

## Applications

- Agriculture, Irrigation (Sprinkler, Drip), Rural Drinking Water Supply etc.

## Features And Specifications

- CED coated cast iron parts
- Excellent aesthetics & sturdy design
- Easy installation – hook & rigid base mounting provided
- High quality water lubricated bearings & oil seal used for long life
- Balanced rotor and impeller used to ensure vibration free performance
- Water cooled & wet type motor
- Stainless steel shaft
- Designed for high water discharge.
- Energy efficient motor design
- Provided SS strainer to prevent sand entry.
- Supply: 3ph, AC, 50Hz ; voltage – 350 to 440V
- Head up to : 48mtr, discharge up to : 1400 Lpm



Construction Detail	
Pump Volute Casing	Cast Iron
Impeller	Cast Iron
Motor Body	Cast Iron
Mounting Foot Frame	MS
Pump Adaptor & End cover	Cast Iron
Bush Bearing	LTB 4
Thrust Bearing	Sintered Carbon + SS
Shaft	Stainless Steel
Rotor Type	Copper
Winding Wire	PVC Insulated Copper

Cat Ref	Power		Pipe Size (mm)	Discharge In LPM													
				100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400
	kW	Hp		Head In Meters													
CGAOW03K	2.2	3.0	50 x 40	30	28	26	24	20	15	10							
CGAOW03N	2.2	3.0	65 x 50	26	25	24	21	17	13	8							
CGAOW05N	3.7	5.0	65 x 50	36	35	34	31	28	24	20	15	8					
CGAOW05P	3.7	5.0	80 x 65	28	28	27	26	25	23	21	18	15	11				
CGAOW07N	5.5	7.5	65 x 50	48	47	45	42	38	32	23	12						
CGAOW07P	5.5	7.5	80 x 65	40	40	39	38	37	36	34	32	29	26	23	19	15	10

Cat Ref	Power		Pipe Size (mm)	Discharge in LPM													
				240	300	360	420	480	540	600	660	720	780	840	900	960	1020
	kW	Hp		Head in meters													
CGAOW03KA	2.2	3.0	50 x 40	29	28	26.5	25	22.5	19	15							
CGAOW03NA	2.2	3.0	65 x 50	27	26	25	23.5	21	19	16.5	14						
CGAOW05NA	3.7	5.0	65 x 50		36	35	33	31	28	25	22	19	15				
CGAOW05PA	3.7	5.0	80 x 65						26	25	24	23	21.5	20	18	16	14