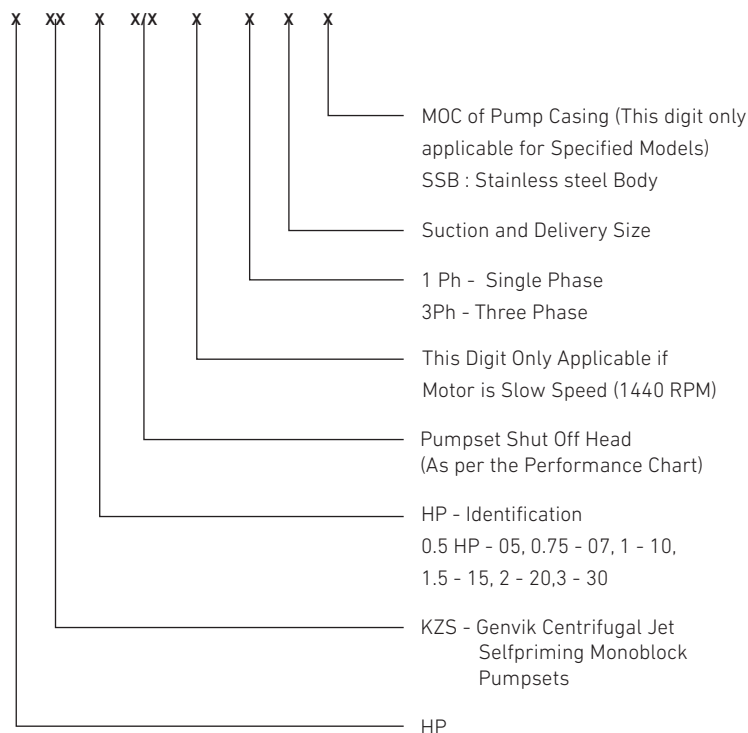


DESCRIPTION

Genvik Centrifugal jet self priming pumpsets pump Casing and ejector unit are designed carefully to give the best possible hydraulic efficiency and suction lift characteristics. These pumpsets are powered by a totally enclosed fan cooled AC induction motor, suitable for continuous duty. Motor stator is made of low watt loss impregnated windings made of enameled copper wire offer excellent resistance. Construction of motor frame and usage of quality materials result in high performance and low temperature raise, thereby increasing the life cycle of the motor.

MODEL IDENTIFICATION



FEATURES

30 feet suction lifting capacity	Shallow well
Specially designed for shallow well applications	Small farms
High Operating efficiency resulting in lower power consumption	Domestic
Back pull - out design for easy servicing and repair	Pressure boosting
Inbuilt thermal overload protector	Gardens l Fertigation
In-built non return valve	Drinking water supply
Specially coated pumps available for Fertigation application	

APPLICATIONS

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

SPECIFICATION

CTSS Series

Power range	0.37 kW - 0.75 kW (0.5HP – 1.0HP)
Speed	2880 RPM
Version	Single phase 220 - 240V, 50Hz AC Supply
Maximum total head	47 metre
Maximum flow rate	56.6 lpm (3.4 m3/hr)
Maximum suction lift	9 metre
Degree of protection	IP 54
Direction of rotation	Clockwise from driving end
Class of insulation	B
Type of duty	S1 (Continuous)
Method of starting	Permanent Split Capacitor (PSC)
Nominal pumpset size	25 x 25 mm

MATERIALS OF CONSTRUCTION

PUMPSET

Part Name	Material
Impeller	Cast Iron / Noryl
Motor body	Aluminium
Shaft	SS 410
Bracket	Carbon
Pump casing	Carbon
Mechanical Seal	Carbon & Ceramic

CENTRIFUGAL JET
SELFPRIMING PUMPSETS

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

Model	kW	HP	Outlet Size in mm	m ³ /hr lps	0	0.6	0.8	1	1.4	1.8	2.2	2.6	3	3.4
					0	600	800	1000	1400	1800	2200	2600	3000	3400
KZS05-37	0.37	0.5	25 x 25	Head in Metres	37	33.5	32	30.8	28.2	25	22.4	19.8	15.6	
KZS05-39	0.37	0.5	25 x 25		39	35.4	33.8	32.5	29.7	26.8	24.1	20.3		
KZS10-41	0.75	1	25 x 25		41	37.6	36.3	34.9	32.2	29.5	27.2	25.4	17.4	11.2
KZS10-43	0.75	1	25 x 25		42.7	38.3	37	35.9	33.1	30	27.2	22.7	16	

KZS05-39 & KZS10-43 - Noryl Impeller