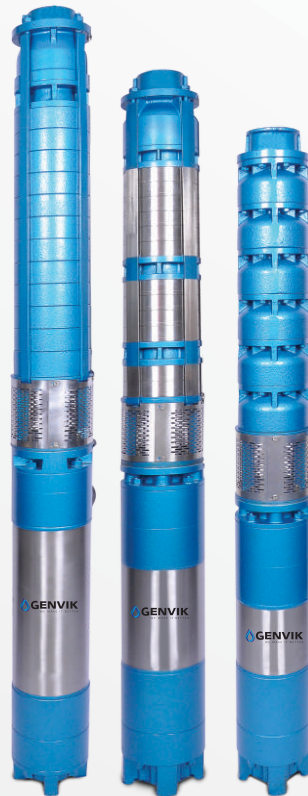


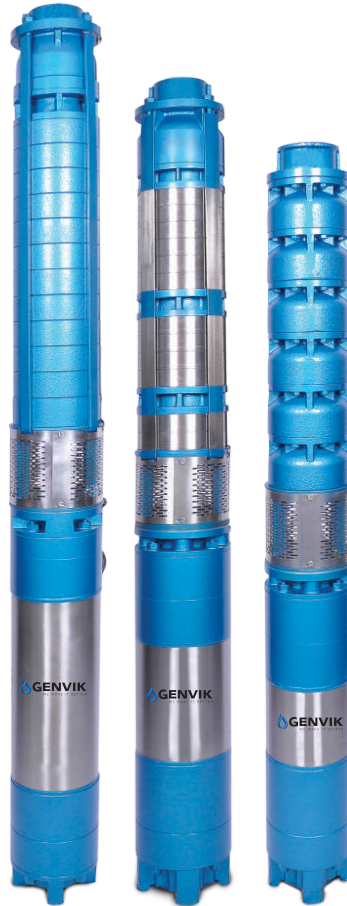


We are here to lift
PUMPING SOLUTION
to the
NXT LEVEL



150 mm (6") Borewell Submersible Pumpsets

KSM & KSR Series



DESCRIPTION

GENVIK Borewell Submersible Pumpsets are powered by water filled, rewindable submersible motor suitable for continuous duty. The stator is wound with special water proof synthetic film insulated copper winding wires and made up of low watt loss silicon steel laminations assembled under pressure and rigidly locked in stainless steel stator shell. T-Bolt design in all motor ensures rigid construction. Optimal design of impellers and diffusers offers best possible hydraulic efficiency. Built-in check valve prevents back flow and reduces the risk of water hammering.

APPLICATIONS	FEATURES
• Agriculture • Domestic • Irrigation • Gardens • Civil & Industrial water supply • Rural Water Supply • Ponds, Firefighting • Pressure boosting	• Optimized hydraulic design for efficient performance • Specially designed thrust bearing to withstand high axial load • T-Bolt design motor ensures rigid construction • Smooth surface finish results friction free flow of fluid • Designed for wide voltage applications • SS 304 grade stainless steel stage casings and impellers in radial flow series • SS 410 impeller/Bronze impeller available in mixed flow series • Horizontal application model available

150 mm (6") Borewell Submersible Pumpsets

KSM & KSR Series

SPECIFICATIONS 3Ph

Power Range	1.5 kW - 26kW (2 HP - 35 HP)
Speed	2900 rpm
Version	380 - 415V, 50Hz, AC Supply
Maximum total head	516 metre
Maximum flow rate	22 lps (79.2 m ³ /h)
Maximum outer diameter	147 mm
Normal outlet size	50,65,80 & 100 mm
Degree of protection	IP 58
Direction of rotation	Electrically Reversible
Thrust load	1.1 kW - 4.5 kW - 3500 lbs, 5.5 kW - 22 kW - 6000 lbs
Type of duty	S1 (Continuous)
Method of Starting	Direct Online (D.O.L) upto 5.5 kW star Delta (SD) upto 26 kW
Maximum starts per hour	20 times

MATERIALS OF CONSTRUCTION - PUMP

Part Name	Material
Check valve housing	Cast Iron
Check valve seat	Nitrile butyl rubber
Diffuser Chamber	SS 304, Ss410 & Cast iron
Impeller	SS 304 & SS 410
Suction inter connector	Cast Iron
Pump shaft	SS 410 / 431
Cable guard	SS 202
Coupling	SS 410

MATERIALS OF CONSTRUCTION - MOTOR

Part Name	Material
Upper and lower housing	Cast Iron
Stator shell	SS 304
Shaft	SS 410 & EN 9 with 304
Journal bushes	LTB - 4
Thrust assembly	SS 420 and Graphite carbon
Diaphragm	High Nitrile butyl rubber

