



ENERGY EFFICIENT PUMPS

ARYEN MOTORS (INDIA) P. LTD.,

SINCE 1987



Performance Data Book

ISO 9001:2015

Certificate of Registration

This is to Certify that
Quality Management System of



ARYEN MOTORS INDIA PVT LTD.

SF.NO 128/1, NARASIMHANAICKEN PALAYAM POST, METTUPALAYAM
ROAD, COIMBATORE - 641031, TAMILNADU, INDIA

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

**DESIGN, MANUFACTURE, SUPPLY AND SERVICE OF BOREWELL
SUBMERSIBLE PUMPSETS AND OPENWELL SUBMERSIBLE PUMPSETS**
IAF CODE : 18

Certificate No	: 23EQLD78	Issuance Date	: 06/10/2023
Initial Registration Date	: 06/10/2023		
Date of Expiry	: 05/10/2026		
1st Surv. Due	: 06/09/2024	2nd Surv. Due	: 06/09/2025

[Signature]

Director



AQC GLOBAL LLC

Head Office: Office No. 02, Ground Floor, Sharjah Media City, Sharjah, UAE. e-mail: info@aqcworld.com.

Key Location: A-60, Sector - 2, Noida, Uttar Pradesh, 201301, India.

*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

Certificate Verification: Please Re-check the validity of certificate at <http://www.aqcworld.com/activeclients.aspx> or www.aqcworld.com at Active Clients.
Certificate is the property of AQCGlobal LLC and shall be returned immediately when demanded





ABOUT ARYEN

ARYEN MOTORS INDIA P.LTD., engaged in manufacturing a wide range of pumps and motors for the past three decades. We do cutting edge R & D and have unparalleled commitment to excellence. Our area of concentration are domestic and agriculture pumpsets namely Vertical and Horizontal Open well Submersible Pumps, 4", 5" and 6" Inch Bore well Submersible pumpsets, Monosets.etc.,

Our Company always keeps pace with the changing scenario of various field conditions, adopting latest development in design and manufacturing technique, with outstanding solutions every time. Every product we manufacture undergoes performance testing to suit the field requirements. At **ARYEN**, we believe firmly that our customers are our asset that constantly drives us to achieve stratospheric heights.

QUALITY POLICY

To be a Noble brand in providing energy efficient pumps, to all our customers in our chosen markets by,

- ★ Continual improvement in products, process & our quality management system.
- ★ Committed to meet the statutory & regulatory requirements.
- ★ By our dedicated efforts in involving and motivating our employees.

ARYEN MOTORS was established in the year 2002 and C.R. Shanmugha Sundaram, S. Sai Krishnan & K.Arthi are the Directors of the company.

Mr.C.R. Shanmughasundaram M.E., is the Managing Director of our company who has more than 43 years of experience in Mechanical, Electrical and Engineering fields. His Portfolios are Quality, Finance and R&D.

He has also held various honorary posts like:

- PRESIDENT SIEMA from 2006 to 2008
- PRESIDENT SI'TARC from 2009 to 2011
- VICE PRESIDENT COINDIA from 2012 to 2014

Mr. S. Saikrishnan B.E., (S.W.Prod) graduated from PSG College of Technology has been taking care of the day to day activities in Purchase, Production, Marketing & General Administration. He is ably assisted by sincere & well trained staff in all the departments for expertise.

GOVERNMENT OF ANDHRA PRADESH



BUILDINGS - SoR : 2019-2020

Andhra Pradesh - State Approved Brand

Procs. No. 20938/ Sor/ DCE(B)/ EE(B)/ DEE(B)/ AEE/2019 Dt. 18.07.2019

GOVERNMENT OF TELANGANA



COMMON SCHEDULE OF RATES AS PER
T.S. REVISED STANDARD DATA
FOR THE YEAR 2019-20
(Effective from 1st June, 2018)

BOARD OF CHIEF ENGINEERS

Telangana - State Approved Brand

GOVERNMENT OF KARNATAKA



ARYENVARSHA
is preferred brand in

**The Bangalore Water Supply
and Sewerage Board (BWSSB)**

GOVERNMENT OF KERALA



ARYENVARSHA
is preferred brand in

**KERALA WATER AUTHORITY
&
KERALA RURAL WATER SUPPLY
SANITATION AGENCY**



CONTENTS

150mm (V6) Submersible Pumpsets

9

100mm (V4) Submersible Pumpsets

20

Openwell Submersible Pumpsets

27

Monoblock Pumpsets

37

Self Priming Pumpsets

38

Single Phase Control Panel Selection Chart

40

Cable Selection Chart

41



PRODUCT RANGE



6" Borewell Submersible Pumpsets **Radial Flow - SR, AR & ARS Series**

Range - Upto 25 HP
Head - Upto 1800 Feet

6" Borewell Submersible Pumpsets **Mixed Flow - AM Series**

Range - Upto 25 HP
Discharge - Upto 72,000 lph



6" High Head SS Pumpsets

50 Feet - AR 50 Series
Range - Upto 25 HP
Discharge - Upto 49,000 lph



4" Borewell Submersible Pumpsets

GREEN Series

Range - Upto 2 HP

Head - Upto 750 Feet

4" Borewell Submersible Pumpsets

THREADED Series

Range - Upto 3 HP

Head - Upto 850 Feet



4" / 5" Motor Coupled with 4" Pumps

HDJ, HH, HD Series

Range - Upto 10 HP

Head - Upto 1500 Feet



**Vertical Openwell
Submersible Pumpsets
AVW, DR & DM Series**
Range - 3 HP to 60 HP
Discharge - Upto 2,50,000 lph

All our vertical openwell pumpsets are coupled models
(Motor & Pump Separate)

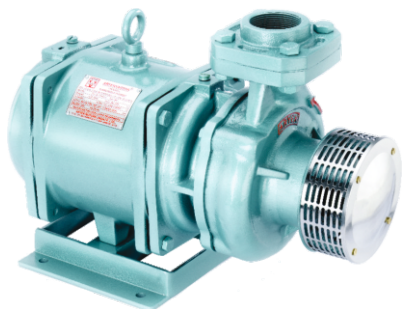
Vertical Openwell Submersible Pumpsets

VSR Series & AVR Series

**Vertical Openwell Submersible Motor
Coupled with 6" Radial Flow Pump
Range - 3 HP to 20 HP**



**Horizontal Openwell
Submersible Pumpsets
TURBO Series**
Range - 3 HP to 10 HP
Discharge - Upto 1,00,000 lph



Horizontal Openwell Submersible Pumpsets AQUA Series

**Range - 3 HP & 5 HP
Discharge - Upto 75,000 lph**

Domestic Monoblock Pumps

High Speed - ASM Series

Range - 0.5 HP to 2 HP

Slow Speed - DMA Series

Range - 0.5 HP & 1 HP



Domestic Self Priming, Jet & Openwell Pumps

Self Priming - VSP Series

Range - 0.5 HP & 1 HP

Horizontal Openwell - ASW Series

Range - 0.5 HP to 2 HP

Vertical Openwell Submersible - AWS & AWT Series

Range - 1 HP to 2 HP





SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

Max. Pumpset Diameter - 142 mm

RADIAL FLOW - SUPER SERIES SR-45 FEET HEAD PER STAGE

MATERIAL OF CONSTRUCTION IMPELLER : SS, DIFFUSER: CI

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 65 mm
				LPH	39600	32400	28800	25200	21600	14400	10800	7200	
				LPM	660	540	480	420	360	240	180	120	
				LPS	11	9	8	7	6	4	3	2	
1	SR 5/4	5	4	HEAD IN METERS	19	30	34	38	43	46	50	53	57
2	SR 6/5	6	5		24	38	43	48	54	58	63	66	71
3	SR 7/6	7.5	6		29	46	52	58	65	70	76	79	85
4	SR 10/8	10	8		39	61	69	77	87	93	101	105	113
5	SR 12/10	12.5	10		49	76	86	96	109	116	126	131	141
6	SR 15/12	15	12		59	91	103	115	131	139	151	157	169
7	SR 15/13	15	13		64	99	112	125	142	151	164	170	183
8	SR 17/14	17.5	14		69	107	121	135	153	163	177	183	197
9	SR 20/16	20	16		79	122	138	154	175	186	202	209	225
10	SR 25/20	25	20		99	153	173	193	219	233	253	261	281

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	32400	28800	25200	21600	18000	14400	10800	7200	
				LPM	540	480	420	360	300	240	180	120	
				LPS	9	8	7	6	5	4	3	2	
11	SR 3/3	3	3	HEAD IN METERS	14	20	26	32	33	35	37	40	43
12	SR 4/4	4	4		19	27	34	42	44	47	49	53	57
13	● SR 5/5	5	5		23	33	42	52	56	58	61	66	71
14	SR 6/6	6	6		28	40	50	62	66	70	73	79	85
15	SR 7/7	7.5	7		32	46	59	72	77	81	86	92	100
16	SR 7/8	7.5	8		36	52	67	83	88	93	98	106	114
17	SR 10/10	10	10		46	67	86	99	110	118	130	137	148
18	SR 12/12	12.5	12		55	80	103	119	132	142	156	164	178
19	SR15/15	15	15		69	100	129	148	165	177	195	205	222
20	SR 15/16	15	16		73	107	137	158	176	189	208	219	237
21	SR 17/16	17.5	16		76	110	141	162	181	194	212	226	242
22	SR 17/18	17.5	18		82	120	154	177	198	212	234	247	266
23	SR 20/18	20	18		86	124	159	182	204	218	241	255	273
24	SR 20/20	20	20		91	133	171	197	220	236	260	274	296
25	SR 25/22	25	22		100	146	188	217	242	260	286	301	326
26	SR 25/25	25	25		114	166	214	246	275	295	325	342	370

● ISI Marking

SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge									Shut Off
				LPH	27000	25200	23400	19800	18000	14400	10800	7200	
				LPM	450	420	390	330	300	240	180	120	
				LPS	7.5	7	6.5	5.5	5	4	3	2	
27	SR 3/4	3	4	HEAD IN METERS	13	16	21	30	33	40	x44	50	56
28	SR 4/5	4	5		16	20	26	38	40	50	55	63	70
29	● SR 5/6	5	6		17	24	33	50	53	61	68	75	84
30	SR 6/8	6	8		33	35	44	65	70	83	92	100	112
31	SR 7/10	7.5	10		39	43	55	81	88	104	115	125	140
32	SR 10/12	10	12		46	52	66	97	105	125	138	150	168
33	SR 12/15	12.5	15		56	69	83	116	127	153	169	188	210
34	SR 12/16	12.5	16		60	74	89	124	136	163	180	200	224
35	SR 15/18	15	18		61	75	101	141	155	184	207	225	252
36	SR 15/20	15	20		63	76	112	156	172	204	230	250	280
37	SR 17/20	17.5	20		67	78	118	164	180	215	240	258	284
38	SR 17/22	17.5	22		69	79	123	172	189	224	253	275	308
39	SR 20/25	20	25		79	90	140	195	215	255	288	313	350
40	SR 25/30	25	30		94	107	167	233	258	306	345	375	420

Delivery Size : 50 mm

S. No.	Model	HP	Stages	Discharge									Shut Off
				LPH	19800	18000	16200	15120	11880	10080	8280	5400	
				LPM	330	300	270	252	198	168	138	90	
				LPS	5.5	5	4.5	4.2	3.3	2.8	2.3	1.5	
41	SR 3/5	3	5	HEAD IN METERS	22	28	35	38	48	53	55	61	68
42	SR 4/6	4	6		26	34	42	45	57	63	66	74	81
43	SR 5/7	5	7		30	39	49	53	67	74	77	86	95
44	SR 5/8	5	8		34	45	56	60	76	84	88	98	108
45	SR 6/10	6	10		42	56	70	75	95	105	110	123	135
46	SR 7/12	7.5	12		51	68	84	90	114	126	132	148	162
47	SR 10/15	10	15		63	84	105	113	143	158	165	184	203
48	SR 10/16	10	16		67	90	112	120	152	168	176	197	216
49	SR 12/18	12.5	18		70	94	120	131	171	184	199	221	239
50	SR 12/20	12.5	20		78	104	133	146	190	204	220	246	265
51	SR 15/24	15	24		93	125	160	175	228	245	265	295	318
52	SR 15/25	15	25		97	130	167	182	238	255	276	307	330
53	SR 17/25	17.5	25		101	134	171	188	245	262	282	314	334
54	SR 17/28	17.5	28		108	146	187	204	266	286	309	344	371
55	SR 17/30	17.5	30		116	156	200	219	285	306	331	369	398
56	SR 20/30	20	30		120	160	205	225	292	314	340	380	402
57	SR 20/32	20	32		124	167	213	233	304	327	353	394	424
58	SR 20/35	20	35		135	182	233	255	333	357	386	430	464
59	SR 25/40	25	40		154	208	267	292	380	408	442	492	530

