

PUMPS & COUNTER CURRENT 02/10

CENTRIFUGAL PUMP 2900 R.P.M. IN CAST IRON & BRONZE

A high volume centrifugal pump, ideal for large filtration systems in commercial swimming pools. Manufactured in cast iron (CF-2 and HF-2) or bronze (BR-2) for sea water installations and those that use saltwater electrolysis as a means of disinfection.



Technical features

- Large pre-filter basket for extended intervals between maintenance
- Flange connection from DN-80 to DN-125
- Standard asynchronous, 2 pole motor, sealed from external ventilation. Simple to repair or replace without disruption to the valves or hydraulic system
- Lubricated bearings to ensure long life and quiet operation
- Suitable for high heights filtration systems (HF-2 models only)
- Power supply: 230/400V 50Hz and 60Hz on demand
- IE3 standardised motor at 2900 RPM at 50 Hz (3450 RPM at 60Hz)
- Protection rating: IP55
- Insulation rating: Class F

Construction (CF-2 and HF-2 models):

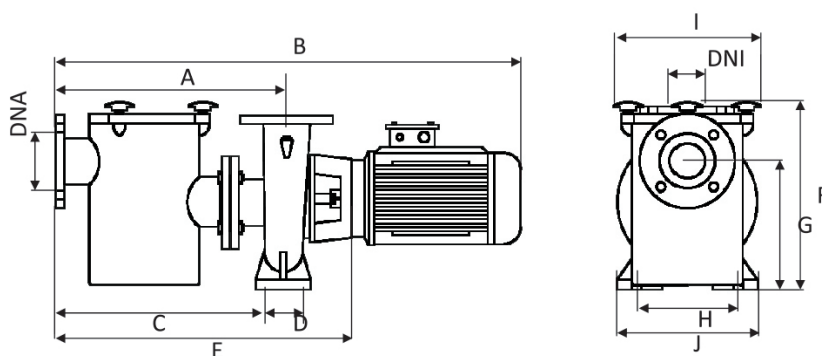
- Cast iron pump body, pre-filter, coupling and impeller (Bronze impeller available on request)
- AISI 316 Stainless steel shaft and pre-filter basket
- Carbon ceramic mechanical seal (Silicon carbide or tungsten carbon available on request)

Construction (BR-2 models):

- Pump body, pre-filter, support and impeller in DIN 1705 RG 5 bronze (G-CuSn 5 ZnPb)
- AISI 316 Stainless steel shaft, pre-filter basket and bolts
- Cast iron coupling
- Carbon ceramic and AISI 316 Stainless steel mechanical seal
- These pumps can be supplied in any other bronze alloy (Available on request)



Dimensions



Models

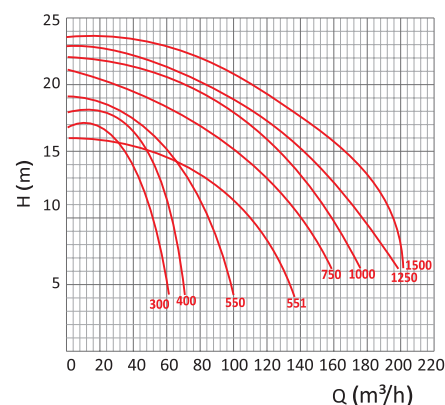
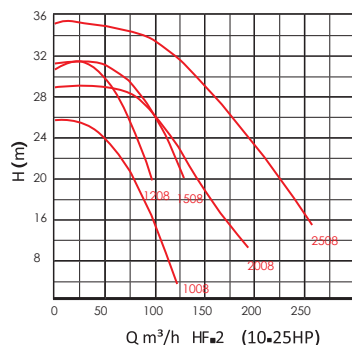
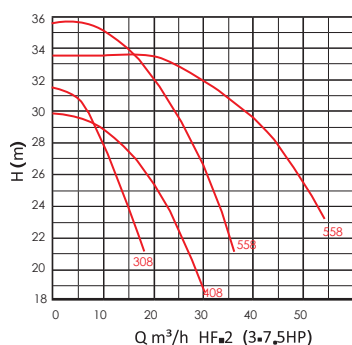
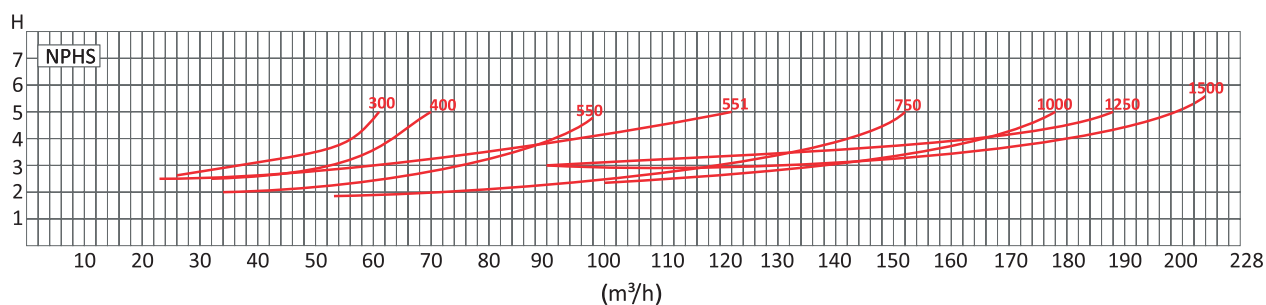
PRODUCT CODE		CONNECTIONS (DNA - DNI) mm	INTENSITY A		DIMENSIONS										PKG	WEIGHT kg	VOLUME m³
CAST IRON	BRONZE		III 230	III 400	A	B	C	D	E	F	G	H	I	J			
CF2-300	BR2-300	80	9	5.2	465	880	425	80	605	410	275	200	320	250	1	75-90	0.27
CF2-400	BR2-400	80	12	6.9	465	910	425	80	605	410	275	200	320	250	1	79-96	0.27
CF2-550	BR2-550	125-100	16.5	9.5	500	985	455	105	635	435	280	215	330	280	1	104-124	0.30
CF2-551	BR2-551	125-100	16.5	9.5	500	985	455	105	635	435	280	215	330	280	1	104-124	0.30
CF2-750	BR2-750	125-100	21.7	12.5	500	1050	455	105	675	435	280	215	330	280	1	121-140	0.30
CF2-1000	BR2-1000	125-100	-	15.5	525	1095	470	120	725	465	325	275	345	330	1	140-163	0.30

