

TEC 2152 09/09



Aplicaciones:

Recirculación y filtración del agua en medianas y grandes piscinas, atracciones acuáticas e instalaciones similares.

Applications:

Recycling and filtering of water from medium and great swimming pools, aquatic attractions and similar places.

Bombas centrífugas monobloc con prefiltro incorporado, para equipos de filtración y depuración.

Materiales:

Cuerpo bomba y prefiltro en fundición.

Cesto filtro en acero inoxidable AISI 316.

Impulsor en acero inoxidable AISI 316L (Star 30 65, 40 65, 55 80, 75 80, 100 80, Star4 30 65) y en fundición (el resto de modelos).

Eje en acero inoxidable AISI 316.

Cierre mecánico en grafito/cerámica.

Motor:

Cerrado, con ventilación exterior.

Protección IP 55.

Aislamiento clase F.

Motores trifásicos, a proteger exteriormente por el usuario.

Tensión de alimentación

3 x 230/400V

ó 3 x 400/692V 50 Hz,

2.900 r.p.m. ó 1.450 r.p.m.

Monobloc centrifugal pumps complete with prefilter, for filtering and purifying equipment.

Materials:

Pump body and prefilter in cast iron.

Filter in stainless steel AISI 316.

Impeller in stainless steel AISI 316L (Star 30 65, 40 65, 55 80, 75 80, 100 80, Star4 30 65) and in cast iron (the rest of the models).

Shaft in stainless steel AISI 316.

Mechanical seal in graphite/ceramic.

Motor:

Closed, with external ventilation.

IP 55 protection.

Class F insulation.

Three phase motor, to be protected externally by the user.

Voltage 3 x 230/400 V or

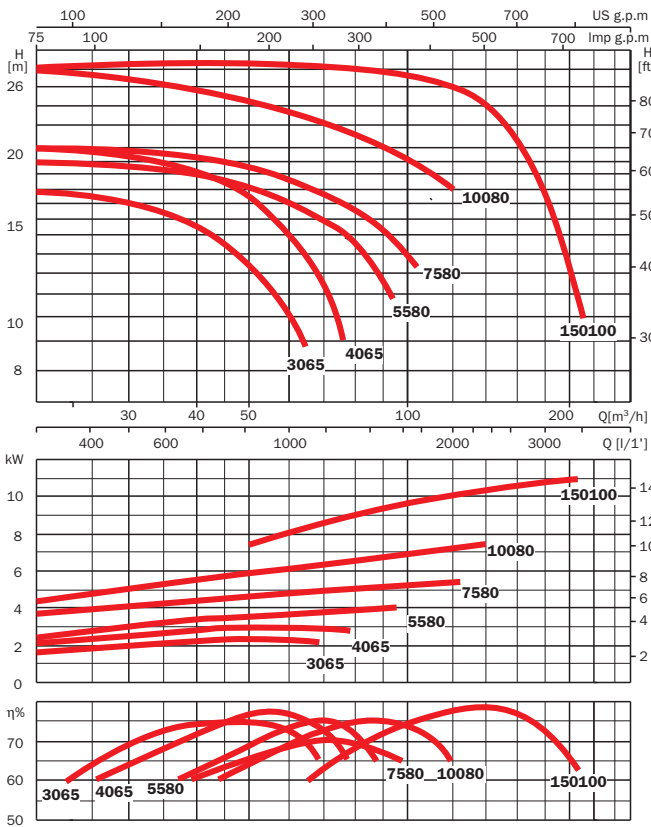
3 x 400/692 V 50 Hz, 2.900 r.p.m.

or 1.450 r.p.m.