Delivery Size : 50 mm

● ISI Marking

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply
Max. Pumpset Diameter - 142 mm

RADIAL FLOW - AR SERIES

MATERIAL OF CONSTRUCTION IMPELLER : SS, DIFFUSER: CI

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	30600	25200	21600	18000	14400	12600	7200		
				LPM	510	420	360	300	240	210	120		
				LPS	8.5	7	6	5	4	3.5	2		
1	AR 3/3	3	3		14	23	28	31	32	34	36	38	
2	AR 4/4	4	4		19	30	37	42	43	45	48	51	
3	● ARE 5/5	5	5		24	38	46	52	54	56	60	64	
4	● ARE 6/6	6	6		29	46	55	62	65	67	72	77	
5	● AR 7/7	7.5	7		34	54	64	72	76	78	84	90	
6	● ARE 7/8	7.5	8		39	62	73	82	87	89	96	103	
7	● ARE 10/10	10	10		49	78	91	103	109	111	120	129	
8	AR 12/11	12.5	11		54	86	100	113	120	122	132	142	
9	● AR 12/12	12.5	12		59	94	109	123	131	133	144	155	
10	● AR 12/13	12.5	13		64	102	118	133	142	144	156	168	
11	● AR15/15	15	15		74	118	136	153	164	166	180	194	
12	● AR 15/16	15	16		79	126	145	163	175	177	192	207	
13	AR 17/16	17.5	16		82	129	148	166	178	180	195	210	
14	AR 17/17	17.5	17		87	137	157	176	189	191	207	223	
15	AR 17/18	17.5	18		92	145	166	186	200	202	219	236	
16	AR 20/18	20	18		95	148	169	189	203	205	222	239	
17	AR 20/20	20	20		106	164	188	210	226	228	247	266	
18	AR 25/22	25	22		117	180	207	231	249	251	272	293	
19	AR 25/25	25	25		133	205	235	263	283	285	309	333	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	27000	23400	19800	18000	14400	10800	7200		
				LPM	450	390	330	300	240	180	120		
				LPS	7.5	6.5	5.5	5	4	3	2		
20	AR 3/4	3	4		16	25	32	35	39	41	45	49	
21	● AR 4/5	4	5		20	32	40	44	48	52	56	61	
22	● ARE 5/6	5	6		24	38	48	53	58	62	67	73	
23	● AR 6/7	6	7		28	44	56	62	68	72	78	85	
24	● ARE 6/8	6	8		32	50	64	71	78	82	89	97	
25	● ARE 7/10	7.5	10		40	63	80	89	98	103	111	121	
26	● ARE 10/12	10	12		48	76	96	107	118	124	133	145	
27	● ARE 12/14	12.5	14		56	89	112	125	138	145	155	169	
28	● ARE 12/15	12.5	15		60	95	120	134	148	155	166	181	
29	● AR 12/16	12.5	16		64	101	128	143	158	165	177	193	
30	● AR 15/18	15	18		72	114	144	161	178	186	199	217	

● ISI Marking



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	27000	23400	19800	18000	14400	10800	7200		
				LPM	450	390	330	300	240	180	120		
				LPS	7.5	6.5	5.5	5	4	3	2		
31	● AR 15/20	15	20	HEAD IN METERS	80	127	160	179	198	207	221	241	
32	AR 17/20	17.5	20		83	130	163	182	201	210	224	244	
33	AR 17/22	17.5	22		91	143	179	200	221	231	246	268	
34	AR 20/25	20	25		103	163	203	227	251	263	280	305	
35	AR 25/30	25	30		124	196	244	272	301	316	336	366	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	21600	18000	14400	12600	10800	9000	5400		
				LPM	360	300	240	210	180	150	90		
				LPS	6	5	4	3.5	3	2.5	1.5		
36	● ARE 3/5	3	5	HEAD IN METERS	20	30	38	43	45	48	51	56	
37	● AR 4/6	4	6		24	36	46	52	54	58	62	68	
38	● AR 5/7	5	7		27	42	53	60	63	68	72	78	
39	● ARE 5/8	5	8		30	48	60	68	72	76	83	88	
40	● AR 6/10	6	10		38	60	76	85	91	95	102	110	
41	● ARE 7/12	7.5	12		45	72	90	103	109	114	123	132	
42	● ARE 10/15	10	15		57	90	113	128	135	143	151	165	
43	● ARE 10/16	10	16		60	95	120	136	144	152	163	175	
44	● ARE 12/18	12.5	18		72	110	140	158	167	177	186	203	
45	● ARE 12/20	12.5	20		80	122	155	170	180	190	198	220	
46	● ARE 15/24	15	24		90	146	183	206	216	230	250	265	
47	● ARE 15/25	15	25		100	152	190	214	225	238	260	276	
48	AR 17/25	17.5	25		104	156	194	218	230	242	266	280	
49	● ARE 17/28	17.5	28		107	166	210	238	252	269	295	320	
50	● ARE 17/30	17.5	30		112	178	225	255	270	288	305	335	
51	● ARE 20/30	20	30		116	180	227	258	272	290	320	345	
52	● ARE 20/32	20	32		120	192	242	275	290	305	335	355	
53	AR 20/35	20	35		131	210	265	300	317	333	358	388	
54	AR 25/40	25	40		150	240	303	343	362	381	420	443	

● ISI Marking



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model		HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
					LPH	16200	14400	12960	11880	10080	7200	3600		
					LPM	270	240	216	198	168	120	60		
					LPS	4.5	4	3.6	3.3	2.8	2	1		
55	●	AR 3/6	3	6	HEAD IN METERS	33	40	45	50	53	57	61	70	
56	●	AR 4/8	4	8		44	54	60	67	71	76	82	94	
57	●	ARE 5/10	5	10		54	65	74	82	88	95	102	113	
58	●	AR 6/12	6	12		67	78	90	98	106	112	122	136	
59	●	ARE 7/14	7.5	14		77	90	104	117	126	135	143	165	
60	●	ARE 7/15	7.5	15		82	96	111	125	135	144	153	175	
61	●	ARE 7/16	7.5	16		88	103	119	134	145	154	163	188	
62	●	ARE 10/18	10	18		92	111	131	146	158	167	184	203	
63	●	ARE 10/20	10	20		102	130	145	162	175	185	204	226	
64	●	AR 12/22	12.5	22		99	124	154	173	191	206	224	248	
65	●	ARE 12/24	12.5	24		108	132	168	188	208	224	245	271	
66	●	ARE 12/25	12.5	25		120	138	175	196	217	234	255	282	
67	●	ARE 12/27	12.5	27		130	150	190	212	235	253	276	305	
68	●	ARE 15/28	15	28		135	156	197	220	244	263	286	316	
69	●	ARE 15/30	15	30		140	165	210	235	260	280	306	339	
70	●	ARE 17/32	17.5	32		149	176	224	251	277	299	326	362	
71	●	ARE 17/33	17.5	33		154	182	231	259	286	308	337	373	
72	●	ARE 17/35	17.5	35		170	196	250	280	300	323	357	395	
73	●	ARE 20/38	20	38		185	213	271	304	325	350	388	429	
74	●	ARE 20/40	20	40		195	225	285	320	345	370	408	452	
75		AR 25/45	25	45		219	253	321	360	388	416	460	508	
76		AR 25/50	25	50		244	281	356	400	431	462	510	565	

S. No.	Model	HP	Stages	Discharge									Shut Off
				LPH	16560	12960	11520	10080	9000	7200	3600		
				LPM	276	216	192	168	150	120	60		
				LPS	4.6	3.6	3.2	2.8	2.5	2	1		
77	● AR 3/8	3	8	HEAD IN METERS	27	48	56	62	67	74	80	90	
78	● AR 4/10	4	10		34	60	70	78	84	93	100	113	
79	● ARE 5/12	5	12		40	72	84	92	100	110	120	136	
80	● AR 6/15	6	15		50	90	105	114	125	138	150	170	
81	● AR 7/18	7.5	18		60	108	126	139	149	162	180	203	
82	● ARE 7/20	7.5	20		66	120	140	154	165	180	200	226	
83	● AR 10/22	10	22		75	125	150	163	173	206	220	249	
84	● ARE 10/24	10	24		81	140	168	182	195	213	240	270	
85	● ARE 10/25	10	25		85	147	175	190	205	222	250	283	
86	● ARE 12/28	12.5	28		95	165	196	213	230	245	280	316	
87	● ARE 12/30	12.5	30		100	180	210	232	250	270	295	339	
88	● ARE 15/33	15	33		110	198	231	255	275	297	330	373	

Delivery Size : 50 mm

● ISI Marking



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	16560	12960	11520	10080	9000	7200	3600		
				LPM	276	210	192	168	150	120	60		
				LPS	4.6	3.6	3.2	2.8	2.5	2	1		
89	● ARE 15/35	15	35	HEAD IN METERS	116	210	245	266	291	321	350	396	
90	● ARE 15/37	15	37		123	222	259	281	308	340	370	418	
91	AR 15/40	15	40		133	240	280	302	330	365	400	452	
92	AR 17/40	17.5	40		134	242	281	306	334	367	410	456	
93	AR 20/45	20	45		157	239	302	333	360	385	450	508	
94	AR 20/50	20	50		174	265	335	370	400	428	500	565	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	11880	9360	8280	7200	5760	4680	2880		
				LPM	198	156	138	120	96	78	48		
				LPS	3.3	2.6	2.3	2	1.6	1.3	0.8		
95	AR 3/9	3	9	HEAD IN METERS	41	54	67	72	81	86	92	96	
96	● AR 3/10	3	10		46	60	74	80	90	96	102	107	
97	● ARE 5/13	5	13		60	78	96	104	117	125	131	140	
98	● ARE 5/14	5	14		64	84	104	112	126	134	141	150	
99	● ARE 5/15	5	15		69	90	111	120	135	144	153	161	
100	AR 5/17	5	17		78	102	126	136	153	163	173	182	
101	● ARE 6/18	6	18		83	108	133	144	162	173	184	193	
102	● ARE 6/20	6	20		92	120	148	160	180	192	204	214	
103	● ARE 7/21	7.5	21		97	126	155	168	189	202	214	226	
104	● ARE 7/22	7.5	22		101	132	163	176	198	211	224	237	
105	● ARE 7/23	7.5	23		106	138	170	184	207	221	235	247	
106	● ARE 7/24	7.5	24		110	144	178	192	216	230	245	258	
107	● ARE 7/25	7.5	25		115	150	185	200	225	240	255	269	
108	● ARE 10/30	10	30		160	200	235	260	280	300	306	334	
109	AR 12/35	12.5	35		187	233	274	303	326	350	357	389	
110	AR 12/40	12.5	40		213	266	313	347	373	400	408	445	
111	AR 15/45	15	45		240	299	352	390	420	450	459	501	
112	AR 15/50	15	50		265	330	390	430	460	490	500	550	
113	AR 17/50	17.5	50		266	333	391	434	466	500	510	550	



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge										Shut Off	Delivery Size : 50 mm
				LPH	11520	10800	9000	7920	7200	6300	5400	4500	3600		
				LPM	192	180	150	132	12	105	90	75	60		
				LPS	3.2	3	2.5	2.2	2	1.75	1.5	1.25	1		
114	AR 3/12	3	12	HEAD IN METERS	20	35	60	73	82	93	100	105	110	121	
115	AR 5/20	5	20		34	50	80	108	122	141	152	165	172	195	
116	AR 6/25	6	25		43	60	100	135	153	176	193	208	221	244	
117	AR 7/30	7.5	30		50	65	132	170	186	210	232	250	265	292	
118	AR 10/35	10	35		58	70	154	198	217	245	271	292	309	341	
119	AR 10/40	10	40		66	80	175	226	248	280	309	333	353	390	
120	AR 12/45	12.5	45		75	90	198	255	279	315	348	375	398	439	
121	AR 12/50	12.5	50		83	100	220	283	310	350	387	417	442	488	

