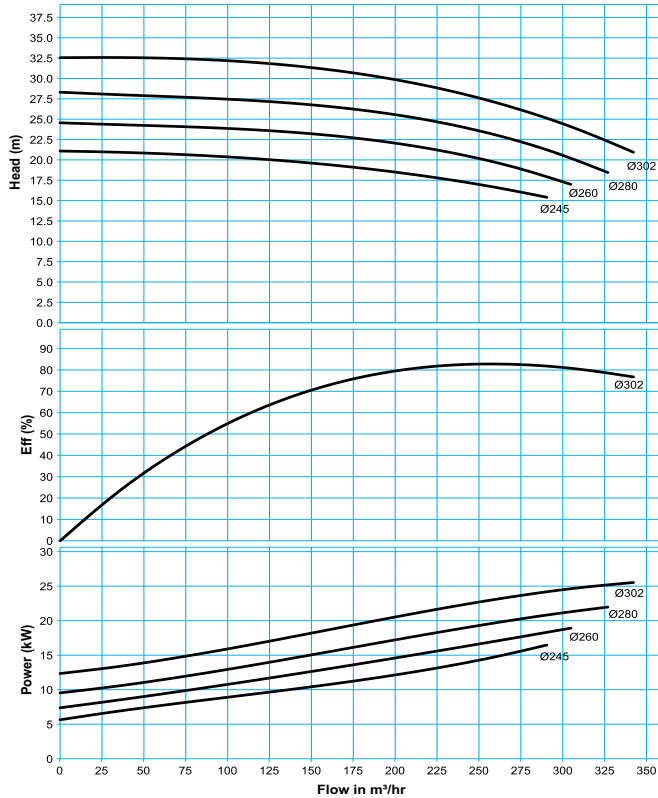
Model : MBH-H-150-200



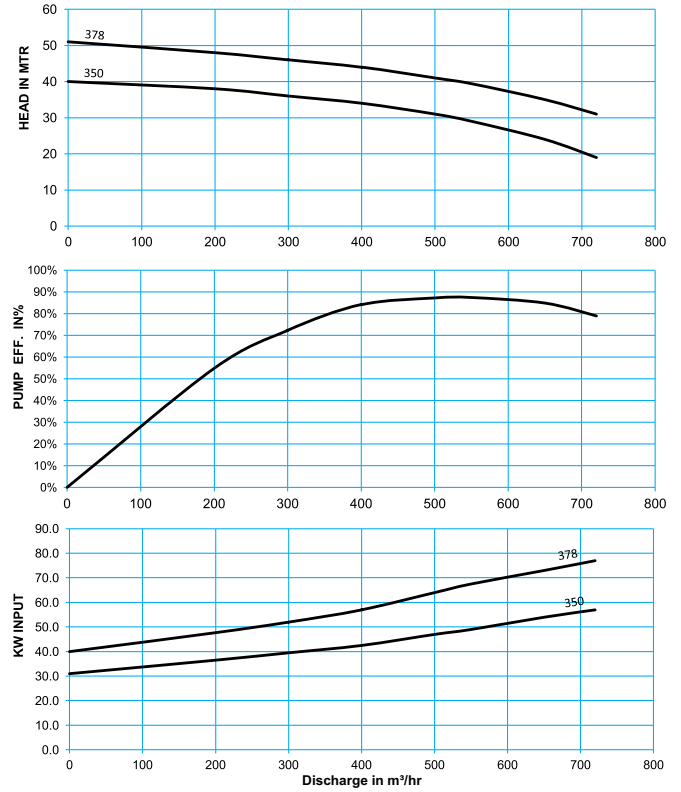
Horizontal Split Casing Pumps

Performance Curves • 1450 RPM

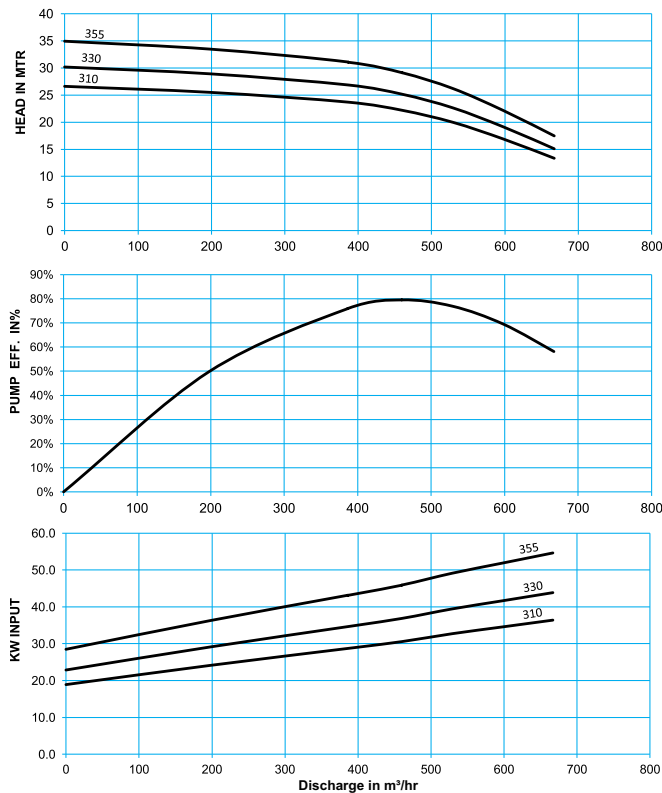
Model : MBH-M-150-200



Model : MBH-H-200-200



Model : MBH-M-200-200



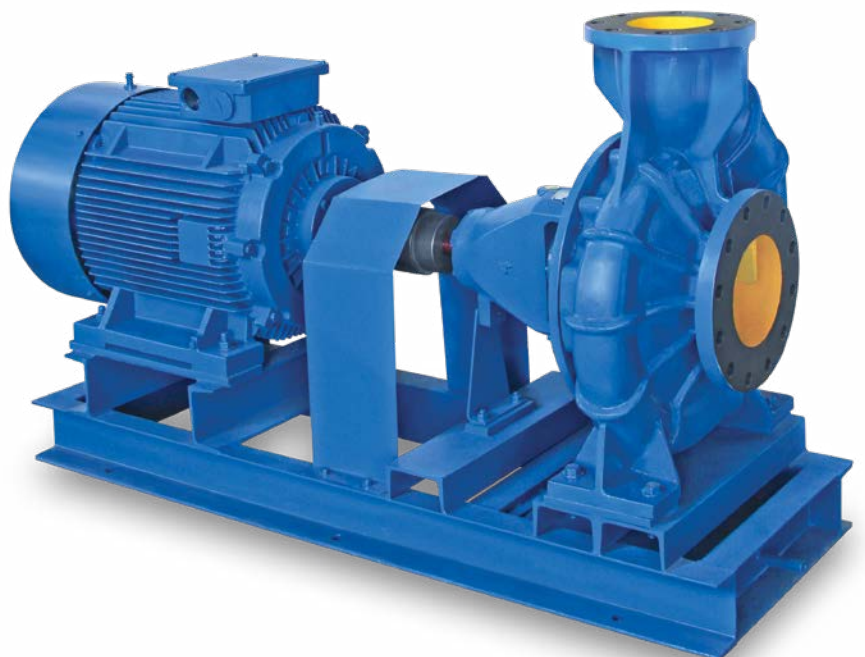


*Versatile, really robust
and definitely reliable*

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

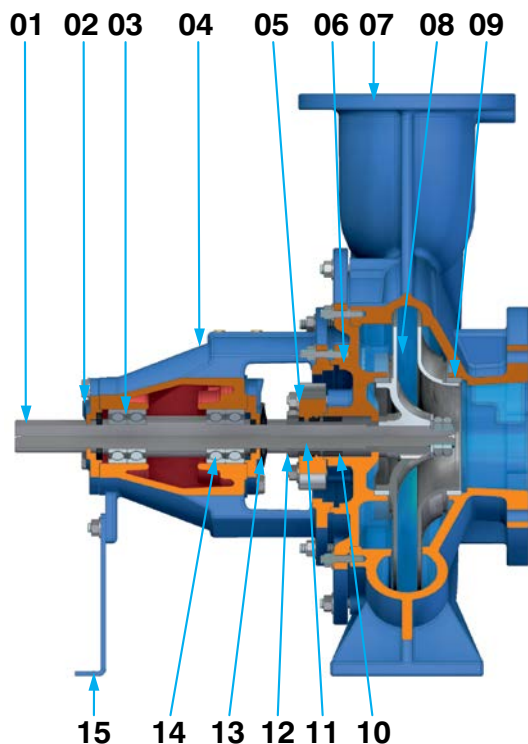
Flow rate upto 600 m³/hr
Maximum head 102 m

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



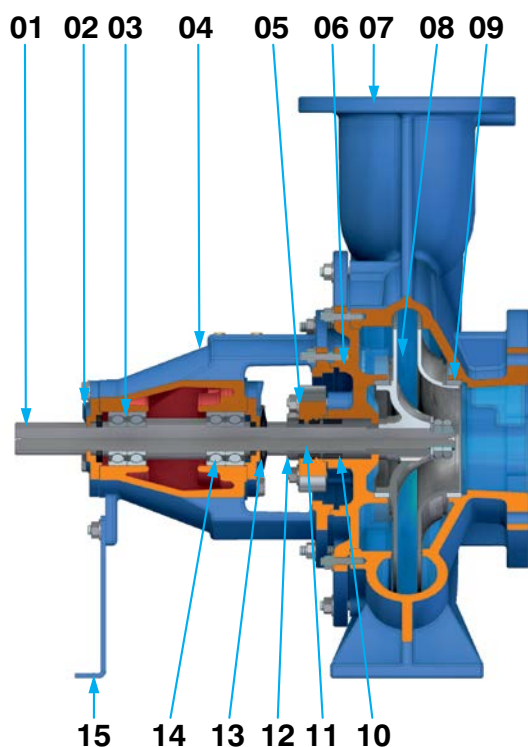
Centrifugal Backpull Out Pumps

Cross Section with Mech. Seal



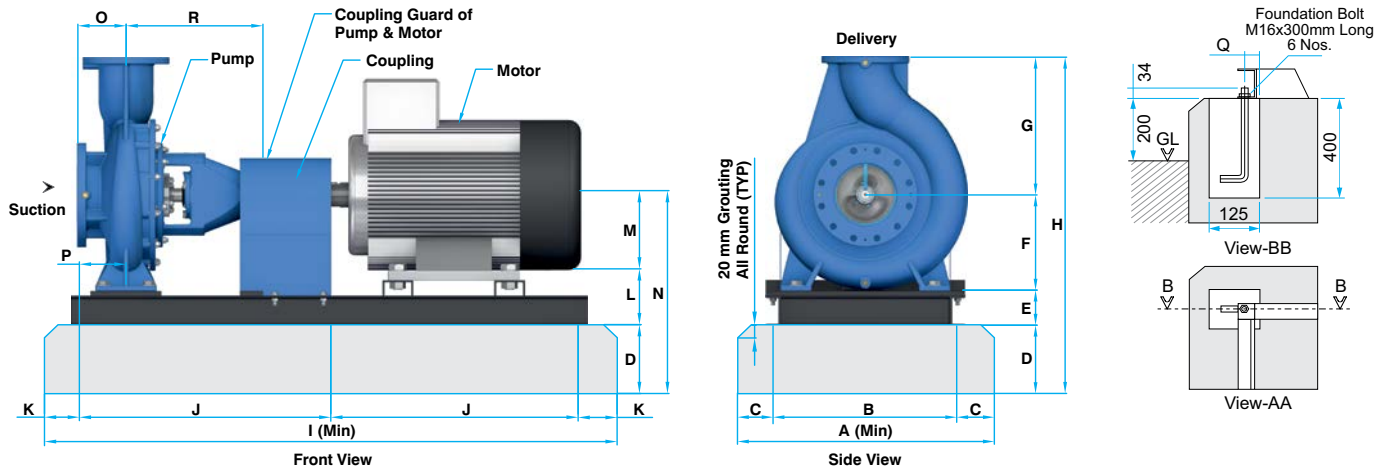
NO.	DESCRIPTION	MATERIAL
1	PUMP SHAFT	S.S. 410
2	BEARING COVER	C.I. IS-210 FG-260
3	BALL BEARING (N.D.E.)	FAG.(GREASE LUB.)
4	BEARING HOUSING	C.I. IS-210, FG260
5	SEAL COVER	C.I. / S.S. IS-210, FG260
6	STUFFING BOX COVER	C.I. / S.S. IS-210, FG260
7	VOLUTE CASING	C.I. / S.S. IS-210, FG260
8	IMPELLER	C.I. / 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



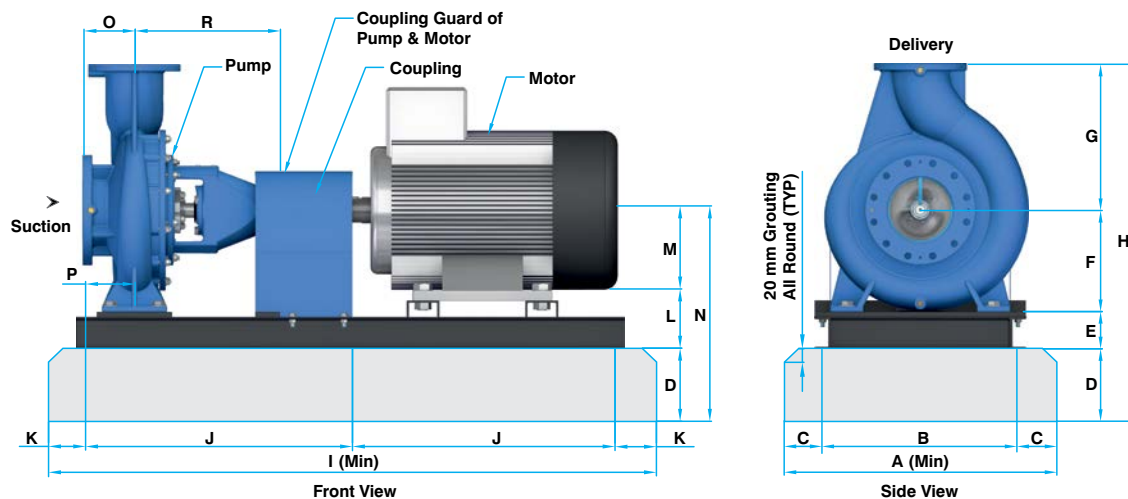
1450 RPM

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 FRAME 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
	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
65/16	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
	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
80/16	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
	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
32/20	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
	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



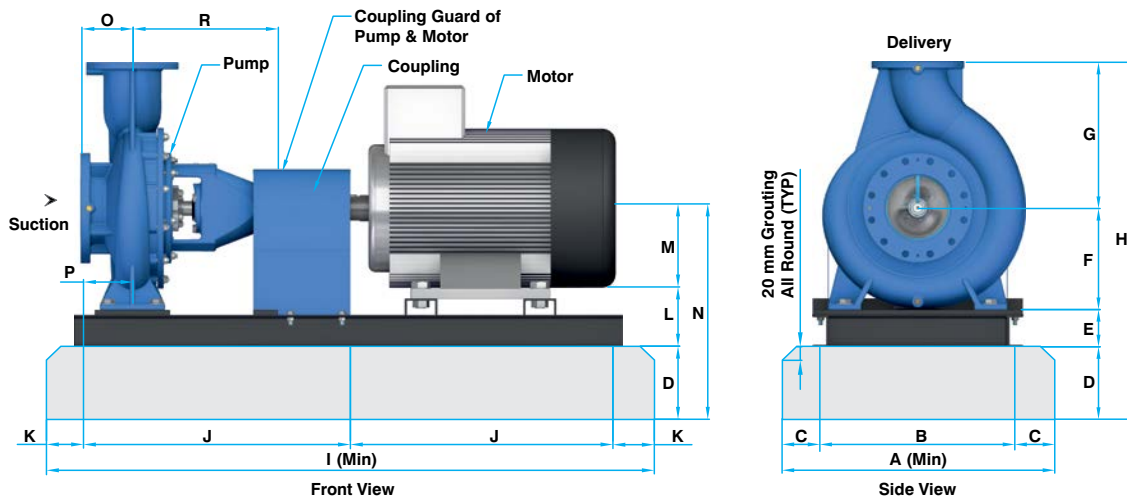
1450 RPM

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 FRAME 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

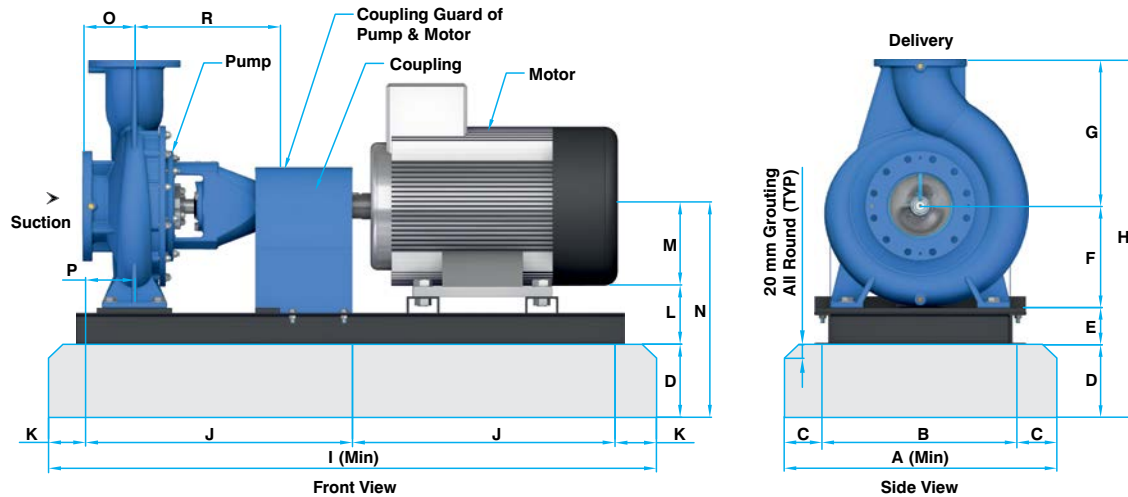


1450 RPM

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 FRAME 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



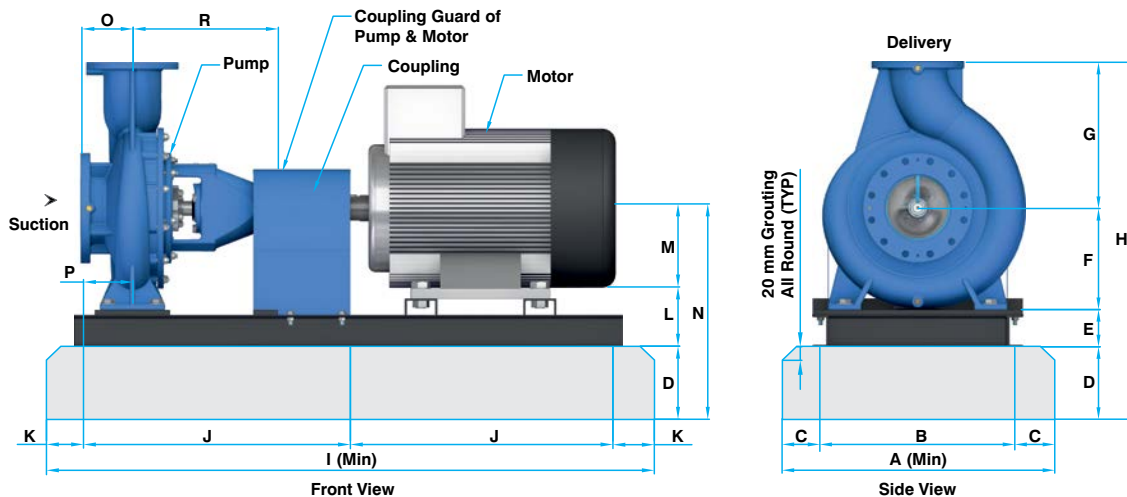
1450 RPM

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 FRAME 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

Centrifugal Backpull Out Pumps

GA Drawing



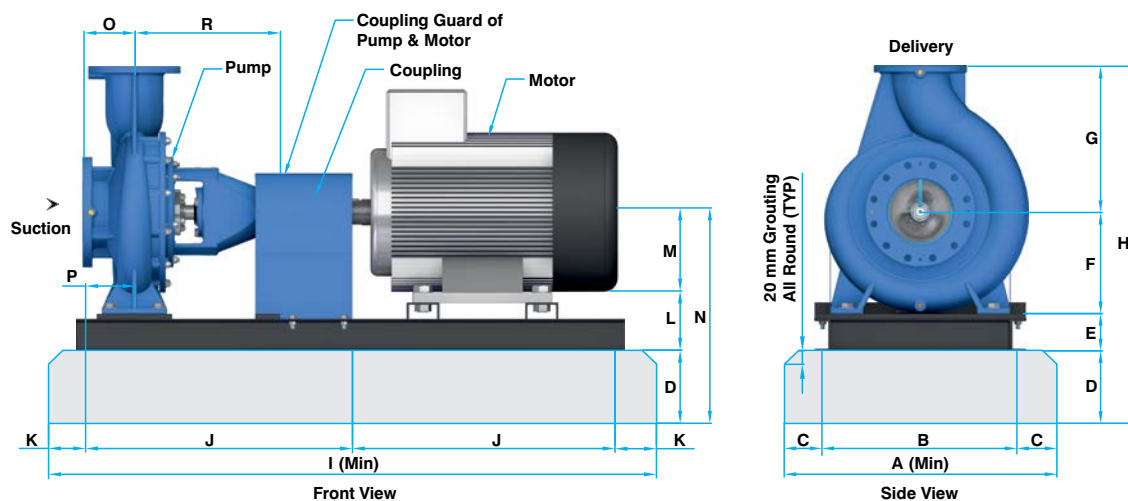
2900 RPM

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 FRAME 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	602	302	150	450	85	132	160	827	1194	447	150	85	132	667	100	80	50	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	602	302	150	450	87	160	180	877	1194	447	150	115	132	697	100	82	50	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	598	298	150	450	87	160	180	877	1224	462	150	115	132	697	100	80	50	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	646	346	150	450	85	160	180	875	1330	515	150	85	160	695	100	80	50	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	626	326	150	450	87	160	200	897	1198	449	150	115	132	697	100	82	50	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	646	346	150	450	85	160	200	895	1334	517	150	85	160	695	100	82	50	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	666	366	150	450	85	180	225	940	1382	541	150	105	160	715	125	105	50	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

