



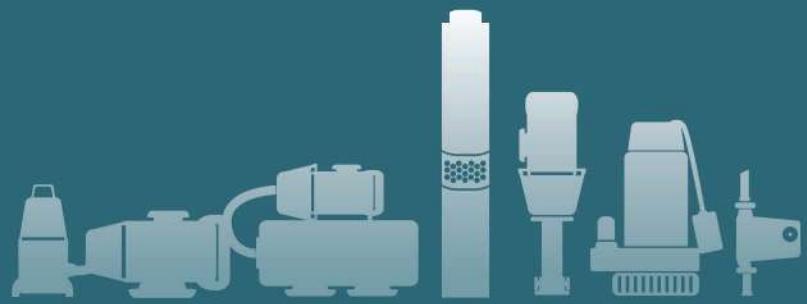
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PRODUCT CATALOGUE WATER PUMP




Installation And Use

They are recommended 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 fire fighting, irrigation, civil, industrial and agricultural applications. The realisation according to standard EN733- DIN24255 ensure that the dimensions comply with those standards. The constructive from allows the pump body moved without disconnecting it from the pipes. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.


**Flow rate up to
10000 L/min (600 m³/h) 151 m**
**Liquid Type: Clean water
Typology: Surface
Family: Centrifugal**
Application Limits

Manometric suction lift up to 7 m
Liquid temperature up to + 90 °C
Ambient temperature up to + 40 °C
Max. withstand pressure 16 bar

Construction

Pump Body: Cast iron, dimensions according to standards EN733- DIN24255 and UNI 7467- NF E- 44- 111, with flanged suction and delivery inlets and threaded steel counter flanges.
Impeller: Stainless steel or cast iron.
Motor Shaft: stainless steel.
Mechanical Seal: Ceramic- graphite.
Electric Motor: GFM: Single- phase 230V- 50Hz with condenser and thermal overload protector built into the copper winding. GF: Three- phase 380/ 400V- 50Hz.
Insulation: Class F.
Protection: IP 55.


*** : **" Stainless steel impeller**
***: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW**

Model		Power		Max head	Max flow	Size	Suct. Max.	N/W	Rated speed	Q (m³/h)	0	6	9	15	18	24	27
Single-phase	Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	100	150	250	300	400	450
GFm32-125B*	GF32-125B*	0.75	1	17.5	18	50*32	7	24	2900		17.5	16.7	15	12	9	-	-
GFm32-125A*	GF32-125A*	1.1	1.5	22	24	50*32	7	25	2900		22	21	19.7	16.5	14.5	9	-
GFm32-160C*	GF32-160C*	1.5	2	25.4	18	50*32	7	35	2900		25.4	23.7	22.5	18.5	15.8	-	-
GFm32-160B*	GF32-160B*	2.2	3	31	24	50*32	7	37	2900		31	29.6	28.5	24.5	22	15	-
GFm32-160A*	GF32-160A*	3	4	35	27	50*32	7	41	2900		35	34.3	32.5	28	25.5	19	15
	GF32-200D*	3	4	44.2	27	50*32	7	51	2900		44.2	42	39.8	35.2	32.2	24.6	19.8
	GF32-200C*	4	5.5	54.5	27	50*32	7	57.5	2900		54.5	52	50	45.5	42.3	35	30.3
	GF32-200B*	5.5	7.5	53	24	50*32	7	94	2900		60	59.5	59	55	50.2	34.5	-
	GF32-200A*	7.5	10	61	24	50*32	7	97	2900		69.5	69	68.5	66	63	53	-
	GF32-250C*	9.2	12.5	75	24	50*32	7	117	2900		75	75	74.5	72	69	59	-
	GF32-250B*	11	15	90	24	50*32	7	132	2900		90	89.5	88	82	78	66	-
	GF32-250A*	15	20	97	24	50*32	7	138	2900		97	96.5	96	90	86	73	-