SPECIAL PUMPSETS

Performance Charts at 2900 rpm, 1Ø, 240Volts, 50Hz AC Supply

V6 (150 mm) Single Phase Submersible Pumpsets

S.No.	Model	HP	Stage	Running Capacitor	Head Range (m)	Discharge (lpm)
1	ARS 3/3	3	3	120 mfd, 440V AC	17 / 33	500 / 240
2	ARS 3/4	3	4	120 mfd, 440V AC	18 / 40	420 / 220
3	ARS 3/5	3	5	120 mfd, 440V AC	20 / 50	330 / 180
4	ARS 3/6	3	6	120 mfd, 440V AC	35 / 55	260 / 120
5	ARS 3/8	3	8	120 mfd, 440V AC	45 / 70	210 / 90
6	ARS 3/9	3	9	120 mfd, 440V AC	45 / 81	180 / 80
7	ARS 3/10	3	10	120 mfd, 440V AC	45 / 90	180 / 60
8	ARS 5/4	5	4	150 mfd, 440V AC	30 / 42	500 / 240
9	ARS 5/5	5	5	150 mfd, 440V AC	25 / 55	500 / 240
10	ARS 5/6	5	6	150 mfd, 440V AC	26 / 60	420 / 240
11	ARS 5/8	5	8	150 mfd, 440V AC	32 / 80	330 / 180
12	ARS 5/10	5	10	150 mfd, 440V AC	58 / 90	260 / 120
13	ARS 5/12	5	12	150 mfd, 440V AC	65 / 105	210 / 90
14	ARS 5/15	5	15	150 mfd, 440V AC	68 / 130	180 / 60
15	ARS 5/17	5	17	150 mfd, 440V AC	75 / 143	180 / 60



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply
Max. Pumpset Diameter - 145 mm

MIXED FLOW - AM SERIES

MATERIAL OF CONSTRUCTION - IMPELLER : SS, BOWL : CI / SS

Patta Type

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 65 mm
				LPH	39600	32400	28800	25200	21600	18000	14400		
				LPM	660	540	480	420	360	300	240		
				LPS	11	9	8	7	6	5	4		
1	AM 3/3	3	3	HEAD IN METERS	12	19	21	23	25	27	29	33	
2	● AME 5/5	5	5		20	31	34	38	41	45	48	55	
3	● AME 6/6	6	6		24	37	41	46	50	54	59	65	
4	● AM 7/7	7.5	7		28	44	48	54	58	63	68	76	
5	AM 7/8	7.5	8		32	49	54	61	65	70	77	87	
6	AM 10/9	10	9		36	56	62	68	74	80	87	98	
7	● AM 10/10	10	10		40	62	68	76	83	90	97	110	
8	AM 12/12	12.5	12		48	75	82	92	98	107	115	130	
9	AM 15/15	15	15		60	93	102	114	123	135	145	163	

Patta Type

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 65 mm
				LPH	46800	39600	32400	28800	25200	21600	14400		
				LPM	780	660	540	480	420	360	240		
				LPS	13	11	9	8	7	6	4		
10	● AME 5/4	5	4	HEAD IN METERS	14	25	31	35	37	39	42	44	
11	● AME 6/5	6	5		16	28	36	42	46	48	51	56	
12	● AME 7/6	7.5	6		20	35	45	50	54	56	61	66	
13	● AM 10/8	10	8		26	46	60	66	73	75	82	90	
14	● AM 12/10	12.5	10		33	59	76	84	91	94	100	112	
15	● AM 15/12	15	12		40	70	90	101	108	113	120	132	
16	AM 17/14	17.5	14		46	81	106	116	126	132	140	155	
17	AM 20/16	20	16		53	94	120	133	145	151	162	176	

Stud Type

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 65 mm
				LPH	46800	39600	32400	28800	25200	21600	14400		
				LPM	780	660	540	480	420	360	240		
				LPS	13	11	9	8	7	6	4		
18	● AM 3/3 SU	3	3	HEAD IN METERS		12	19	21	23	25	29	33	
19	● ● AME 5/4 SU	5	4		14	25	29	35	37	39	42	44	
20	● ● AME 5/5 SU	5	5			20	31	34	38	41	48	55	
21	● ● AME 6/5 SU	6	5		16	28	36	42	46	48	51	56	
22	● ● AME 6/6 SU	6	6			24	37	41	48	50	59	65	

Note : Delivery Size 75 mm (3") available on request at same price.

SU - Stud Type Bowls

● ISI Marking ● AMS Models - SS Bowl with SS Impeller



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

Stud Type

S. No.	Model	HP	Stages		Discharge								Shut Off	Delivery Size : 65 mm
					LPH	46800	39600	32400	28800	25200	21600	14400		
					LPM	780	660	540	480	420	360	240		
					LPS	13	11	9	8	7	6	4		
23	● AME 7/6 SU	7.5	6	HEAD IN METERS		20	35	45	50	54	56	61	66	
24	● AM 7/7 SU	7.5	7				28	44	48	56	58	68	76	
25	● AM 7/8 SU	7.5	8				32	49	54	61	65	77	87	
26	● AM 10/8 SU	10	8		26	46	60	66	73	75	82	90	98	
27	● AM 10/9 SU	10	9				36	56	62	68	74	87	98	
28	● AM 10/10 SU	10	10				40	62	68	76	83	97	110	
29	● AM 12/10 SU	12.5	10		33	59	76	84	91	94	100	112	132	
30	● AM 15/12 SU	15	12		40	70	90	101	108	113	120	132	132	
31	● AM 20/16 SU	20	16		53	93	120	135	145	151	161	177	177	

Note : Delivery Size 75 mm (3") available on request at same price.

S. No.	Model	HP	Stages		Discharge								Shut Off	Delivery Size : 75 mm
					LPH	59400	50400	39600	28800	21600	18000	14400		
					LPM	990	840	660	480	360	300	240		
					LPS	16.5	14	11	8	6	5	4		
32	● AM 3/2	3	2	HEAD IN METERS		11	12	14	16	18	20	21	23	
33	● AM 5/3	5	3			17	19	25	26	28	30	31	33	
34	● AM 6/4	6	4			21	23	27	32	36	38	40	44	
35	● AM 7/5	7.5	5			26	30	35	40	44	47	50	55	
36	● AM 10/6	10	6			33	38	50	52	56	60	61	66	
37	● AM 12/8	12.5	8			41	48	56	64	72	76	80	88	
38	● AM 15/9	15	9			46	54	63	72	80	85	89	100	
39	● AM 15/10	15	10			51	60	70	80	88	95	100	110	
40	● AM 20/12	20	12			61	72	85	96	108	115	125	133	
41	● AM 25/16	25	16			82	97	114	129	145	154	167	178	

S. No.	Model	HP	Stages		Discharge								Shut Off	Delivery Size : 75 mm
					LPH	72000	59400	48600	37800	27000	21600	14400		
					LPM	1200	990	810	630	450	360	24		
					LPS	20	16.5	13.5	10.5	7.5	6	4		
42	AM 5/2	5	2	HEAD IN METERS		6	12	14	17	20	22	23	25	
43	AM 6/3	6	3			8	18	22	26	31	34	35	36	
44	AM 7/4	7.5	4			11	23	29	34	40	44	46	48	
45	AM 10/5	10	5			14	29	37	43	50	55	57	60	
46	AM 12/6	12.5	6			17	34	44	52	60	66	69	72	
47	AM 15/7	15	7			20	43	53	61	72	79	82	86	
48	AM 15/8	15	8			22	45	59	69	80	88	91	95	
49	AM 20/10	20	10			28	57	76	88	100	110	114	120	
50	AM 25/12	25	12			33	68	91	105	120	132	138	142	

Note : Delivery Size 100 mm (4") available on request at same price.

● ISI Marking ● AMS Models - SS Bowl with SS Impeller

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.

SU - Stud Type Bowls

SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

Max. Pumpset Diameter - 142 mm

RADIAL FLOW - AR 50 SERIES 50 FEET HEAD PER STAGE

MATERIAL OF CONSTRUCTION - IMPELLER : SS, DIFFUSER : SS

S. No.	Model	HP	Stages	Discharge							Shut Off	Delivery Size : 50 mm
				LPH	23400	21600	18000	16200	14400	12600	7200	
				LPM	390	360	300	270	240	210	120	
				LPS	6.5	6	5	4.5	4	3.5	2	
1	AR 50 - 5/5	5	5	HEAD IN METERS	33	40	50	55	62	67	71	76
2	AR 50 - 6/6	6	6		39	48	60	66	74	80	86	92
3	● AR 50 - 7/8	7.5	8		51	64	80	88	98	106	112	122
4	● AR 50 E - 10/10	10	10		63	80	100	110	122	132	142	155
5	● AR 50 E - 12/11	12.5	11		69	89	110	121	134	146	155	168
6	● AR 50 E - 12/12	12.5	12		75	95	120	132	146	158	170	180
7	AR 50 E - 15/15	15	15		93	118	150	165	183	197	212	225

S. No.	Model	HP	Stages	Discharge							Shut Off	Delivery Size : 50 mm
				LPH	18000	16200	14400	12600	9000	7200	3600	
				LPM	300	270	240	210	150	120	60	
				LPS	5	4.5	4	3.5	2.5	2	1	
8	AR 50 - 5/6	5	6	HEAD IN METERS	35	47	58	63	77	85	88	90
9	AR 50 - 6/8	6	8		48	64	78	85	102	112	117	122
10	● AR 50 - 7/10	7.5	10		60	81	98	117	127	138	145	150
11	AR 50 - 10/12	10	12		72	97	118	129	152	165	172	180
12	AR 50 - 12/15	12.5	15		90	121	147	161	190	206	215	225
13	AR 50 - 12/16	12.5	16		96	103	157	172	203	220	229	240

S. No.	Model	HP	Stages	Discharge							Shut Off	Delivery Size : 65 mm
				LPH	28800	27000	23400	21600	18000	12600	7200	
				LPM	480	450	390	360	300	210	120	
				LPS	8	7.5	6.5	6	5	3.5	2	
14	AR 50 - 5/4	5	4	HEAD IN METERS	30	35	40	42	47	57	58	60
15	AR 50 - 6/5	6	5		37	44	50	54	60	71	72	75
16	AR 50 - 7/6	7.5	6		42	53	60	65	72	85	87	90
17	AR 50 - 10/8	10	8		55	70	80	87	97	112	115	120
18	AR 50 - 12/10	12.5	10		68	88	100	110	122	140	144	150
19	AR 50 - 15/12	15	12		80	105	120	132	147	167	172	180



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 65 mm
				LPH	36000	32400	30600	27000	23400	19800	14400		
				LPM	600	540	510	450	390	330	240		
				LPS	10	9	8.5	7.5	6.5	5.5	4		
20	AR 50 - 3/2			HEAD IN METERS									
21	AR 50 - 5/3	5	3		18	22	23	32	38	41	42	45	
22	AR 50 - 6/4	6	4		24	30	32	42	50	54	56	60	
23	AR 50 - 7/5	7.5	5		30	37	41	52	61	67	70	75	
24	AR 50 - 10/6	10	6		36	45	50	62	73	79	84	90	
25	AR 50 - 12/8	12.5	8		48	60	67	82	95	104	110	120	
26	AR 50 - 15/10	15	10		60	75	85	102	118	129	138	150	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 65 mm
				LPH	48600	43200	39600	36000	30600	27000	18000		
				LPM	810	720	660	600	510	450	300		
				LPS	13.5	12	11	10	8.5	7.5	5		
27	AR 50 - 6/3	6	3	HEAD IN METERS	17	28	31	35	36	38	42	45	
28	AR 50 - 7/4	7.5	4		22	35	40	45	47	50	55	60	
29	AR 50 - 10/5	10	5		27	43	49	55	58	63	69	75	
30	AR 50 - 12/6	12.5	6		32	50	58	65	70	75	82	90	
31	AR 50 - 15/7	15	7		37	58	65	75	81	88	95	105	
32	AR 50 - 15/8	15	8		42	65	75	85	92	100	110	120	

Note : Delivery Size 75 mm (3") available on request at same price.