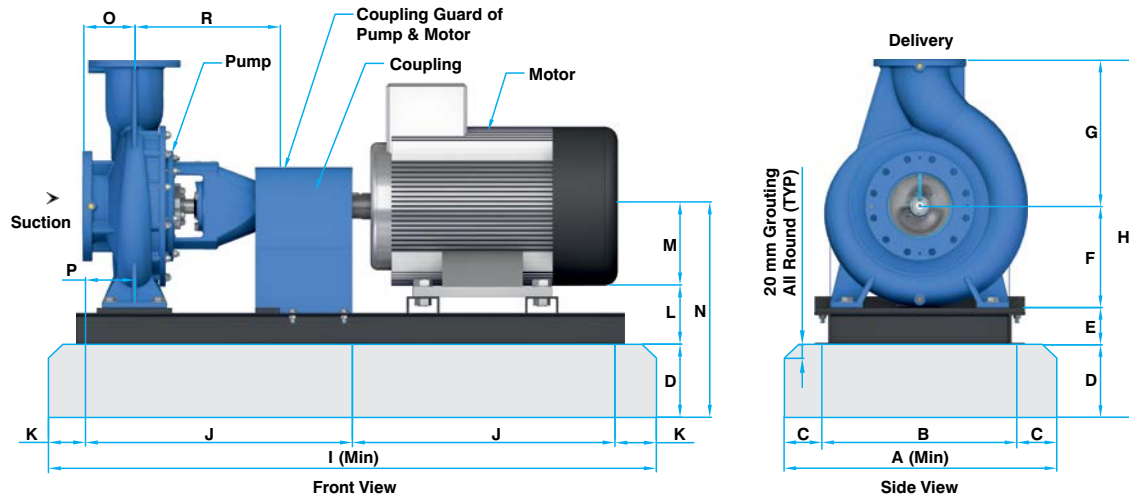


2900 RPM

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 FRAME 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
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
50/20	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

GA Drawing



2900 RPM

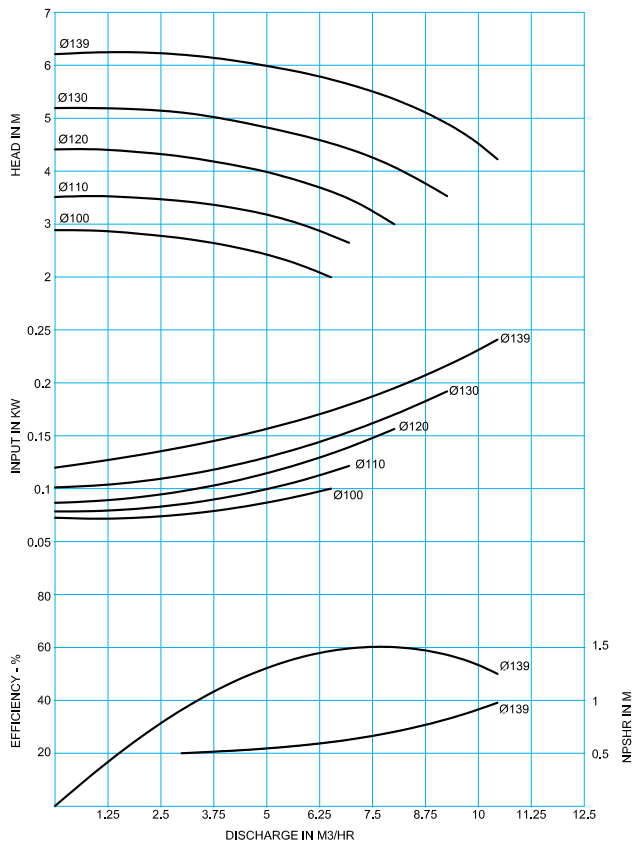
All Dimension are in mm

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 FRAME 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

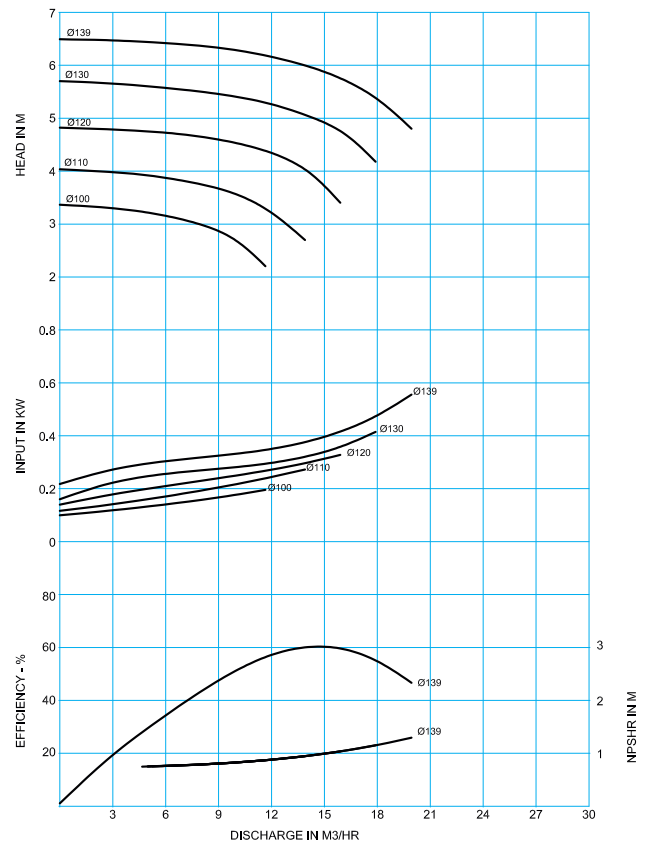
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

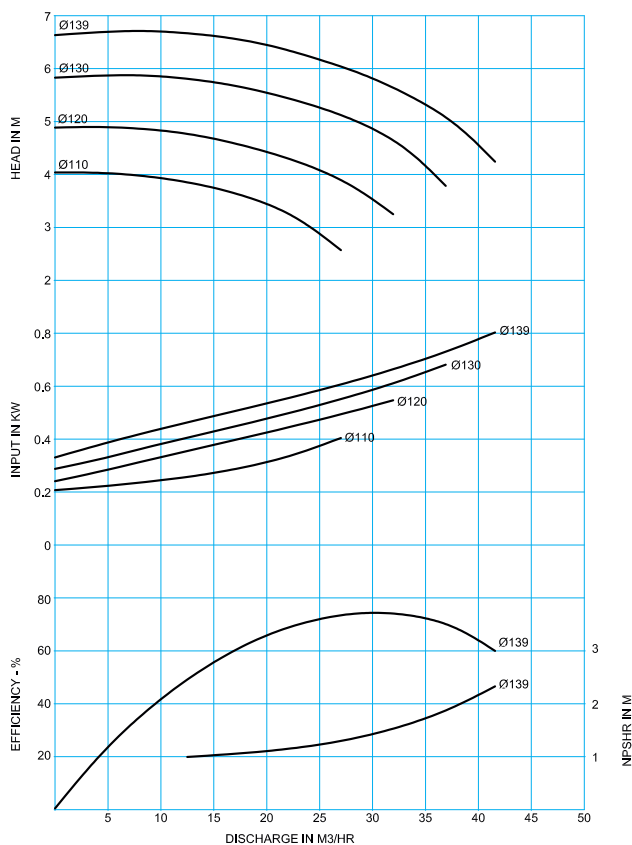
Model : 32-13



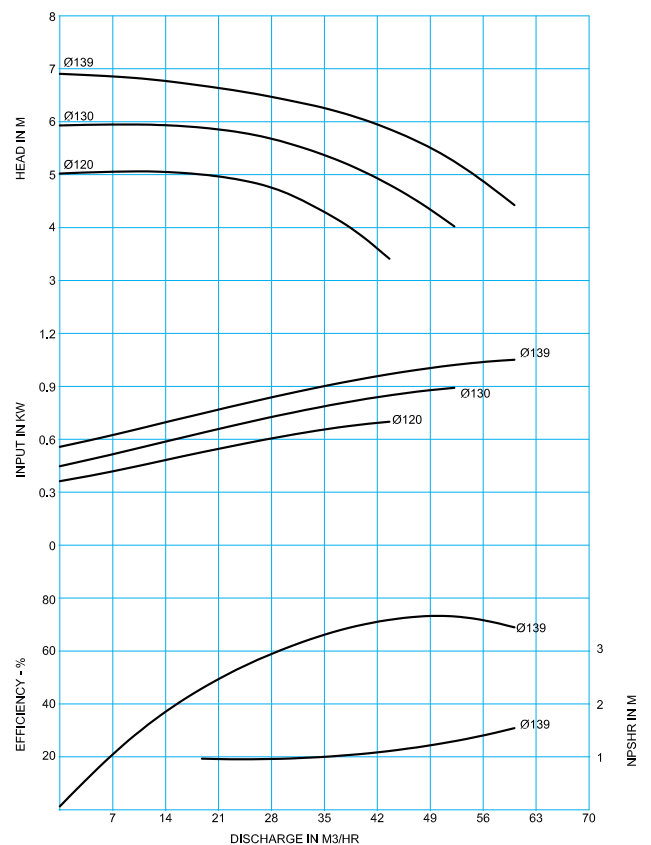
Model : 40-13



Model : 50-13



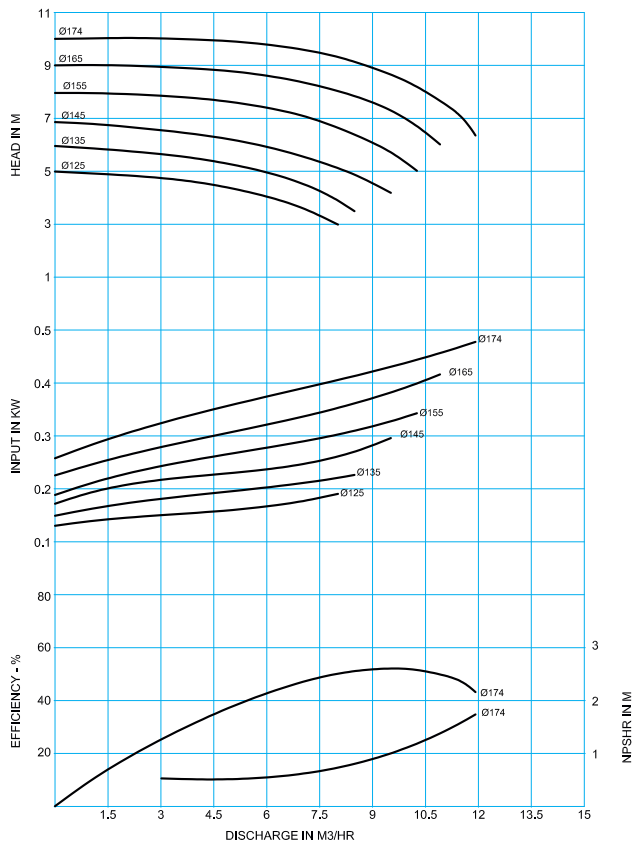
Model : 65-13



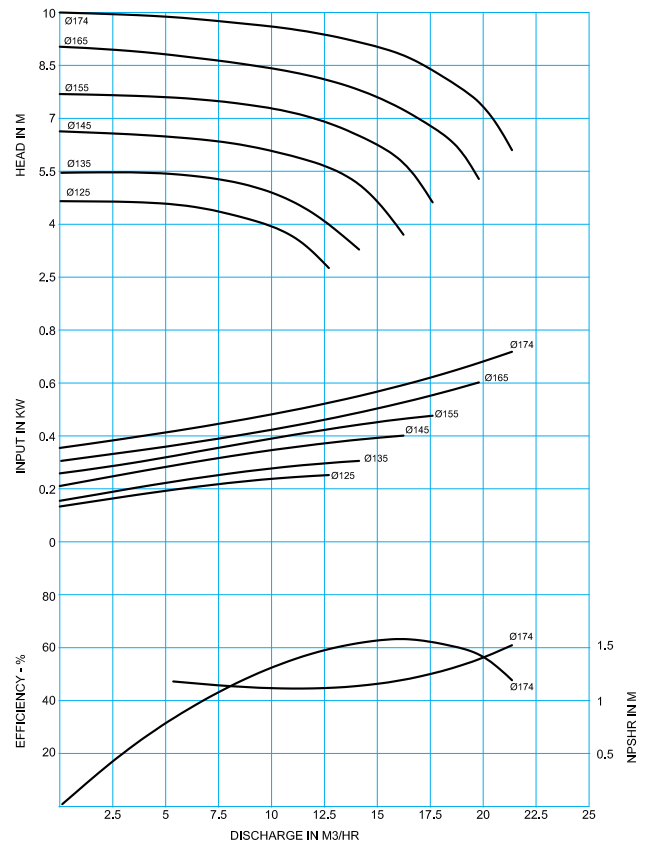
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

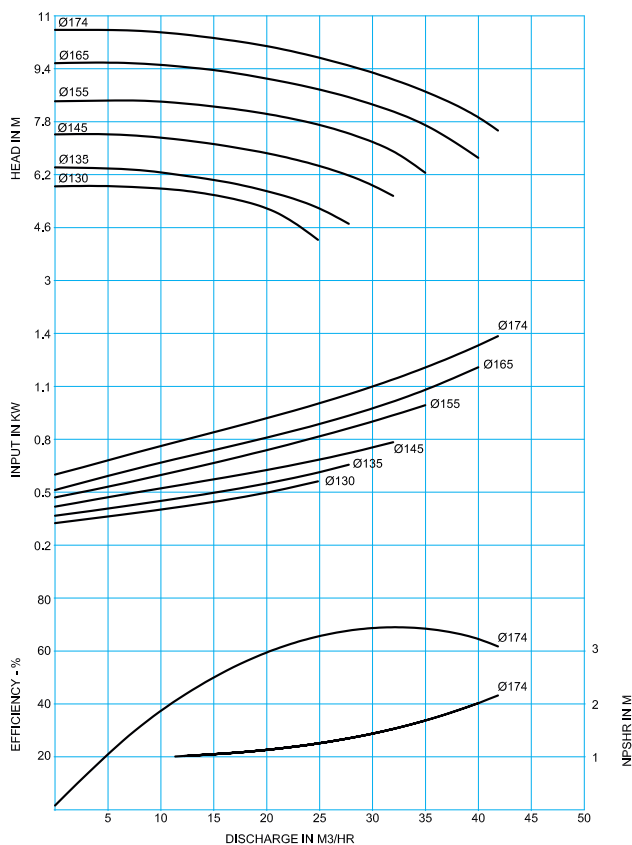
Model : 32-16



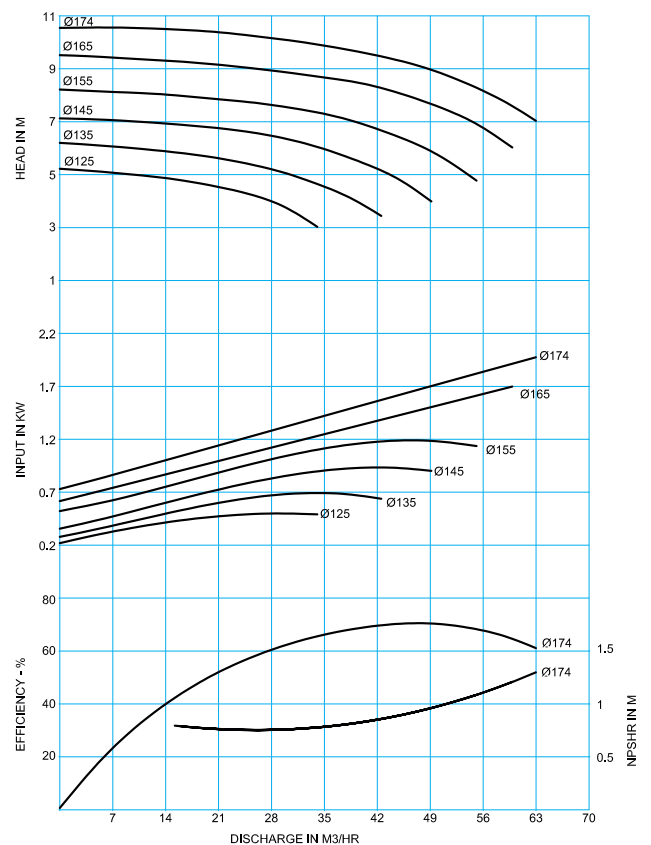
Model : 40-16



Model : 50-16



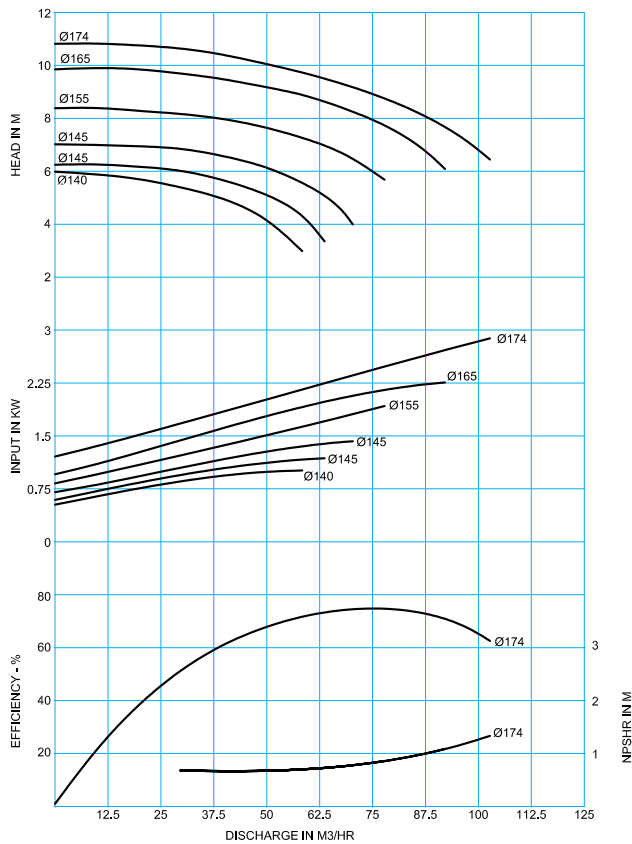
Model : 65-16



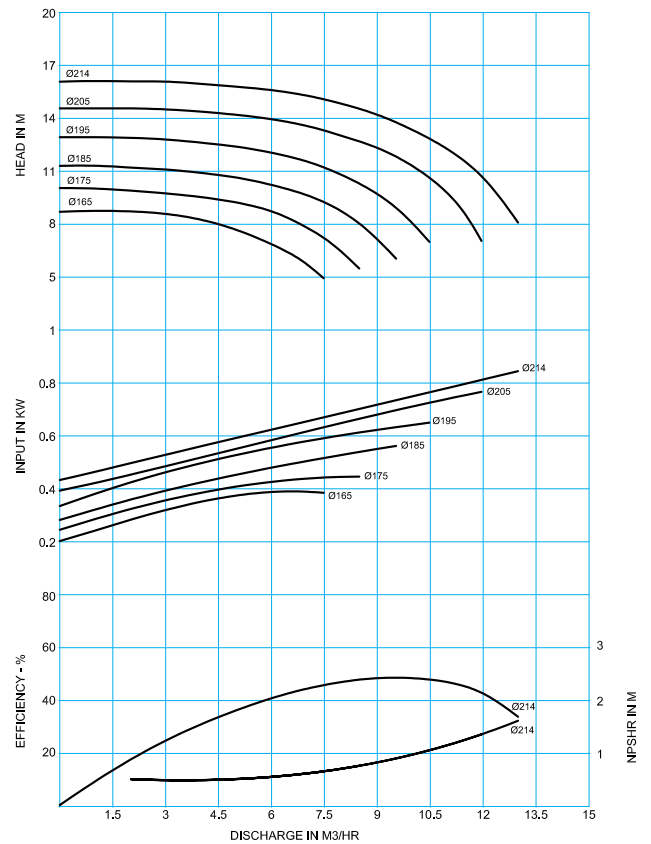
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

