



Features

Pump

- Light weight and compact
- Non overloading power characteristics ensures trouble free operation in the entire operating range
- Can be installed with HDPE/UPVC/GI pipes
- Flatter efficiency curve ensures better performance in the entire operating range
- **Can also be installed horizontally / any direction**
- Easy to assemble and dismantle

Motor

- Anti-friction bearings for axial / radial loads give better life to motor
- Potable and hygienic grade of oil-filled motor facilitates use of anti-friction bearings (instead of journal bearings) resulting in smooth running and trouble free operation of pumpset
- Stator is easily rewindable
- Class 'F' insulation
- Wider voltage range : 160-240 Volts (1 Ph)
- Maximum starts / stops per hour : 30
- More hygienic & potable for drinking water

Material of Construction

Pump

- Pump Housing : Stainless Steel AISI 410
- Pump Shaft : Stainless Steel AISI 410
- Impellers : Noryl
- Bowl : Noryl
- Sleeves : Stainless Steel AISI 410

Motor

- Motor Housing : Stainless Steel AISI 410
- Motor Shaft : Stainless Steel AISI 410
- Shaft : Stainless Steel AISI 410
- All Hardware : Stainless Steel

Applications

- Domestic and industrial water supply
- Fire fighting systems for small and medium size plants
- Sprinkler and drip irrigation systems
- Booster systems
- Farm houses , nurseries and gardening

Technical Specifications

- Head : 8-60 metres
- Capacity : 100-30 LPM
- Rating : 0.37kW-0.75kW (0.50 HP-1.0 HP)
- Voltage Range : 160-240V Single Phase

Performance under standard test conditions

Pipe Size : 25 mm

PUMP MODEL	POWER RATING		NO. of Stages	FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	DISCHARGE IN LITRES PER MINUTE								START & RUN CAPACITOR EATING (mfd)
	kW	HP				30	50	58	64	75	84	90	100	
TOTAL HEAD IN METRES														
KU3-0610S	0.37	0.50	10	4.4	220	30	27	25	23	20	17	13	8	25
KU3-0615S	0.55	0.75	15	6.0	220	45	40	38	35	30	26	20	13	36
KU3-0620S	0.75	1.02	20	7.8	220	60	54	50	46	40	34	26	16	45
KU3-0612S	0.75	1.02	12	7.8	220	36	32	30	28	24	20	16	10	45
KU3-0615S	0.75	1.02	15	7.8	220	45	40	38	35	30	25	20	13	45
KU3-0626	0.93	1.25	26		220	60	47	40	36	27				
KU3-0632	1.1	1.50	32		220	70	60	52	45	33				

Note : Performance applicable to liquid of specific gravity 1 and viscosity as of water.