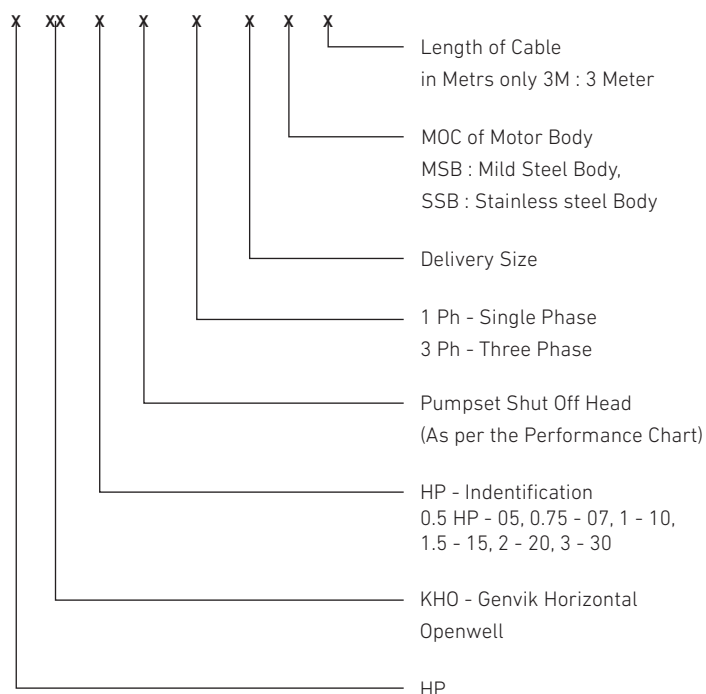


### DESCRIPTION

Genvik Horizontal Open well Submersible Pumpsets are ideally suitable for Open well / Tanks where a wide fluctuation of water level occur. This Pumpset works underwater and rest at the bottom of the well or Tank. Hence suction and priming problem will not arise. The Optimal design of impellers and diffusers enables the best possible hydraulic efficiency. Motor Sealing is made by polymers, 'O' rings, oil Seals and send guard to avoid ingress of well water / sand into the motor. Pressure equalizing rubber diaphragm is provided to guard the motor from pressure and volume variation of water inside the motor. Motor must be filled with clear, cold, drinking water as detailed in our operator's manual. LRA Series comes with Pre-filled liquid. Hence, filling is not required.



### MODEL IDENTIFICATION



### FEATURES

High operating efficiency	Domestic
Motor is designed with higher cooling effect to ensure the life	Multi storey buildings
Easy to dismantle and repair	Irrigation
Available in SS 304, CI and Noryl impellers	Gardens
Available with 3 metre and 10 metre cable length	Rural water supply

### APPLICATIONS

### SPECIFICATION

#### Horizontal Openwell SUBMERSIBLE Pumpsets

Power range	0.37 kW - 2.2 kW ( 0.5 HP - 3 HP)
Speed	2880 RPM
Version	Single phase 220 - 240V, Three Phase 380 - 415V, 50Hz, AC supply
Maximum total head	Upto 65 metre
Maximum flow rate	Upto 15 lps ( 54 m <sup>3</sup> /h)
Nominal outlet size	25, 40, 50 & 80 mm
Degree of protection	IP 58
Direction of rotation	1Ph - Clockwise from driving end; 3Ph - Electrically Reversible
Type of duty	S1 (Continuous)
Method of starting	Single phase - CSR / CSCR; Three Phase - DOL
Maximum starts per hour	10 times

### MATERIALS OF CONSTRUCTION

#### PUMPSET

Part Name	Material
Motor Body	SS 304
Impeller	Cast Iron / Noryl / SS 304
Casing	Cast iron
Rear Cover	Cast iron
Shaft	SS 410
Front Bracket	Cast iron
Shaft Seal	Nitrile Butyl Rubber
Thrust Assembly	Leaded Vribze & Compostos / Ferobestos / SS & Teflon
Diaphragm	High Nitrile Rubber

### HORIZONTAL OPENWELL SUBMERSIBLE PUMPSETS

2800 RPM - At Rated Voltage - 1Ph 220-240 Volts,  
3Ph 380-400 Volts, 50Hz, AC Supply.

Model	kW	HP	Outlet Size in mm	m <sup>3</sup> /hr lps	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
KHO10-26	0.75	1	25	Head in Metres	25.7	25.3	24.5	23.3	22.0	20.2	18.0	15.3	9.0
KHO10-34	0.75	1	25		33.0	31.8	30.2	27.8	24.6	20.4	14.0		
KHO10-32	0.75	1	25		33.0	30.8	29.0	27.0	25.9	24.2	21.5		
KHO15-46	1.1	1.5	25		46.0	44.0	41.0	37.6	33.6	25.3			

Model	kW	HP	Outlet Size in mm	m <sup>3</sup> /hr lps	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2
KHO20-33	1.5	2	40	Head in Metres	33.2	33.0	32.6	32.0	31.3	30.5	29.5	28.4	27.2	25.8	23.8				
KHO30-34	2.2	3	50		34.3	34.0	33.9	33.5	32.9	32.3	31.6	30.8	29.9	28.6	27.2	25.8	24.3	23.2	21.6

Model	kW	HP	Outlet Size in mm	m <sup>3</sup> /hr lps	0	3.6	4.5	4.68	5.4	5.55	6.48	7.2	7.4	7.56	7.74	8.64	9.36	10.1	10.4
KHO05-17	0.37	0.5	25 x 25	Head in Metres	17	15		14	13.5	13	12	11	10	9	8.5	8			
KHO05-21	0.37	0.5	25 x 25		21	18			17	16	15	14	13.7	13.5	13	12	9	8.5	8
KHO10-29	0.55	0.75	25 x 25		29	28	24	23	22	21.5	21	20	19	18.5	18	17	15	13	
KHO10-33	0.75	1	32 x 25		33	28			26	25	24	23.5	23	22	21	18	15	14	

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