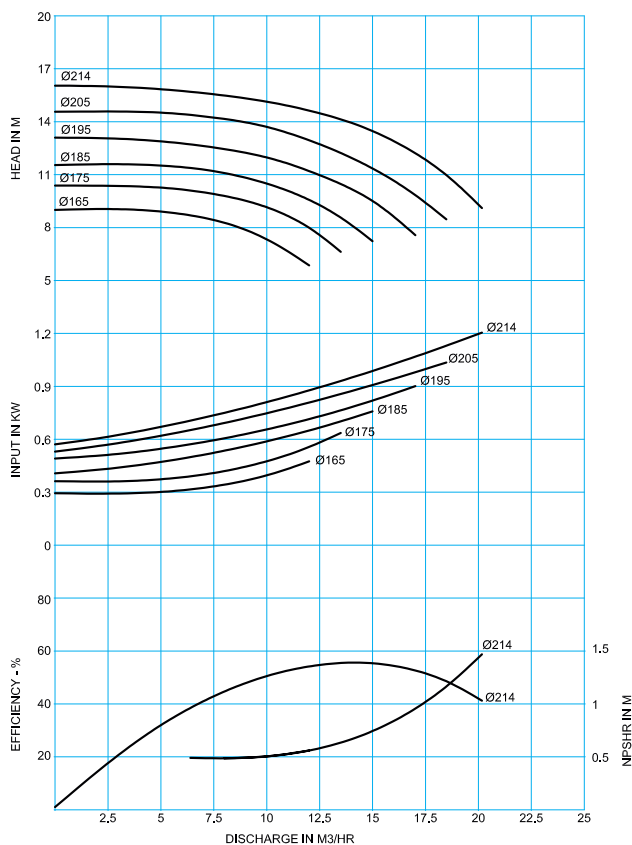
Model : 80-16



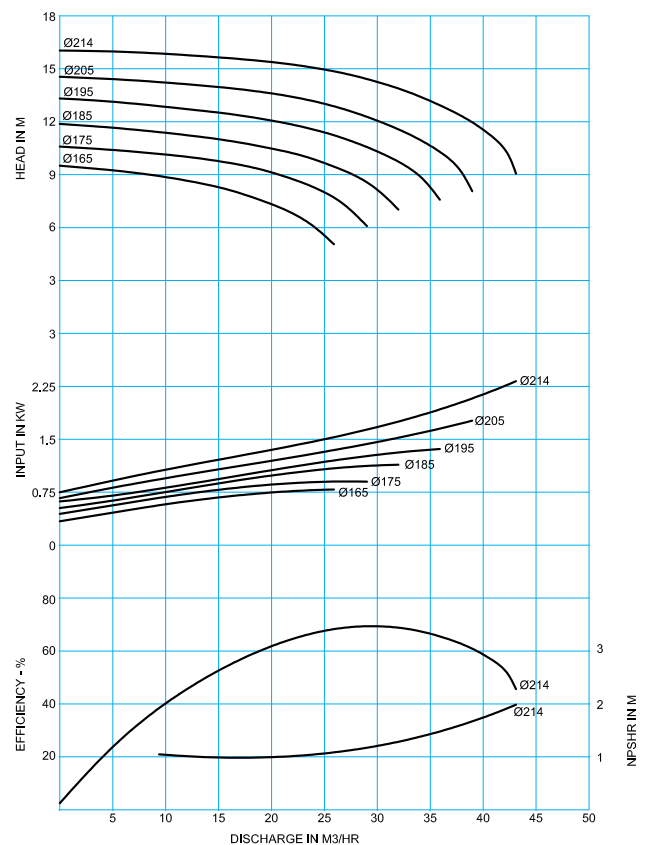
Model : 32-20



Model : 40-20



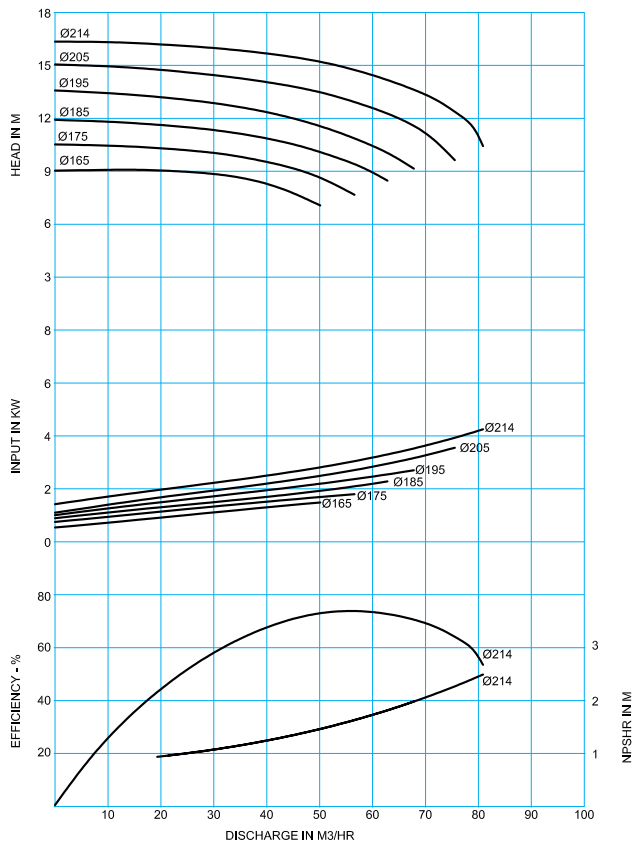
Model : 50-20



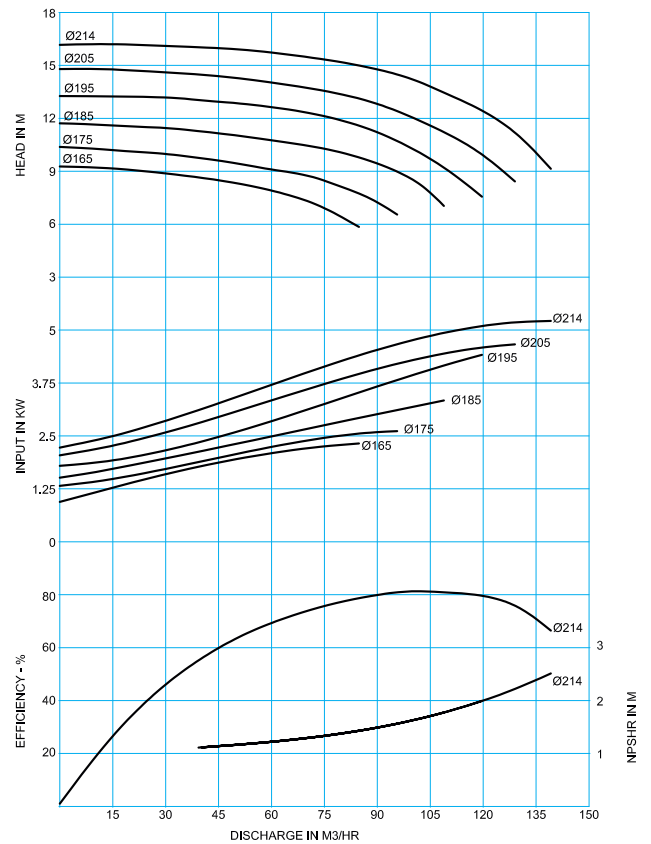
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

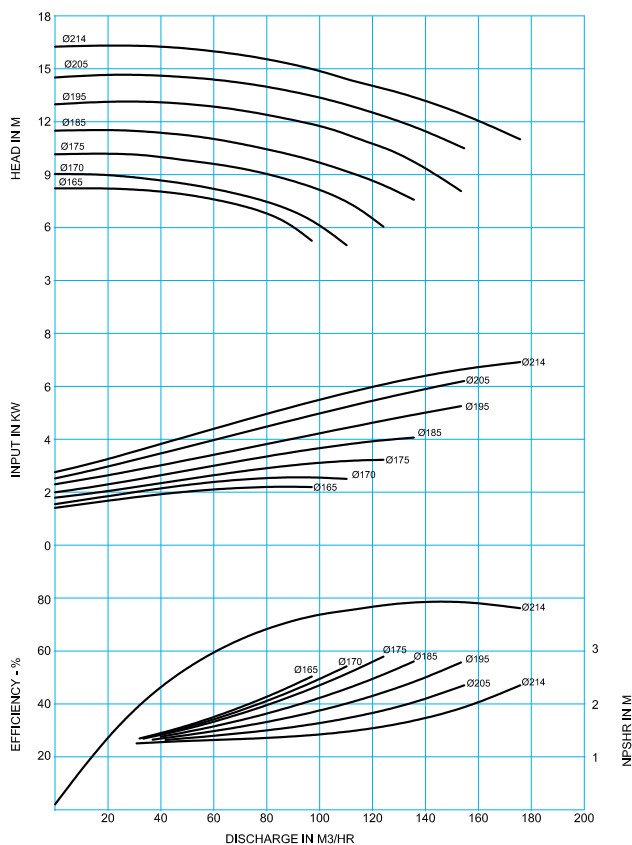
Model : 65-20



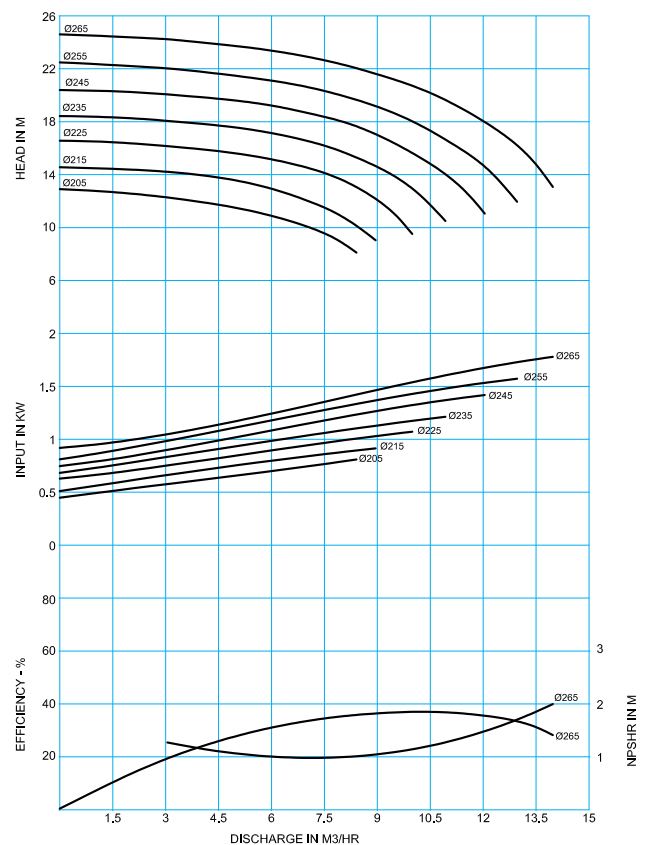
Model : 80-20



Model : 100-20

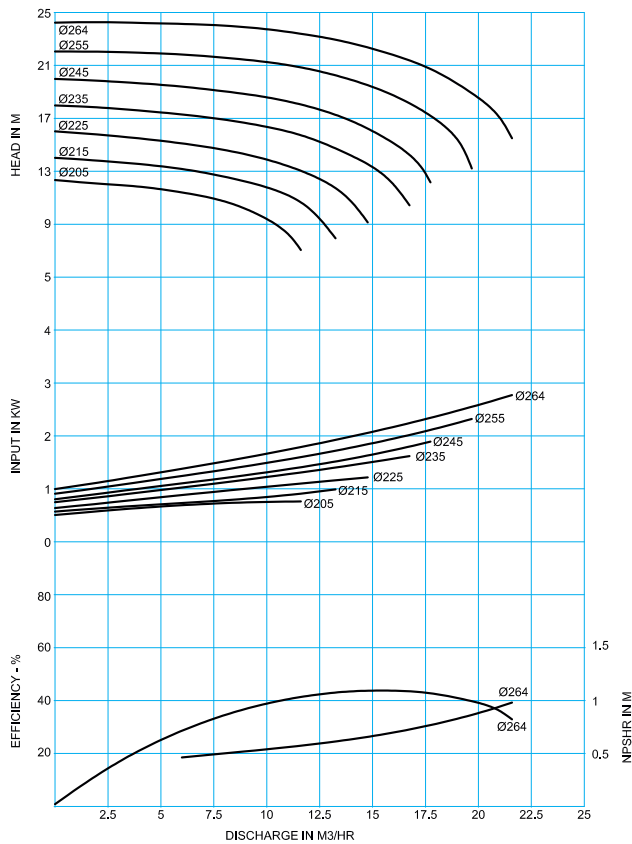


Model : 32-26

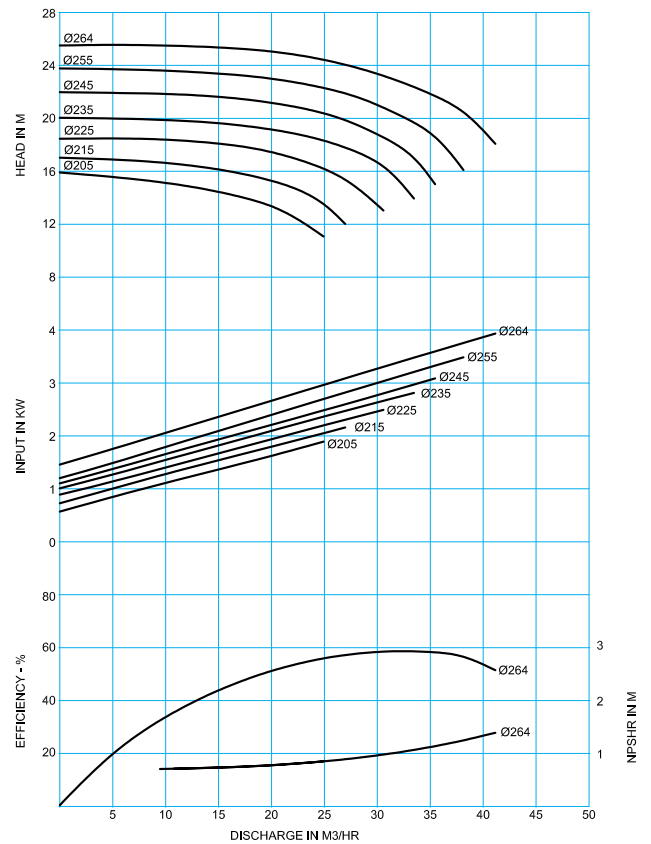


Performance Curves • 1450 RPM

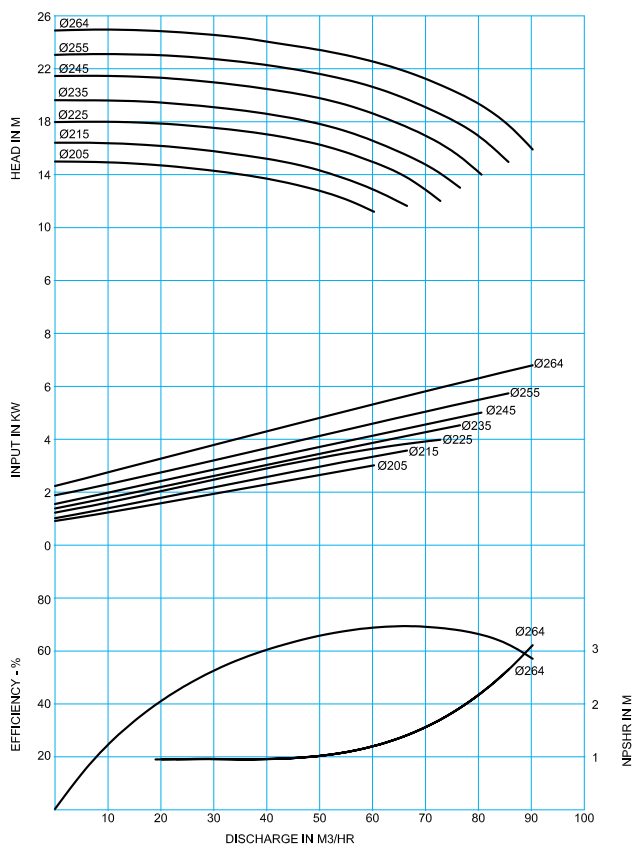
Model : 40-26



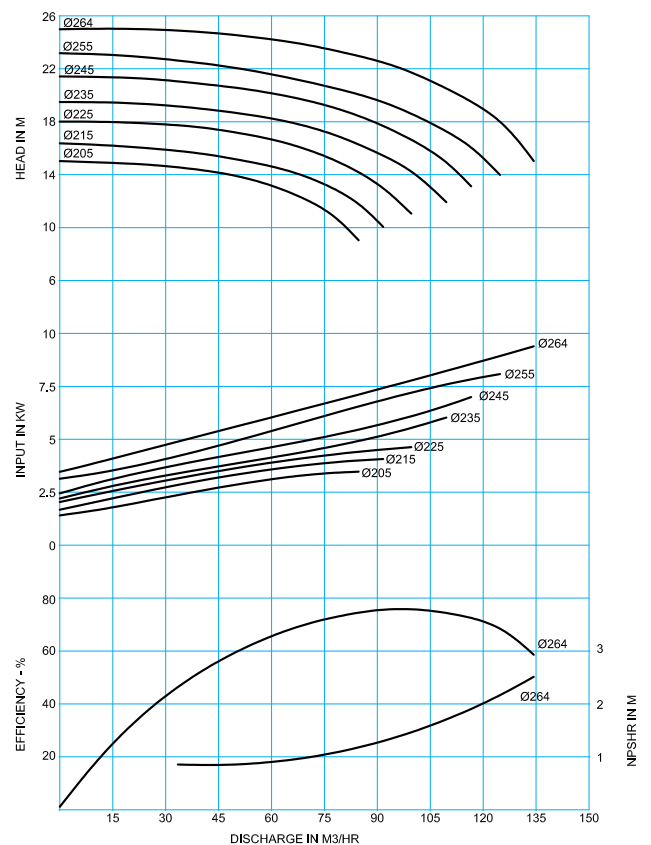
Model : 50-26



Model : 65-26



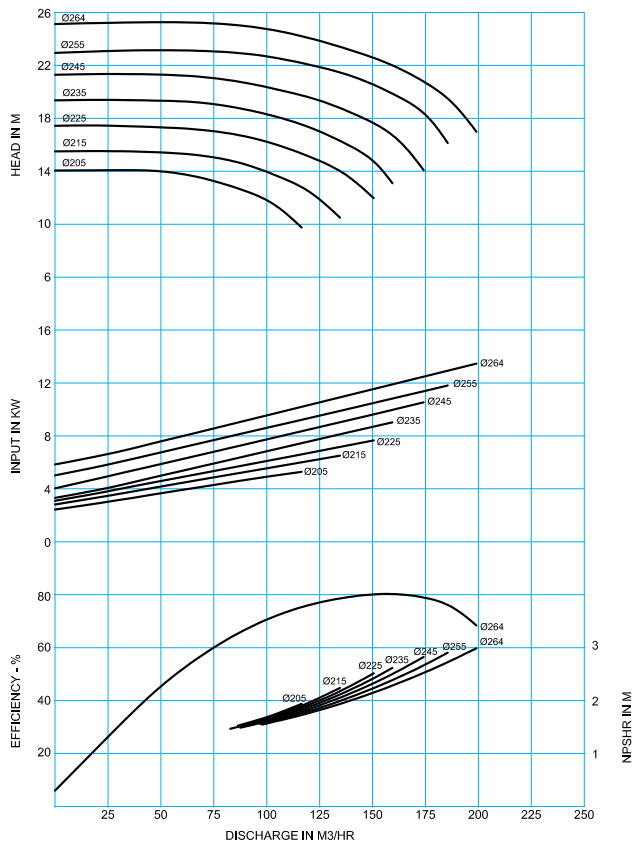
Model : 80-26



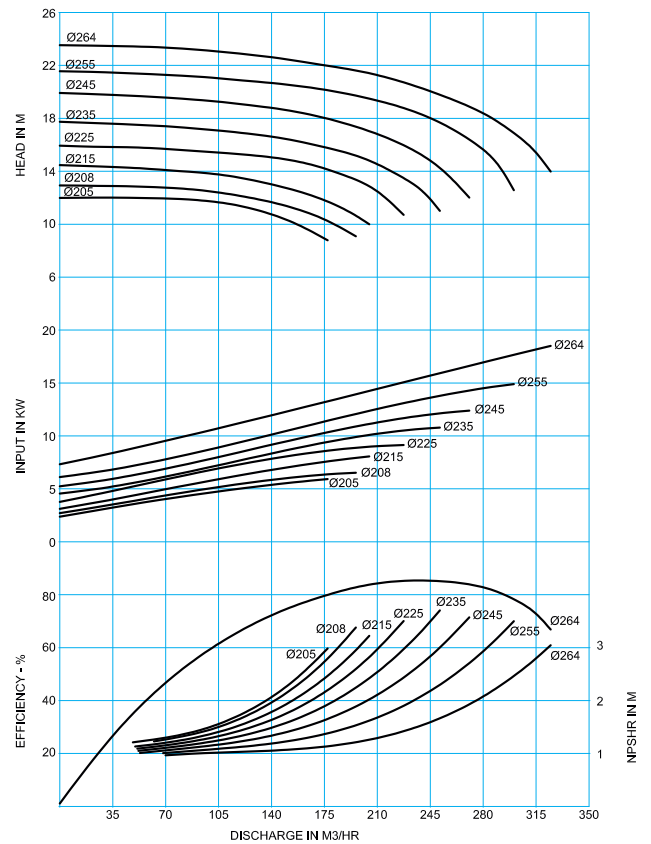
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