KSR Series

RADIAL FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS - KSR SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8
						0	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8
KSR61/5/5	3.7	5	5	50	Head in Meters	57	50	48	47	44	43	40	36	27	28	23	
KSR61/6/6	4.5	6	6	50		60	59	58	57	53	51	47	41	34	32		
KSR61/7.5/8	5.5	7.5	8	50		90	82	80	79	77	73	64	62	53	52	37	
KSR61/12.5/12	9.3	12.5	12	50		135	121	118	115	112	107	102	92	86	60	58	48
KSR61/15/15	11	15	15	50		169	149	148	143	139	131	117	115	100	85	60	

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	9	10.8	12.6	14.4	16.2	18	19.8	21.6
						0	2.5	3	3.5	4	4.5	5	5.5	6
KSR62/5/6	3.7	5	6	50	Head in Meters	60	57	56	54	51	46	40	32	26
KSR62/6/8	4.5	6	8	50		95	78	73	68	63	57	51	43	33
KSR62/7.5/10	5.5	7.5	10	50		119	100	95	93	88	82	74	64	50
KSR62/10/12	7.5	10	12	50		136	125	121	117	111	103	95	75	54
KSR62/15/20	11	15	20	50		235	197	189	180	170	157	139	117	90

The Given details / drawings / specifications are subject to change without prior notice.

KSR - Genvik Six inch Radial flow

KSR Series

RADIAL FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS - KSR SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	7.2	9	10.8	12.6	14.4	16.2	18
						0	2	2.5	3	3.5	4	4.5	5
KSR63/3/5	2.2	3	5	50	Head in Meters	59	53	50	47	42	34	23	11
KSR63/5/8	3.7	5	8	50		90	86	82	76	68	57	46	35
KSR63/6/10	4.5	6	10	50		106	105	101	93	82	69	55	38
KSR63/7.5/12	5.5	7.5	12	50		127	120	115	109	96	84	70	47
KSR63/12.5/20	9.3	12.5	20	50		240	211	197	185	166	140	106	80
KSR63/15/25	11	15	25	50		261	250	237	220	194	165	122	88

KSR Series

RADIAL FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS - KSR SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	5.4	7.2	9	10.8	12.6	14.4	16.2
						0	1.5	2	2.5	3	3.5	4	4.5
KSR65/3/6	2.2	3	6	50	Head in Meters	59	53	48	40	30	18	5	
KSR65/5/10	3.7	5	10	50		103	97	95	88	75	57	36	16
KSR65/6/12	4.5	6	12	50		123	115	109	98	83	63	40	16
KSR65/7.5/14	5.5	7.5	14	50		158	148	141	129	112	89	63	34
KSR65/7.5/16	5.5	7.5	16	50		178	164	155	140	119	93	61	29
KSR65/10/20	7.5	10	20	50		205	198	193	179	156	124	84	39
KSR65/12.5/25	9.3	12.5	25	50		258	232	230	228	199	159	110	56
KSR65/15/30	11	15	30	50		333	276	274	268	230	182	122	54

KSR Series

RADIAL FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS - KSR SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	3.6	4.7	5.4	7.2	9	10.8	12.6
						0	1	1.3	1.5	2	2.5	3	3.5
KSR66/3/8	2.2	3	8	50	Head in Meters	81	77	74	72	63	52	39	25
KSR66/5/12	3.7	5	12	50		121	112	111	110	102	86	63	36
KSR66/7.5/20	5.5	7.5	20	50		210	198	192	187	169	143	109	70
KSR66/10/25	7.5	10	25	50		260	253	249	246	229	198	156	103
KSR66/12.5/30	9.3	12.5	30	50		297	287	277	268	236	191	136	73
KSR66/15/38	11	15	38	50		387	356	353	350	313	260	200	142

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	2.7	3.6	4.7	5.4	7.2	9
						0	0.75	1	1.3	1.5	2	2.5
KSR67/3/10	2.2	3	10	50	Head in Meters	98	88	83	77	72	60	39
KSR67/7.5/25	5.5	7.5	25	50		250	229	225	215	206	164	106
KSR67/10/30	7.5	10	30	50		282	262	258	250	235	188	127

The Given details / drawings / specifications are subject to change without prior notice.

