



GMV



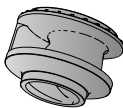
Submersible pumps with vortex impeller in cast iron EN-GJL-250 pag. 250

GMVS



Submersible pumps with vortex impeller in cast iron with polyurethane coating pag. 257

GMC



Submersible pumps with single channel impeller in cast iron EN-GJL-250 pag. 259

GMN



Submersible pumps with channels impeller in cast iron EN-GJL-250 pag. 268

GMG



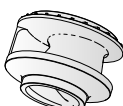
Submersible pumps with grinder in cast iron EN-GJL-250 pag. 282

I-GMV



Submersible pumps with vortex impeller in stainless steel AISI316 pag. 286

I-GMC



Submersible pumps with single channel impeller in stainless steel AISI316 pag. 286

I-GMN



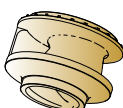
Submersible pumps with channels impeller in stainless steel AISI316 pag. 286

B-GMV



Submersible pumps with vortex impeller in Marine Bronze B10 pag. 297

B-GMC



Submersible pumps with single channel impeller in Marine Bronze B10 pag. 297

B-GMN



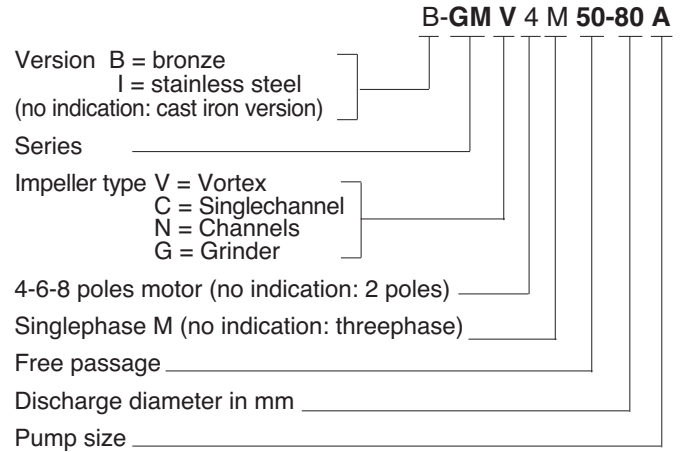
Submersible pumps with channels impeller in Marine Bronze B10 pag. 297

A new series of submersible pumps with high efficiency hydraulics designed to move slurry, sewage and industrial process fluids.