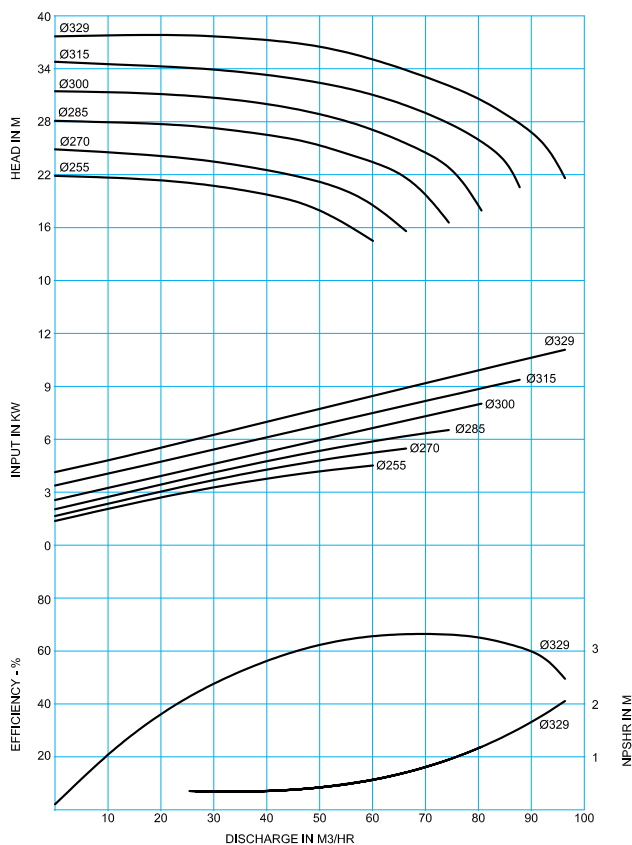
Model : 100-26



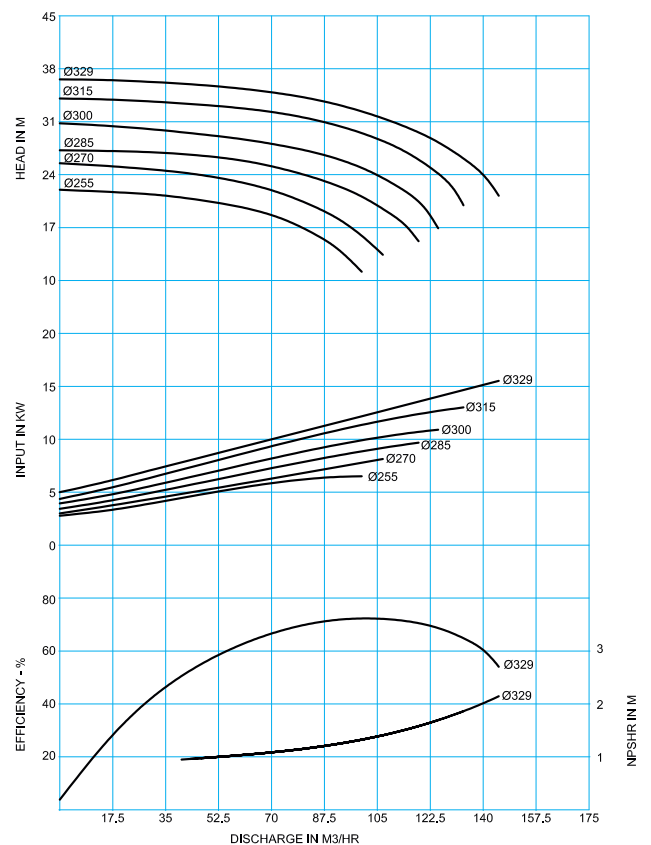
Model : 125-26



Model : 65-32



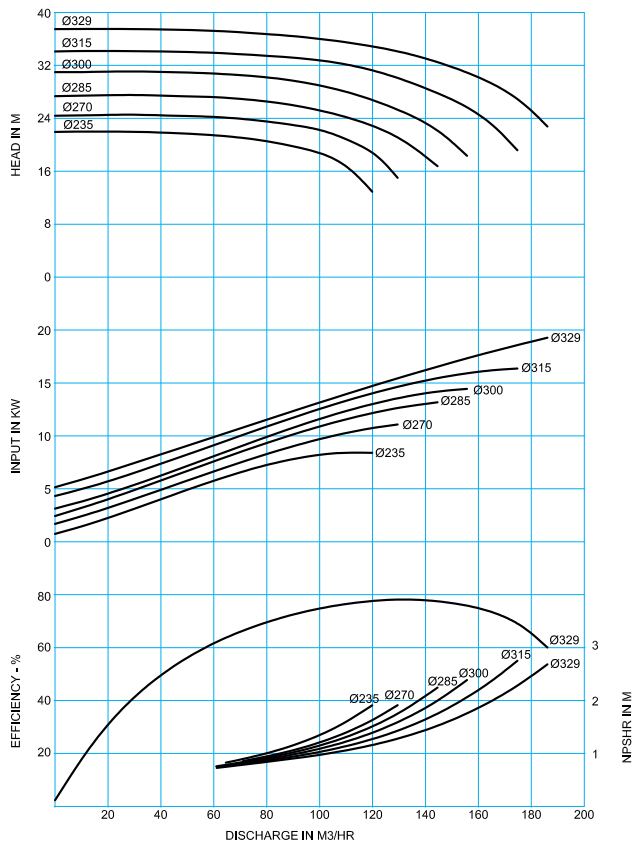
Model : 80-32



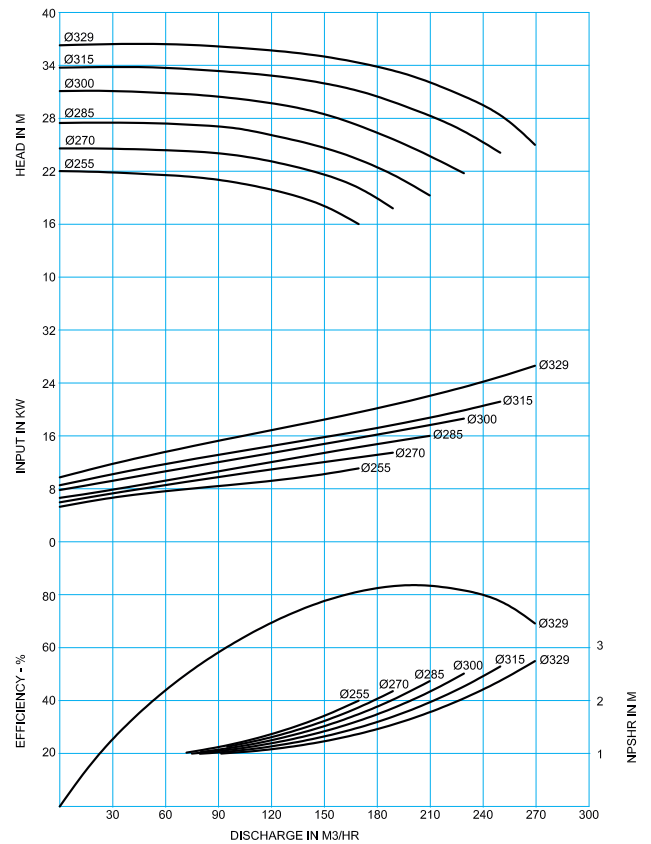
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

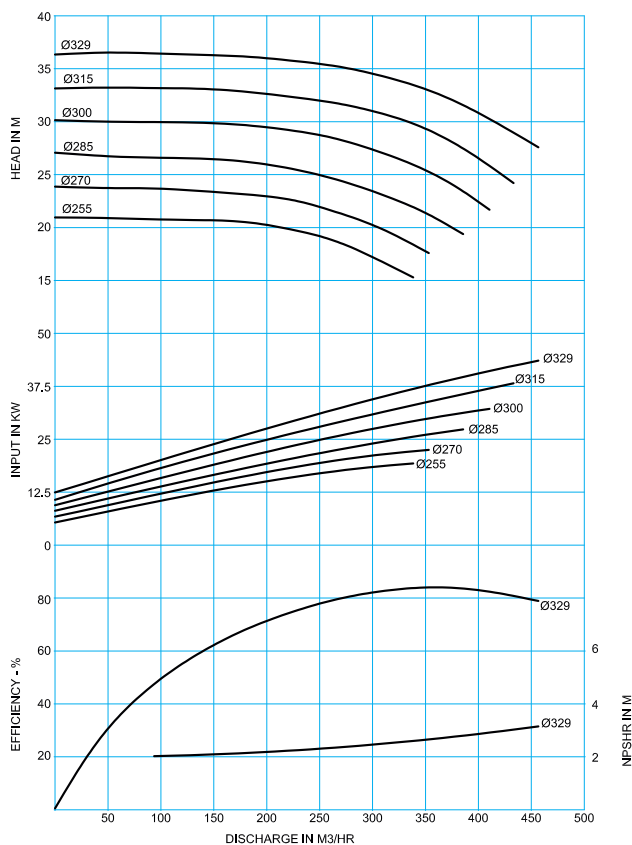
Model : 100-32



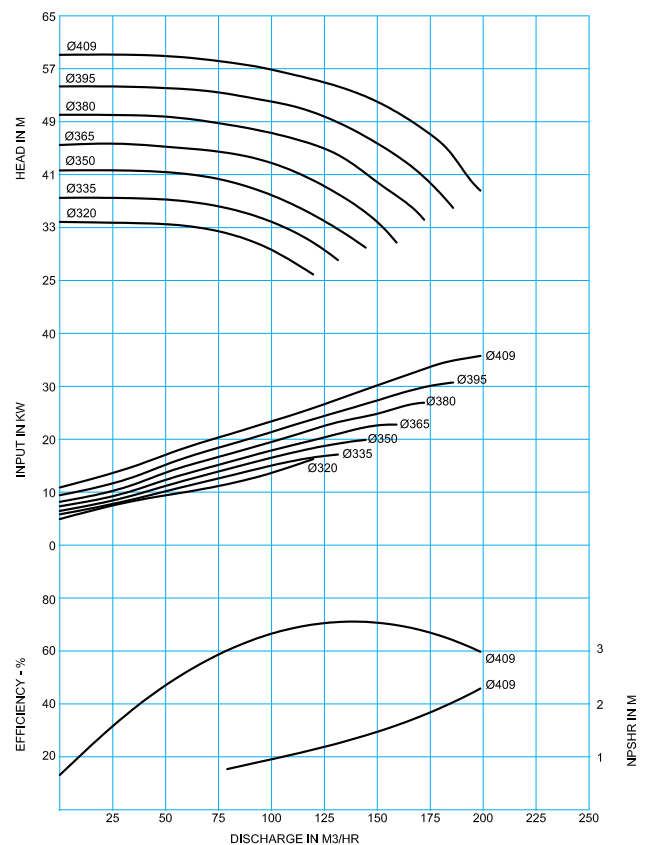
Model : 125-32



Model : 150-32



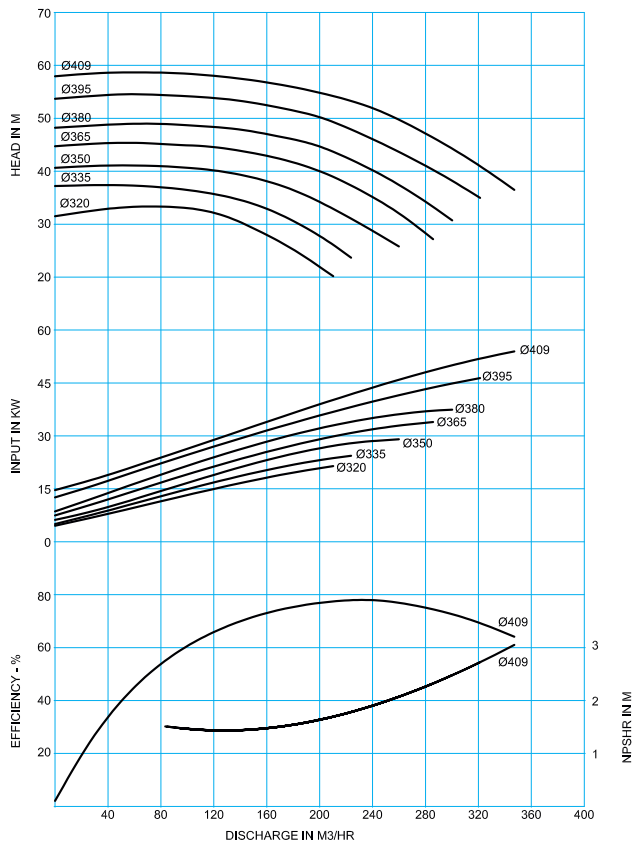
Model : 100-40



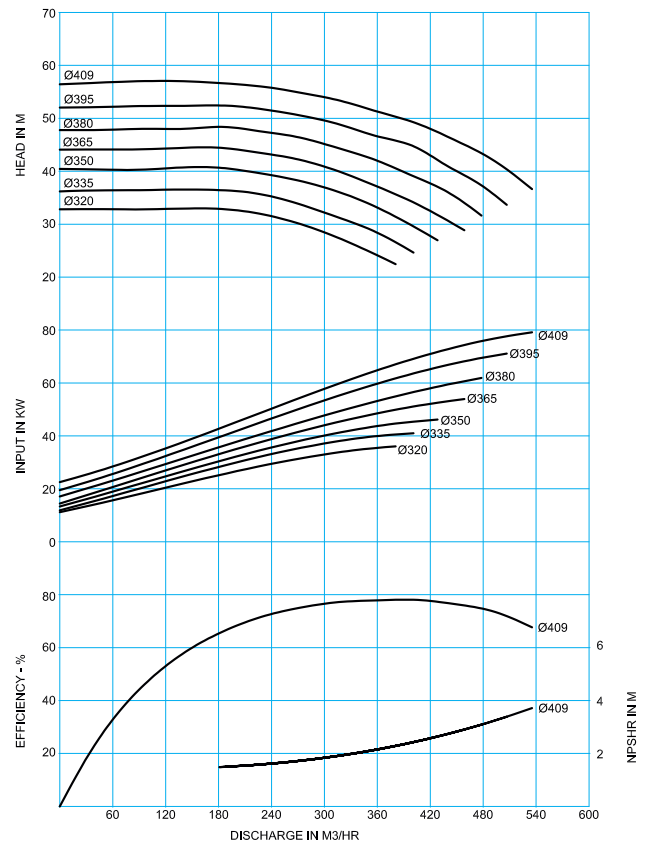
Centrifugal Backpull Out Pumps

Performance Curves • 1450 RPM

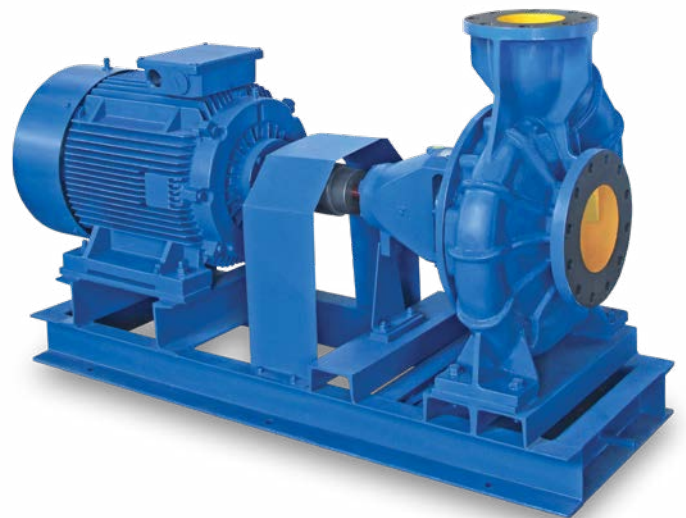
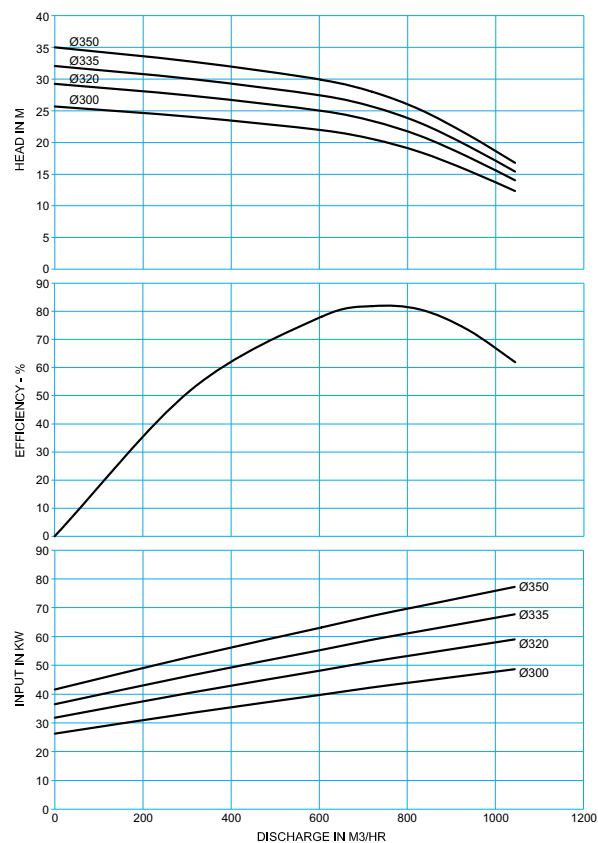
Model : 125-40