KSR - Genvik Six inch Radial flow

KWC6BI -SERIES

RADIAL FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS
- KWC6BI SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	2	3	4	5	6	7	8	9	10
						0	0.55	0.83	1.11	1.39	1.67	1.94	2.22	2.50	2.77
KWC6BI - 6/7.5/15	5.5	7.5	15	50	Head in Meters	222	220	218	211	200	181	160	136	102	72

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	4	6	7	8	9	10	11	12	13	14	15
						0	1.11	1.67	1.94	2.22	2.50	2.77	3.05	3.33	3.61	3.88	4.16
KWC6BI - 9/7.5/10	5.5	7.5	10	50	Head in Meters	166	164	158	154	147	139	129	118	106	94	81	67
KWC6BI-7B/7.5/12	5.5	7.5	12	50		170	162	143	132	121	109	91	78	60	30	10	
KWC6BI -9 /10/13	7.5	10	13	50		216	215	209	203	195	184	171	158	143	127	109	88

KWC6BI -SERIES

RADIAL FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS
- KWC6BI SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	4	6	8	10	12	14	16	18	20
						lps	1.11	1.67	2.22	2.77	3.33	3.88	4.40	5.00	5.55
KWC6BI -10 /5/5	3.7	5	5	65	Head in Meters	85	83	82	81	77	71	63	53	41	28
KWC6BI -10/6/6	4.5	6	6	65		102	100	98	95	90	79	69	57	44	30
KWC6BI- 10/7.5/8	5.5	7.5	8	65		136	132	128	125	118	107	94	77	60	38
KWC6BI -10/10/10	7.5	10	10	65		169	164	162	155	144	130	112	94	72	49
KWC6BI 10/12.5/12	9.3	12.5	12	65		206	200	195	192	182	167	144	120	96	61

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	6	8	10	12	14	16	18	20	22	24	26
						lps	1.67	2.22	2.77	3.33	3.88	4.40	5.00	5.55	6.11	6.66	7.22
KWC6BI -15/7.5/6	5.5	7.5	6	65	Head in Meters	104	102	99	97	94	90	84	77	69	57	48	36
KWC6BI -15/10/8	7.5	10	8	65		136	135	132	129	125	117	108	96	84	70	56	41
KWC6BI -15/12.5/10	9.3	12.5	10	65		174	168	166	162	158	152	143	129	117	98	79	61

KSM Series

MIXED FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS
- KSM SERIES

2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2
					DISCHARGE lps	0	3.5	4	4.5	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12
KSM60/3/3	2.2	3	3	65	Head in Meters	30	26.5	26	25.5	25	24	23.5	23	22	21	20	19	18	17	16	15	13	12	10
KSM60/5/5	3.7	5	5	65		42	38.5	38	37	36.5	36	35	34	33	32	31	29	28	26	24	22	20	18	15
KSM60/6/6	4.5	6	6	65		52	47	46	45	44.5	44	43	42	40	39	37	36	34	32	30	28	25	23	20
KSM60/7.5/8	5.5	7.5	8	65		77	68	67	66	65	64	62	61	59	57	55	53	50	47	44	40	36	32	27
KSM60/10/10	7.5	10	10	65		93	84	82	81	79	77	75	73	71	69	67	64	61	58	54	51	46	42	36

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2	27	28.8	30.6	32.4	34.2	36	37.8	39.6	41.4	43.2
						DISCHARGE	lps	0	3.5	4	4.5	5	5.5	6	DISCHARGE	7	7.5	8	8.5	9	9.5	10	10.5	11
KSM61/3/4 (SPL)	2.2	3	4	65	Head in Meters	38	35	34.5	34	33	32.5	32	31	31.5	30	29	28	26	25	24	22	21	19	
KSM61/5/4	3.7	5	4	65		38	35.5	35	34.5	34	33	32.5	32	31	31.5	30	29	28	26	25	24	22	21	19
KSM61/6/5	4.5	6	5	65		51	47	46.5	46	45.5	45	44	43	42.5	42	40	39	38	37	36	34	33	30	29
KSM61/7.5/6	5.5	7.5	6	65		62	57	56	55.5	55	54	53.5	53	51	50	49	48	46	44	43	41	39	36	33
KSM61/10/8	7.5	10	8	65		79	73	72.5	72	71	70	68	67	66	64	62	60	58	54	52	49	46	43	39
KSM 61/12.5/10	9.3	12.5	10	65		101	94	93	92	91	89	88	87	85	83	81	79	77	74	71	68	65	60	56
KSM61/15/12	11	15	12	65		121	111	110	108	107	104	102	101	98	95	93	90	87	84	80	76	72	63	58

The Given details / drawings / specifications are subject to change without prior notice.