● ISI Marking

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



SELECTION CHART FOR 100mm (4") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 1Ø, 240 Volts / 50 Hz AC Supply
Max. Pumpset Diameter - 98 mm

GREEN SERIES - GS & GSD SINGLE PHASE RANGE

MATERIAL OF CONSTRUCTION - IMPELLER & DIFFUSER : NORYL

S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 32mm
				LPH	4680	4320	3600	3240	2880	2520	2160	1620	1080	720	360		
				LPM	78	72	60	54	48	42	36	27	18	12	6		
1	GS 1012	1	12	HEAD IN METERS	8	13	17	24	31	43	56	62	70	78	82	87	
2	GS 1014	1	14		9	15	20	28	36	50	62	72	82	91	95	101	
3	GS 1518	1.5	18		12	19	26	36	46	64	80	96	105	117	123	130	
4	GS 1521	1.5	21		14	22	30	42	54	75	93	108	123	137	145	152	
5	GS 2025	2	25		17	27	36	50	64	89	111	130	146	164	174	182	
6	GS 2030	2	30		20	32	43	60	77	107	133	156	175	197	210	218	
S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 32mm
				LPH	4680	4320	3600	3240	2880	2520	2160	1620	1080	720	360		
				LPM	78	72	60	54	48	42	36	27	18	12	6		
7	GS 1009	1	9	HEAD IN METERS	21	26	36	42	46	50	53	59	62	64	66	68	
8	GS 1514	1.5	14		38	43	63	70	76	82	87	93	98	102	104	108	
9	GS 2016	2	16		59	64	80	84	92	96	100	106	110	115	117	120	
10	GS 2018	2	18		43	56	77	87	95	104	110	119	126	133	135	139	
11	GS 2020	2	20		48	62	86	93	106	115	122	132	140	148	151	154	
S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 40mm
				LPH	6480	5760	5040	4320	3600	3240	2880	2520	2160	1440	1080		
				LPM	108	96	84	72	60	54	48	42	36	24	18		
12	GS 1007	1	7	HEAD IN METERS	6	10	19	27	35	37	40	42	44	48	51	55	
13	GS 1510	1.5	10		9	16	32	45	53	59	62	66	68	72	75	79	
14	GS 2015	2	15		13	22	40	57	75	79	86	90	95	106	110	116	
S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 32mm
				LPH	4320	3960	3600	2880	2520	2160	1800	1440	1080	720			
				LPM	72	66	60	48	42	36	30	24	18	12			
15	GSD 1015	1	15	HEAD IN METERS	11	21	33	51	59	64	71	72	83	90	96		
16	GSD 1518	1.5	18		13	26	39	62	71	77	86	93	99	108	116		
17	GSD 1521	1.5	21		15	30	46	72	83	90	100	109	116	122	134		
18	GSD 1525	1.5	25		18	36	50	75	88	102	113	122	130	138	156		
19	GSD 2030	2	30		21	42	66	103	119	128	143	156	166	175	190		
S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 32mm
				LPH	5760	5400	5040	4680	4320	3960	3600	3240	2880	1800			
				LPM	96	90	84	78	72	66	60	54	48	30			
20	GSD 1010	1	10	HEAD IN METERS	16	20	27	30	34	38	40	44	47	51	58		
21	GSD 1515	1.5	15		24	30	40	46	51	57	60	66	70	78	86		
22	GSD 2020	2	20		32	40	52	60	68	76	80	88	92	100	115		
23	GSD 2025	2	25		40	50	65	75	85	95	100	110	115	128	143		
S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 40mm
				LPH	9000	8280	7920	7200	6300	5400	4500	3600	2880	1800			
				LPM	150	138	132	120	105	90	75	60	48	30			
24	GSD 1007	1	7	HEAD IN METERS			12	16	20	28	30	32	34	38	40		
25	GSD 1510	1.5	10				17	23	29	40	43	46	49	54	57		
26	GSD 2015	2	15			21	26	35	44	60	65	69	74	81	86		
S. No.	Model	HP	Stages	Discharges												Shut Off	Delivery Size : 50mm
				LPH	10800	9900	9000	8280	7920	7200	6300	5400	4500	2880			
				LPM	180	165	150	138	132	120	105	90	75	48			
27	GSD 1005	1	5	HEAD IN METERS			5	17	21	22	23	24	25	29	33		
28	GSD 1507	1.5	7		10	16	21	24	27	32	37	39	42	44	45		
29	GSD 2010	2	10		18	24	32	35	40	46	51	53	58	62	65		



SELECTION CHART FOR 100mm (4") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 1Ø, 240Volts / 3Ø, 400Volts / 50Hz AC Supply
Max. Pumpset Diameter - 98 mm

TS / TT - THREADED SINGLE & THREE PHASE

MATERIAL OF CONSTRUCTION - IMPELLER & DIFFUSER : NORYL

S. No.	Model	HP	Stages	Discharge												Shut Off
				LPH	4680	4320	3600	3240	2880	2520	2160	1620	1080	720	360	
				LPM	78	72	60	54	48	42	36	27	18	12	6	
1	TS 0507	0.5	7	HEAD IN METERS			10	14	18	25	31	36	41	46	49	51
2	TS 0710	0.75	10				14	20	26	36	44	48	59	66	69	73
3	● TSE / TT 1012	1	12		8	13	17	24	31	43	56	62	70	78	82	87
4	● TSE / TT 1014	1	14		9	15	20	28	36	50	62	72	82	91	95	101
5	● TSE / TT 1518	1.5	18		12	19	26	36	46	64	80	96	105	117	123	130
6	● TSE / TT 1521	1.5	21		14	22	30	42	54	75	93	108	123	137	145	152
7	● TSE / TT 2025	2	25		17	27	36	50	64	89	111	130	146	164	174	182
8	● TSE / TT 2030	2	30		20	32	43	60	77	107	133	156	175	197	210	218

Delivery Size : 32 mm

S. No.	Model	HP	Stages	Discharge												Shut Off
				LPH	4680	4320	3600	3240	2880	2520	2160	1620	1080	720	360	
				LPM	78	72	60	54	48	42	36	27	18	12	6	
9	● TSE / TT 1009	1	9	HEAD IN METERS	21	26	36	42	46	50	53	59	62	64	66	68
10	● TSE / TT 1514	1.5	14		38	43	63	70	76	82	87	93	98	102	104	108
11	● TSE / TTE 2016	2	16		59	64	80	84	92	96	100	106	110	115	117	120
12	● TSE / TTE 2018	2	18		43	56	77	87	95	104	110	119	126	133	135	139
13	TS / TT 2020	2	20		48	62	86	93	106	115	122	132	140	148	151	154
14	● TS / TT 3025	3	25		60	75	100	123	133	138	148	165	172	180	182	186
15	● TSE / TTE 3030	3	30		72	90	120	148	160	166	178	198	206	215	219	223

Delivery Size : 32 mm

S. No.	Model	HP	Stages	Discharge												Shut Off
				LPH	6480	5760	5040	4320	3600	3240	2880	2520	2160	1440	1080	
				LPM	108	96	84	72	60	54	48	42	36	24	18	
16	TS / TT 1007	1	7	HEAD IN METERS	6	10	19	27	35	37	40	42	44	48	51	55
17	TS / TT 1510	1.5	10		9	16	32	45	53	59	62	66	68	72	75	79
18	TS / TT 2015	2	15		13	22	40	57	75	79	86	90	95	106	110	116
19	TS / TT 3022	3	22		20	35	71	100	117	130	137	145	150	162	166	172

Delivery Size : 40 mm

Note : Stainless Steel (SS) NRV & Suction IB available on special order basis.

● ISI Marking



SELECTION CHART FOR 100mm (4") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 1Ø, 240Volts / 3Ø, 400Volts / 50Hz AC Supply

TSD / TTD - THREADED SINGLE & THREE PHASE HIGH DISCHARGE

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	4320	3960	3600	2880	2520	2160	1800	1440	1080	720	
				LPM	72	66	60	48	42	36	30	24	18	12	
20	TSD / TTD 1015	1	15	HEAD IN METERS	11	21	33	51	59	64	71	78	83	90	96
21	TSD / TTD 1518	1.5	18		13	26	39	62	71	77	86	93	99	108	116
22	TSD / TTD 1521	1.5	21		15	30	46	72	83	90	100	109	116	122	134
23	TSD / TTD 1525	1.5	25		18	36	50	75	88	102	113	122	130	138	156
24	TSD / TTD 2030	2	30		21	43	66	103	119	128	143	156	166	175	190

Delivery Size : 32 mm

S. No.	Model	HP	Stage	Discharge											Shut Off
				LPH	5760	5400	5040	4680	4320	3960	3600	3240	2880	1800	
				LPM	96	90	84	78	72	66	60	54	48	30	
25	TSD / TTD 1010	1	10	HEAD IN METERS	16	20	27	30	34	38	40	44	47	51	58
26	TSD / TTD 1515	1.5	15		24	30	40	46	51	57	60	66	70	78	86
27	TSD / TTD 2020	2	20		32	40	52	60	68	76	80	88	92	100	115
28	TSD / TTD 2025	2	25		40	50	65	75	85	95	100	110	115	128	143
29	TSD / TTD 3030	3	30		48	60	78	90	102	114	120	132	138	155	172

Delivery Size : 32 mm

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	9000	8280	7920	7200	6300	5400	4500	3600	2880	1800	
				LPM	150	138	132	120	105	90	75	60	48	30	
30	TSD / TTD 1007	1	7	HEAD IN METERS			12	16	20	28	30	32	34	38	40
31	TSD / TTD 1510	1.5	10				17	23	29	40	43	46	49	54	57
32	TSD / TTD 2015	2	15			21	26	35	44	60	65	69	74	81	86
33	TSD / TTD 3020	3	20			28	35	47	59	80	87	92	99	108	115
34	TSD / TTD 3022	3	22		27	31	39	52	65	88	96	101	109	118	127

Delivery Size : 40 mm

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	10800	9900	9000	8280	7920	7200	6300	5400	4500	2880	
				LPM	180	165	150	138	132	120	105	90	75	48	
35	TSD / TTD 1005	1	5	HEAD IN METERS			5	17	21	22	23	24	25	29	33
36	TSD / TTD 1507	1.5	7		10	16	21	24	27	32	37	39	42	44	45
37	TSD / TTD 2010	2	10		18	24	32	35	40	46	51	53	58	62	65
38	TSD / TTD 3015	3	15		20	31	42	52	58	63	70	78	85	90	96

Note : Stainless Steel (SS) NRV & Suction IB available on special order basis.

Delivery Size : 50 mm

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



SELECTION CHART FOR 130mm (5") & ABOVE DIA. BOREWELLS

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

Max. Pumpset Diameter - 130 mm

HDJ - HIGH DEPTH JACKET MODELS

MATERIAL OF CONSTRUCTION - IMPELLER & DIFFUSER : NORYL

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	5400	4320	3600	3060	2520	2160	1800	1620	1080	720	
					LPM	90	72	60	51	42	36	30	27	18	12	
1	HDJ 4040	V4	4	40	HEAD IN METERS	88	120	152	184	200	216	240	256	268	280	296
2	● HDJ-E 5050	V4 / V5	5	50		110	150	190	230	250	270	300	320	335	350	370
3	● HDJ-E 6060	V5	6	60		135	190	250	300	330	350	370	390	410	425	444

Delivery Size : 32 mm

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	3600	3060	2520	2160	1800	1620	1440	1080	720	360	
					LPM	60	51	42	36	30	27	24	18	12	6	
4	1Ø HDJ 3035	V4	3	35	HEAD IN METERS	50	83	123	155	173	180	190	205	228	240	253
5	● 1Ø HDJ-E 3040	V4	3	40		57	95	141	177	198	206	217	234	261	274	289
6	HDJ 4050	V4	4	50		71	119	176	221	247	257	271	293	326	338	361

Note : 3 Phase V4 - 3HP Motor available on request at same price.