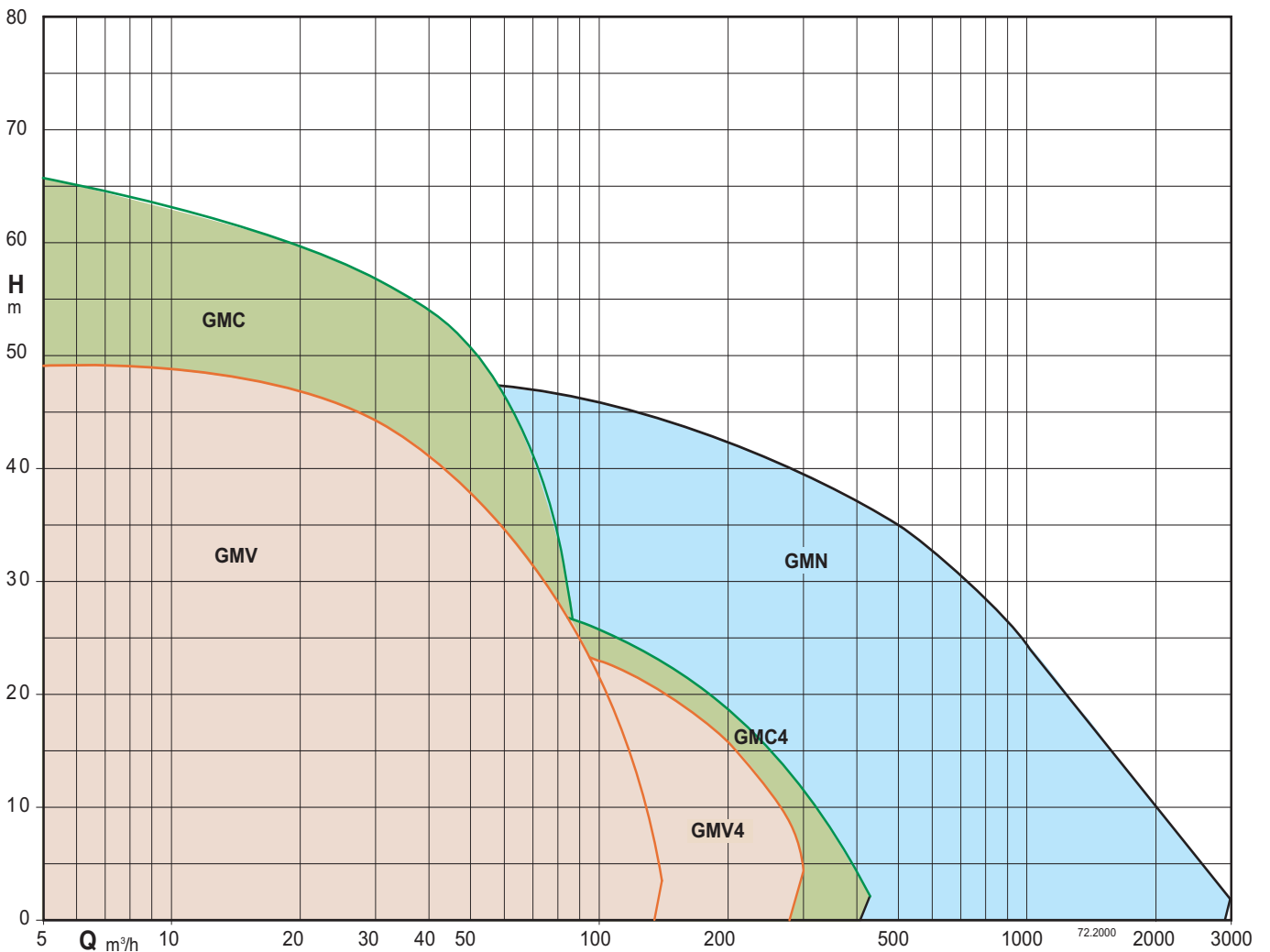
The range covers a wide field of use with head up to 75 m And flows up to 2300 m³/h, with a maximum solid passage up to 140 mm keeping the risk of blockage to a minimum. Dimensionally designed for heavy demand, even on critical applications.

Explosion proof version on request.

Pump designation



Coverage chart



Tolerances according to ISO 9906, annex A.



Construction

Submersible pumps with channels impeller.
Twin mechanical seal with oil chamber.
Delivery connection DN 65-80-100-150-200-250-300.

Applications

Suitable to pump slurry, sewage and waste water (non-corrosive) with solids in suspension.
For industrial and residential installations and general drainage applications.
They are ideal for applications with smaller solids.
Solid passage from 30 to 140 mm

Operating conditions

Liquid temperature up to 40 °C.
Maximum immersion depth: 20 m (with suitable cable length).
Continuous duty (with pump immersed at minimum level).