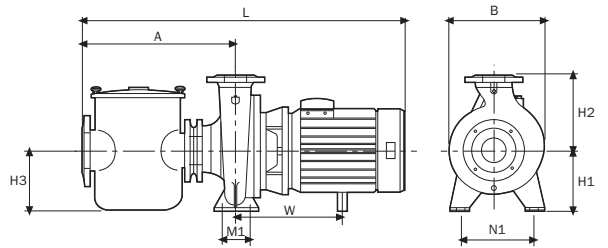


MODELO MODEL	L	A	M1	W	B	N1	H1	H2	H3
Star 30 65	870	485	70	285	255	190	132	160	160
Star 40 65	895	485	70	285	255	190	132	160	160
Star 55 80	985	485	95	292	285	212	160	180	160
Star 75 80	950	485	95	310	285	212	160	180	160
Star 100 80	965	485	95	310	285	212	160	180	160
Star 150 100	1015	510	210	330	332	254	180	225	160

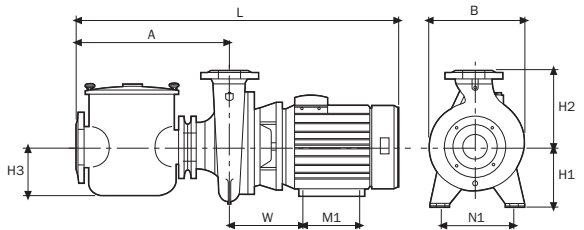
Curvas de funcionamiento a 2.900 r.p.m.
Performance curves at 2.900 r.p.m.



FORMA CONSTRUCTIVA 1 / CONSTRUCTIVE FORM 1



FORMA CONSTRUCTIVA 2 / CONSTRUCTIVE FORM 2

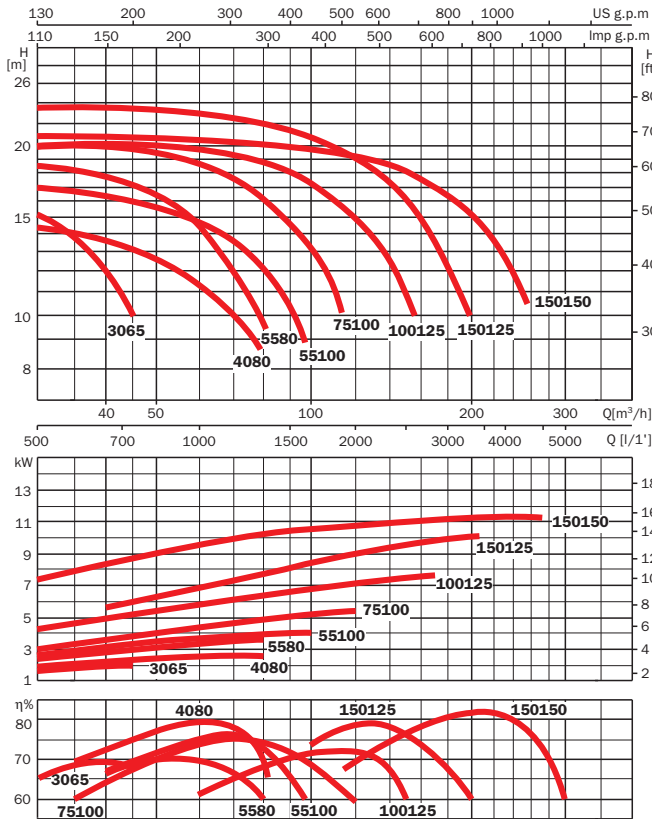


MODELO MODEL	BOMBA / PUMP		FILTRO	FORMA CONSTRUCTIVA
	∅ Aspiración ∅ Suction	∅ Impulsión ∅ Discharge	∅ Aspiración ∅ Suction	CONSTRUCTIVE FORM
Star 30 65	DN 65	DN 50	DN 80	1
Star 40 65	DN 65	DN 50	DN 80	1
Star 55 80	DN 80	DN 65	DN 80	1
Star 75 80	DN 80	DN 65	DN 100	1
Star 100 80	DN 80	DN 65	DN 100	1
Star 150 100	DN 100	DN 80	DN 125	2

