

Product Catalogue



Features

Pump

- Low power consumption
- Designed for optimum efficiency
- Suitable for oil and water filled motor
- Pump motor connection according to NEMA standard
- Hexa Rubber Bush and Stainless Steel sleeve increases the wear resistance
- NRV fitted in discharge outlet to prevent backflow
- Corrosion and abrasion resistant part
- Less vibration and lower noise level due to dynamic balancing of rotating parts
- Light in weight and compact in size makes it easy to install
- Can be installed with HDPE / UPVC / GI pipes
- **Can also be installed horizontally**

Material of Construction

Pump Housing	: Stainless Steel
NRV	: Cast Iron
Suction Housing	: Cast Iron
DOL	: Cast Iron
Impellers	: Noryl
Diffusers	: Noryl
Strainer	: Stainless Steel
Diffuser Casing	: 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	: 8-248 metres
Capacity	: 180-5 LPM
Rating	: 0.37 kW-1.5 kW (0.50 HP-2.0 HP)
Voltage Range	: 150-240V Single Phase

Motor

Oil Filled Motor : Fitted with Double Ball Bearing

- 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
- Insulation : Class 'F'
- Wider voltage range : Single Phase 150V-240V (Rated Voltage 200V)
- Maximum starts / stops per hour : 30

Performance under standard test conditions

SERIES KU4-02 PIPE SIZE: 32mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM					
	HP	kW	5	10	15	20	25	30
TOTAL HEAD IN METRES								
KU4-0214 S	0.50	0.37	69	64	57	48	42	30
KU4-0221 S	0.75	0.55	102	95	86	73	63	44
KU4-0224 S	1.02	0.75	117	109	99	84	73	51
KU4-0228 S	1.02	0.75	136	127	115	98	85	60
KU4-0234 S	1.5	1.1	164	154	139	116	100	70
KU4-0240 S	1.5	1.1	192	180	164	138	119	83

SERIES KU4-07 PIPE SIZE: 32mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM					
	HP	kW	15	30	45	60	75	90
TOTAL HEAD IN METRES								
KU4-0704 S	0.50	0.37	28	25	23	20	15	8
KU4-0707 S	0.75	0.55	50	44	40	34	26	16
KU4-0708 S	1.02	0.75	57	50	46	39	30	18
KU4-0709 S	1.02	0.75	60	57	52	44	33	22
KU4-0713 S	1.50	1.10	88	82	74	64	48	29
KU4-0718 S	2.00	1.50	120	113	103	88	66	40
KU4-0722 S	2.50	1.90	132	127	120	107	90	86
KU4-0727 S	3.00	2.20	179	170	155	132	100	60

SERIES KU4-03 PIPE SIZE: 32mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM						
	HP	kW	10	15	20	25	30	35	45
TOTAL HEAD IN METRES									
KU4-0307 S	0.50	0.37	44	42	39	36	32	28	17
KU4-0310 S	0.75	0.55	62	60	56	51	46	40	24
KU4-0311 S	1.02	0.75	70	65	62	57	51	44	26
KU4-0314 S	1.02	0.75	86	83	79	72	65	55	33
KU4-0318 S	1.50	1.10	111	107	101	93	83	72	43
KU4-0321 S	1.50	1.10	130	125	118	108	97	84	50
KU4-0328 S	2.00	1.50	172	167	157	144	129	112	67
KU4-0334 S	2.50	1.90	210	202	191	175	157	136	80
KU4-0340 S	3.00	2.20	248	238	225	206	185	160	96

SERIES KU4-15 PIPE SIZE: 50mm

PUMP MODEL	POWER RATING		DISCHARGE IN LPM				
	HP	kW	60	90	120	150	180
TOTAL HEAD IN METRES							
KU4-1504 S	0.75	0.55	23	21	18	13	8
KU4-1505 S	1.02	0.75	29	26	22	17	10
KU4-1507 S	1.50	1.10	40	37	31	24	14
KU4-1509 S	2.00	1.50	51	47	40	30	18
KU4-1512 S	2.50	1.90	68	62	52	40	24
KU4-1512 S	3.00	2.20	68	62	52	40	24
KU4-1514 S	3.00	2.20	80	73	62	47	28