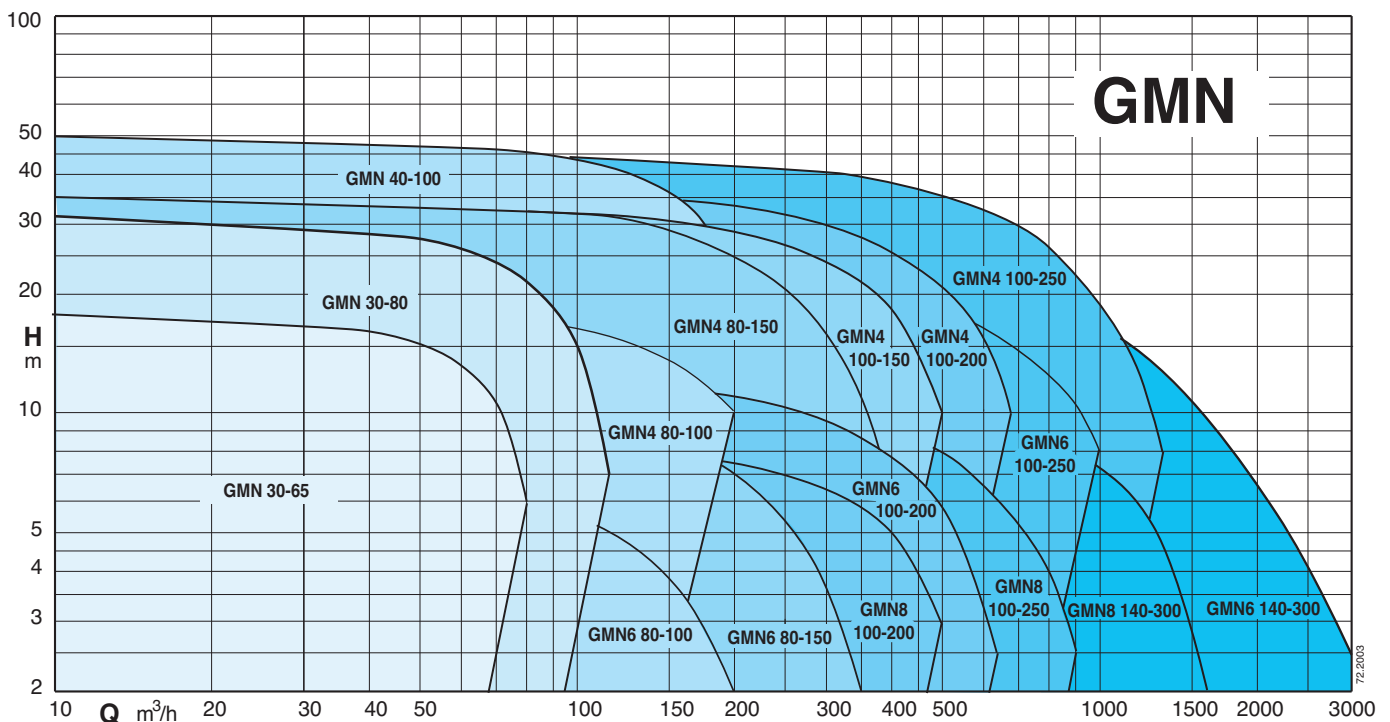
Main materials

Pump casing: cast iron EN-GJL-250
Impeller: cast iron EN-GJL-250+Ni
Motor casing: cast iron EN-GJL-250
Motor cover: cast iron EN-GJL-250
Shaft: stainless steel AISI 420B
Mechanical seal motor side: graphite/ceramic
Mechanical seal pump side: silicon carbide/silicon carbide

Motor

2-4-6 or 8 poles induction, 50Hz
Three-phase version: 400V ± 10%, up to 3,2 kW
400/690V ± 10%, over 3,2 kW
Insulation class: H
Protection degree: IP 68
N° of starting x hour: max 15 with regular intervals
Cable: H07RN-F, length 10 m
Other models: contact our sale office