Model : 150-40



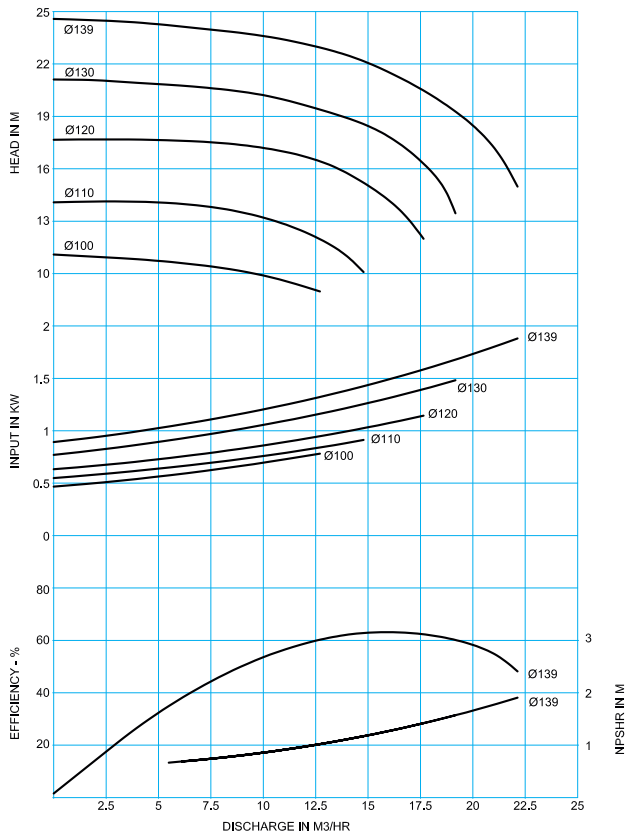
Model : 200-40



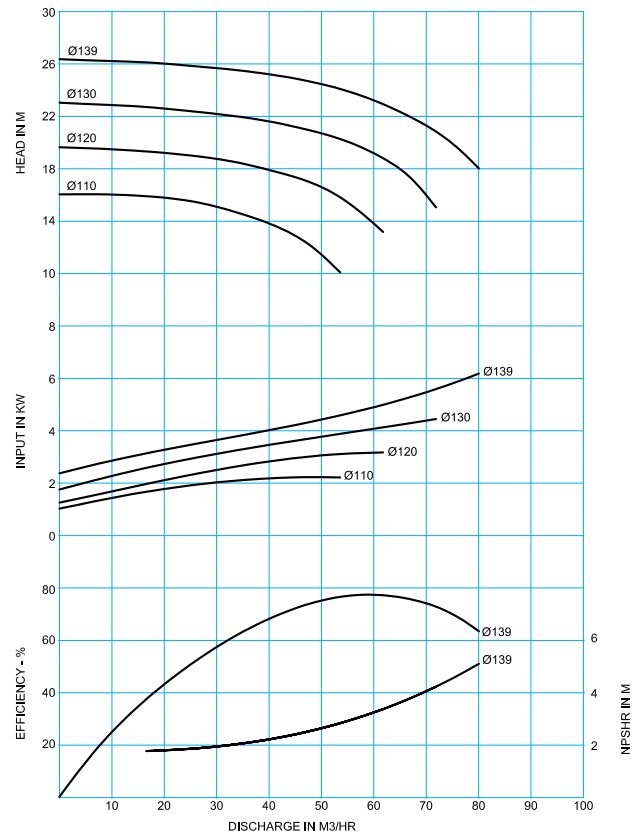
Centrifugal Backpull Out Pumps

Performance Curves • 2900 RPM

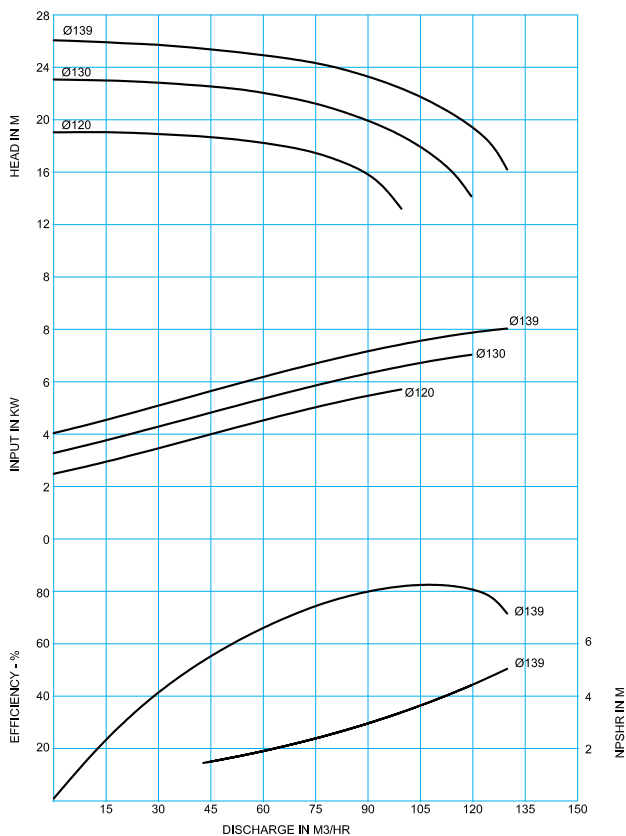
Model : 32-13



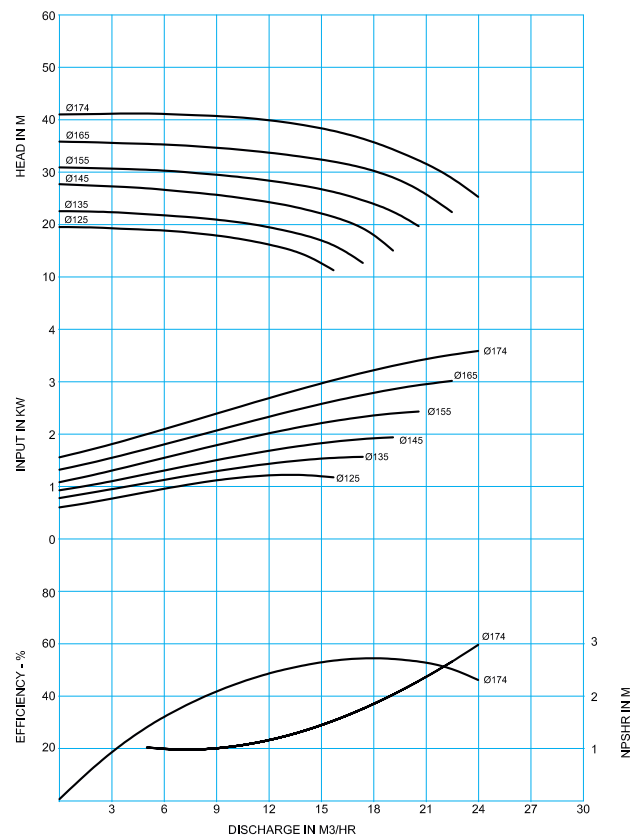
Model : 50-13



Model : 65-13



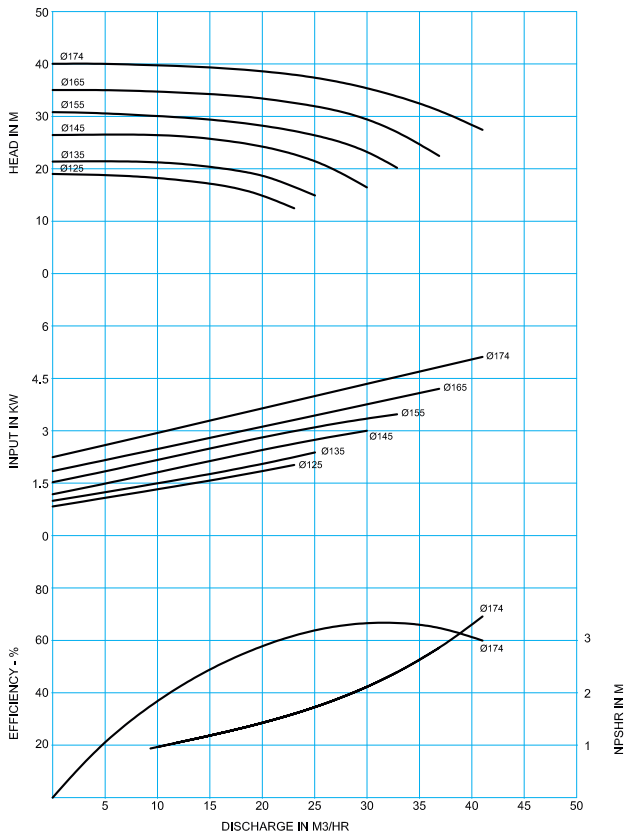
Model : 32-16



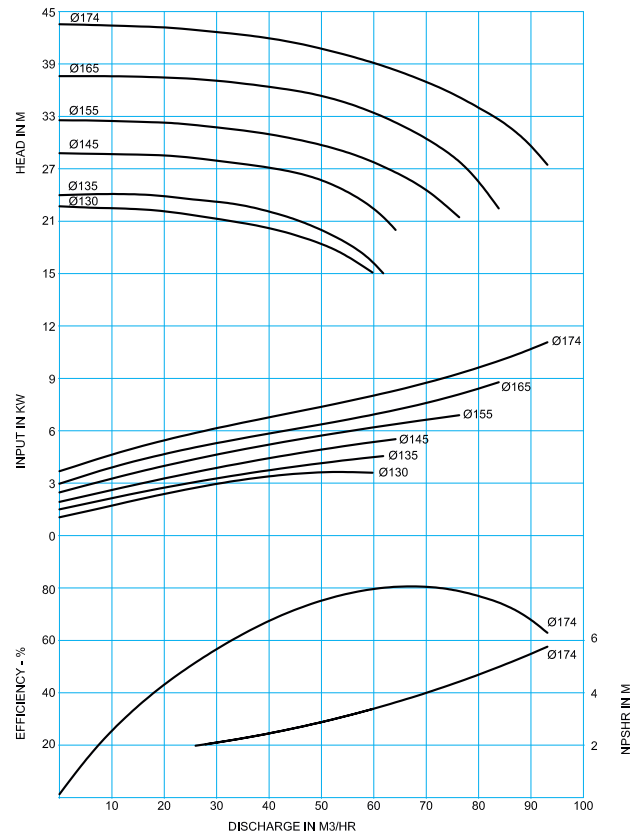
Centrifugal Backpull Out Pumps

Performance Curves • 2900 RPM

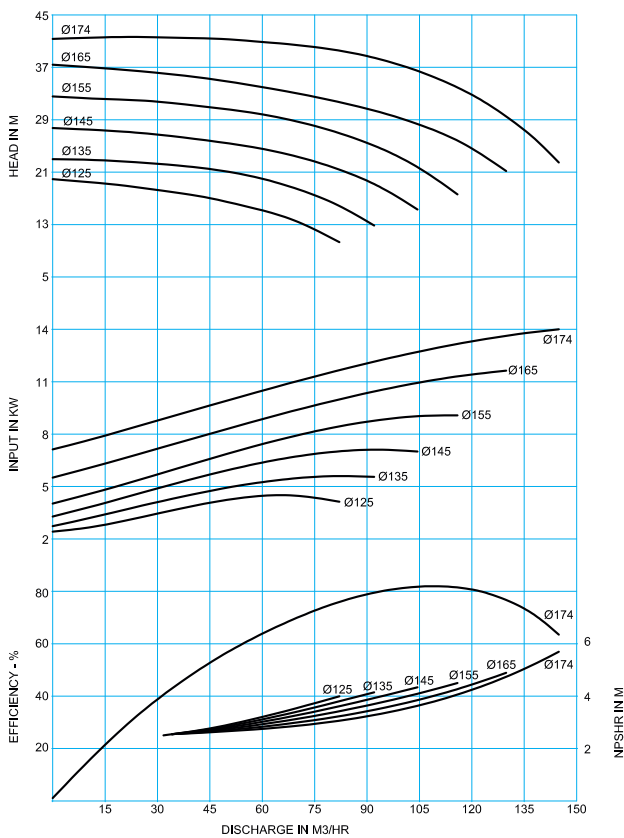
Model : 40-16



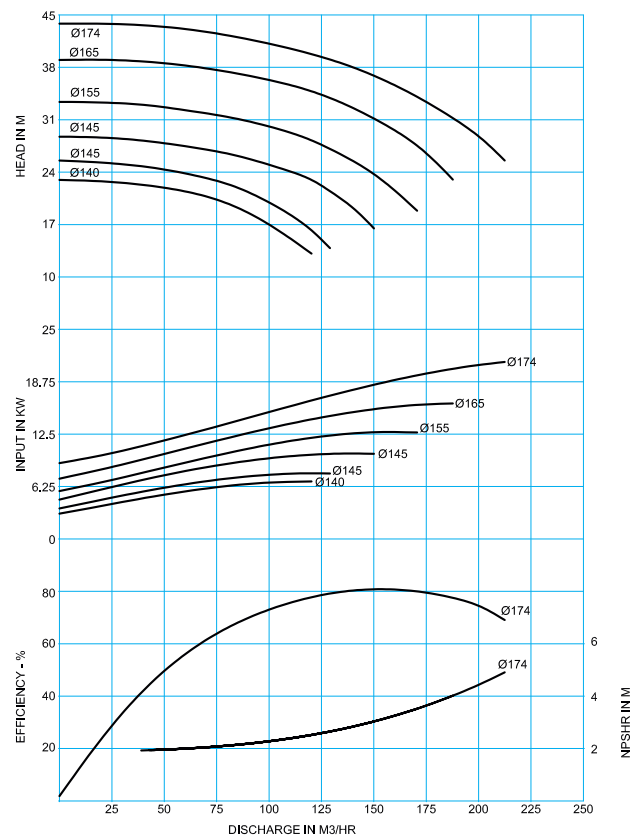
Model : 50-16



Model : 65-16



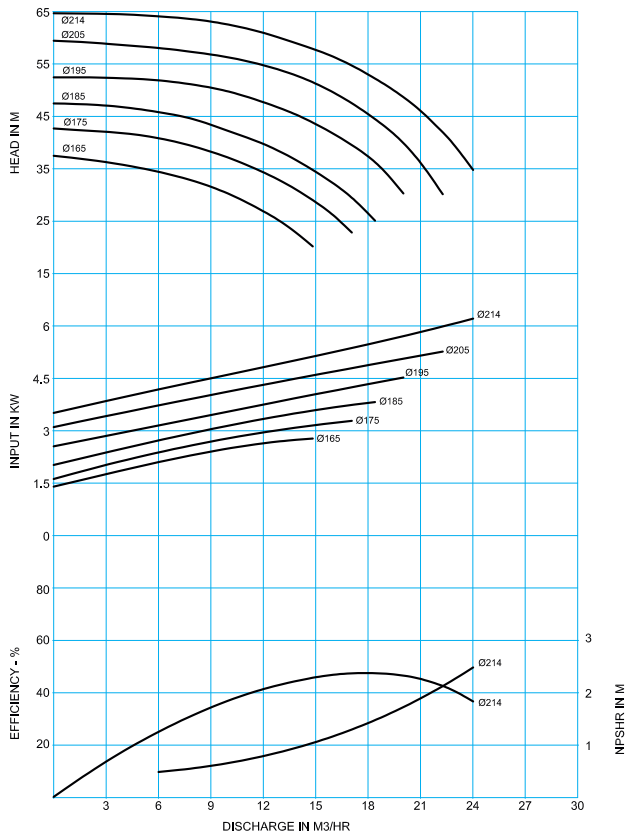
Model : 80-16



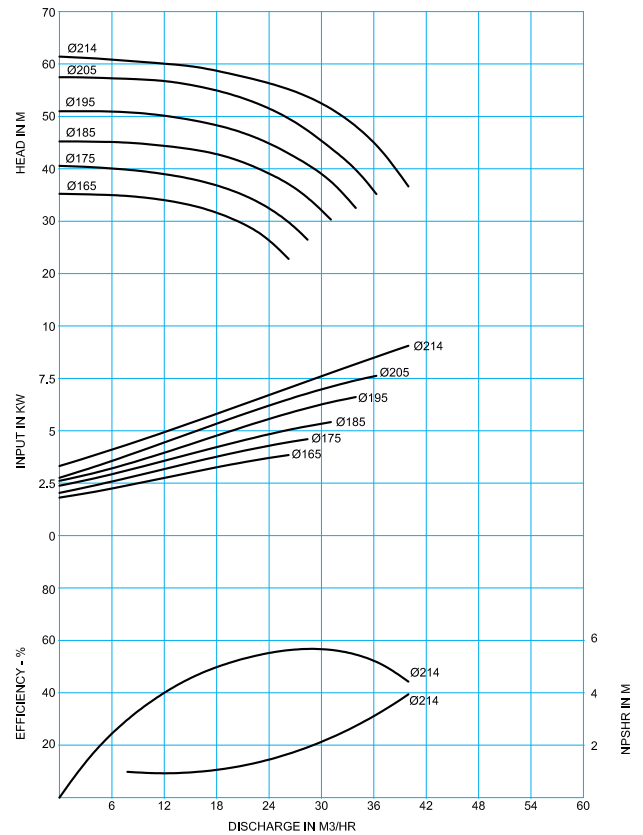
Centrifugal Backpull Out Pumps

Performance Curves • 2900 RPM

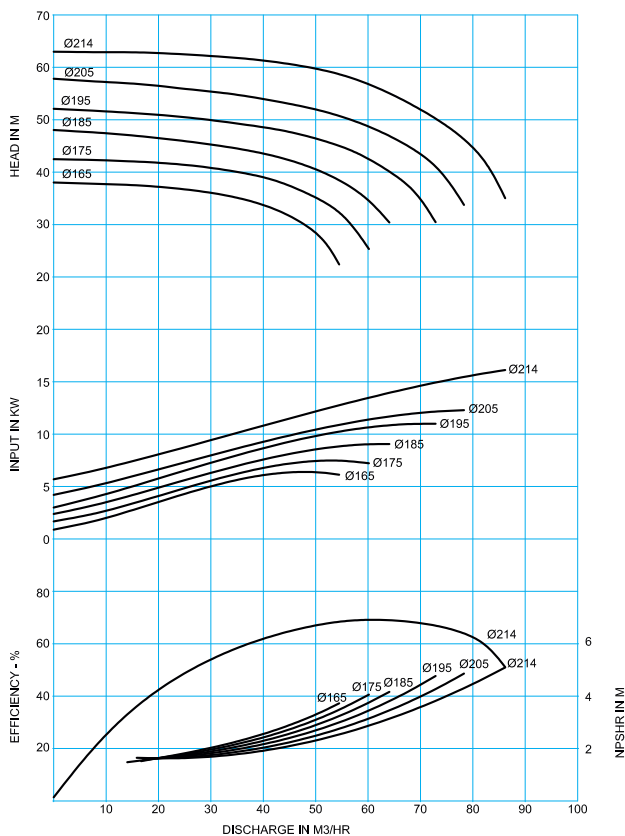
Model : 32-20



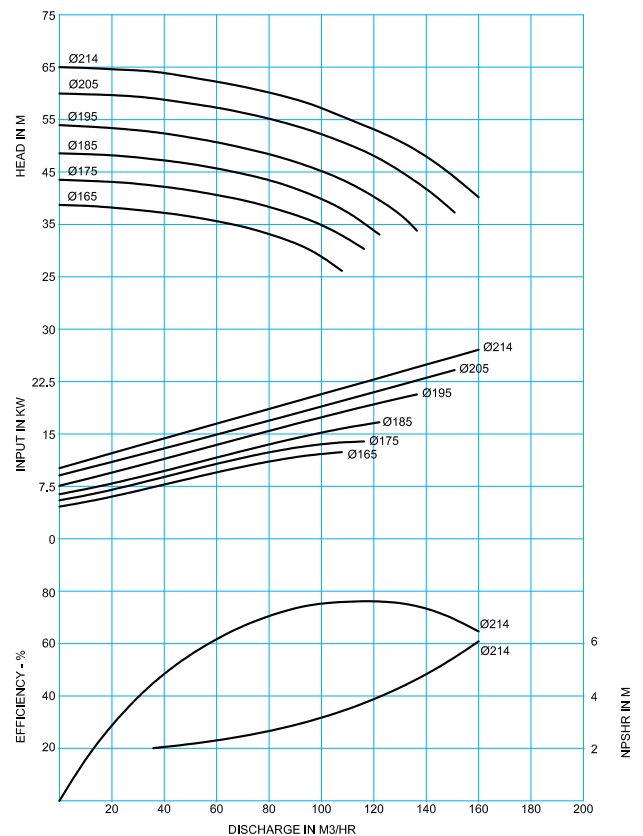
Model : 40-20



Model : 50-20



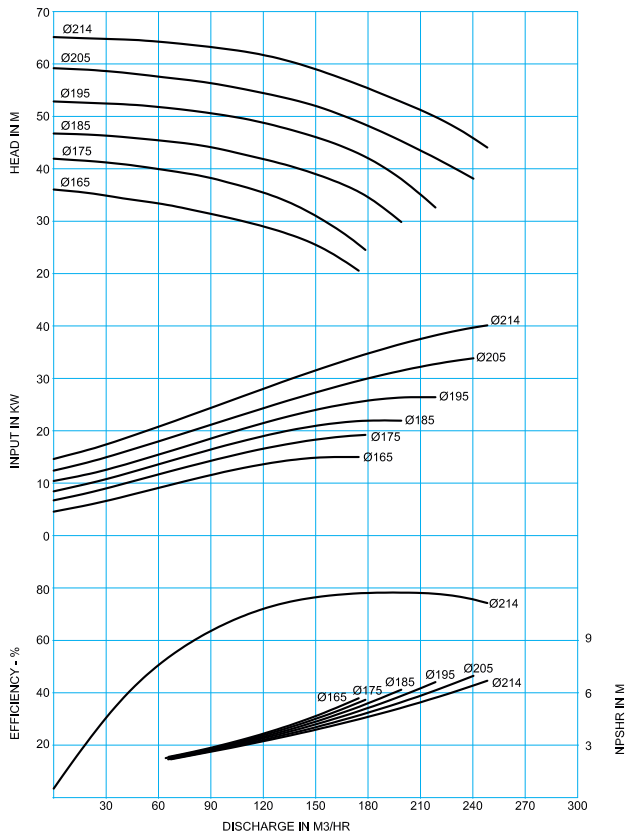
Model : 65-20



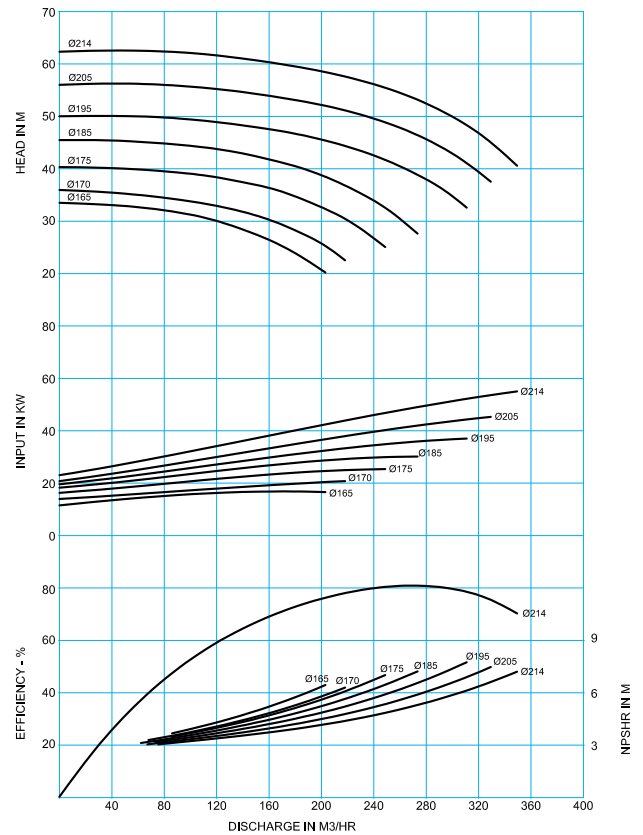
Centrifugal Backpull Out Pumps

Performance Curves • 2900 RPM

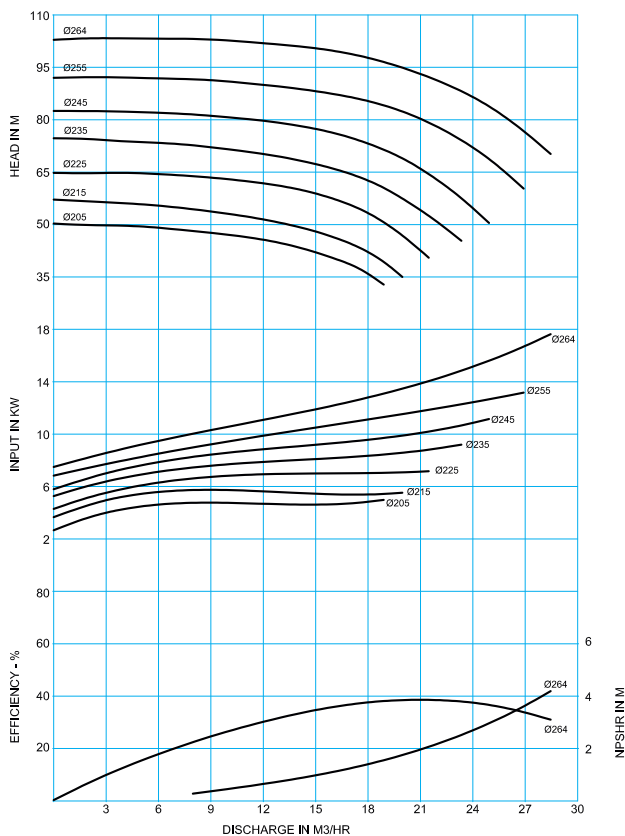
Model : 80-20



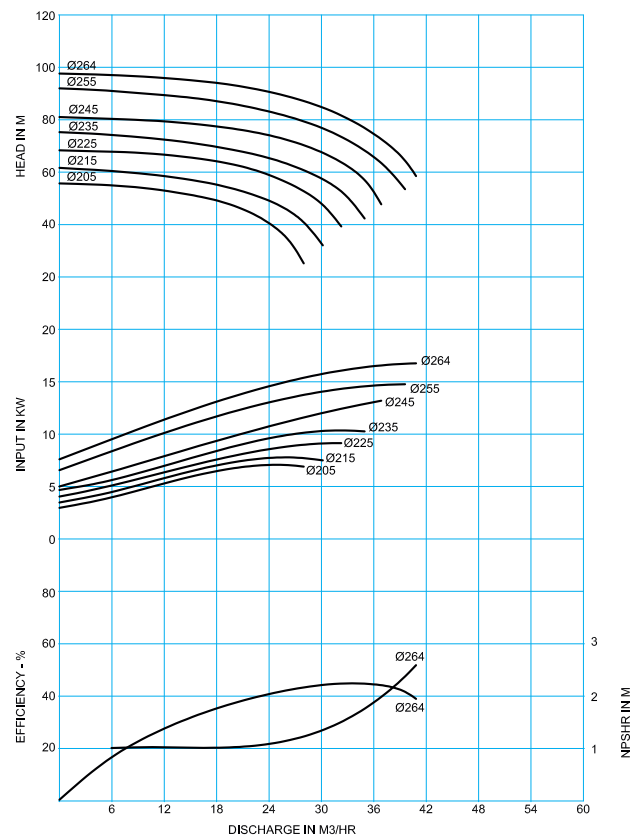
Model : 100-20



Model : 32-26



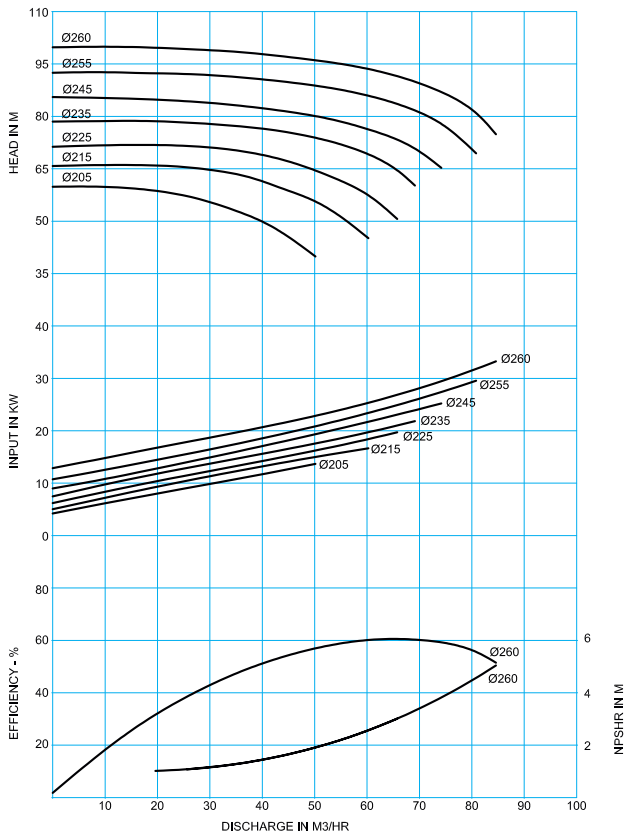
Model : 40-26



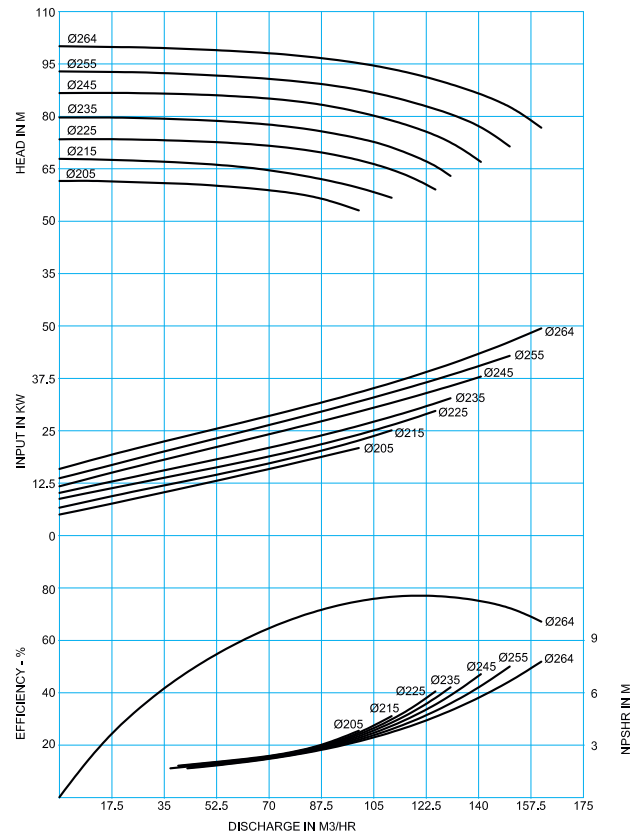
Centrifugal Backpull Out Pumps

Performance Curves • 2900 RPM

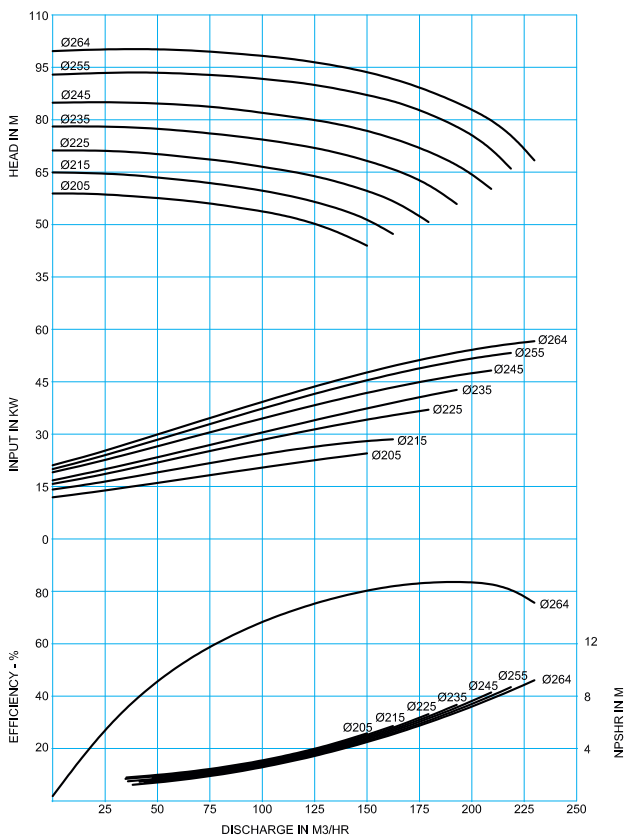
Model : 50-26



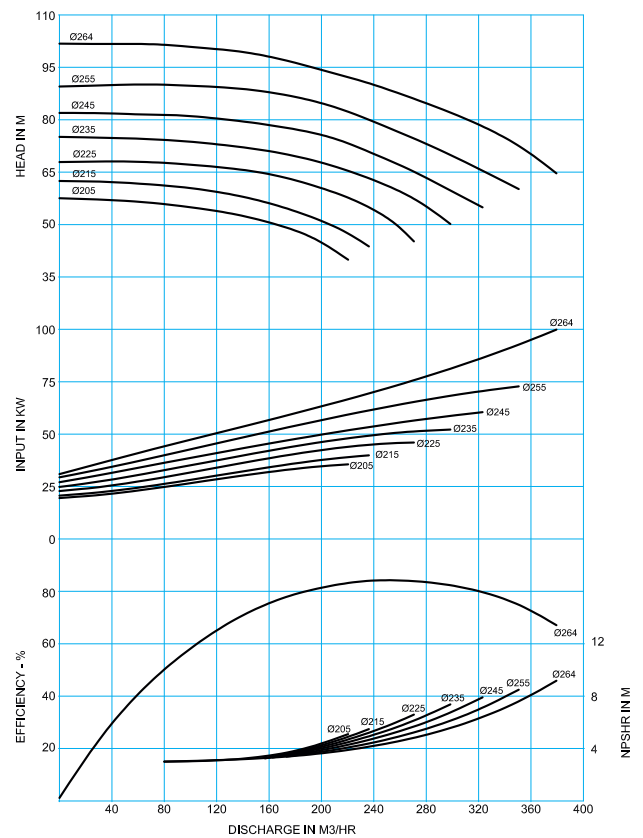
Model : 65-26



Model : 80-26



Model : 100-26





Autoprime pumps for Flood relief,
Disaster management, Construction