Models (Cont'd)

PRODUCT CODE		CONNECTIONS (DNA - DNI) mm	INTENSITY A		DIMENSIONS										PKG	WEIGHT kg	VOLUME m³
CAST IRON	BRONZE		III 230	III 400	A	B	C	D	E	F	G	H	I	J			
CF2-1250	BR2-1250	125-100	-	19	525	1130	470	120	725	465	325	275	345	330	1	148-163	0.30
CF2-1500	BR2-1500	125-100	-	23	525	1130	470	120	725	465	325	275	345	330	1	148-168	0.30
HF-2 308	-	65-50	8.5	5.2	465	979	430	70	639	360	224	212	265	302	1	94	0.27
HF-2 408	-	80-65	11.8	7.1	442	998	398	95	616	450	310	250	320	333	1	105	0.27
HF-2 558	-	80-65	16.2	9.4	442	1021	398	95	616	450	310	250	320	333	1	110	0.30
HF-2 758	-	100-80	-	14.2	490	1138	443	95	733	430	246	280	345	365	1	140	0.30
HF-2 1008	-	100-80	-	16.5	490	1248	443	95	733	430	246	280	345	365	1	155	0.30
HF-2 1208	-	125-100	-	16.5	500	1258	440	120	743	480	310	280	360	392	1	176	0.30
HF-2 1508	-	125-100	-	24.2	515	1413	455	120	788	505	335	315	400	424	1	272	0.30
HF-2 2008	-	150-125	-	32	585	1528	525	120	858	611	440	315	400	472	1	355	0.30
HF-2 2508	-	150-125	-	41.5	585	1528	525	120	858	611	440	315	400	472	1	385	0.30

Hydraulic features

CAST IRON	BRONZE	HEIGHT m	CF2-BR2	6	8	10	12	14	16	18	20	22
			HF2	18	20	22	24	25	27	30	32	35
CF2-300	BR2-300	FLOW (m³/h)		58	54	51	46	35	29	-	-	-
CF2-400	BR2-400			70	64	62	55	49	42	35	-	-
CF2-550	BR2-550			90	87.5	84	75	65	54	37.5	-	-
CF2-551	BR2-551			125	114	107	87.5	63	25	-	-	-
CF2-750	BR2-750			154	144	135	124	106	88	63	-	-
CF2-1000	BR2-1000			172	162.5	137.5	144	132	118	100	68	-
CF2-1250	BR2-1250			194	181	150	160	144	136	112.5	86	-
CF2-1500	BR2-1500			202	197	172	183	170	156	133	110	81
HF-2 308	-			-	-	17	16	14	12	-	-	-
HF-2 408	-			-	29	26	23	21	17	6	-	-
HF-2 558	-			-	-	36	34	33	30	25	20	10
HF-2 758	-			-	-	-	53	51	47	38	30	-
HF-2 1008	-			88	76	66	50	38	-	-	-	-
HF-2 1208	-			-	-	-	80	78	70	42	-	-
HF-2 1508	-			-	-	-	117	113	96	72	-	-
HF-2 2008	-			-	142	128	118	112.5	96	71	-	-
HF-2 2508	-			-	225	212	196	188	172	145	123	50





Electric features

CAST IRON 50 HZ	BRONZE 50 HZ	INPUT POWER P1 kW	OUTPUT POWER P2		NOISE LEVEL MAX db A
			kW	HP	
CF2-300	BR2-300	2.64	2.2	3	64
CF2-400	BR2-400	3.54	3	4	64
CF2-550	BR2-550	4.65	4	5.5	65
CF2-551	BR2-551	4.65	4	5.5	66
CF2-750	BR2-750	6.27	5.5	7.5	69
CF2-1000	BR2-1000	8.36	7.5	10	71
CF2-1250	BR2-1250	10.28	9.2	12.5	72
CF2-1500	BR2-1500	12.3	11	15	74
HF-2 308	-	2.69	2.2	3	64
HF-2 408	-	3.54	3	4	64
HF-2 558	-	4.65	4	5.5	65
HF-2 758	-	6.24	5.5	7.5	69
HF-2 1008	-	8.36	7.5	10	71
HF-2 1208	-	10.28	7.5	10	72
HF-2 1508	-	12.3	11	15	74
HF-2 2008	-	16.7	15	20	76
HF-2 2508	-	20.6	18.5	25	77



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