Model		Power		Max head	Max flow	Size	Suct. Max.	N/W	Rated speed	Q (m³/h)	0	18	24	27	36	42	48
Single-phase	Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	300	400	450	600	700	800
GFm40-125C	GF40-125C	1.1	1.5	14.7	36	65*40	7	36	2900		14.7	13	11.5	10.1	5.8	-	-
GFm40-125B	GF40-125B	1.5	2	18.1	42	65*40	7	38	2900		18.1	17	15	13.9	10	6	-
GFm40-125A	GF40-125A	2.2	3	24.5	48	65*40	7	40	2900		24.5	23.2	21.5	20.2	16	13	8.3
GFm40-160B	GF40-160B	3	4	31.8	42	65*40	7	47	2900		31.8	29.5	27.5	26.3	21.5	17.5	-
	GF40-160A	4	5.5	38	48	65*40	7	49	2900		38	36	34	33	28.5	25	20.1
	GF40-200B*	5.5	7.5	46	42	65*40	7	64	2900		46	43.8	41.3	40.1	35	30	-
	GF40-200A*	7.5	10	57	48	65*40	7	69	2900		57	53.6	51.5	50	45	41	36.5
	GF40-250D	9.2	12.5	64	48	65*40	7	117	2900		64	59	56.5	55	49.5	45	39.8
	GF40-250C	11	15	72	48	65*40	7	132	2900		72	67.5	65	63.5	57.5	52.2	47
	GF40-250B	15	20	84.5	48	65*40	7	138	2900		84.5	79.3	77.3	75.2	70	66	61
	GF40-250A	18.5	25	90	48	65*40	7	156	2900		90	85.5	82.8	80.7	75.8	70.5	66.5

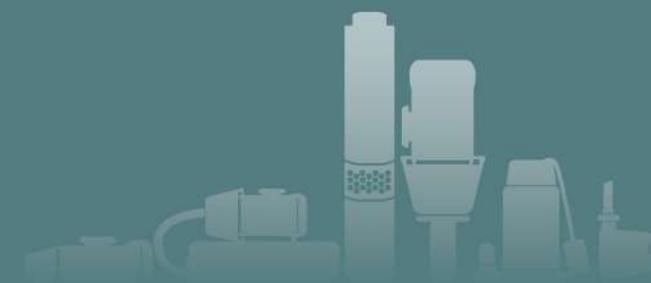

*** : 45*11 Stainless steel impeller**
***: Round iron bracket for above 22kW, Square aluminum bracket for below 22kW**

Model		Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	36	42	48	54	72	84	90
Single-phase	Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	600	700	800	900	1200	1400	1500
GFm50-125C	GF50-125C	2.2	3	17	72	65*50	7	49	2900		17	15.4	14	12.8	11.5	6.5	-	-
GFm50-125B	GF50-125B	3	4	20	72	65*50	7	51	2900		20	18.8	18	17	15.6	11	-	-
	GF50-125A	4	5.5	24	84	65*50	7	54	2900		24	23.1	23	21.5	20.3	15.8	11.8	-
	GF50-160C	4	5.5	28	84	65*50	7	65	2900		28	23.1	23	21.5	20.3	15.8	11.8	-
	GF50-160B	5.5	7.5	32	84	65*50	7	64	2900		32	30.6	30	28	26.6	20.5	14.8	-
	GF50-160A	7.5	10	40	90	65*50	7	71	2900		40	38	37	36	34.4	29	24	21
	GF50-200C	9.2	12	50.5	84	65*50	7	110	2900		50.							



Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	120	144	180	200	210	220	240	300	360	400
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	2000	2400	3000	3333	3500	3666	4000	5000	6000	6666
GF100-160C	15	20	35	240	125*100	7	146	2900		35	30	27.8	24.5	21.5	20	18.3	15	-	-	-
GF100-160B	18.5	25	38.5	240	125*100	7	157	2900		38.5	34.3	32.2	29	25.7	24	22	18	-	-	-
GF100-160A	22	30	43	240	125*100	7	166	2900		43	37.6	35.2	31.5	28.5	27	25.3	22	-	-	-
GF100-200C	22	30	38.5	300	125*100	7	210	2900		38.5	33.8	31.7	28.5	26.8	26	25	22.9	13	-	-
GF100-200B	30	40	44.5	300	125*100	7	220	2900		44.5	40.2	38.8	36.7	34.2	33	31.7	29	18	-	-
GF100-200A	37	50	55	300	125*100	7	305	2900		55	50.6	49.2	47	45	44	42.8	40.5	29	-	-
GF100-250C	45	60	65	300	125*100	7	355	2900		65	63	61	58	56	55	53.3	50	33.5	-	-
GF100-250B	55	75	77	300	125*100	7	398	2900		77	75	73.8	72	71.7	71.5	70.7	69	59	-	-
GF100-250A	75	100	91	360	125*100	7	468	2900		91	89.7	88	85.5	84	83.3	81.5	78	68.5	48	-
GF100-315E	75	100	80	360	125x100	7	591	2900		80	78.5	76.7	74	73	72.8	72.5	70.7	64	52	-
GF100-315D	90	125	100	360	125x100	7	625	2900		100	98.5	96.7	94	93	92.8	92.5	90.7	84	72	-
GF100-315C	110	150	118	360	125x100	7	972	2900		118	116.5	114.7	112	111	110.8	110.5	108.7	102	90	-
GF100-315B	132	180	129	360	125x100	7	1081	2900		129	127.5	125.7	123	122	121.8	121.5	119.7	112	101	-
GF100-315A	160	220	148	360	125x100	7	1125	2900		148	146.5	144.7	142	141	140.8	140.5	138.7	132	120	-
GF125-200C	45	60	39.8	400	150x125	7	378	2900		39.8	39.3	39.2	39	38.9	38.9	38.8	37.5	34	28.6	25
GF125-200B	55	75	50.5	400	150x125	7	457	2900		50.5	49.3	49.2	49	48.9	48.9	48.8	47.5	44	38.6	35
GF125-200A	75	100	61.5	400	150x125	7	589	2900		61.5	60.3	60.2	60	59.9	59.9	59.8	58.5	55	49.6	46
GF125-250C	55	75	70	300	150x125	7	457	2900		70	67	66	64	63	62	61	59.5	50.5	-	-
GF125-250B	75	100	80	360	150x125	7	589	2900		80	76.5	75.5	74	73	72	71.5	70	65	56	-
GF125-250A	90	125	87	400	150x125	7	624	2900		87	84	82.5	81	79.5	79	78	77	71.5	65	60
Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	30	36	42	45	50	60	72	84	96	108
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	500	600	700	750	833	1000	1200	1400	1600	1800
GF 65-250C/4	3	4	15.4	72	80x65	7	71	1450		15.4	14.6	13.9	13.1	12.6	11.6	9.7	6.7	-	-	-
GF 65-250B/4	4	5.5	19	72	80x65	7	87	1450		19	18.3	17.8	17.2	16.9	16.1	14.4	11.7	-	-	-
GF 65-250A/4	5.5	7.5	22.3	84	80x65	7	98	1450		22.3	21.3	20.9	20.3	19.9	19.2	17.7	15.1	12	-	-
GF 65-315E/4	4	5.5	18.6	60	80x65	7	101	1450		18.6	17.9	17.3	16.7	16.2	15.2	13.3	-	-	-	-
GF 65-315D/4	5.5	7.5	22.1	72	80x65	7	112	1450		22.1	-	21.2	20.6	20.2	19.2	17.3	14	-	-	-
GF 65-315C/4	7.5	10	26.5	84	80x65	7	130	1450		26.5	-	25.6	25.2	24.9	24.3	23	20.8	17.6	-	-
GF 65-315B/4	11	15	34.8	108	80x65	7	163	1450		34.8	-	34.2	33.9	33.7	33.2	32.1	30.2	27.4	23.7	18.7
GF 65-315A/4	15	20	40	108	80x65	7	185	1450		40	-	39.4	39.1	38.9	38.4	37.3	35.4	32.6	28.9	23.9
Model	Power		Max.head	Max.flow	Size	Suct.Max.	N/W	Rated speed	Q (m³/h)	0	45	50	60	72	84	90	96	108	140	150
Three-phase	kW	HP	m	m³/h	DN	m	kg	rpm	Q (L/min)	0	750	833	1000	1200	1400	1500	1600	1800	2333	2500
GF 80-200B/4	3	4	11.8	96	100x80	7	68	1450		11.8	11	10.7	10.1	9.2	8	7.3	6.6	-	-	-
GF 80-200A/4	4	5.5	14.2	108	100x80	7	84	1450		14.2	13.8	13.6	13.3	12.4	11.3	10.7	10	9	-	-
GF 80-250C/4	5.5	7.5	20.5	108	100x80	7	102	1450		20.5	19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1	-	-
GF 80-250B/4	7.5	10	24	108	100x80	7	120	1450		24	23.5	23.2	22.5	21.3	19.9	19	18.1	16	-	-
GF 80-250A/4	11	15	28.2	140	100x80	7	154	1450		28.2	27.5	27.2	26.5	25.3	23.9	23	22.1	20	15	-
GF 80-315D/4	5.5	7.5	19.7	108	100x80	7	122	1450		19.7	19.1	18.8	18.1	16.8	15	13.9	12.8	10.1	-	-
GF 80-315C/4	7.5	10	24.6	108	100x80	7	140	1450		24.6	23.9									

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