dewatering, Sewage bypass and
Groundwater control.

Flow rate upto 550 m³/hr
Maximum head upto 45 m
Solid handling 75 mm

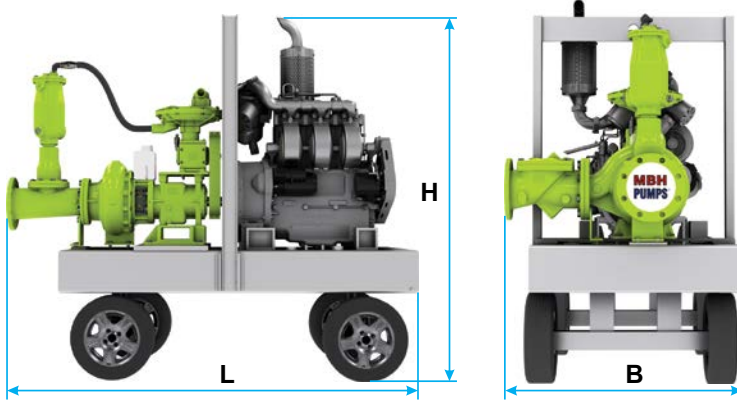
50 CFM vacuum pump
Upto 9 m suction lift
Capable to run dry

Electric skid / Diesel operated /
Silent canopy
Available sizes 4", 6", 8"



GA Drawing

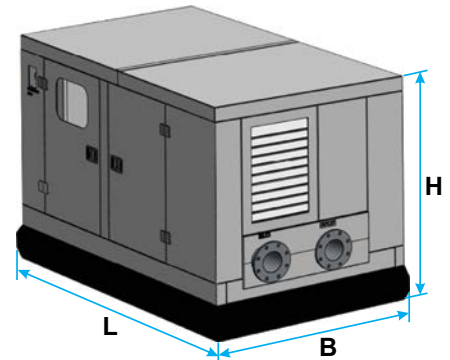
Mobile TROLLEY Integration



All Dimension are in mm

Model	L	B	H
MBH-LD-4L	1940	1130	1843
MBH-LD-6L	2070	1130	1870
MBH-LD-8L	2200	1130	2002

CANOPY Attachment

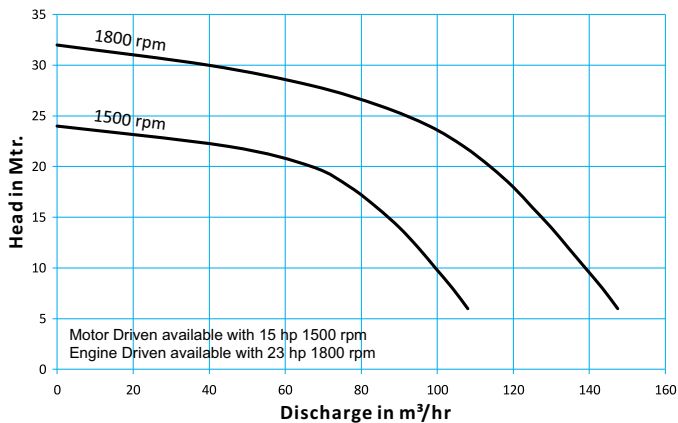


All Dimension are in mm

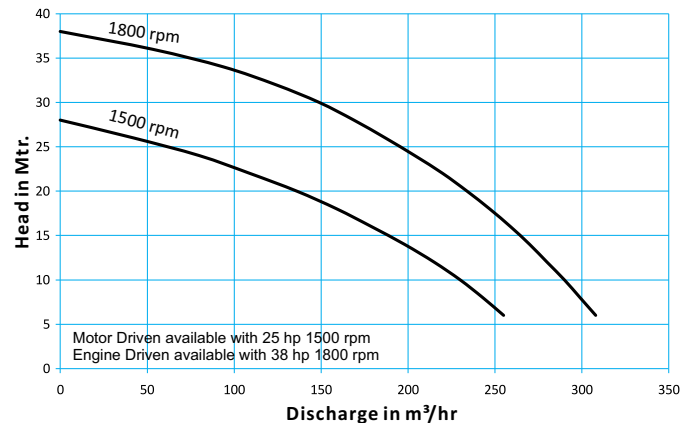
Model	L	B	H
MBH-LD-4L	2435	1500	1625
MBH-LD-6L	2565	1500	1625
MBH-LD-8L	2695	1500	1755

Performance Curves • MBH LD Series

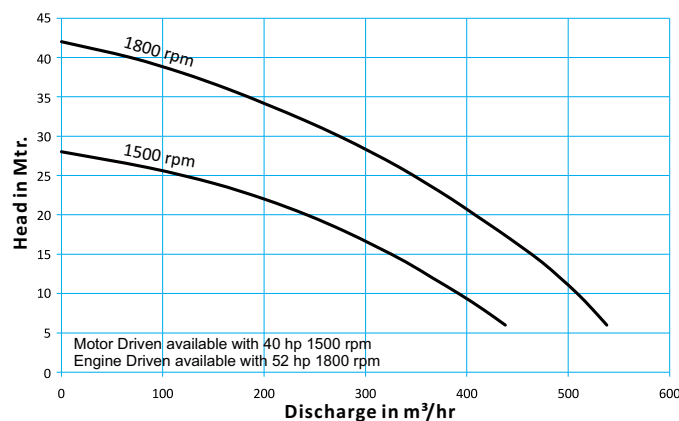
Model : MBH LD 4L



Model : MBH LD 6L

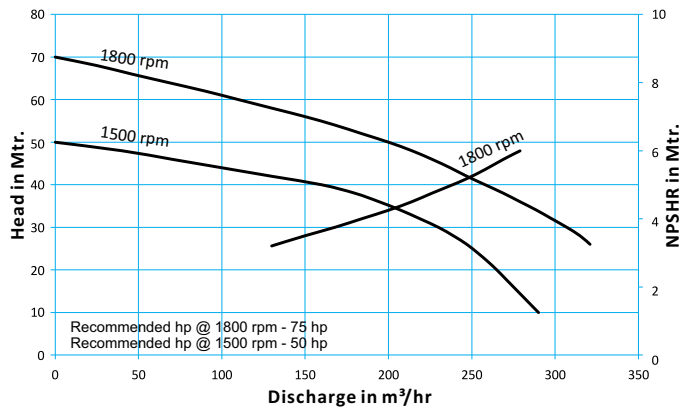


Model : MBH LD 8L

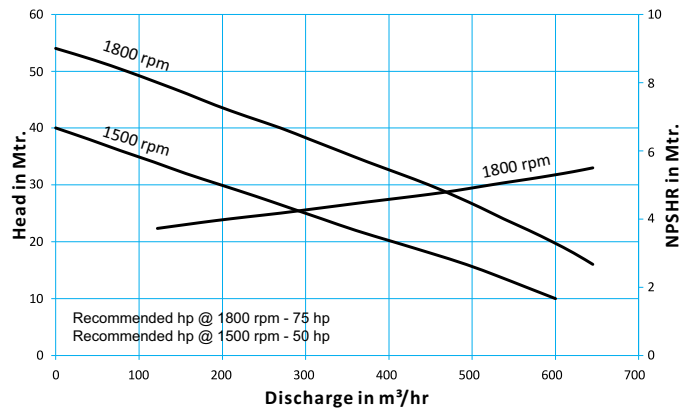


Performance Curves • MBH HDL Series

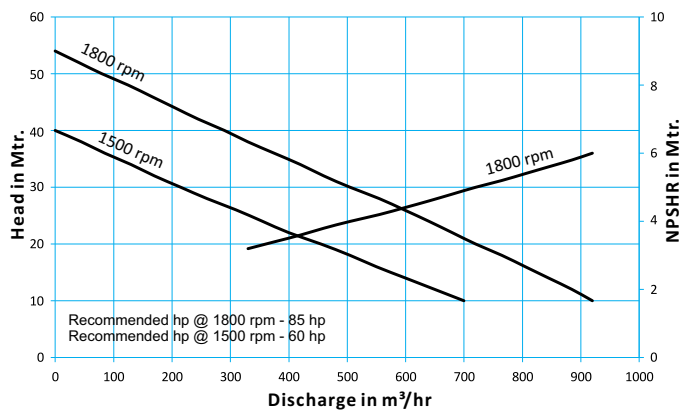
Model : MBH HDL 4L



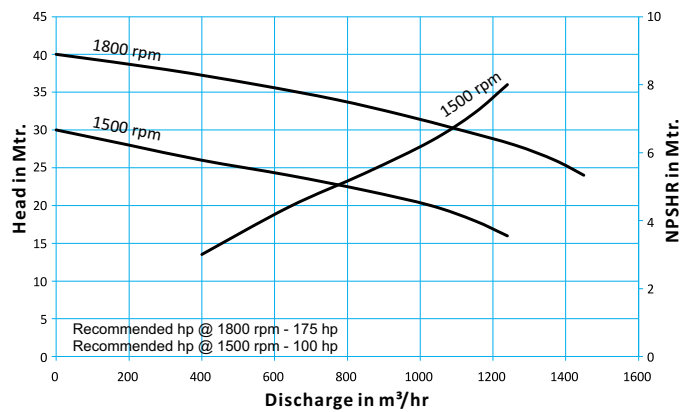
Model : MBH HDL 6L



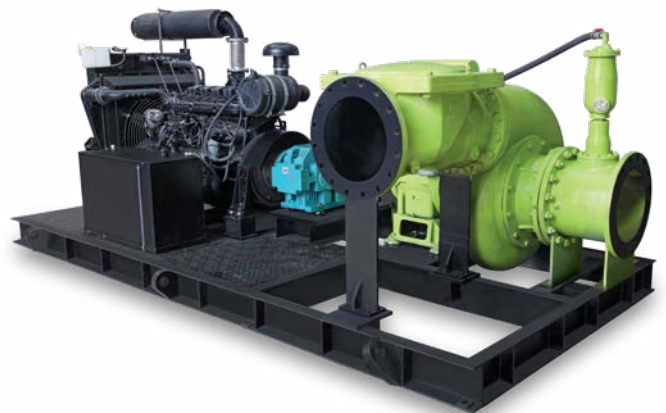
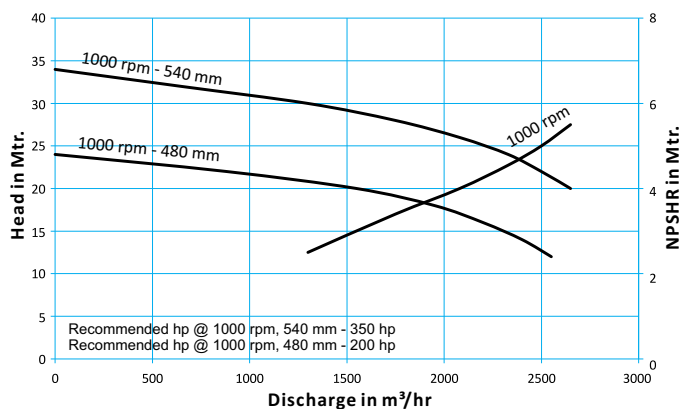
Model : MBH HDL 8L



Model : MBH HDL 12L

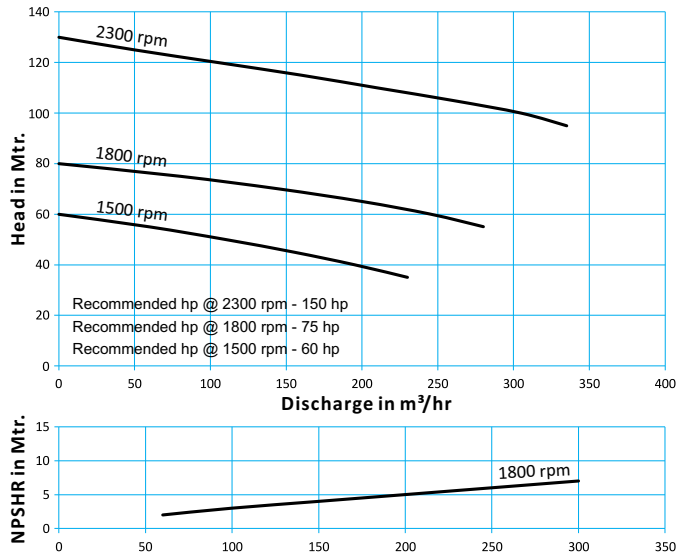


Model : MBH HDL 16L

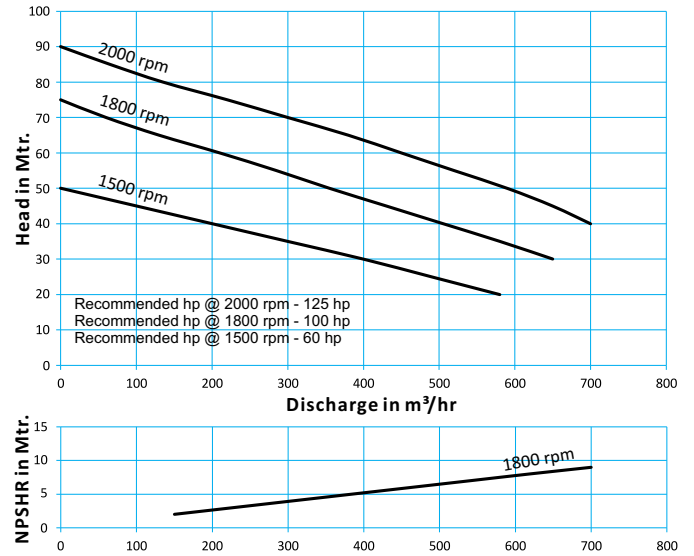


Performance Curves • MBH HDM Series

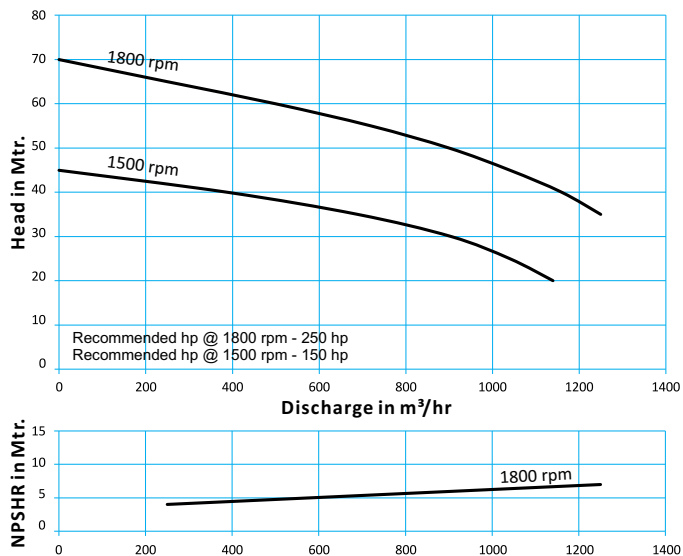
Model : MBH HDM 4M



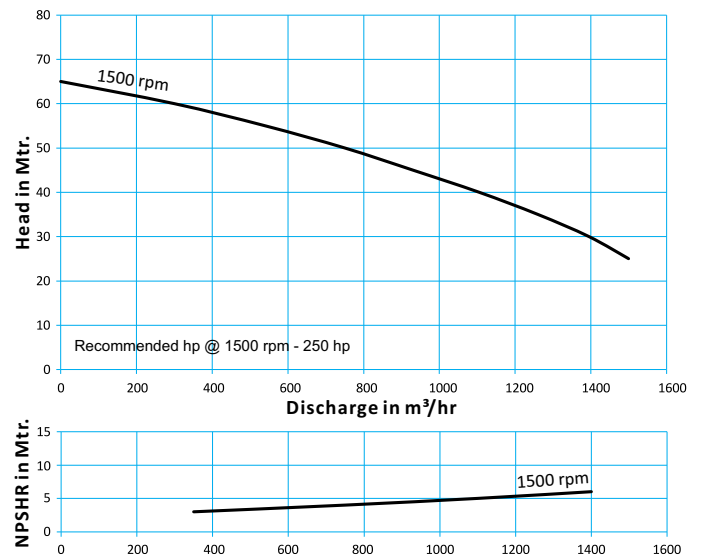
Model : MBH HDM 6M



Model : MBH HDM 10M

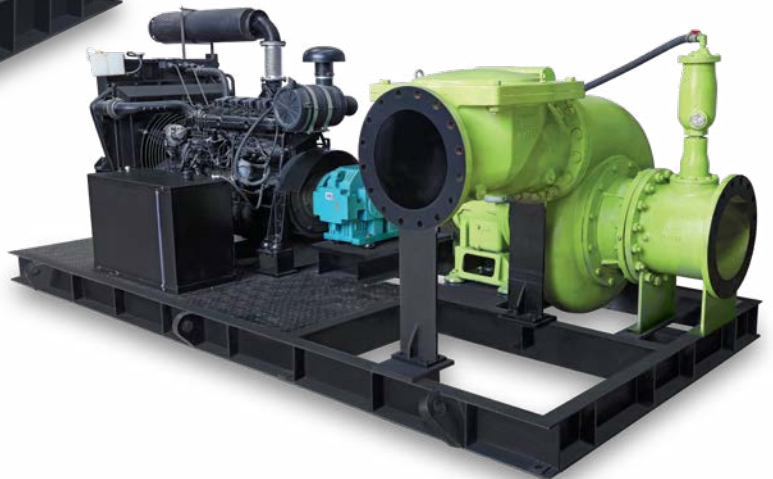
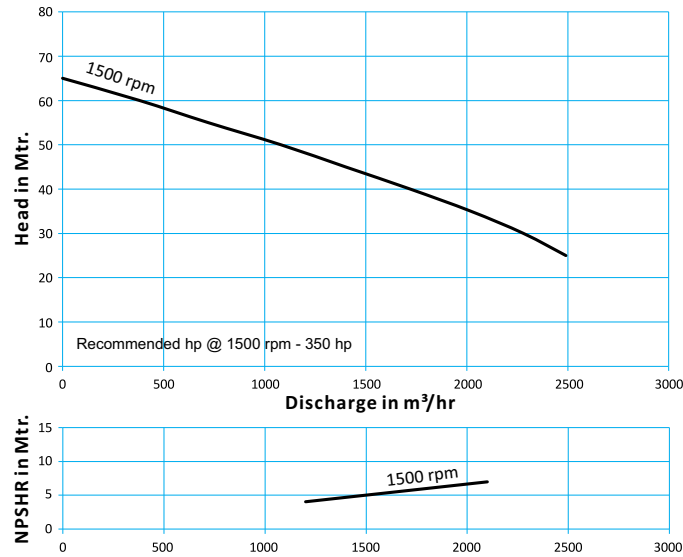