KSM - Genvik Six inch Mixed flow

KSM Series

MIXED FLOW

150 mm (6") BOREWELL SUBMERSIBLE PUMPSETS
- KSM SERIES

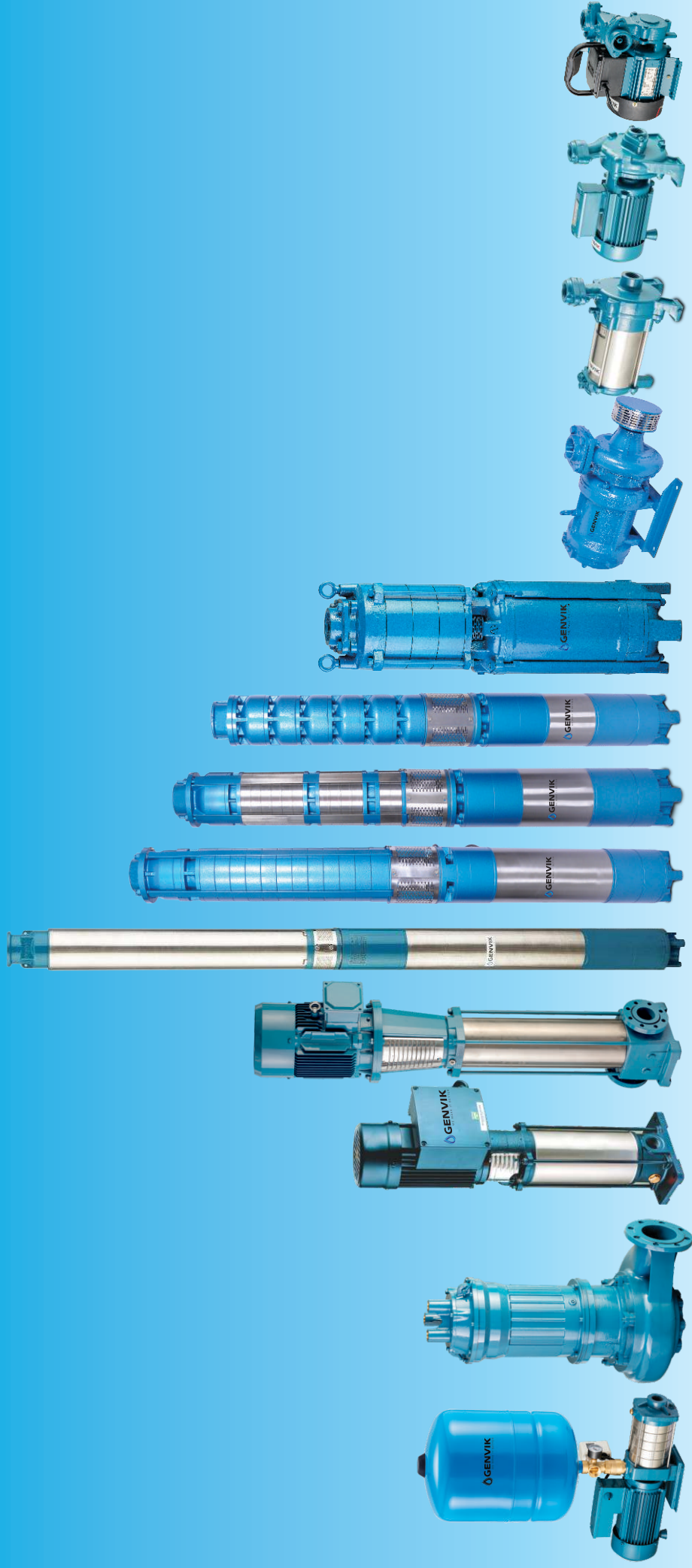
2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	DISCHARGE											
					m3/hr	0	21.6	25.2	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8
					lps	0	6	7	8	9	9.5	10	10.5	11	12	13
KSM62/7.5/5	5.5	7.5	5	80	Head in Meters	56	49	46	44	41	39	37	35	32	27	20

Model	kW	HP	Stage	Outlet Size in mm	DISCHARGE														
					m3/hr	0	28.8	32.4	34.2	36	37.8	39.6	43.2	46.8	50.4	54	57.6	61.2	64.8
					lps	0	8	9	9.5	10	10.5	11	12	13	14	15	16	17	18
KSM63/7.5/4	5.5	7.5	4	80	Head in Meters	48	36	35	34	33	32	31	29	27	25	23	20	13	11

YOU ARE LOOKING AT WHAT THE FUTURE IS COMING TO!

Genvik presents a stable of products for a new generation of customers and applications





ACNAL INDUSTRIES PRIVATE LIMITED

No. 43, Sundreshwara Nagar, Nalla Thanner Thottam,
Sivananda Mills Road, Vilankuruchi, Coimbatore - 641 035.
India. Phone : +91 - 70940 33111

Toll Free : 1800 1200 4000 Web : www.genvikpumps.com