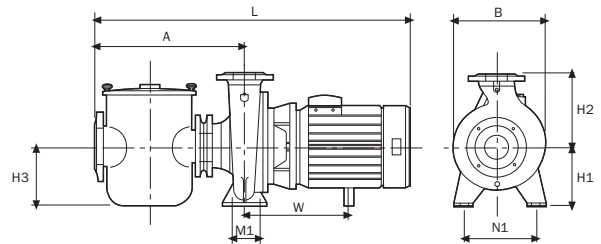
MODELO MODEL	50Hz	A 3~		P1 (kW) 3~	P2		m.c.a.						
		230 V	400 V		kW	HP	8	10	12	14	16	18	20
Star 30 65		8.13	4.65	2.85	2.2	3	8	10	12	14	16	18	20
Star 40 65		10.71	6.17	3.9	3.0	4	67	60	52	47	30	0	-
Star 55 80		14.04	8.07	4.93	4.0	5.5	78	73	67	60	52	42	20
Star 75 80		19	10.92	6.7	5.5	7.5	-	98	88	75	60	40	0
Star 100 80		25.6	14.725	9.14	7.5	10	123	115	100	90	75	55	-
Star 150 100		36.34	20.9	12.94	11	15	-	140	125	120	110	100	85
							-	210	200	190	180	168	155

MODELO MODEL	L	A	M1	W	B	N1	H1	H2	H3
Star 4 30 65	895	485	95	290	340	250	180	225	160
Star 4 40 80	895	485	355	245	335	250	180	225	160
Star 4 55 80	915	485	375	275	360	280	200	250	160
Star 4 55 100	940	510	375	275	400	315	200	280	160
Star 4 75 100	980	510	375	275	400	315	200	280	160
Star 4 100 125	1140	510	390	310	400	315	200	275	160
Star 4 150 125	1275	525	390	310	425	315	225	285	160
Star 4 150 150	1480	740	120	395	500	315	250	355	257

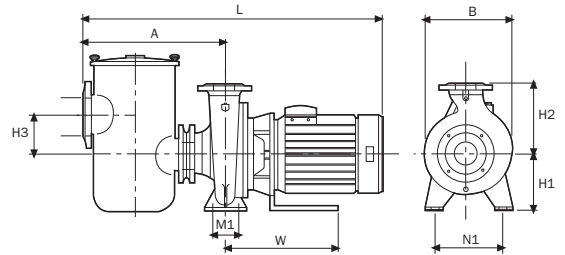
Curvas de funcionamiento a 1.450 r.p.m. Performance curves at 1.450 r.p.m.



FORMA CONSTRUCTIVA 1 / CONSTRUCTIVE FORM 1



FORMA CONSTRUCTIVA 2 / CONSTRUCTIVE FORM 2



MODELO MODEL	BOMBA / POMPA		FILTRO	FORMA CONSTRUCTIVA
	∅ Aspiración ∅ Suction	∅ Impulsión ∅ Discharge	∅ Aspiración ∅ Suction	CONSTRUCTIVE FORM
Star 4 30 65	DN 65	DN 50	DN 65	1
Star 4 40 80	DN 80	DN 65	DN 80	1
Star 4 55 80	DN 80	DN 65	DN 80	1
Star 4 55 100	DN 100	DN 80	DN 100	1
Star 4 75 100	DN 100	DN 80	DN 100	1
Star 4 100 125	DN 125	DN 100	DN 125	1
Star 4 150 125	DN 125	DN 100	DN 125	1
Star 4 150 150	DN 150	DN 125	DN 150	2

MODELO MODEL	50Hz	A 3~		P1 (kW) 3~	P2	
		230 V	400 V		kW	HP
Star 4 30 65		8.60	4.94	2.82	2.2	3.0
Star 4 40 80		11.47	6.55	3.7	3.0	4.0
Star 4 55 80		14.37	8.265	4.82	4.0	5.5
Star 4 55 100		14.37	8.265	4.82	4.0	5.5
Star 4 75 100		20.48	11.78	6.70	5.5	7.5
Star 4 100 125		28.00	16.20	8.70	7.5	10
Star 4 150 125		36.84	21.18	12.5	11	15
Star 4 150 150		36.84	21.18	12.5	11	15

m.c.a.	m.c.a.						
	8	10	12	14	16	18	20
8	-	45	40	34	26	12	-
82	70	55	35	0	-	-	-
-	78	70	62	52	35	-	-
100	92	80	65	45	0	-	-
120	114	105	93	80	65	35	-
-	200	176	142	70	-	-	-
-	205	192	177	160	138	108	-
276	258	240	216	186	149	87	-