Delivery Size : 32 mm

HH - HIGH HEAD MODELS

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	7200	6480	5760	5400	5040	4680	4320	3600	2880	1800	
					LPM	120	108	96	90	84	78	72	60	48	30	
7	HH 4020	V4	4	20	HEAD IN METERS	56	80	90	96	104	110	114	120	132	140	150
8	HH 5025	V4 / V5	5	25		70	100	112	120	130	137	142	150	165	175	187
9	HH 6030	V5	6	30		100	120	140	150	158	167	178	185	198	210	225
10	HH 7540	V5	7.5	40		120	140	167	195	210	220	230	240	270	280	295

Delivery Size : 50 mm

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	6480	5760	5040	4320	3600	3240	2880	2520	2160	1800	
					LPM	108	96	84	72	60	54	48	42	36	30	
11	HH 4028	V4	4	28	HEAD IN METERS	66	80	98	125	160	174	183	191	194	204	220
12	HH 5035	V4 / V5	5	35		83	100	122	155	200	218	229	239	243	256	280
13	HH 5042	V5	5	42		98	117	151	185	244	255	268	281	288	300	328
14	HH 6042	V5	6	42		100	120	155	190	250	262	275	288	295	308	336
15	HH 7554	V5	7.5	54		130	154	200	250	300	325	354	370	380	396	430

Delivery Size : 40 mm

Note :

1. Single Phase V5 - 5 HP Motor available on special order basis.
2. Stainless Steel (SS) NRV & Suction IB available on special order basis.

● ISI Marking



SELECTION CHART FOR 130mm (5") & ABOVE DIA. BOREWELLS

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

HD - HIGH DISCHARGE MODELS

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	9900	9000	8280	7920	7200	6300	5400	4500	3600	1800	
					LPM	165	150	138	132	120	105	90	75	60	30	
16	HD 4020	V4	4	20	HEAD IN METERS	48	64	76	80	88	100	108	112	116	121	130
17	HD 5025	V4 / V5	5	25		60	80	95	100	110	125	135	140	145	154	164
18	HD 6030	V5	6	30		65	75	100	120	130	150	160	170	180	188	200
19	HD 7540	V5	7.5	40		80	100	120	135	155	180	195	210	230	243	257

Delivery Size : 50 mm

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	7200	6300	5400	4680	4320	3600	3060	2160	1620	1080	
					LPM	120	105	90	78	72	60	51	36	27	18	
20	HD 5035	V4 / V5	5	35	HEAD IN METERS	90	110	140	150	160	170	180	185	192	196	210
21	HD 6042	V5	6	42		130	160	180	200	210	220	230	235	240	244	255
22	HD 7550	V5	7.5	50		120	165	196	205	220	240	250	260	270	275	295

Delivery Size : 40 mm

HDM - HIGH DISCHARGE MIXED FLOW MODELS

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	21600	18000	14400	12600	10800	9000	7200	5400	3600	1800	
					LPM	360	300	240	210	180	150	120	90	60	30	
23	HDM 4012	V4	4	12	HEAD IN METERS	16	24	30	33	37	39	44	47	51	54	57
24	HDM 5014	V4 / V5	5	14		21	32	38	42	47	51	56	59	65	67	68
25	HDM 5015	V4 / V5	5	15		22	34	41	45	50	54	60	63	69	80	73
26	HDM 6018	V5	6	18		24	36	45	49	55	59	66	71	77	108	83
27	HDM 7524	V5	7.5	24		40	55	68	75	80	85	92	100	105		113

Note : Delivery Size 65 mm (2.5") available on request at same price.

Delivery Size : 50 mm

S. No.	Model	Motor	HP	Stages	Discharge											Shut Off
					LPH	28800	25200	21600	19800	18000	16200	14400	10800	7200	3600	
					LPM	480	420	360	330	300	270	240	180	120	60	
28	HDM 4009	V4	4	9	HEAD IN METERS	10	17	24	28	30	32	35	38	43	47	50
29	HDM 5012	V4/V5	5	12		13	23	32	37	40	43	47	50	58	62	67
30	HDM 6014	V5	6	14		15	27	37	43	47	50	55	59	68	73	78
31	HDM 7518	V5	7.5	18		20	35	48	56	60	65	70	76	87	94	100

Delivery Size : 65 mm

Note :

1. Delivery Size 50 mm (2") available on request at same price.
2. Stainless Steel (SS) NRV & Suction IB available on special order basis.
3. Single Phase V5 - 5 HP Motor available on special order basis.



OPENWELL MOTOR COUPLED WITH 4" PUMP

SELECTION CHART FOR DOMESTIC OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 1Ø, 240Volts / 3Ø, 400Volts / 50Hz AC Supply

AWS - ARYEN WELL SERIES SINGLE PHASE

MATERIAL OF CONSTRUCTION - IMPELLER & DIFFUSER : NORYL

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	4680	4320	3600	3240	2880	2520	2160	1620	1080	720	
				LPM	78	72	60	54	48	42	36	27	18	12	
1	AWS 1012	1	12	HEAD IN METERS	8	13	17	24	31	43	56	62	70	78	87
2	AWS 1014	1	14		9	15	20	28	36	50	62	72	82	91	101
3	AWS 1518	1.5	18		12	19	26	36	46	64	80	96	105	117	130
4	AWS 1521	1.5	21		14	22	30	42	54	75	93	108	123	137	152
5	AWS 1525	1.5	25		16	20	35	50	64	89	110	130	145	164	181
6	AWS 2030	2	30		20	32	43	60	77	107	133	156	175	197	218
												Delivery Size : 32 mm			

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	4680	4320	3600	3240	2880	2520	2160	1620	1080	720	
				LPM	78	72	60	54	48	42	36	27	18	12	
7	AWS 1009	1	9	HEAD IN METERS	21	26	36	42	46	50	53	59	62	64	68
8	AWS 1514	1.5	14		38	43	63	70	76	82	87	93	98	102	108
9	AWS 2018	2	18		43	56	77	87	95	104	110	119	126	133	139
												Delivery Size : 32 mm			

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	4320	3960	3600	2880	2520	2160	1800	1440	1080	720	
				LPM	72	66	60	48	42	36	30	24	18	12	
10	AWS 1015	1	15	HEAD IN METERS	11	21	33	51	59	64	71	78	83	86	96
Delivery Size : 32 mm															

S. No.	Model	HP	Stages	Discharge											Shut Off
				LPH	5760	5400	5040	4680	4320	3960	3600	3240	2880	1800	
				LPM	96	90	84	78	72	66	60	54	48	30	
11	AWS 1010	1	10	HEAD IN METERS	16	20	27	30	34	38	40	44	47	53	58
12	AWS 1515	1.5	15		24	30	40	46	51	57	60	66	70	80	86
13	AWS 2020	2	20		32	40	52	60	68	76	80	88	92	100	115
14	AWS 2025	2	25		40	50	65	75	85	95	100	110	115	128	143
												Delivery Size : 32 mm			

Note :

1. The above AWS Models comes along with Rated Control Panel.
2. AWT - Aryen Well Series Three Phase Models available on special order basis at same price.

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.

OPENWELL MOTOR COUPLED WITH 4" PUMP

SELECTION CHART FOR DOMESTIC OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 1Ø, 240Volts / 3Ø, 400Volts / 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	8280	7920	7200	6300	5400	4500	3600	2880	1800	
				LPM	138	132	120	105	90	75	60	48	30	
10	AWS 1007	1	7	HEAD IN METERS		12	16	20	28	30	32	34	38	40
11	AWS 1510	1.5	10			17	23	29	40	43	46	49	54	57
12	AWS 2015	2	15		21	26	35	44	60	65	69	74	81	86

Delivery Size : 40 mm

S. No.	Model	HP	Stages	Discharge												Shut Off
				LPH	10800	9900	9000	8280	7920	7200	6300	5400	4500	2880		
				LPM	180	165	150	138	132	120	105	90	75	48		
13	AWS 1005	1	5	HEAD IN METERS			5	17	21	22	23	24	25	29	33	
14	AWS 1507	1.5	7		10	16	21	24	27	32	37	39	42	44	45	
15	AWS 2010	2	10		18	24	32	35	40	46	51	53	58	62	65	

Delivery Size : 50 mm

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	21600	18000	14400	12600	10800	9000	7200	5400	3600	
				LPM	360	300	240	210	180	150	120	90	60	
16	AWS 1003	1	3	HEAD IN METERS	3	6	7	8	9	10	11	12	13	14
17	AWS 2006	2	6		8	12	16	17	18	20	22	24	25	28

Delivery Size : 50 mm

Delivery Size 65 mm (2.5") available on request at same price.

Note :

1. The above AWS Models comes along with Rated Control Panel.
2. AWT - Aryen Well Series Three Phase Models available on special order basis at same price.



SELECTION CHART FOR VERTICAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts / 50Hz AC Supply

AVW / DR - ARYEN VERTICAL OPENWELL / DAM RADIAL FLOW

MATERIAL OF CONSTRUCTION - IMPELLER : CI, DIFFUSER : CI

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	72000	64800	54000	50400	46800	43200	36000	28800	21600	
				LPM	1200	1080	900	840	780	720	600	480	360	
				LPS	20	18	15	14	13	12	10	8	6	
1	DR 5/1	5	1	HEAD IN METERS	10	12	17	19	20	21	23	24	25	26
2	DR 10/2	10	2		22	25	35	38	41	44	48	49	50	52
3	DR 15/3	15	3		28	32	44	45	51	55	61	69	74	78
4	DR 20/4	20	4		42	46	61	65	72	80	90	96	100	105

Delivery Size : 75 mm

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	72000	64800	54000	50400	43200	36000	28800	21600	14400	
				LPM	1200	1080	900	840	720	600	480	360	240	
				LPS	20	18	15	14	12	10	8	6	4	
5	● AVW 10	7.5	2	HEAD IN METERS	15	21	26	30	38	41	45	49	53	56
6	DR 12/3	12.5	3		22	32	39	45	57	62	65	68	78	84
7	DR 15/4	15	4		30	42	52	60	76	80	84	89	100	112
8	DR 20/5	20	5		38	53	65	75	95	100	105	111	125	140

Delivery Size : 65 mm

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	72000	64800	54000	50400	46800	43200	36000	28800	18000	
				LPM	1200	1080	900	840	780	720	600	480	300	
				LPS	20	18	15	14	13	12	10	8	5	
9	DR 6/2	6	2	HEAD IN METERS	11	20	23	26	30	33	35	40	47	50
10	● AVW 11	10	3		16	30	35	40	44	49	53	58	70	75
11	DR 12/4	12	4		27	33	40	47	55	61	75	84	94	100
12	DR15/5	15	5		30	40	48	54	60	67	72	83	99	125
13	DR 20/6	20	6		40	50	60	71	83	91	112	125	140	150

Delivery Size : 65 mm

● ISI Marking



SELECTION CHART FOR VERTICAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts / 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	54000	50400	46800	43200	39600	36000	28800	21600	18000	
				LPM	900	840	780	720	660	600	480	360	300	
				LPS	15	14	13	12	11	10	8	6	5	
14	● AVW 4	5	2	HEAD IN METERS	15	18	22	25	29	31	37	40	43	46
15	● AVW 8	7.5	3		17	23	28	36	40	43	52	57	61	71
16	● AVW 14	10	4		23	31	39	48	54	60	69	76	81	93
17	DR12/5	12.5	5		29	39	49	60	67	75	86	95	101	115
18	DR15/6	15	6		34	46	58	72	81	90	103	114	124	140
19	DR20/8	20	8		46	62	78	96	108	120	138	152	162	184

Delivery Size : 65 mm

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	50400	46800	43200	36000	28800	21600	18000	14400	7200	
				LPM	840	780	720	600	480	360	300	240	120	
				LPS	14	13	12	10	8	6	5	4	2	
20	DR 6/3	6	3	HEAD IN METERS	8	16	23	30	39	45	53	58	62	66
21	DR 7/4	7.5	4		10	21	30	40	52	60	70	78	82	88
22	DR 10/5	10	5		18	30	37	45	62	75	90	100	105	110
23	DR 12/6	12.5	6		25	41	52	82	100	110	118	125	130	136
24	DR 15/8	15	8		32	55	69	109	133	146	157	166	172	176
25	DR 20/10	20	10		40	69	86	136	166	182	196	208	215	220

Delivery Size : 65 mm

S. No.	Model	HP	Stages	Discharge										Shut Off
				LPH	50400	46800	43200	39600	36000	28800	21600	18000	14400	
				LPM	840	780	720	660	600	480	360	300	240	
				LPS	14	13	12	11	10	8	6	5	4	
26	DR 5/3	5	3	HEAD IN METERS	5	12	21	27	33	39	50	54	57	61
27	DR 10/6	10	6		10	24	42	54	66	78	100	108	112	123
28	DR 12/8	12.5	8		13	32	56	72	88	104	133	144	152	163
29	DR 15/10	15	10		17	40	70	90	110	130	167	180	190	203
30	DR 20/12	20	12		20	48	84	108	132	156	200	216	228	244

Delivery Size : 65 mm

● ISI Marking

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



SELECTION CHART FOR VERTICAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts / 50Hz AC Supply

DM - DAM MIXED FLOW VERTICAL OPENWELL

MATERIAL OF CONSTRUCTION - IMPELLER : SS, BOWL : CI / SS

DM - 2000												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	201600	194400	180000	162000	144000	108000	72000	
				LPM	3360	3240	3000	2700	2400	1800	1200	
				LPS	56	54	50	45	40	30	20	
1	DM 20/1	20	1	HEAD IN METERS	10	15	19	21	23	27	30	35
2	DM 40/2	40	2		20	30	38	42	46	57	60	70

Note : Delivery Size 200 mm (8") available on request at same price.