Model : MBH HDM 12M



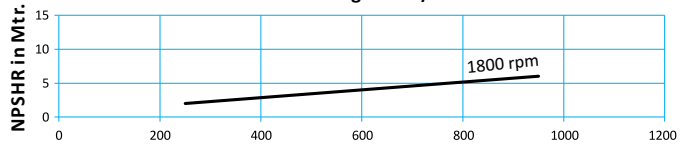
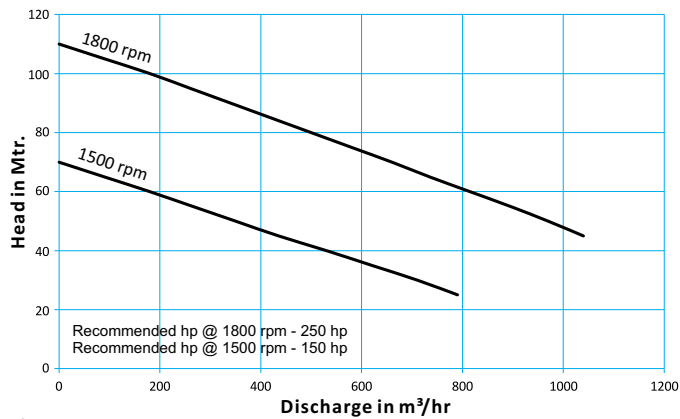
Performance Curves • MBH HDM Series

Model : MBH HDM 14M

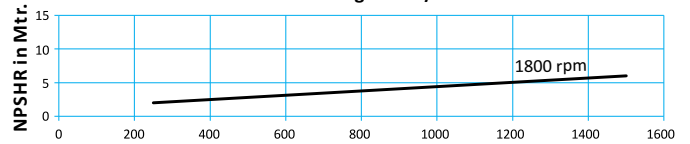
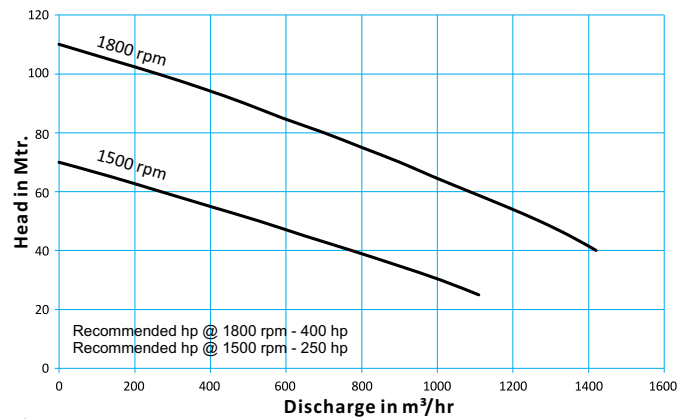


Performance Curves • MBH HDH Series

Model : MBH HDH 68H

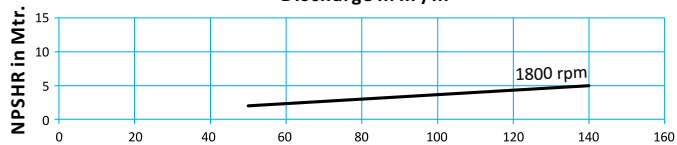
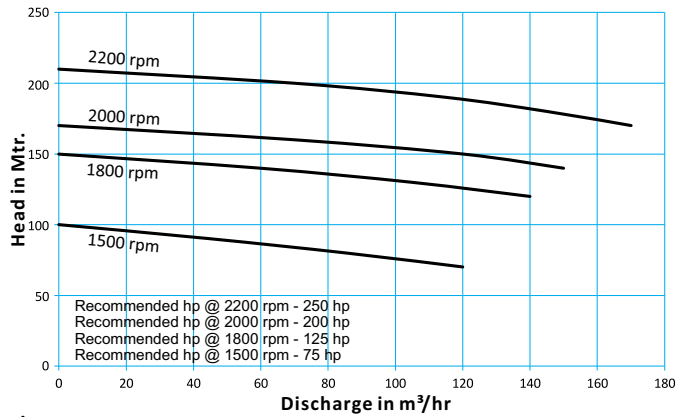


Model : MBH HDH 810H

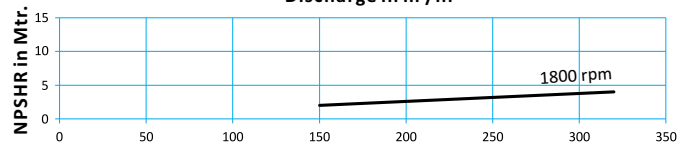
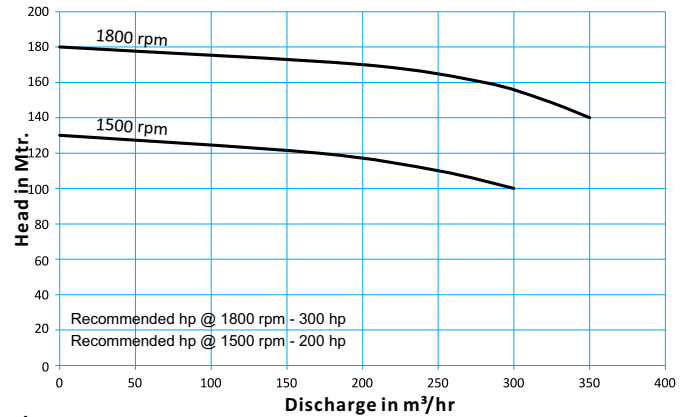


Performance Curves • MBH HDHH Series

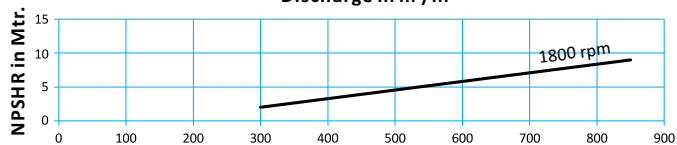
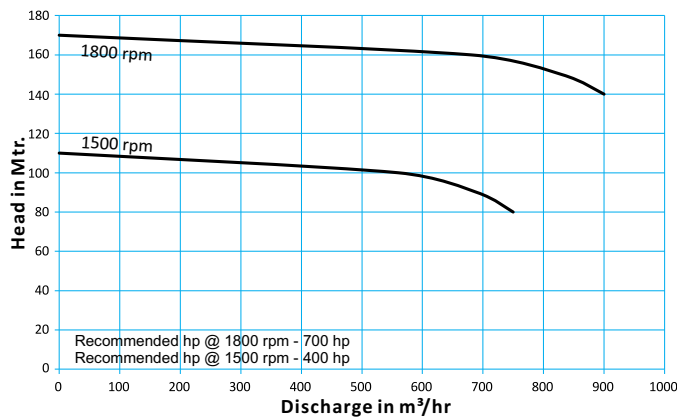
Model : MBH HDHH 34HH



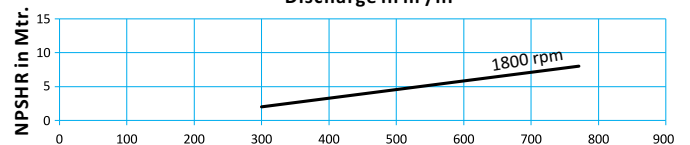
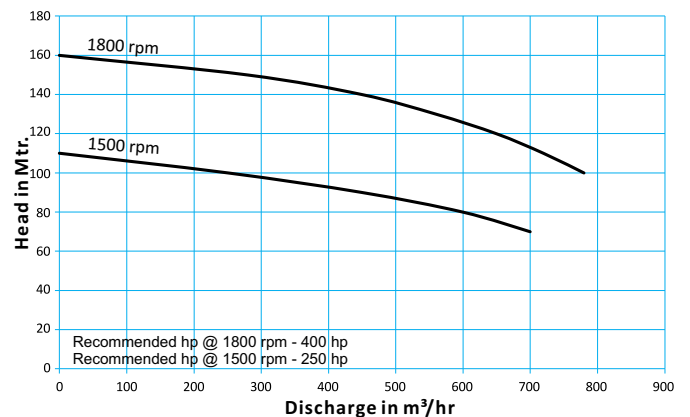
Model : MBH HDHH 46HH



Model : MBH HDHH 68HH

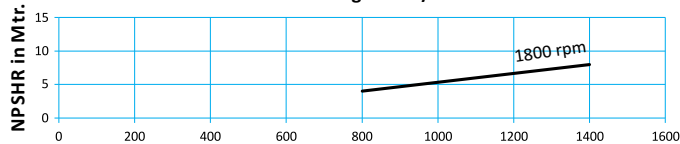
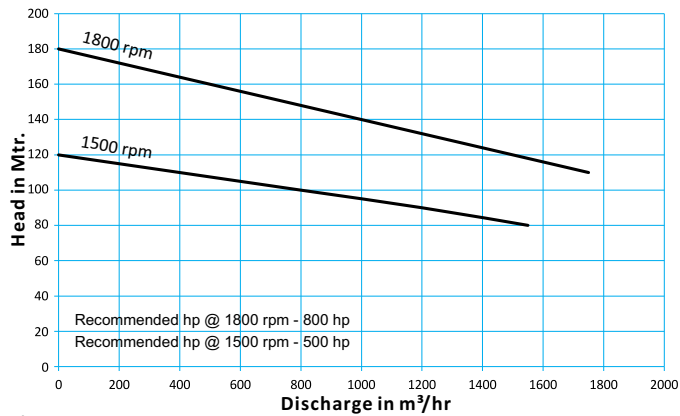


Model : MBH HDHH 68HHC

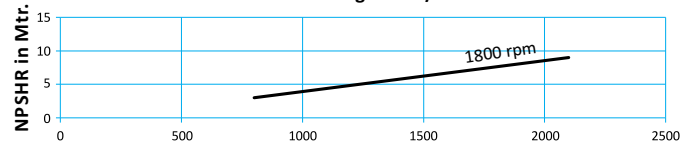
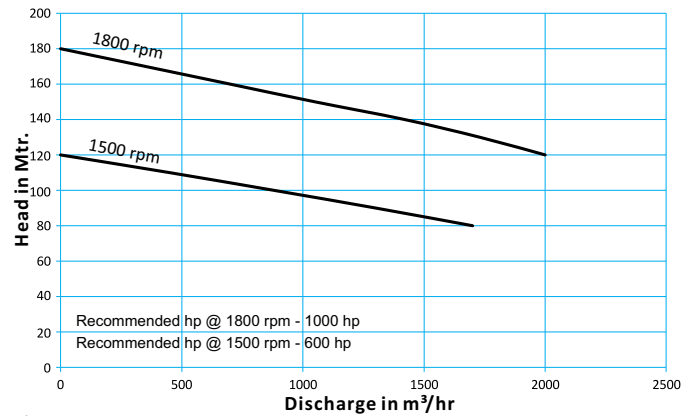


Performance Curves • MBH HDHH Series

Model : MBH HDHH 810HH



Model : MBH HDHH 812HH



Motor Specifications

2 Pole, 3 Phase Squirrel Cage Copper wound Induction Motors suitable for 415V, 50Hz, Insulation Class F or H, Category A

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	0.5	2750	1.2	0.13	69.5	69.5	67.5	0.79	0.75	0.70	6.5	2.2	2.6	0.0010
0.55	0.75	2760	1.6	0.19	74.1	74.1	72.1	0.79	0.75	0.70	6.5	2.3	2.7	0.0014
0.75	1.0	2780	2.0	0.26	77.4	77.4	75.4	0.79	0.76	0.72	6.5	2.3	2.7	0.0038
1.1	1.5	2790	2.8	0.37	79.6	79.6	77.6	0.80	0.77	0.73	6.5	2.3	2.7	0.0049
1.5	2.0	2800	3.7	0.51	81.3	81.3	79.3	0.80	0.77	0.73	6.5	2.4	2.8	0.0072
2.2	3.0	2810	5.0	0.74	83.2	83.2	81.2	0.82	0.78	0.74	7.0	2.4	2.8	0.0093
3.7	5.0	2820	8.0	1.24	85.5	85.5	83.5	0.84	0.81	0.77	7.0	2.4	2.8	0.0130
5.5	7.5	2830	11.0	1.83	87.0	87.0	85.0	0.88	0.85	0.80	7.0	2.3	2.7	0.0583
7.5	10.0	2840	15.0	2.50	88.1	88.1	86.1	0.89	0.86	0.82	7.0	2.2	2.5	0.0583
9.3	12.5	2850	18.5	3.09	88.5	88.5	86.5	0.88	0.85	0.80	7.0	2.3	2.8	0.1301
11.0	15.0	2860	21.5	3.65	89.4	89.4	87.4	0.88	0.85	0.80	7.0	2.3	2.8	0.1301
15.0	20.0	2870	29.0	4.97	90.3	90.3	88.3	0.88	0.85	0.80	7.0	2.3	2.8	0.1705
18.5	25.0	2880	35.0	6.13	90.9	90.9	88.9	0.88	0.85	0.80	7.0	2.3	2.8	0.1974
22.0	30.0	2890	41.5	7.28	91.3	91.3	89.3	0.88	0.85	0.80	7.0	2.3	2.7	0.1972
30.0	40.0	2900	55.0	9.89	92.0	92.0	90.0	0.89	0.86	0.81	7.0	2.3	2.7	0.4468
37.0	50.0	2900	67.0	12.18	92.5	92.5	90.5	0.89	0.86	0.81	7.0	2.3	2.7	0.5257
45.0	60.0	2955	80.0	14.81	92.9	92.9	90.9	0.89	0.86	0.81	7.0	2.3	2.7	0.6722
55.0	75.0	2960	95.0	18.07	93.2	93.2	91.2	0.90	0.87	0.83	7.0	2.3	2.7	1.0690
75.0	100.0	2970	130.0	24.55	93.8	93.8	91.8	0.90	0.87	0.83	7.0	2.3	2.7	2.2591
90.0	120.0	2970	150.0	29.47	94.1	94.1	92.1	0.90	0.87	0.83	7.0	2.3	2.7	2.4850

4 Pole, 3 Phase Squirrel Cage Copper wound Induction Motors suitable for 415V, 50Hz, Insulation Class F or H, Category A

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	0.5	1330	1.4	0.26	72.7	72.7	70.7	0.73	0.67	0.58	6.0	1.9	2.3	0.0022
0.55	0.75	1340	1.7	0.38	77.1	77.1	75.1	0.73	0.67	0.58	6.0	1.9	2.3	0.0038
0.75	1.0	1360	2.2	0.52	79.6	79.6	77.6	0.77	0.70	0.63	6.0	2.5	3.0	0.0062
1.1	1.5	1370	2.9	0.75	81.4	81.4	79.4	0.78	0.73	0.65	6.0	2.5	3.0	0.0093
1.5	2.0	1380	3.8	1.02	82.8	82.8	80.8	0.79	0.74	0.65	6.0	2.4	2.8	0.0134
2.2	3.0	1390	5.1	1.49	84.3	84.3	82.3	0.83	0.76	0.65	7.0	2.4	2.8	0.0182
3.7	5.0	1410	8.1	2.49	86.3	86.3	84.3	0.84	0.80	0.68	7.0	2.4	2.8	0.0404
5.5	7.5	1420	12.0	3.69	87.7	87.7	85.7	0.83	0.79	0.72	7.0	2.4	2.8	0.0676
7.5	10.0	1430	15.4	5.04	88.7	88.7	86.7	0.83	0.79	0.72	7.0	2.2	2.6	0.1013
9.3	12.5	1440	19.5	6.23	89.3	89.3	87.3	0.83	0.80	0.72	7.0	2.2	2.6	0.1696
11.0	15.0	1440	22.0	7.36	89.8	89.8	87.8	0.83	0.80	0.72	7.0	2.2	2.6	0.1871
15.0	20.0	1440	30	10.04	90.6	90.6	88.6	0.84	0.80	0.73	7.0	2.2	2.6	0.2573
18.5	25.0	1440	36	12.34	91.2	91.2	89.2	0.84	0.80	0.74	7.0	2.3	2.6	0.3222
22.0	30.0	1440	43	14.68	91.6	91.6	89.6	0.84	0.80	0.74	7.0	2.3	2.6	0.3790
30.0	40.0	1450	57	19.95	92.3	92.3	90.3	0.84	0.80	0.74	7.0	2.3	2.6	0.7298
37.0	50.0	1450	69	24.52	92.7	92.7	90.7	0.85	0.83	0.77	7.0	2.3	2.6	1.1642
45.0	60.0	1460	84	29.72	93.1	93.1	91.1	0.86	0.83	0.77	7.0	2.3	2.6	1.3970
55.0	75.0	1460	101	36.20	93.5	93.5	91.5	0.87	0.84	0.79	7.0	2.3	2.6	1.9856
75.0	100.0	1470	134	49.29	94.0	94.0	92.0	0.87	0.84	0.79	7.0	2.2	2.5	3.5195
90.0	120.0	1470	164	59.15	94.2	94.2	92.2	0.87	0.84	0.80	7.0	2.2	2.5	4.1594
110.0	150.0	1480	204	72.15	94.5	94.5	92.5	0.87	0.84	0.80	7.0	2.2	2.5	7.7057
125.0	170.0	1480	235	81.99	94.6	94.6	92.6	0.86	0.84	0.80	7.0	2.2	2.5	8.8912
132.0	180.0	1480	247	86.58	94.7	94.7	92.7	0.86	0.84	0.80	7.0	2.2	2.5	8.8912
160.0	215.0	1480	288	104.94	94.9	94.9	92.9	0.86	0.84	0.80	7.0	2.2	2.5	10.3731

6 Pole, 3 Phase Squirrel Cage Copper wound Induction Motors suitable for 415V, 50Hz, Insulation Class F or H, Category A

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	0.5	870	1.4	0.39	67.6	67.6	65.6	0.75	0.65	0.54	6.0	1.9	2.2	0.0049
0.55	0.75	870	1.9	0.58	73.1	73.1	71.1	0.70	0.63	0.52	6.0	2.2	2.6	0.0063
0.75	1.0	890	2.3	0.78	75.9	75.9	73.9	0.69	0.63	0.52	6.0	2.1	2.5	0.0122
1.1	1.5	900	3.4	1.15	78.1	78.1	76.1	0.73	0.68	0.54	6.0	2.1	2.5	0.0176
1.5	2.0	900	4.0	1.55	79.8	79.8	77.8	0.77	0.70	0.56	6.0	2.1	2.5	0.0269
2.2	3.0	910	5.7	2.26	81.8	81.8	79.8	0.78	0.71	0.58	7.0	2.1	2.5	0.0467
3.7	5.0	920	8.8	3.79	84.3	84.3	82.3	0.80	0.74	0.62	7.0	2.2	2.6	0.0991
5.5	7.5	920	12.9	5.61	86.0	86.0	84.0	0.81	0.76	0.62	7.0	2.2	2.6	0.1321
7.5	10.0	930	16.7	7.61	87.2	87.2	85.2	0.82	0.77	0.65	7.0	2.2	2.6	0.2625
9.3	12.5	930	21.5	9.39	88.0	88.0	86.0	0.82	0.77	0.65	7.0	2.1	2.5	0.3440
11.0	15.0	935	23.3	11.05	88.7	88.7	86.7	0.82	0.77	0.65	7.0	2.1	2.5	0.4164
15.0	20.0	940	32.0	15.06	89.7	89.7	87.7	0.80	0.75	0.65	7.0	2.1	2.5	0.5949
18.5	25.0	940	37.5	18.48	90.4	90.4	88.4	0.80	0.75	0.65	7.0	2.1	2.5	0.8605
22.0	30.0	945	44.0	21.98	90.9	90.9	88.9	0.80	0.75	0.65	7.0	2.1	2.5	1.1642
30.0	40.0	945	59.5	29.97	91.7	91.7	89.7	0.81	0.77	0.66	7.0	2.1	2.4	1.4702
37.0	50.0	950	72.0	36.77	92.2	92.2	90.2	0.82	0.79	0.70	7.0	2.1	2.4	2.0474
45.0	60.0	960	87.0	44.59	92.7	92.7	90.7	0.84	0.81	0.73	7.0	2.2	2.4	3.8890
55.0	75.0	960	107.0	54.50	93.1	93.1	91.1	0.84	0.81	0.73	7.0	2.2	2.4	4.8613
75.0	100.0	970	145.0	74.09	93.7	93.7	91.7	0.84	0.81	0.73	7.0	2.1	2.4	7.2611
90.0	120.0	970	175.0	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	970	214.0	108.66	94.3	94.3	92.3	0.85	0.82	0.75	7.0	2.1	2.4	10.3731
125.0	170.0	980	245.0	123.35	94.5	94.5	92.5	0.86	0.83	0.76	7.0	2.1	2.4	10.3731
132.0	180.0	980	257.0	130.26	94.6	94.6	92.6	0.86	0.83	0.76	7.0	2.1	2.4	10.3731
160.0	215.0	980	315.0	157.73	94.8	94.8	92.8	0.84	0.82	0.75	7.0	2.1	2.4	19.1900
200.0	270.0	980	370.0	197.17	95.0	95.0	93.0	0.85	0.82	0.75	7.0	2.1	2.4	21.0176

