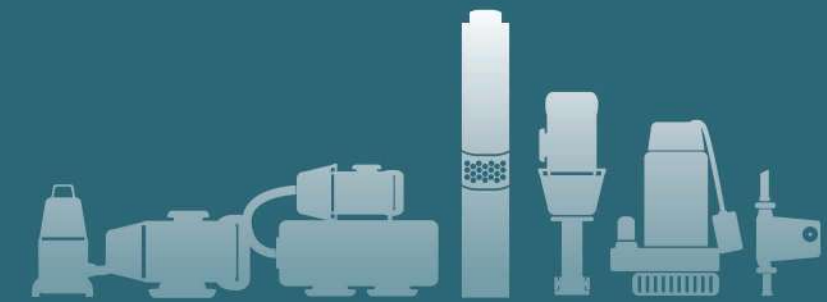


GREEN



PRODUCT CATALOGUE WATER PUMP


GREEN[®]
Water Solution

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GREEN[®]
Water Solution



Installation And Use

GCD series is horizontal centrifugal pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

Flow rate up to
18 m³/h

Head up to
76.5 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Liquid temperature up to + 50 °C
Ambient temperature up to + 50 °C
Max. working pressure: 1 MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
housing: Aluminum. Motor
Mechanical Seal: Ceramic- graphite.
Electric Motor: Single- phase with condenser and thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 55.



One stage impeller



Dual stage impeller



Model		Power		Max head	Max. flow	Size	N/W	Q (m ³ /h)												
Single-phase	Three-phase	kW	HP	m	m ³ /h	Inch	kg	0	1.2	3	4.2	5.4	6.6	7.2	9	10.8	12	15		
								Q (L/min)	0	20	50	70	90	110	120	150	180	200	250	
GCDm70/037	GCD70/037	0.37	0.5	21	7	G1¼"	10.8	H(m)	21	19	16	13.5	11							
GCDm70/055	GCD70/055	0.55	0.75	28.5	7	G1¼"	11.9		28.5	26	22	19	16							
GCDm90/075	GCD90/075	0.75	1	30	9	G1¼"	14		30	28.5	26	24.5	22.5	20	19					
GCDm120/055	GCD120/055	0.55	0.75	22	9.5	G1¼"	15.5		22		19.5	19	17.5	16.5	16	13.5				
GCDm120/090	GCD120/090	0.9	1.2	31.5	11	G1¼"	14		31.5		28	27	25	24	23	20	16			
GCDm120/150	GCD120/150	1.5	2	38	12	G1¼"	15.5		38		33.8	32.8	31	29.5	28.4	25.3	21.8			
GCDm200/090	GCD200/090	0.9	1.2	23.5	12	G1½"	14		23.5			20	19.5	19	18.5	16.5	15.5	15		
GCDm200/150	GCD200/150	1.5	2	31.5	13.5	G1½"	14.5		31.5			29	28	27	26.5	24.5	22	21		
GCDm200/185	GCD200/185	1.85	2.5	39	15	G1½"	21.7		39			36	35	34	33	31.5	29	27	23	

Model		Power		Max head	Max. flow	Size	N/W	Q (m ³ /h)											
Single-phase	Three-phase	kW	HP	m	m ³ /h	Inch	kg	0	1.2	3	4.2	5.4	6.6	7.2	9	10.8	12	15	
								Q (L/min)	0	20	50	70	90	110	120	150	180	200	250
2GCDm70/075	2GCD70/075	0.75	1	43.5	9	G1¼"	11.8	H(m)	43.5	40	36	33	28	24	21				
2GCDm70/090	2GCD70/090	0.9	1.2	48.5	9	G1¼"	12.9		48.5	45	39	34	27	20.5	16				
2GCDm70/110	2GCD70/110	1.1	1.5	56.5	8	G1¼"	15		56.5	52.5	48	43	35.5	29.5	25				
2GCDm70/150	2GCD70/150	1.5	2	63.5	8	G1¼"	16.5		63.5	58	53.5	48	41	32.5	20				
2GCDm120/110	2GCD120/110	1.1	1.5	43.5	11	G1¼"	15		43.5		40	38	35	33	32	27.5			
2GCDm120/150	2GCD120/150	1.5	2	54.5	11	G1¼"	16.5		54.5		48.5	46	43	40	38.5	33.5			
2GCDm120/220	2GCD120/220	2.2	3	66	13	G1¼"	24		66		59	57	54	52	50	45.5			
/	2GCD120/300	3	4	71.5	13	G1¼"	24.1		71.5		65	63	60.5	58	56	51.5			
2GCDm200/220	2GCD200/220	2.2	3	56.5	15	G1½"	23		56.5			49	47.5	46	45	41.5	36	33.5	25.5
/	2GCD200/300	3	4	67.5	17	G1½"	24.1		67.5			60	58	56	54.5	52	48	46	37
/	2GCD200/370	3.7	5	76.5	18	G1½"	30.8	76.5			70	69	67	65	62	57.5	55	47	



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