Delivery Size : 150 mm

DM - 1750												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	180000	162000	144000	126000	108000	72000	54000	
				LPM	3000	2700	2400	2100	1800	1200	900	
				LPS	50	45	40	35	30	20	15	
3	DM 35/2	35	2	HEAD IN METERS	22	28	35	41	44	50	60	71

Delivery Size : 150 mm

DM - 1500												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	201600	194400	180000	162000	144000	108000	72000	
				LPM	3360	3240	3000	2700	2400	1800	1200	
				LPS	56	54	50	45	40	30	20	
4	DM 15/1	15	1	HEAD IN METERS	8	12	14	17	20	24	26	30
5	DM 30/2	30	2		16	24	28	34	40	48	52	60

Delivery Size : 150 mm

DM - 1000												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	144000	133200	126000	108000	90000	72000	54000	
				LPM	2400	2220	2100	1800	1500	1200	900	
				LPS	40	37	35	30	25	20	15	
6	● DM 10/1	10	1	HEAD IN METERS	8	10	12	15	18	21	22	27
7	● DM 20/2	20	2		16	20	23	30	36	41	43	54
8	● DM 30/3	30	3		24	30	35	45	54	62	65	81
9	● DM 40/4	40	4		32	50	55	68	78	85	90	103

Delivery Size : 150 mm

● Stainless Steel Bowl available on special order basis.



SELECTION CHART FOR VERTICAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts / 50Hz AC Supply

DM - 750												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	129600	122400	108000	97200	86400	72000	50400	
				LPM	2160	2040	1800	1620	1440	1200	840	
				LPS	36	34	30	27	24	20	14	
10	● DM 7/1	7.5	1	HEAD IN METERS	9	11	13	15	18	20	23	26
11	● DM 15/2	15	2		17	21	26	28	33	38	43	50
12	● DM 25/3	25	3		24	30	38	41	48	54	63	72
13	● DM 30/4	30	4		31	39	49	53	63	71	83	100
14	● DM 35/5	35	5		41	51	61	71	86	101	111	130
										Delivery Size : 100 mm		

DM - 625												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	108000	97200	900000	79200	72000	54000	36000	
				LPM	1800	1620	1500	1320	1200	900	600	
				LPS	30	27	25	22	20	15	10	
15	● DM 12/2	12.5	2	HEAD IN METERS	23	25	28	30	32	36	40	45
16	● DM 20/3	20	3		35	43	45	49	56	60	65	71
17	● DM 25/4	25	4		46	57	60	66	74	80	86	95
18	● DM 30/5	30	5		58	68	75	82	93	100	108	118
19	● DM 40/6	40	6		70	86	90	98	112	120	130	142
											Delivery Size : 100 mm	

DM - 500												
S. No.	Model	HP	Stages	Discharge								Shut Off
				LPH	108000	97200	900000	82800	72000	54000	36000	
				LPM	1800	1620	1500	1380	1200	900	600	
				LPS	30	27	25	23	20	15	10	
20	● DM 5/1	5	1	HEAD IN METERS	7	10	12	13	15	18	20	24
21	● DM 10/2	10	2		14	20	23	26	30	36	39	47
22	● DM 15/3	15	3		20	28	31	36	43	50	58	70
23	● DM 20/4	20	4		29	36	42	50	58	61	76	94
24	● DM 25/5	25	5		36	45	53	62	72	85	95	118
25	● DM 30/6	30	6		40	54	66	75	85	108	112	134
											Delivery Size : 100 mm	

● Stainless Steel Bowl available on special order basis.



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

Max. Pumpset Diameter - 142 mm

Vertical Openwell Motor Coupled with 6" Radial Flow Pump

VSR - VERTICAL OPENWELL RADIAL FLOW

MATERIAL OF CONSTRUCTION IMPELLER : SS, DIFFUSER: CI

S. No.	Model	HP	Stages	Discharge									Shut Off	Delivery Size : 50 mm
				LPH	39600	32400	28800	25200	21600	14400	10800	7200		
				LPM	660	540	480	420	360	240	180	120		
				LPS	11	9	8	7	6	4	3	2		
1	VSR 5/4	5	4	HEAD IN METERS	19	30	34	38	43	46	50	53	57	
2	VSR 6/5	6	5		24	38	43	48	54	58	63	66	71	
3	VSR 7/6	7.5	6		29	46	52	58	65	70	76	79	85	
4	VSR 10/8	10	8		39	61	69	77	87	93	101	105	113	
5	VSR 12/10	12.5	10		49	76	86	96	109	116	126	131	141	
6	VSR 15/12	15	12		59	91	103	115	131	139	151	157	169	
7	VSR 20/16	20	16		79	122	138	154	175	186	202	209	225	

S. No.	Model	HP	Stages	Discharge									Shut Off	Delivery Size : 50 mm
				LPH	32400	28800	25200	21600	18000	14400	10800	7200		
				LPM	540	480	420	360	300	240	180	120		
				LPS	9	8	7	6	5	4	3	2		
8	VSR 3/3	3	3	HEAD IN METERS	14	20	26	32	33	35	37	40	43	
9	VSR 5/5	5	5		23	33	42	52	56	58	61	66	71	
10	VSR 6/6	6	6		28	40	50	62	66	70	73	79	85	
11	VSR 7/7	7.5	7		32	46	59	72	77	81	86	92	100	
12	VSR 7/8	7.5	8		36	52	67	83	88	93	98	106	114	
13	VSR 10/10	10	10		46	67	86	99	110	118	130	137	148	
14	VSR 12/12	12.5	12		55	80	103	119	132	142	156	164	178	
15	VSR15/15	15	15		69	100	129	148	165	177	195	205	222	
16	VSR 20/20	20	20		91	133	171	197	220	236	260	274	296	



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge									Shut Off	Delivery Size : 50 mm
				LPH	27000	25200	23400	19800	18000	14400	10800	7200		
				LPM	450	420	390	330	300	240	180	120		
				LPS	7.5	7	6.5	5.5	5	4	3	2		
17	VSR 3/4	3	4	HEAD IN METERS	13	16	21	30	33	40	x44	50	56	
18	VSR 5/6	5	6		17	24	33	50	53	61	68	75	84	
19	VSR 6/7	6	7		27	31	39	57	61	73	80	88	98	
20	VSR 6/8	6	8		33	35	44	65	70	83	92	100	112	
21	VSR 7/10	7.5	10		39	43	55	81	88	104	115	125	140	
22	VSR 10/12	10	12		46	52	66	97	105	125	138	150	168	
23	VSR 12/15	12.5	15		56	69	83	116	127	153	169	188	210	
24	VSR 12/16	12.5	16		60	74	89	124	136	163	180	200	224	
25	VSR 15/18	15	18		61	75	101	141	155	184	207	225	252	
26	VSR 15/20	15	20		63	76	112	156	172	204	230	250	280	

S. No.	Model	HP	Stages	Discharge									Shut Off	Delivery Size : 50 mm
				LPH	19800	18000	16200	15120	11880	10080	8280	5400		
				LPM	330	300	270	252	198	168	138	90		
				LPS	5.5	5	4.5	4.2	3.3	2.8	2.3	1.5		
27	VSR 3/5	3	5	HEAD IN METERS	22	28	35	38	48	53	55	61	68	
28	VSR 5/8	5	8		34	45	56	60	76	84	88	98	108	
29	VSR 6/10	6	10		42	56	70	75	95	105	110	123	135	
30	VSR 7/12	7.5	12		51	68	84	90	114	126	132	148	162	
31	VSR 10/15	10	15		63	84	105	113	143	158	165	184	203	
32	VSR 10/16	10	16		67	90	112	120	152	168	176	197	216	
33	VSR 12/18	12.5	18		70	94	120	131	171	184	199	221	239	
34	VSR 12/20	12.5	20		78	104	133	146	190	204	220	246	265	

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



SELECTION CHART FOR VERTICAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

Vertical Openwell Motor Coupled with 6" Radial Flow Pump

AVR - ARYEN VERTICAL OPENWELL RADIAL FLOW

MATERIAL OF CONSTRUCTION IMPELLER : SS, DIFFUSER: CI

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	30600	25200	21600	18000	14400	12600	7200		
				LPM	510	420	360	300	240	210	120		
				LPS	8.5	7	6	5	4	3.5	2		
1	AVR 3/3	3	3	HEAD IN METERS	14	23	28	31	32	34	36	38	
2	● AVR 5/5	5	5		24	38	46	52	54	56	60	64	
3	AVR 6/6	6	6		29	46	55	62	65	67	72	77	
4	AVR 7/7	7.5	7		34	54	64	72	76	78	84	90	
5	AVR 7/8	7.5	8		39	62	73	82	87	89	96	103	
6	AVR 10/10	10	10		49	78	91	103	109	111	120	129	
7	AVR 12/12	12.5	12		59	94	109	123	131	133	144	155	
8	AVR 15/15	15	15		74	118	136	153	164	166	180	194	
9	AVR 20/20	20	20		106	164	188	210	226	228	247	266	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	27000	23400	19800	18000	14400	10800	7200		
				LPM	450	390	330	300	240	180	120		
				LPS	7.5	6.5	5.5	5	4	3	2		
10	AVR 3/4	3	4	HEAD IN METERS	16	x25	32	35	39	41	45	49	
11	AVR 5/6	5	6		24	38	48	53	58	62	67	73	
12	AVR 6/7	6	7		28	44	56	62	68	72	78	85	
13	AVR 6/8	6	8		32	50	64	71	78	82	89	97	
14	● AVR 7/10	7.5	10		40	63	80	89	98	103	111	121	
15	● AVR 10/12	10	12		48	76	96	107	118	124	133	145	
16	AVR 12/15	12.5	15		60	95	120	134	148	155	166	181	
17	AVR 12/16	12.5	16		64	101	128	143	158	165	177	193	
18	AVR 15/18												
19	AVR 15/20	15	20		80	127	160	179	198	207	221	241	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	21600	18000	14400	12600	10800	9000	5400		
				LPM	360	300	240	210	180	150	90		
				LPS	6	5	4	3.5	3	2.5	1.5		
20	● AVR 3/5	3	5	HEAD IN METERS	20	30	38	43	45	48	51	56	
21	● AVR 5/8	5	8		30	48	60	68	72	76	83	88	
22	● AVR 6/10	6	10		38	60	76	85	91	95	102	110	
23	● AVR 7/12	7.5	12		45	72	90	103	109	114	123	132	
24	AVR 10/15	10	15		57	90	113	128	135	143	151	165	
25	● AVR 10/16	10	16		60	95	120	136	144	152	163	175	
26	AVR 12/18	12.5	18		72	110	140	158	167	177	186	203	
27	● AVR 12/20	12.5	20		80	122	155	170	180	190	198	220	

● ISI Marking



SELECTION CHART FOR 150mm (6") SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	16200	14400	12960	11880	10080	7200	3600		
				LPM	270	240	216	198	168	120	60		
				LPS	4.5	4	3.6	3.3	2.8	2	1		
28	AVR 3/6	3	6	HEAD IN METERS	33	40	45	50	53	57	61	70	
29	AVR 5/10	5	10		54	65	74	82	88	95	102	113	
30	AVR 6/12	6	12		67	78	90	98	106	112	122	136	
31	AVR 7/15	7.5	15		82	96	111	125	135	144	153	175	
32	AVR 7/16	7.5	16		88	103	119	134	145	154	163	188	
33	AVR 10/20	10	20		102	130	145	162	175	185	204	226	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	16560	12960	11520	10080	9000	7200	3600		
				LPM	276	216	192	168	150	120	60		
				LPS	4.6	3.6	3.2	2.8	2.5	2	1		
34	● AVR 3/8	3	8	HEAD IN METERS	27	48	56	62	67	74	80	90	
35	● AVR 5/12	5	12		40	72	84	92	100	110	120	136	
36	● AVR 6/15	6	15		50	90	105	114	125	138	150	170	
37	AVR 7/18	7.5	18		60	108	126	139	149	162	180	203	
38	● AVR 7/20	7.5	20		66	120	140	154	165	180	200	226	

S. No.	Model	HP	Stages	Discharge								Shut Off	Delivery Size : 50 mm
				LPH	11880	9360	8280	7200	5760	4680	2880		
				LPM	198	156	138	120	96	78	48		
				LPS	3.3	2.6	2.3	2	1.6	1.3	0.8		
39	AVR 3/9	3	9	HEAD IN METERS	41	54	67	72	81	86	92	96	
40	AVR 3/10	3	10		46	60	74	80	90	96	102	107	
41	AVR 5/15	5	15		69	90	111	120	135	144	153	161	
42	AVR 6/18	6	18		83	108	133	144	162	173	184	193	
43	AVR 6/20	6	20		92	120	148	160	180	192	204	214	

Note : Higher stages available on special order basis.

