



We are here to lift
PUMPING SOLUTION
to the
NXT LEVEL



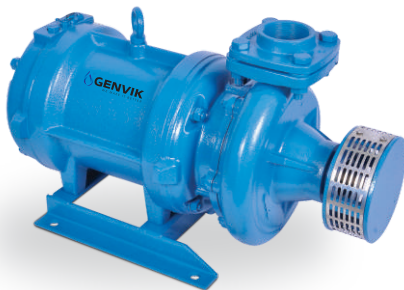
Horizontal & Vertical Openwell Submersible Pumpset

KHO & KVOs Series



DESCRIPTION

GENVIK Openwell Submersible Pumpsets are ideally suitable for openwells or tanks where a wide fluctuation of water level occur. This works under water and rest at the bottom of the well. Prime mover is rewindable, water – cooled motor. Specially designed water lubricated bearings are used to withstand the axial thrust loads with minimum wear and tear. The stator is wound with special waterproof synthetic film insulated copper winding wires and made up of low watt loss silicon steel laminations assembled under pressure and rigidly locked. Motor sealing is made by polymers, 'O' rings, oil seals and sand guard to avoid ingress of well water/salt into the motor. Pressure equalizing rubber diaphragm is provided to guard the motor from pressure and volume variation of water as detailed in our operator's manual. Three phase motor requires an adequate motor protection control panel.



APPLICATIONS | FEATURES

Agriculture	No suction and priming problem
Apartments	Noiseless operation
Irrigation	High operating efficiency
Gardens	Friction free bearing
Industrial	Can be easily dismantled and repaired
Rural Water Supply	Dynamically balanced rotating parts ensures minimum vibration and longer life
	Strongly built with enhanced stability

MATERIALS OF CONSTRUCTION

Part Name	Material
Motor Body	Cast Iron
Impeller	Cast Iron
Casing	Cast Iron
Rear cover	Cast Iron
Shaft	SS 410
Front Bracket	Cast Iron with SS Thrust Bearing
Thrust Assembly	Carbon
Rotor	Copper/Aluminium



KHO Series

HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS - KHO SERIES

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

Model	kW	HP	Outlet Size in mm	m3/hr	DISCHARGE														
					0	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4	54	57.6	61.2
				lps	0	4	5	6	7	8	9	10	11	12	13	14	15	16	17
KHO 301	2.2	3	50	Head in Metres	27	26	25.5	25	24	23	21.5	20	18.5	17	14.5				
KHO 52	3.7	5	50		38		36	35	33	31	28	25	21						
KHO 51	3.7	5	50		43	43	41	40	39	37.5	34.5	27							
KHO746	5.5	7.5	50		42					41	40	38.5	37	35.5	34.5	32.5	31	29	27

Model	kW	HP	Outlet Size in mm	m3/hr	DISCHARGE														
					0	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4	54	57.6	61.2	64.8
				lps	0	5	6	7	8	9	10	11	12	13	14	15	16	17	18
KHO 319	2.2	3	65	Head in Meters	23		21	20.5	20	19.5	19	18	17.5	16.5	16	15	14	13	
KHO 554	3.7	5	65		28				26	25	24	23	22	20.5	19	17.5	16	14	

Model	kW	HP	Outlet Size in mm	DISCHARGE																		
				m3/hr	0	29	40	43	50	54	58	61	65	68	75	79	83	90	94	97	101	104
				lps	0	8	11	12	14	15	16	17	18	19	21	22	23	25	26	27	28	29
KHO 747	5.5	7.5	65	Head in Meters	35	34	33	32	31	30	29.5	28.5	27.5	26	24	23	22	20	19	18	17	15.5

KHO & KVOs Series

HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS - KHO SERIES

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

Model	kW	HP	Outlet Size in mm	DISCHARGE														
				m3/hr	0	9	10.8	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4	54
				lps	0	2.5	3	5	6	7	8	9	10	11	12	13	14	15
KHO75-55	5.5	7.5	50	Head in Meters	56	55	54	53	51	49	47	45	43	39	36	32	27	22

