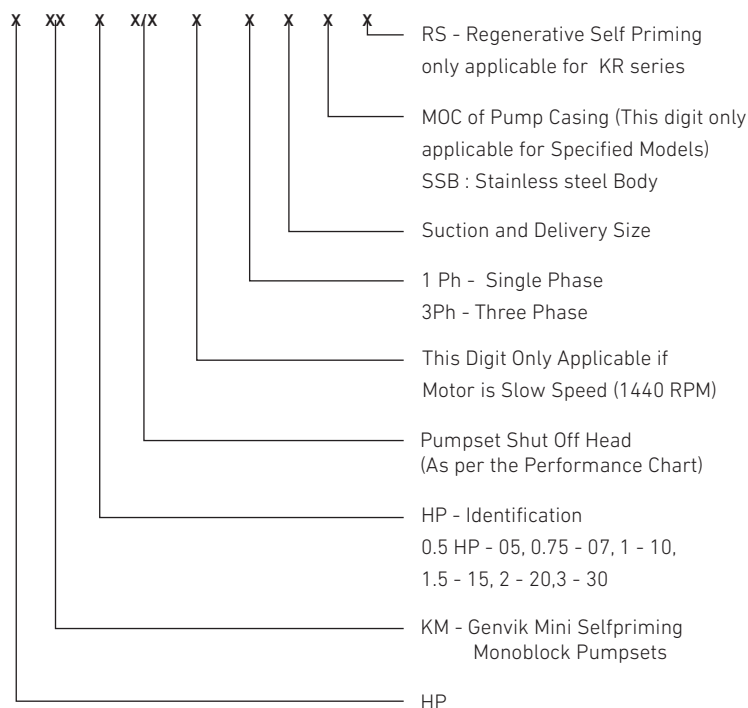




DESCRIPTION

Genvik Selfpriming monoblock pumpsets are power-driven by a totally enclosed fan cooled AC induction two pole motor, suitable for continuous duty in the frame. The Windings are of high - grade enameled copper wire and are varnish impregnated. Construction of motor frames and usage of quality materials result in high performance, noise free operation and low temperature rise thereby increasing the life cycle efficiency and suction lift characteristics. Non-selfpriming model with end suction and radial delivery.

MODEL IDENTIFICATION



FEATURES

Upto 328 feet working capacity
Built-in with imported Thermal Overload Protector
Specially designed for wide voltage operation
Powder coated multi-color stator body
Sturdy and compact
Double sealed ball bearing, so no need of external lubrication
Pumpset available with extension shaft for multi purpose application
Pumpset available with SG(Spheroidal Graphite) Iron casing which ensures longer life even at freezing temperature.

APPLICATIONS

Domestic
Small garden
Pressure boosting
Civil applications

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

SPECIFICATION

Power range	0.18 kW - 1.1 kW (0.25HP - 1.5HP)
Speed	2880 RPM
Version	1 Ph - 220 – 240V, 3Ph - 38-415V, 50Hz AC Supply
Maximum total head	100 metre
Maximum flow rate	3800 lph (3.8 m3/hr)
Degree of protection	IP 44
Degree of rotation	Clockwise from driving end
Class of insulation	'B'
Type of duty	S1 (Continuous)
Maximum suction lift	8 metre
Maximum liquid temperature	330c
Maximum ambient temperature	400c
Normal Size (Suction x delivery)	15 x 15, 20 x 20 & 25 x 25 mm

MATERIALS OF CONSTRUCTION**PUMPSET**

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

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

REGENERATIVE SELFPRIMING /
NON-SELFPRIMING MONOBLOCK PUMPSETS

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

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet												
						6	8	10	12	15	18	21	25	30	35	40	45	50
						20	26	33	39	49	59	69	82	98	115	131	148	164
						Discharge in LPH												
KM02-1950	0.18	0.25	NON-SELF PRIMING	20 X 20	8	1950	1850	1800	1728	1188	792	432						
KM05-3150	0.37	0.5	SELF PRIMING	25 X 25	8	3150	2950	2808	2600	2448	2200	2088	1800	1500				
KM10-3100	0.75	1	SELF PRIMING	25 X 25	8	3100	3000	2900	2700	2600	2480	2350	2196	1980	1728	1368		
KM15-3200	1.1	1.5	SELF PRIMING	25 X 25	8	3888	3800	3750	3700	3600	3500	3400	3300	3060	2750	2450	2000	1350

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet								
						6	8	10	12	15	18	21	25	30
						20	26	33	39	49	59	69	82	98
Discharge in LPH														
KM05-2016	0.37	0.5	SELF PRIMING	25 X 25	8	2016	1872	1750	1512	1332	1000	800	360	
KM10-3000	0.75	1	SELF PRIMING	25 X 25	8	3000	2800	2600	2450	2320	2100	1880	1720	1320

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet								
						6	8	10	12	15	18	21	25	30
						20	26	33	39	49	59	69	82	98
Discharge in LPH														
KM05-2088	0.37	0.5	SELF PRIMING	25 X 25	8	2088	2000	1800	1600	1400	1220	1000	760	
KM10-3050	0.75	1	SELF PRIMING	25 X 25	8	3050	2850	2650	2500	2350	2120	1900	1800	1400

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet												
						6	10	15	18	25	30	40	50	60	70	80	90	100
						20	33	49	59	82	98	131	164	197	230	262	295	328
						Discharge in LPH												
KM10-1700	0.75	1	NON SELFPRIMING	25 X 25	8	1700	1600	1500	1400	1300	1200	1000	800	650	480	320	180	
KM15-3300	1.1	1.5	NON SELFPRIMING	25 X 25	8	3300	3024	2900	2800	2600	2400	2200	2000	1750	1200	900	400	150

Model	kW	HP	Type	Suction x Delivery in mm	Suction Capacity in mtrs	Total Head in metre / feet												
						6	10	12	15	18	21	25	30	35	40	45	50	55
						20	33	39	49	59	69	82	98	115	131	148	164	180
Discharge in LPH																		
KM05-1550	0.37	0.5	WONDER SUCTION	25 X 25	8	1550	1500	1480	1350	1200	1090	850						
KM05-1370	0.37	0.5	WONDER SUCTION	15 X 15	8	1370	1150	1100	1020	900	800	520						
KM05-1580	0.37	0.5	WONDER SUCTION	25 X 25	8	1580	1400	1350	1300	1000	850	550						
KM07-1900	0.55	0.75	WONDER SUCTION	25 X 25	8	1900	1775	1700	1620	1400	1200	950	500					
KM10-2450	0.75	1	WONDER SUCTION	25 X 25	8	2450	2200	2100	1900	1750	1600	1450	1200	750				
KM15-150	1.1	1.5	WONDER SUCTION	25 X 25	8	3200	3100	3000	2950	2900	2800	2700	2500	2350	2000	1650	1200	750