● ISI Marking

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.

SELECTION CHART FOR HORIZONTAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Delivery Size in Inch	Discharge																Shut Off																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				LPH	108000	90000	79200	72000	64800	57600	50400	43200	39600	36000	28800	21600	14400	7200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				LPM	1800	1500	1320	1200	1080	960	840	720	660	600	480	360	240	120																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				LPS	30	25	22	20	18	16	14	12	11	10	8	6	4	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1	TURBO - T2	3	2½ x 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

TURBO
SERIES



● ISI Marking

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.

SELECTION CHART FOR HORIZONTAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Delivery Size in Inch	Discharge															Shut Off
				LPH	108000	90000	72000	64800	57600	50400	43200	39600	36000	28800	21600	14400	10800	7200	
				LPM	1800	1500	1200	1080	960	840	720	660	600	480	360	240	180	120	
				LPS	30	25	20	18	16	14	12	11	10	8	6	4	3	2	
1	A2	3	2½ x 2	HEAD IN METERS															27
2	A12	3	3 x 2½																22
3	A16	5	2 x 2																44
4	A4	5	2½ x 2																35
5	A6	5	3 x 2½																26
6	A37	5	4 x 3																23

SELECTION CHART FOR HORIZONTAL OPENWELL SUBMERSIBLE PUMPSET

Performance Charts at 2900 rpm, 3Ø, 400Volts, 50Hz AC Supply

S. No.	Model	HP	Delivery Size in Inch	Discharge															Shut Off
				LPH	108000	90000	72000	64800	57600	50400	43200	39600	36000	28800	21600	14400	10800	7200	
				LPM	1800	1500	1200	1080	960	840	720	660	600	480	360	240	180	120	
				LPS	30	25	20	18	16	14	12	11	10	8	6	4	3	2	
1	A2L	3	2½ x 2	HEAD IN METERS															27
2	A12L	3	3 x 2½																22
3	A16L	5	2 x 2																44
4	A4L	5	2½ x 2																35
5	A6L	5	3 x 2½																26
6	A37L	5	4 x 3																23

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.

SELECTION CHART FOR DOMESTIC HIGH SPEED MONOBLOCK PUMPSETS

Performance Charts at 2900 rpm, 1Ø, 240Volts, 50Hz AC Supply

S.No	Model	KW/HP	Amps	Run - Cap	Suction Delivery	Discharge in LPH																								
						6	7	8	9	10	11	12	15	18	21	24	27	30	33	36	Shut Off									
1	ASM 425	0.37/0.5	3	10 mfd, 440 V AC	25 x 25	5300	5250	5200	5060	4950	4850	4700	4100	3000	1600															23 m
2	ASM 725	0.75/1.0	6.5	25 mfd, 440 V AC	25 x 25	5360	5310	5270	5230	5200	5160	5130	5000	4900	4710	4100	1950	360												31 m
3	ASM 732	0.75/1.0	6.5	25 mfd, 440 V AC	32 x 25				7130	6900	6700	6400	6300	6250	6000	5600	3300	1100												31 m
4	ASM 740	0.75/1.0	6.5	25 mfd, 440 V AC	40 x 40			23600	20500	18000	13500	10800	6500	2500																21 m
5	ASM 750	0.75/1.0	6.5	25 mfd, 440 V AC	50 x 50	27000	26200	24000	23600	19600	18000	12600																		14 m
6	ASM 1125	1.1/1.5	9	30 mfd, 440 V AC	25 x 25					6500	6400	6300	6100	5900	5700	5100	4950	4350	3200	900	40 m									40 m
7	ASM 1132	1.1/1.5	9	30 mfd, 440 V AC	32 x 25					6900	6800	6650	6500	6000	5800	5400	5300	5000	4500	3500	1800	37 m								37 m
8	ASM 1154	1.1/1.5	9	30 mfd, 440 V AC	50 x 40		27000	26500	25200	24800	23600	20500	17500	13000																21 m
9	ASM 1155	1.1/1.5	9	30 mfd, 440 V AC	50 x 50	28500	28000	27000	26000	25200	24000	22320	18000	14800																21 m
10	ASM 1550	1.5/2.0	12	50 mfd, 440 V AC	50 x 50	29000	28500	27600	26500	26200	25200	23000	19200	15300																20 m
11	ASM 1565	1.5/2.0	12	50 mfd, 440 V AC	65 x 50	30000	29200	28100	27500	26000	23000	21600	14000																	19 m

SELECTION CHART FOR DOMESTIC SLOW SPEED MONOBLOCK PUMPSETS

Performance Charts at 1440 rpm, 1Ø, 240Volts, 50Hz AC Supply

S.No	Model	KW/HP	Amps	Run - Cap	Suction x Delivery	Discharge in LPH											Head in Meters											Shut Off																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
						5	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70	74	78	82	86	90		94	98	102	106	110	114	118	122	126	130	134	138	142	146	150	154	158	162	166	170	174	178	182	186	190	194	198	202	206	210	214	218	222	226	230	234	238	242	246	250	254	258	262	266	270	274	278	282	286	290	294	298	302	306	310	314	318	322	326	330	334	338	342	346	350	354	358	362	366	370	374	378	382	386	390	394	398	402	406	410	414	418	422	426	430	434	438	442	446	450	454	458	462	466	470	474	478	482	486	490	494	498	502	506	510	514	518	522	526	530	534	538	542	546	550	554	558	562	566	570	574	578	582	586	590	594	598	602	606	610	614	618	622	626	630	634	638	642	646	650	654	658	662	666	670	674	678	682	686	690	694	698	702	706	710	714	718	722	726	730	734	738	742	746	750	754	758	762	766	770	774	778	782	786	790	794	798	802	806	810	814	818	822	826	830	834	838	842	846	850	854	858	862	866	870	874	878	882	886	890	894	898	902	906	910	914	918	922	926	930	934	938	942	946	950	954	958	962	966	970	974	978	982	986	990	994	998	1002	1006	1010	1014	1018	1022	1026	1030	1034	1038	1042	1046	1050	1054	1058	1062	1066	1070	1074	1078	1082	1086	1090	1094	1098	1102	1106	1110	1114	1118	1122	1126	1130	1134	1138	1142	1146	1150	1154	1158	1162	1166	1170	1174	1178	1182	1186	1190	1194	1198	1202	1206	1210	1214	1218	1222	1226	1230	1234	1238	1242	1246	1250	1254	1258	1262	1266	1270	1274	1278	1282	1286	1290	1294	1298	1302	1306	1310	1314	1318	1322	1326	1330	1334	1338	1342	1346	1350	1354	1358	1362	1366	1370	1374	1378	1382	1386	1390	1394	1398	1402	1406	1410	1414	1418	1422	1426	1430	1434	1438	1442	1446	1450	1454	1458	1462	1466	1470	1474	1478	1482	1486	1490	1494	1498	1502	1506	1510	1514	1518	1522	1526	1530	1534	1538	1542	1546	1550	1554	1558	1562	1566	1570	1574	1578	1582	1586	1590	1594	1598	1602	1606	1610	1614	1618	1622	1626	1630	1634	1638	1642	1646	1650	1654	1658	1662	1666	1670	1674	1678	1682	1686	1690	1694	1698	1702	1706	1710	1714	1718	1722	1726	1730	1734	1738	1742	1746	1750	1754	1758	1762	1766	1770	1774	1778	1782	1786	1790	1794	1798	1802	1806	1810	1814	1818	1822	1826	1830	1834	1838	1842	1846	1850	1854	1858	1862	1866	1870	1874	1878	1882	1886	1890	1894	1898	1902	1906	1910	1914	1918	1922	1926	1930	1934	1938	1942	1946	1950	1954	1958	1962	1966	1970	1974	1978	1982	1986	1990	1994	1998	2002	2006	2010	2014	2018	2022	2026	2030	2034	2038	2042	2046	2050	2054	2058	2062	2066	2070	2074	2078	2082	2086	2090	2094	2098	2102	2106	2110	2114	2118	2122	2126	2130	2134	2138	2142	2146	2150	2154	2158	2162	2166	2170	2174	2178	2182	2186	2190	2194	2198	2202	2206	2210	2214	2218	2222	2226	2230	2234	2238	2242	2246	2250	2254	2258	2262	2266	2270	2274	2278	2282	2286	2290	2294	2298	2302	2306	2310	2314	2318	2322	2326	2330	2334	2338	2342	2346	2350	2354	2358	2362	2366	2370	2374	2378	2382	2386	2390	2394	2398	2402	2406	2410	2414	2418	2422	2426	2430	2434	2438	2442	2446	2450	2454	2458	2462	2466	2470	2474	2478	2482	2486	2490	2494	2498	2502	2506	2510	2514	2518	2522	2526	2530	2534	2538	2542	2546	2550	2554	2558	2562	2566	2570	2574	2578	2582	2586	2590	2594	2598	2602	2606	2610	2614	2618	2622	2626	2630	2634	2638	2642	2646	2650	2654	2658	2662	2666	2670	2674	2678	2682	2686	2690	2694	2698	2702	2706	2710	2714	2718	2722	2726	2730	2734	2738	2742	2746	2750	2754	2758	2762	2766	2770	2774	2778	2782	2786	2790	2794	2798	2802	2806	2810	2814	2818	2822	2826	2830	2834	2838	2842	2846	2850	2854	2858	2862	2866	2870	2874	2878	2882	2886	2890	2894	2898	2902	2906	2910	2914	2918	2922	2926	2930	2934	2938	2942	2946	2950	2954	2958	2962	2966	2970	2974	2978	2982	2986	2990	2994	2998	3002	3006	3010	3014	3018	3022	3026	3030	3034	3038	3042	3046	3050	3054	3058	3062	3066	3070	3074	3078	3082	3086	3090	3094	3098	3102	3106	3110	3114	3118	3122	3126	3130	3134	3138	3142	3146	3150	3154	3158	3162	3166	3170	3174	3178	3182	3186	3190	3194	3198	3202	3206	3210	3214	3218	3222	3226	3230	3234	3238	3242	3246	3250	3254	3258	3262	3266	3270	3274	3278	3282	3286	3290	3294	3298	3302	3306	3310	3314	3318	3322	3326	3330	3334	3338	3342	3346	3350	3354	3358	3362	3366	3370	3374	3378	3382	3386	3390	3394	3398	3402	3406	3410	3414	3418	3422	3426	3430	3434	3438	3442	3446	3450	3454	3458	3462	3466	3470	3474	3478	3482	3486	3490	3494	3498	3502	3506	3510	3514	3518	3522	3526	3530	3534	3538	3542	3546	3550	3554	3558	3562	3566	3570	3574	3578	3582	3586	3590	3594	3598	3602	3606	3610	3614	3618	3622	3626	3630	3634	3638	3642	3646	3650	3654	3658	3662	3666	3670	3674	3678	3682	3686	3690	3694	3698	3702	3706	3710	3714	3718	3722	3726	3730	3734	3738	3742	3746	3750	3754	3758	3762	3766	3770	3774	3778	3782	3786	3790	3794	3798	3802	3806	3810	3814	3818	3822	3826	3830	3834	3838	3842	3846	3850	3854	3858	3862	3866	3870	3874	3878	3882	3886	3890	3894	3898	3902	3906	3910	3914	3918	3922	3926	3930	3934	3938	3942	3946	3950	3954	3958	3962	3966	3970	3974	3978	3982	3986	3990	3994	3998	4002	4006	4010	4014	4018	4022	4026	4030	4034	4038	4042	4046	4050	4054	4058	4062	4066	4070	4074	4078	4082	4086	4090	4094	4098	4102	4106	4110	4114	4118	4122	4126	4130	4134	4138	4142	4146	4150	4154	4158	4162	4166	4170	4174	4178	4182	4186	4190	4194	4198	4202	4206	4210	4214	4218	4222	4226	4230	4234	4238	4242	4246	4250	4254	4258	4262	4266	4270	4274	4278	4282	4286	4290	4294	4298	4302	4306	4310	4314	4318	4322	4326	4330	4334	4338	4342	4346	4350	4354	4358	4362	4366	4370	4374	4378	4382	4386	4390	4394	4398	4402	4406	4410	4414	4418	4422	4426	4430	4434	4438	4442	4446	4450	4454	4458	4462	4466	4470	4474	4478	4482	4486	4490	4494	4498	4502	4506	4510	4514	4518	4522	4526	4530	4534	4538	4542	4546	4550	4554	4558	4562	4566	4570	4574	4578	4582	4586	4590	4594	4598	4602	4606	4610	4614	4618	4622	4626	4630	4634	4638	4642	4646	4650	4654	4658	4662	4666	4670	4674	4678	4682	4686	4690	4694	4698	4702	4706	4710	4714	4718	4722	4726	4730	4734	4738	4742	4746	4750	4754	4758	4762	4766	4770	4774	4778	4782	4786	4790	4794	4798	4802	4806	4810	4814	4818	4822	4826	4830	4834	4838	4842	4846	4850	4854	4858	4862	4866	4870	4874	4878	4882	4886	4890	4894	4898	4902	4906	4910	4914	4918	4922	4926	4930	4934	4938	4942	4946	4950	4954	4958	4962	4966	4970	4974	4978	4982	4986	4990	4994	4998	5002	5006	5010	5014	5018	5022	5026	5030	5034	5038	5042	5046	5050	5054	5058	5062	5066	5070	5074	5078	5082	5086	5090	5094	5098	5102	5106	5110	5114	5118	5122	5126	5130	5134	5138	5142	5146	5150	5154	5158	5162	5166	5170	5174	5178	5182	5186	5190	5194	5198	5202	5206	5210	5214	5218	5222	5226	5230	5234	5238	5242	5246	5250	5254	5258	5262	5266	5270	5274	5278	5282	5286	5290	5294	5298	5302	5306	5310	5314	5318	5322	5326	5330	5334	5338	5342	5346	5350	5354	5358	5362	5366	5370	5374	5378	5382	5386	5390	5394	5398	5402	5406	5410	5414	5418	5422	5426	5430	5434	5438	5442	5446	5450	5454	5458	5462	5466	5470	5474	5478	5482	5486	5490	5494	5498	5502	5506	5510	5514	5518	5522	5526	5530	5534	5538	5542	5546	5550



