

# Agro 3Ph Centrifugal Mono Block Pump Set

# CGXMB®

NEW

### Applications

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

### Features And Specifications

- CED coated pump components
- Cast iron motor body
- Robust Construction
- High Quality Mechanical seal used for long life
- Balanced rotor and impeller used to ensure vibration free performance
- Stainless steel shaft
- Designed for high water discharge
- Energy efficient motor design
- TEFC motor with Class - F insulation.
- Flow rate up to 1650LPM
- Head up to 68mtr
- Supply: 3ph, AC, 50Hz; voltage – 350 to 440v.



Construction Details	
Motor Body	Cast Iron FG 200
Volute Casing	Cast Iron FG 200
Impeller	Cast Iron FG 200
Adaptor	Cast Iron FG 200
Flange	Cast Iron FG 200
End Cover	Cast Iron FG 200
Shaft	SS 410
Sealing Type	Mechanical Seal
Stamping	M47
Winding	Copper

Pipe Size reference for suction and delivery
D' Pipe Size 25 x 25 (1 Inch x 1 Inch)
F' Pipe Size 32 x 32 (1.25 Inch x 1.25 Inch)
E' Pipe Size 32 x 25 (1.25 Inch x 1 Inch)
G' Pipe Size 40 x 25 (1.50 Inch x 1 Inch)
J' Pipe Size 40 x 40 (1.50 Inch x 1.50 Inch)
M' Pipe Size 50 x 50 (2 Inch x 2 Inch)
K' Pipe Size 50 x 40 (2 Inch x 1.5 Inch)
N' Pipe Size 65 x 50 (2.5 Inch x 2 Inch)
P' Pipe Size 80 x 65 (3 Inch x 2.5 Inch)
Q' Pipe Size 80 x 80 (3 Inch x 3 Inch)
R' Pipe Size 100 x 80 (4 Inch x 3 Inch)
S' Pipe Size 100 x 100 (4 Inch x 4 Inch)

CG Ref	Power	Pipe Size	Discharge (LPM)											
			120	150	200	250	300	350	400	450	500	550	600	
	kW/Hp	mm	Head in Meters											
CGXMB03K38	2.2/3	50 x 40	38	36	32	25	11							
CGXMB05K42	3.7/5	50 x 40		42	41	40	39	38	36	33	28	20	12	
CGXMB07K58	5.5/7.5	50 x 40					58	57	56	54	48	32		
CG Ref	Power	Pipe Size	Discharge (LPM)											
			300	400	500	600	700	800	900	1000	1100	1200	1300	
	kW/Hp	mm	Head in Meters											
CGXMB03N24	2.2/3	65 x 50	24	22.5	20	17	14							
CGXMB03P18	2.2/3	80 x 65			18	17	16	14	11					
CGXMB05N34	3.7/5	65 x 50		34	28	16								
CGXMB05N38	3.7/5	65 x 50	38	37	35	31	25	18						
CGXMB05P26	3.7/5	80 x 65				26	25	23.5	22	20				
CGXMB07N52	5.5/7.5	65 x 50		52	49	45	40	34						
CGXMB07N53	5.5/7.5	65 x 50			53	51	49	46	42					
CGXMB07P34	5.5/7.5	80 x 65		34	33	32	30	28	25.5	22	17			
CGXMB07P36	5.5/7.5	80 x 65		36	35	34	33	32	30.5	28	25	21	16	
CGXMB10N52	7.5/10	65 x 50		52	50	47.5	44	38	30					
CGXMB10N68	7.5/10	65 x 50			68	66	64	60	43					
CGXMB10P40	7.5/10	80 x 65					40	39	36	29	20	12		
CG Ref	Power	Pipe Size	Discharge (LPM)											
			600	750	900	1050	1200	1350	1500	1650				
	kW/Hp	mm	Head in Meters											
CGXMB05R18	3.7/5	100 x 80		18	17	16	14.5	12.5	10					
CGXMB07R26	5.5/7.5	100 x 80		26	25	24	22.5	20.5	18					
CGXMB10R36	7.5/10	100 x 80	36	35	34	32	30	27	24					
CGXMB03S15	2.2/3	100 x 100		15	14	12	10	8						
CGXMB05S16	3.7/5	100 x 100		16	15	14	13	12	10					
CGXMB07S26	5.5/7.5	100 x 100	26	25	24	22	20	18	16					
CGXMB10S34	7.5/10	100 x 100			34	32	30	27	26	24				