

# Product Catalogue

## GENEXT

Single Phase Monobloc Pump



### Features

- Can withstand wide voltage fluctuations :  
From 180 - 240 Volts (For Single phase)
- Suction lift up to 7.5 metres
- Top flat efficiency curve : minimum variation in efficiency in entire operating range
- Designed to prevent overloading and motor burning
- Models are with IP - 44 protection
- Class 'B' insulation
- Capacitor Inside terminal box
- Fitted with shield ball bearing-lubricated for life
- Dynamically balanced rotating parts ensure minimum vibration
- Replaceable wearing parts and hence longer life
- Designed for automatic air release during priming
- **CED coated wetted components for long life & rust free operation**
- More hygienic & potable for drinking water

### Material of Construction

#### Standard Supply

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel

### Applications

- Gardening and small farm irrigation
- Industries for clear water handling
- Water supply for domestic use in Apartments, Buildings and Hotels

### Technical Specifications

Head	: 6-38 metres
Capacity	: 6.9-0.4 LPS
Power Rating	: 0.37 kW-0.75 kW (0.5 HP-1.0 HP)
Voltage Range	: 180-240 V

### Performance under standard test conditions

PUMP MODEL	POWER RATING		PIPE SIZE (mm)		FULL LOAD CURRENT (in amps.)	RATED VOLTAGE (VOLTS)	TOTAL HEADS IN METRES															
	kW	HP	SUC	DEL			6	8	10	12	14	16	18	20	22	24	26	28	30	32	36	38
DISCHARGE IN LITRES PER SECOND																						
GMC-0510	0.37	0.5	50	40	-	210	3.37	2.62	0.94													
GMC-112	0.75	1.0	50	50	6.5	210	6.9	5.5	3.9	2.0												
GMC-116	0.75	1.0	50	40	6.5	210	5.35	5.0	4.63	4.2	3.62	3.0	2.0									
GMC-123	0.75	1.0	32	25	6.5	210			4.0	3.6	3.2	2.65	2.2	1.6	0.9							
GMC-128	0.75	1.0	50	40	6.5	210					1.9	1.82	1.72	1.57	1.37	1.1	0.77	0.4				
GMC-134	0.75	1.0	25	25	6.5	210						1.66	1.59	1.5	1.38	1.24	1.06	0.87	0.66	0.4		

**Note:** Performance applicable to liquid of specific gravity 1 and viscosity as of water.  
GMC-128 can also be supplied with pipe size 25x25 mm and 40x40 mm.