VERTICAL OPENWELL SUBMERSIBLE PUMPSETS - KVOs SERIES

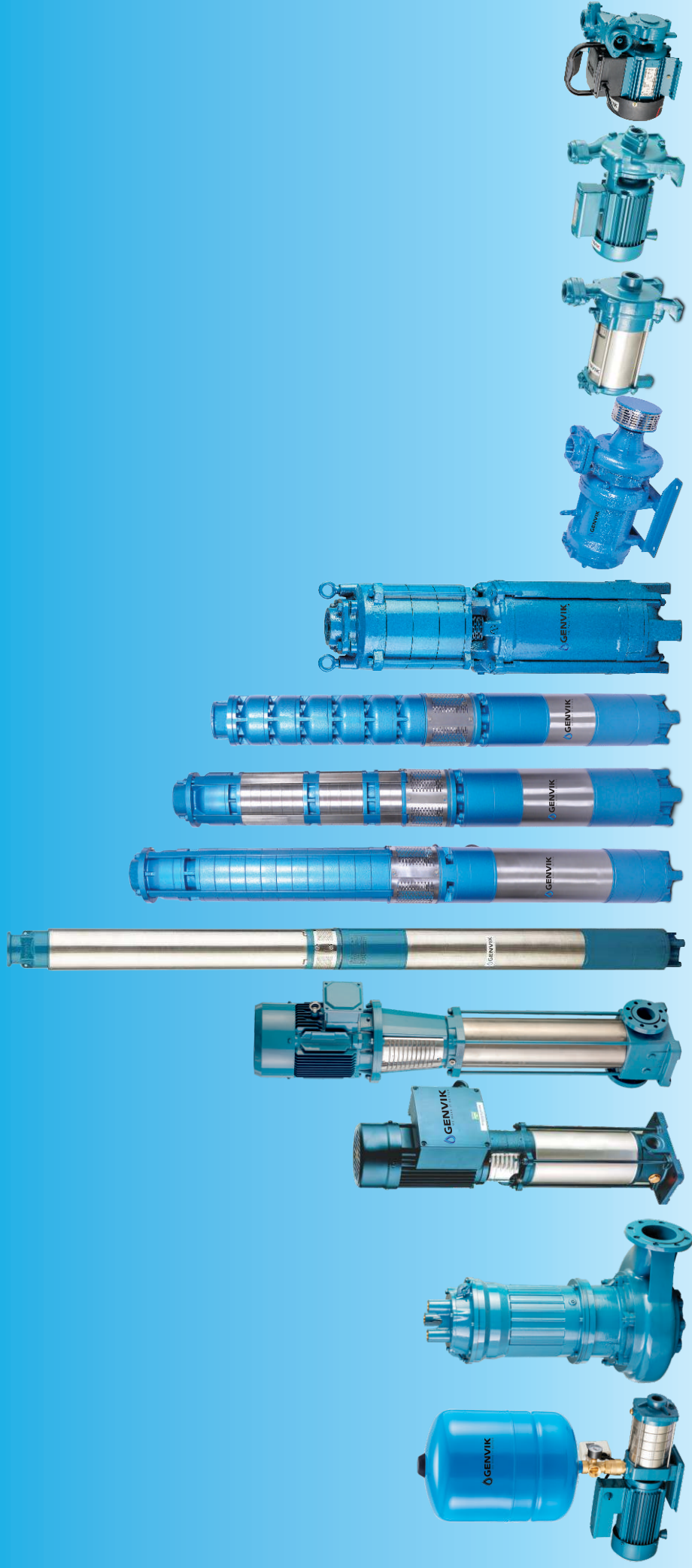
2880 RPM, At Rated Voltage – 3Ph 380 - 415 VOLTS, 50Hz, A.C.SUPPLY D.O.L / S.D

Model	kW	HP	Stage	Outlet Size in mm	m3/hr	0	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4
						DISCHARGE											
					lps	0	4	5	6	7	8	9	10	11	12	13	14
KVOS-1	3.7	5	2	65/80	Head in Metres	44	43	42	40	38	36	33	29	25	20	15	10
KVOS- 13	3.7	5	3	65/80		62	54	51	47	43	37	31	24	17			
KVOS - 3	5.5	7.5	2	65/80		52	50	48	46	44	43	41	40	37	34	29	20
KVOS - 33	5.5	7.5	3	65/80		62	60	59	59	55	50	45	39	33	26	18	
KVOS - 35	5.5	7.5	5	65/80		91	77	72	65	57	47	35	22				
KVOS - 44	7.5	10	4	65/80		93	90	88	86	82	77	71	63	54	45	33	22
KVOS - 46	7.5	10	6	65/80		103	98	95	93	85	75	65	53	40	24		
KVOS - 56	9.3	12.5	6	65/80		126	122	118	112	106	98	88	77	65	49	32	10
KVOS - 66	11	15	6	65/80		141	134	131	127	121	114	105	94	80	63	44	22

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

YOU ARE LOOKING AT WHAT THE FUTURE IS COMING TO!

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





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