2 Pole, 3 Phase PVC inculated Copper wound Motors suitable for 415V, 50Hz, Insulation Class Y, Category B

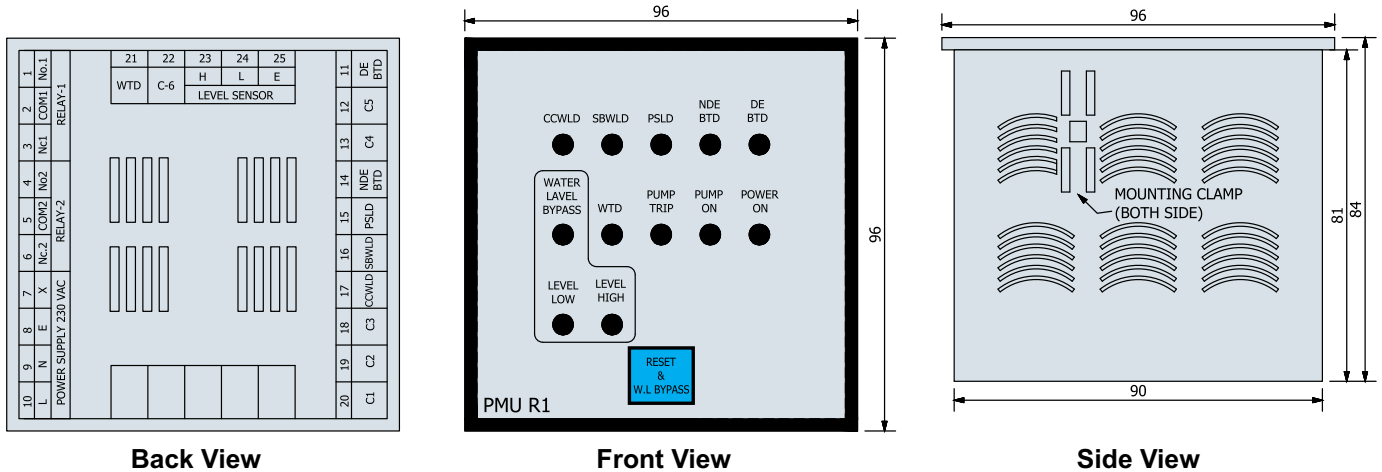
Output		Speed (RPM)	Current (A)	Efficiency %
KW	HP			FL
7.5	10.0	2800	19.5	79.1
11.0	15.0	2820	29.0	80.9
15.0	20.0	2840	39.0	82.6
18.5	25.0	2850	48.0	83.2
22.0	30.0	2850	57.0	83.6
30.0	40.0	2860	76.0	84.3
37.0	50.0	2865	85.0	84.8
45.0	60.0	2910	100.0	85.2
55.0	75.0	2920	120.0	85.5
63.0	85.0	2925	144.0	86.0
75.0	100.0	2930	158.0	86.1
90.0	120.0	2930	192.0	86.4
101.0	135.0	2935	224.0	86.6
110.0	150.0	2940	240.0	86.7
132.0	175.0	2940	262.0	86.9
149.0	200.0	2940	300.0	87.0

4 Pole, 3 Phase PVC inculated Copper wound Motors suitable for 415V, 50Hz, Insulation Class Y, Category B

Output		Speed (RPM)	Current (A)	Efficiency %
KW	HP			FL
37.0	50.0	1450	87.0	85.5
45.0	60.0	1460	104.0	86.5
55.0	75.0	1460	116.0	86.5
63.0	85.0	1470	122.0	86.8
75.0	100.0	1475	162.0	87.0
90.0	120.0	1475	205.0	87.5
101.0	135.0	1480	240.0	87.6
110.0	150.0	1480	260.0	88.0
132.0	175.0	1480	285.0	88.2
149.0	200.0	1480	315.0	88.4

Pump Monitoring Unit (PMU)

Dimension Drawing of PMU

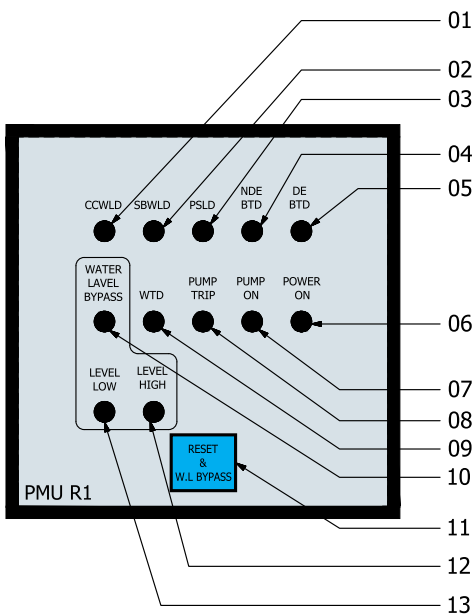


Back View

Front View

Side View

PMU Control Details



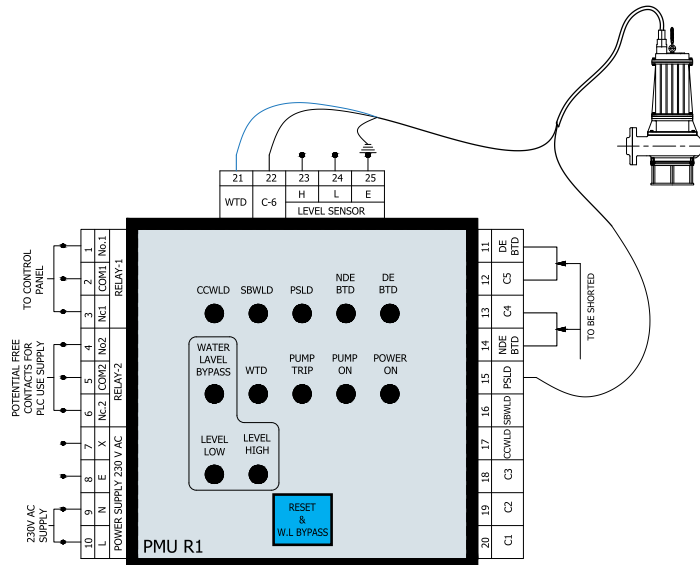
NO.	DESCRIPTION
01	CCWLD : When this LED glows "RED" Water leakage found in Cable Connection Chamber
02	SBWLD : When this LED glows "RED" Water leakage found in Stator Body
03	PSLD : When this LED glows "RED" Leakage found in Primary Seal simultaneously water may come in the Oil-Chamber
04	UBTD (NDE) : 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	

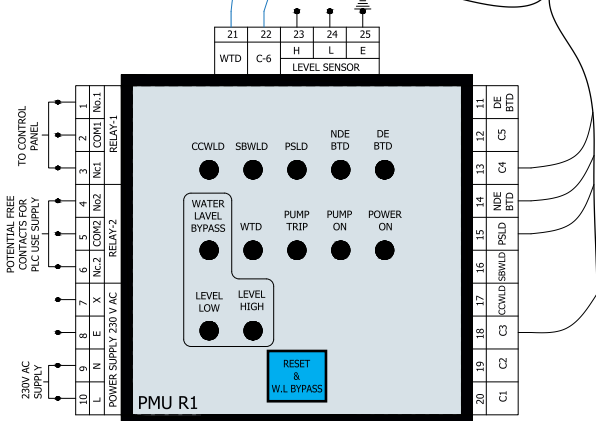
WATER LEVEL SENSOR	PMU SIDE	
BLUE	H	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
RED	L	
GREEN	E	



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	

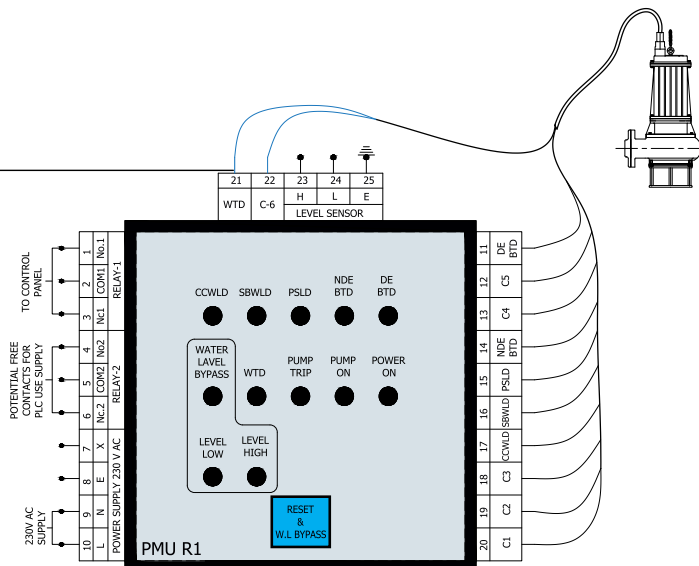
WATER LEVEL SENSOR	PMU SIDE	
BLUE	H	TO BE CONNECTED TO THE PUMP MONITORING UNIT (PMU)
RED	L	
GREEN	E	



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 initiate this instrument 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 :

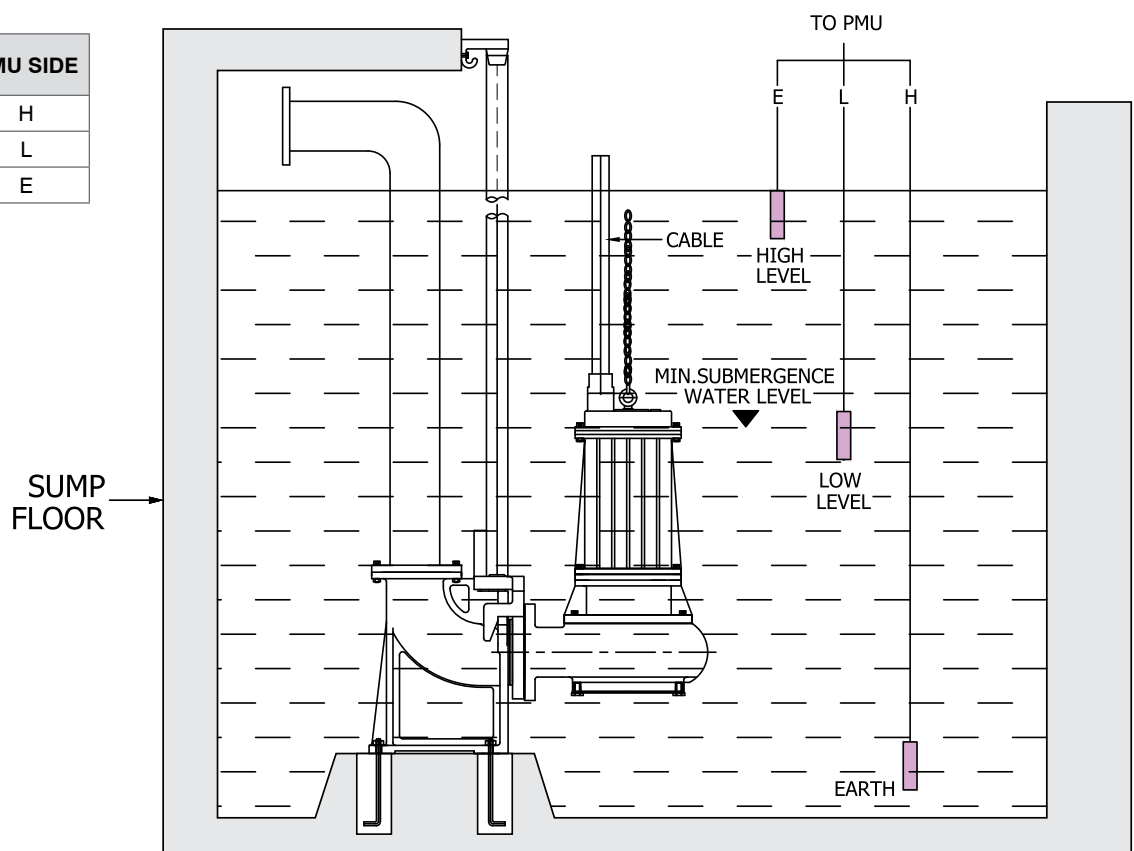
- Level of water decrease from high level to low level.
- when it reaches to the low level, PMU send signal to electrical panel, which “STOP” the pump immediately to avoid dry run.

2. WHILE PUMP IS STOP :

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

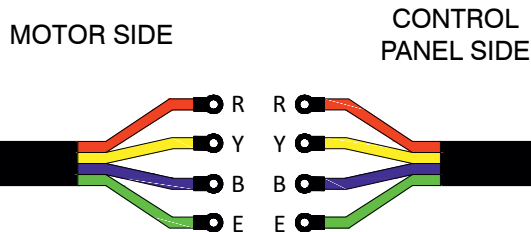
3. Water level sensor are connected with PMU are provided with extra cost.

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

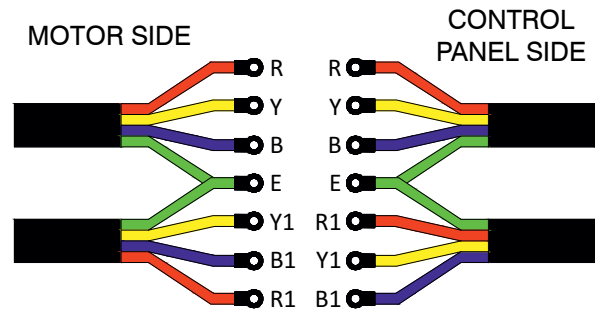


Power / Control Cable Connection Details

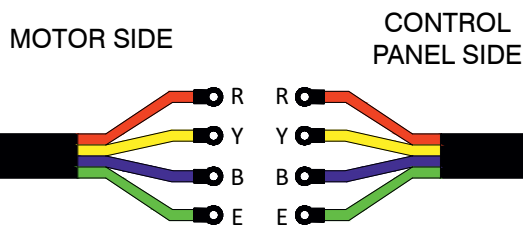
D.O.L. CONNECTION POWER CABLE



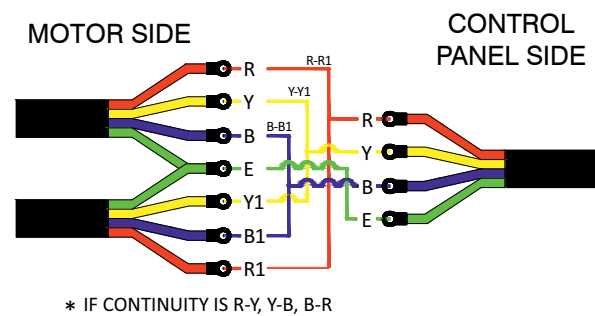
STAR DELTA CONNECTION POWER CABLE



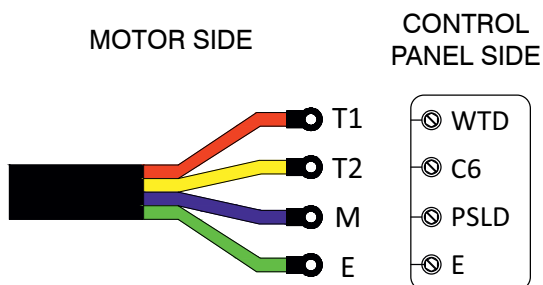
ATS CONNECTION POWER CABLE



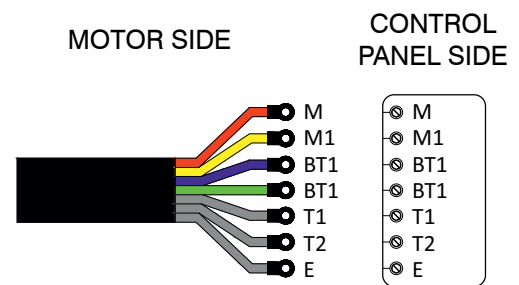
ATS CONNECTION 2 PARALLEL POWER CABLE



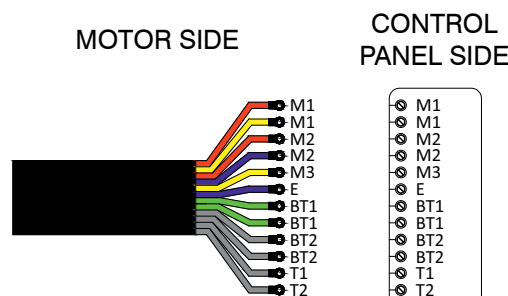
4 CORE CONNECTION CONTROL CABLE



7 CORE CONNECTION CONTROL CABLE



12 CORE CONNECTION CONTROL CABLE



Auto Coupling Details

Submersible Sewage Pumps Auto Coupling Details 2900 RPM

Auto Coupling Code	S31A	S41	S42
Model	2NSC12.5C3B	2NSC5C4A	2NSC30C4A
	2NSC15C3B	2NSC7.5C4A	2NSC40C4A
	2NSC20C3B	2NSC10C4A	
	2NSC20C2.5C	2NSC12.5C4A	
	2NSC25C3B	2NSC15C4A	
	2NSC25C2.5C	2NSC20C4A	
		2NSC25C4A	

Submersible Sewage Pumps Auto Coupling Details 1450 RPM

Auto Coupling Code	S41	S42	S43	S61	S81	S101	S121	S141
Model	4NSC2C4A	4NSC20C4A	4NSC40C4A	4NSC10C6B	4NSC40C8C	4NSC75C10C	4NSC120S12B	4NSC120S14D
	4NSC3C4A	4NSC25C4A	4NSC50C4A	4NSC12.5C6B	4NSC50C8C	4NSC85C10C	4NSC135S12B	4NSC135S14D
	4NSC3.0C4B	4NSC30C4A	4NSC60C4A	4NSC15C6B	4NSC60C8C	4NSC100S10C	4NSC150S12B	4NSC150S14C
	4NSC5C4A			4NSC20C6B	4NSC75C8B	4NSC120S10C	4NSC175S12B	4NSC175S14C
	4NSC5C4B			4NSC25C6B	4NSC85C8B	4NSC135S10C	4NSC200S12B	4NSC200S14C
	4NSC7.5C4A			4NSC30C6B	4NSC100S8B	4NSC150S10A		
	4NSC7.5C4B			4NSC40C6B	4NSC120S8A			
	4NSC10C4A			4NSC50C6B	4NSC135S8A			
	4NSC12.5C4A	4NSC60C6B						
	4NSC15C4A							

Submersible Sewage Pumps Auto Coupling Details 960 RPM

Auto Coupling Code	S61	S81	S101	S121	S141	S161	S181
Model	6NSC15C6A	6NSC15C8B	6NSC30C10D	6NSC30C12C	6NSC60C14E	6NSC120S16B	6NSC150S18B
	6NSC20C6A	6NSC20C8B	6NSC40C10B	6NSC40C12C	6NSC75C14E	6NSC135S16A	6NSC175S18B
	6NSC25C6A	6NSC25C8B	6NSC50C10B	6NSC50C12A	6NSC85C14B	6NSC150S16A	6NSC200S18B
	6NSC30C6A	6NSC30C8B	6NSC60C10D	6NSC60C12A	6NSC100S14B	6NSC175S16A	
	6NSC40C6A	6NSC40C8A	6NSC75C10B	6NSC75C12A	6NSC120S14C	6NSC200S16A	
		6NSC50C8A		6NSC85C12A	6NSC135S14B		
		6NSC60C8A		6NSC100S12A			
				6NSC120S12A			
				6NSC135S12A			

Submerged Centrifugal Pumps Auto Coupling Details 2900 RPM

Auto Coupling Code	S31A	S32	S43
Model	2W10C2.516	2W302.520	2W50C420
	2W12.5C2.516	2W40C2.526	2W60C420
	2W15C2.516	2W30C320	2W75C420
	2W20C2.516	2W40C320	
	2W25C2.520	2W50C326	
	2W15C316	2W60C326	
	2W20C316		
	2W25C316		

Auto Coupling Details

Submerged Centrifugal Pumps Auto Coupling Details 1450 RPM

Auto Coupling Code	S31A	S32	S41	S42	S43	S61	S61	S81	S101	S121
Model	4W10C2.532	4W20C332	4W10C420	4W20C426	4W40C440	4W20C526	4W30C626	4W85C840	4W40C1032	4W135C1240
	4W12.5C2.532		4W12.5C426	4W25C432	4W50C440	4W25C526	4W50C632	4W100C840	4W50C1032	4W150C1240
	4W15C2.532		4W15C426	4W30C432	4W60C450	4W30C532	4W60C640	4W120C840		4W175C1240
	4W10C326				4W75C450	4W40C532	4W75C640			4W200C1240
	4W12.5C326				4W85C450	4W50C540	4W85C640			
	4W15C332				4W100C450	4W60C540	4W100C640			
						4W75C540	4W135C652			
						4W85C540	4W150C652			
						4W100C540	4W175C652			
						4W120C545	4W200C652			
						4W135C545				

PSTSD Series Portable Submersible Pumps Auto Coupling Details 2900 RPM

Auto Coupling Code	S21	S31	S41
Model	PST0.5L-SD	PST1.0L-SD	PST-7.5M-SD
		PST1.5L-SD	PST-7.5H-SD
		PST2.0L-SD	PST-7.5HH-SD
		PST3.0L-SD	PST-10M-SD
		PST5.0M-SD	PST-10H-SD
			PST-10HH-SD

PSC Series Submersible Cutter Pumps Auto Coupling Details 2900 RPM

Auto Coupling Code	P23B-P23F	P30B-P30F
Model	PSTC1.0L	PSTC2.0L
		PSTC3.0L
		PSTC5.0M

PSGF Series Submersible Grinder Pumps Auto Coupling Details 2900 RPM

Auto Coupling Code	P22B-P12F	P23B-P23F
Model	PSTGF1.5H	PSTGF3.0H
	PSTGF2.0H	PSTGF3.0M
		PSTGF5.0H

PSNCV Series Submersible Vortex Pumps Auto Coupling Details 2900 RPM

Auto Coupling Code	P22B-P22F	P30B-P30F
Model	PSTNCV0.5L	PSTNCV3.0H
	PSTNCV1.0L	PSTNCV5.0H
	PSTNCV2.0H	PSTNCV7.5H
		PSTNCV10H



“ 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.”

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