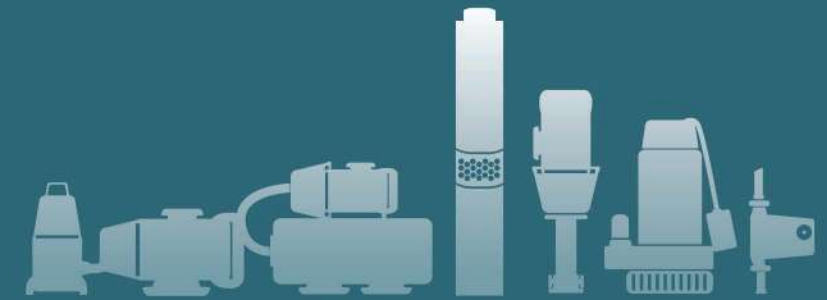


GREEN



PRODUCT CATALOGUE WATER PUMP


GREEN[®]
Water Solution

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GREEN[®]
Water Solution



Installation And Use

GSA 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, heating, 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 **200 m³/h**

Head up to **73 m**

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Medium temperature:
low temperature: - 20~ + 70 C
standard model: + 15~ + 70 C
high temperature: + 70~ + 104 C

Environmental temperature: ≤ 50 C
Max.working pressure: 1.0 MPa

Construction

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
Motor housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Closed,externally ventilated.
Thermal protector: Single-phase.
Insulation: Class F.
Protection: IP 55.



Model		Power		Max head m	Max. flow m ³ /h	Size DN	N/W kg	Q (m ³ /h)	Q (L/min)								
Single-phase	Three-phase	kW	HP						0	3	6	9	12.5	15	18	20	22
GSA50-32-160/1.1	GSA50-32-160/1.1	1.1	1.5	22	22	50*32	21.5	H(m)	22	21	20	18.5	16.5	15	12.5	10	8
GSA50-32-160/1.5	GSA50-32-160/1.5	1.5	2	27	22	50*32	22.5		27	26	24.5	22.5	20	18.5	15	12.5	9.5
GSA50-32-160/2.2	GSA50-32-160/2.2	2.2	3	32	25	50*32	31		32	30.5	29.5	27.5	26	24	22.5	20.5	18
/	GSA50-32-200/3	3	4	39	25	50*32	38		39	38	37	35	34	32	30	28	26
/	GSA50-32-200/4	4	5.5	54	25	50*32	54		54	51.5	50	48	45	43	41	39	30
/	GSA50-32-200/5.5	5.5	7.5	65	25	50*32	62.3		65	62	60	58	54	52	47	42	37

Model		Power		Max head m	Max. flow m ³ /h	Size DN	N/W kg	Q (m ³ /h)	Q (L/min)									
Single-phase	Three-phase	kW	HP						0	5	10	15	20	25	30	35	40	
GSA65-40-125/1.5	GSA65-40-125/1.5	1.5	2	21	30	65*40	21	H(m)	21	20	19	17.5	16	13	10.5			
GSA65-40-125/2.2	GSA65-40-125/2.2	2.2	3	28	35	65*40	29		28	27	26	24	22	20	17	14		
/	GSA65-40-125/3	3	4	32	40	65*40	37		32	31	30	29	27	25	22	18	14	
/	GSA65-40-160/4	4	5.5	40	40	65*40	49.5		40	39	38	36.5	34	31	28	24	19	
/	GSA65-40-200/5.5	5.5	7.5	48	40	65*40	62.5		48	47	46	45.5	44	41	38	34	30	
/	GSA65-40-200/7.5	7.5	10	52	45	65*40	74		52	52	51.5	51	50	48	45	42	38	
/	GSA65-40-200/11	11	15	69	45	65*40	93		69	69	69	68.5	68	68	66	64	60	



Model	Power		Max head m	Max. flow m ³ /h	Size DN	N/W kg	Q (m ³ /h)	Q (L/min)	0	5	10	20	30	40	50	60	70
	kW	HP							0	83.3	166	333	500	666	833	1000	1166
GSA65-50-125/3	3	4	27	45	65*50	37.5	H(m)	27	27	26	23	20	16				
GSA65-50-125/4	4	5.5	28	55	65*50	49.5		28	28	27	26	24	21	16			
GSA65-50-160/5.5	5.5	7.5	35	60	65*50	62.5		35	34.5	34.5	34	31.5	28.5	24	20		
GSA65-50-200/7.5	7.5	10	42	65	65*50	73		42	41	41	40.5	39	36	32	27.5		
GSA65-50-200/9.2	9.2	12.5	52	65	65*50	82		52	52	52	51	49	45	41	37		
GSA65-50-200/11	11	15	58	70	65*50	93		58	57	56	55	53	51	48	42	30	
GSA65-50-200/15	15	20	71	70	65*50	107		71	69	68	67	65	64	62	57	50	
GSA65-50-200/18.5	18.5	25	73	70	65*50	158		73	73	72	71	70	69	68	65	59	

Model	Power		Max head m	Max. flow m ³ /h	Size DN	N/W kg	Q (m ³ /h)	Q (L/min)	0	40	50	60	70	80	90	100	110	120	130
	kW	HP							0	666	833	1000	1166	1333	1500	1666	1833	2000	2166
GSA80-65-125/4	4	5	21	90	80*65	49.5	H(m)	21	19	18	17	15	13	11	9				
GSA80-65-125/5.5	5.5	5.5	26	115	80*65	62.5		26	24	23	22	21	20	19	17	15			
GSA80-65-125/7.5	7.5	10	32	120	80*65	69.5		32	31	30	29	28	27	26	24	22	19		
GSA80-65-125/9.2	9.2	12.5	34	125	80*65	80.5		34	33	32	32	31	30	29	28	26	25	22	
GSA80-65-160/11	11	15	40	125	80*65	93		40	39	38	37	36	35	34	32	30	28	25	
GSA80-65-160/15	15	20	48	130	80*65	107		48	46	45	44	42	41	40	39	38	36	34	
GSA80-65-200/18.5	18.5	25	60	130	80*65	158		60	58	57	56	55	54	53	52	50	49	46	
GSA80-65-200/22	22	30	62	130	80*65	192		62	58	57	56	55	54	53	52	51	49	47	
GSA80-65-200/30	30	40	70	130	80*65	223	70	67	67	66	65	64	63	62	61	60	58		

Model	Power		Max head m	Max. flow m ³ /h	Size DN	N/W kg	Q (m ³ /h)	Q (L/min)	0	60	80	100	120	140	160	180	192	200
	kW	HP							0	1000	1333	1666	2000	2333	2666	3000	3200	3333
GSA100-80-160/11	11	15	30	180	100*80	92.5	H(m)	30	30	29	27	26	24	21	18			
GSA100-80-160/15	15	20	36	180	100*80	106		36	35	33	31	29	27	24	21			
GSA100-80-160/18.5	18.5	25	40	180	100*80	158		40	36	35	34	33	31	28	25			
GSA100-80-200/22	22	30	46	190	100*80	193		46	42	40	38	36	34	31	27			
GSA100-80-200/30	30	40	58	200	100*80	232		58	54	53	52	50	47	44	41	38	36	
GSA100-80-200/37	37	50	68	200	100*80	256		68	64	63	61	59	57	54	51	49	46	



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