1) Note : ATM - ARYEN Three Phase Monoblock Models Available on Special Order Basis at Same Price

2) Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.

SELECTION CHART FOR DOMESTIC SELF PRIMING PUMPSETS

Performance Charts at 2900 rpm, 1Ø, 240Volts, 50Hz AC Supply

S.No	Model	KW/HP	Amps	Run - Cap	Suction Delivery	Discharge in LPH															Shut Off			
						6	9	12	15	18	21	24	27	30	33	36	39	42						
1	VSP 425	0.37/0.5	3	10 mfd, 440 V AC	25 x 25	1800	1620	1440	1330	1150	972	720	680	540					34 m					
2	VSP 375	0.37/0.5	3	10 mfd, 440 V AC	25 x 25	2500	2340	1940	1720	1500	1330	1150	900	750	550				37 m					
3	VSP 725	0.75/1	6.5	15 mfd, 440 V AC	25 x 25	3420	3310	3100	2880	2630	2340	2300	2220	2000	1880	1600	1500	1350	45 m					
4	ASP 375	0.37/0.5	3	10 mfd, 440 V AC	25 x 25	1750	1600	1350	1150	950	720	500	360	180					32 m					
5	ASP 725	0.75/1	4.5	14 mfd, 440 V AC	25 x 25	2900	2850	2700	2520	2270	2090	1800	1620	1300	980	800	650		41 m					

SELECTION CHART FOR DOMESTIC “V” TYPE SELF PRIMING PUMPSETS

Performance Charts at 2900 rpm, 1Ø, 240Volts, 50Hz AC Supply

S.No	Model	KW/HP	Amps	Run - Cap	Suction x Delivery	Discharge in LPH	Head in Meters										Shut Off	
							6	9	12	15	18	21	24	27	30	33		
1	ASV 425	0.37/0.5	3.5	15 mfd, 440 V AC	25 x 25	2300	2300	1980	1700	1440	1150	930	720	400				29 m

SELECTION CHART FOR DOMESTIC OPENWELL PUMPSETS

Performance Charts at 2900 rpm, 1Ø, 240Volts, 50Hz AC Supply

S.No	Model	KW/HP	Amps	Run - Cap	Suction Delivery	Discharge in LPH	Head in Meters													Shut Off	
							6	9	12	15	18	21	24	27	30	32	35	38	40		
1	ASW 525	0.37/0.5	6	36 mfd, 440 AC	25 x 25	8500	7500	6500	5700	4800	3800										24 m
2	ASW 725	0.75/1.0	7.5	50 mfd, 440 AC	25 x 25	10800	9300	8900	8500	8200	7800	7500	5000	3000							32 m
3	ASW 1125	1.1/1.5	11.5	60 mfd, 440 AC	32 x 25	11800	11400	11100	10980	10600	9900	9360	8100	6800	6050	4680	2000	1060			43 m
4	ASW 1140	1.1/1.5	11.5	60 mfd, 440 AC	40 x 40			16000	14400	13320	11880	10080	7560	3600							33 m
5	ASW 1540	1.5/2.0	14	100 mfd, 440 AC	40 x 40			16000	14400	13320	11880	10080	7560	3600							33 m
6	ASW 1550	1.5/2.0	14	100 mfd, 440 AC	50 x 50	31000	28800	25200	20500	13000											21 m

Note : Above Models are Supplied along with 3m Cable and Rated Control Panel



ISI Marking

Note : Domestic Openwell Pumpset Supplied with 10 Metre Cable & Control Panel

Note : Due to continuous improvements, specifications, marking and designs are subject to change without prior notice.



ARYENVARSHA®

Pressure Pump

Special Features :

- Pumps water efficiently
- Save huge operational and maintenance cost
- Automatic pump controller
- High flow rate
- Power : 0.5 HP
- Works effectively with upto 500 water TDS

Aryen Pressure pumps are essential for maintaining and improving the water pressure in your home or commercial establishment. Aryen turns On/Off as per requirement of pressure, suitable up to 1-2 Bathrooms. Aryen brand of pressure pumps is a reliable and efficient choice for those in need of a quality product. These pressure pumps belong to the Pumps & Motors category and are made with high-quality aluminum body material. The power rating of this booster pump is 0.37 kW, providing enough power for your water pressure needs. Additionally, it has a head range of 6-33 meters and a suction size of 25mm, making it versatile for various needs



SELECTION CHART FOR SELF PRIMING PRESSURE PUMP

Performance Charts at
2900 rpm, 1Ø, 240Volts, 50Hz AC Supply

S.No	Model	KW/HP	Amps	Run - Cap	Suction x Delivery	Discharge in LPH	Head in Meters												Shut Off	
							6	9	12	15	18	21	24	27	30	33	36	39		42
1	VSP 375 PP	0.37/0.5	3	10 mfd, 440 V AC	25 x 25		2500	2340	1940	1720	1500	1330	1150	900	750	550				37 m

Package Contents : 1 Pressure Pump; It is capable of priming up to 3 meters static suction lift without a foot valve, at rated head & discharge; Thermal Overload Protector (TOP) for safety of Motor. Easy to maintain.



Single Phase Control Panel for 4" Submersible Pumpsets

Product Features :

1. Robust powder coated sheet metal enclosure.
2. Heavy duty Run & Start capacitor connected with Relay.
3. SIEMENS MCB for short circuit protection.
4. Special purpose contactor for motor switching.
5. Analog ammeter & voltmeter.
6. Easy replacement & maintenance.

PRODUCT SPECIFICATION

Model Name	CSR 1	CSR 1.5	CSR 2
HP	1 HP	1.5 HP	2 HP
MCB	SIEMENS - 10 A	SIEMENS - 16 A	SIEMENS - 20 A
Ammeter	0 - 20 A	0 - 20 A	0 - 20 A
Voltmeter	0 - 300 V	0 - 300 V	0 - 300 V
Run. Capacitor	40 mfd, 5 Micron	60 mfd, 5 Micron	80 mfd, 5 Micron
Start Capacitor	100 - 120 mfd	100 - 120 mfd	150 - 200 mfd

CABLE SELECTION CHART

SUBMERSIBLE PUMPSET CABLE SELECTION CHART FOR

415 Volts - THREE PHASE - 50 Hz

LENGTH IN METERS															
HP	10	20	30	40	50	60	70	80	90	100	120	140	160	180	200
3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5
4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4
5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4	4	4
6	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	4	4	4	6
7.5S	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	6	10
7.5D	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4
10	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	4	4	4	6
12.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	4	6	10
15	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4	4	4	4	6	6	10	10
17.5	4	4	4	4	4	4	4	4	4	4	6	6	6	10	10
20	4	4	4	4	4	4	4	4	4	6	6	10	10	10	10
25	4	4	4	4	4	4	4	4	4	6	6	10	10	10	16
30	6	6	6	6	6	6	6	6	6	10	10	10	10	16	16
40	10	10	10	10	10	10	10	10	10	10	10	16	16	16	25
50	16	16	16	16	16	16	16	16	16	16	16	16	16	25	25

SUBMERSIBLE PUMPSET CABLE SELECTION CHART FOR 220 Volts - SINGLE PHASE - 50 Hz

0.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4
1	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4	4	4	6	6
1.5	1.5	1.5	1.5	2.5	2.5	2.5	4	4	4	6	6	10	10	10	10
2	1.5	1.5	2.5	2.5	4	4	4	6	6	6	10	10	10	16	16
3	1.5	1.5	2.5	2.5	4	4	6	6	6	10	10	10	16	16	16
4	1.5	2.5	2.5	4	4	6	6	10	10	10	10	16	16	16	25
5	2.5	2.5	4	4	6	6	10	10	10	10	16	16	16	25	25

Note : 1.HP 7.5D and above are STAR/DELTA motors.
 2. For STAR DELTA Starting reduce current by 1/3 for selecting suitable cable.
 Conversion Table :
 1 m = 3.25ft.
 1 ft = 0.305 m

SINGLE PHASE :
 For other voltages the cable size is to be selected as follows :-
 Calculated length = $(220 \div \text{Volt}) \times \text{actual length}$
 Example : For a 3 HP 460 volts motor and 100 metres actual cable length,
 Calculated Length = $(220 - 460) \times 100 = 48\text{m}$. The size of the cable to be selected for 48m from the chart is 4mm

THREE PHASE :
 For other Voltages the cable size is to be selected as follows :-
 Calculated length = $(415 \div \text{Volt}) \times \text{actual length}$
 Example : For a 20 HP Motor at 350 volts and 90 metres actual cable length, calculated length = $(415 \div 350) \times 90 = 107\text{m}$. The size of the cable to be selected for 107m from the chart is 6mm.



Notes :

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



ARYEN PUMPS BRANCHES

TELANGANA : Secunderabad - 040 27710872 / 2427, 93953 91011 / 15 / 19
ANDHRA PRADESH : Chittoor & Vijayawada - 095855 29275
KARNATAKA : Bengaluru - 098809 44888
TAMILNADU, KERALA, MAHARASHTRA : 095855 16660

ARYEN & ARYENVARSHA
are our registered trademarks



ARYEN MOTORS (INDIA) P. LTD.,

SF No. 128/1, Narashimmanaicken Palayam Post, Mettupalayam Road,
Coimbatore - 641 031. Tamilnadu. Mob : 095855 29272 | Ph : 0422 - 2460056
E-mail : aryenmotors@gmail.com | Web : www.aryenmotors.com

