

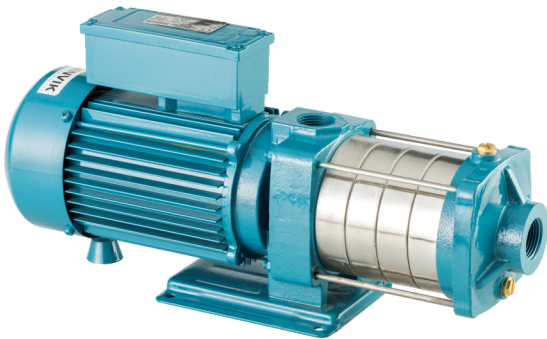
### DESCRIPTION

Genvik "The Booster system" maintains the even water pressure in all the outlets. When the pressure drops to the pre-set level, the pump will start-up and meets the demand. When the pressure attained its maximum pre-set pressure, the pump will be switched off. By this automation, even water pressure is ensured in all the outlets.

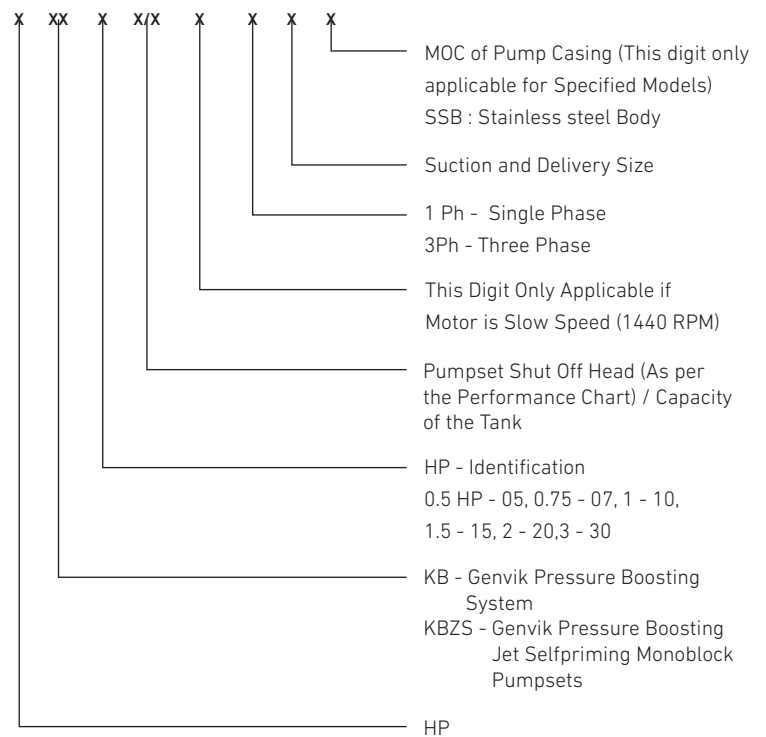
The complete system is compactly assembled and well mounted on a right base. Occupies less space facilitated by the sturdy and compact design.

### FUNCTIONS

The system consists of pump, non-return valve, pressure switch, pressure gauge, Y-Strainer and pressure tank. As the Y-Strainer included in the system, the entry of foreign particles are avoided and thus the system life is extended.



### MODEL IDENTIFICATION



### FEATURES

Inbuilt thermal overload protector
Lesser running cost than the conventional systems
No manual interference to operate the plumbing system
High operating efficiency
Factory tested system and supplied as a package

### APPLICATIONS

Residential Buildings
Industries
Hotels
Hospitals
Apartments
Bungalows

### SPECIFICATION

Liquid temperature upto	90°C	33°C	33°C
Power ranges upto	1.5HP	1HP	0.5HP
<b>Hydraulic performance</b>			
Flow upto	8 m <sup>3</sup> /hr	3.6 m <sup>3</sup> /hr	2.2 m <sup>3</sup> /hr
Maximum pressure	5.5 bar	4.6 bar	3.0 bar

**Pressure Tank Sizes : 24l and 35l**

**Pressure Tank Size : 2l**

### MATERIALS OF CONSTRUCTION

#### PUMPSET

Part Name	Material
Pump casing	Cast Iron
Bracket & Rear Cover	Cast Iron
Rotor	Aluminium Die Cast
Motor body	Aluminium Extruded
Motor Shaft	SS 410
Cooling Fan	Poly Propylene - Co Polimer
Cooling Fac Cover	Poly Propylene - Co polimer / MS
Impeller	SS / CI / High Tensile Brass
Mechanical Seal	Carbon & Ceramic

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

### MULTISTAGE HORIZONTAL BOOSTER SYSTEM

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

Model	Power		Head (m)	Flow (m <sup>3</sup> /hr)							Suction Size (mm)	Delivery Size (mm)	
	kW	HP		0	1.0	1.5	2.0	2.5	3.0	3.5			
KB05-37/24	0.37	0.50		37	33	32	29	26	22	17.5	25	25	
KB07-55/24	0.55	0.75		55	50	47.5	43.5	38.5	32.5	26.5	25	25	
Model	Power		Head (m)	Flow (m <sup>3</sup> /hr)							Suction Size (mm)	Delivery Size (mm)	
	kW	HP		0	2	3	4	5	6	7			8
KB07-35/24	0.55	0.75		35	31	28.5	26	23	18	16	12	25	25
KB10-45/24 #	0.75	1.0		45	40	38	34	31	24	22	15	25	25
KB15-54/24 #	1.1	1.5	54	49.5	47	43	38	30	22	20	25	25	

# - Marked models available in 35 ltr tank also

### PRESSURE BOOSTING CENTRIFUGAL JET SELFPRIMING PUMPSETS

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

Model	Power		Head (m)	Flow (m³/hr)								Suction Size (mm)	Delivery Size (mm)	
	kW	HP		0	0.6	0.8	1.0	1.4	1.8	2.2	2.6			3.0
KBZS05-39/24	0.37	0.5		39	35.4	33.8	32.5	29.7	26.8	24.4	20.3		25	25
KBZS10-43/24	0.75	1.0		42.7	38.3	37	35.9	33.1	30	27.2	22.7	16	25	25

### PRESSURE BOOSTING REGENERATIVE SELFPRIMING PUMPSETS

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

Model	Power		Head (m)	Flow (m³/hr)									Suction Size (mm)	Delivery Size (mm)
	kW	HP		0.4	0.8	1.1	1.4	1.6	1.9	2.0	2.1	2.2		
KB05-30/2	0.37	0.5		30	25	21	18	15	12	10	8	6	25	25

Supplied with 2 litres tank