Coverage chart



Technical data

TYPE	P ₂ kW	I _N A	Power Supply	r.p.m.	Starting	DN mm	Free passage Ø mm	Thermal protector	Humidity probe	ATEX Eex
GMN 30-65B	3,2	6,5	3~ 400V	2850	D.O.L.	65	30	NO	NO	✓
GMN 30-65A	3,2	6,5	3~ 400V	2850	D.O.L.	65	30	NO	NO	✓
GMN 30-80B	5,7	12,5	3~ 400/690V	2850	Y/Δ	80	30	●	●	✓
GMN 30-80A	5,7	12,5	3~ 400/690V	2850	Y/Δ	80	30	●	●	✓
GMN 30-80S	8,2	15,5	3~ 400/690V	2850	Y/Δ	80	30	●	●	
GMN 40-100D	13,8	29,5	3~ 400/690V	2850	Y/Δ	100	40	●	●	✓
GMN 40-100C	13,8	29,5	3~ 400/690V	2850	Y/Δ	100	40	●	●	✓
GMN 40-100B	18,2	34	3~ 400/690V	2850	Y/Δ	100	40	●	●	✓
GMN 40-100S	22,4	40,1	3~ 400/690V	2850	Y/Δ	100	40	●	●	
GMN4 80-100D	4,6	9,5	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓
GMN4 80-100C	7,1	13,5	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓
GMN4 80-100A	11,6	23,2	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓
GMN6 80-100B	2,3	6	3~ 400V	950	D.O.L.	100	80	NO	NO	✓
GMN6 80-100A	2,8	6,6	3~ 400V	950	D.O.L.	100	80	NO	NO	✓
GMN6 80-150B	5,2	12,5	3~ 400/690V	950	Y/Δ	150	80	●	●	✓
GMN6 80-150A	6,4	16	3~ 400/690V	950	Y/Δ	150	80	●	●	✓
GMN6 100-150B/A	16	34,2	3~ 400/690V	950	Y/Δ	150	100	●	●	
GMN6 100-150A/A	16	34,2	3~ 400/690V	950	Y/Δ	150	100	●	●	
GMN4 80-150C/A	27	52,2	3~ 400/690V	1450	Y/Δ	150	80	●	●	
GMN4 80-150B/A	35,7	65,5	3~ 400/690V	1450	Y/Δ	150	80	●	●	
GMN4 100-150G	20,7	41,5	3~ 400/690V	1450	Y/Δ	150	100	●	●	
GMN4 100-150F	25,4	48,5	3~ 400/690V	1450	Y/Δ	150	100	●	●	
GMN4 100-150E/A	26,1	51	3~ 400/690V	1450	Y/Δ	150	100	●	●	
GMN4 100-150D/A	35,7	65,5	3~ 400/690V	1450	Y/Δ	150	100	●	●	
GMN4 100-150S/A	35,7	65,5	3~ 400/690V	1450	Y/Δ	150	100	●	●	
GMN4 100-200C	46	83,5	3~ 400/690V	1450	Y/Δ	200	100	●	●	
GMN4 100-200B	52,1	92,5	3~ 400/690V	1450	Y/Δ	200	100	●	●	
GMN4 100-200A	52,1	92,5	3~ 400/690V	1450	Y/Δ	200	100	●	●	
GMN4 100-250D	77,2	135	3~ 400/690V	1450	Y/Δ	250	100	●	●	
GMN4 100-250C	77,2	135	3~ 400/690V	1450	Y/Δ	250	100	●	●	
GMN4 100-250B	79,5	135	3~ 400/690V	1450	Y/Δ	250	100	●	●	
GMN4 100-250A	79,5	135	3~ 400/690V	1450	Y/Δ	250	100	●	●	
GMN6 100-200F/A	16	34,2	3~ 400/690V	950	Y/Δ	200	100	●	●	
GMN6 100-200E/A	16	34,2	3~ 400/690V	950	Y/Δ	200	100	●	●	
GMN6 100-200D/A	16	34,2	3~ 400/690V	950	Y/Δ	200	100	●	●	
GMN6 100-250D	23,4	45,5	3~ 400/690V	950	Y/Δ	250	100	●	●	
GMN6 100-250C	29	57	3~ 400/690V	950	Y/Δ	250	100	●	●	
GMN6 100-250B	40	80	3~ 400/690V	950	Y/Δ	250	100	●	●	
GMN6 100-250A	40	80	3~ 400/690V	950	Y/Δ	250	100	●	●	
GMN6 140-300D	32	60,5	3~ 400/690V	950	Y/Δ	300	140	●	●	
GMN6 140-300C	40	80	3~ 400/690V	950	Y/Δ	300	140	●	●	
GMN6 140-300B	55,8	108	3~ 400/690V	950	Y/Δ	300	140	●	●	
GMN6 140-300A	55,8	108	3~ 400/690V	950	Y/Δ	300	140	●	●	
GMN8 100-200B/B	9,6	20	3~ 400/690V	750	Y/Δ	200	100	●	●	
GMN8 100-200A	9,6	20	3~ 400/690V	750	Y/Δ	200	100	●	●	
GMN8 100-250B/A	13,7	29,5	3~ 400/690V	750	Y/Δ	250	100	●	●	
GMN8 100-250A/B	21,8	47,5	3~ 400/690V	750	Y/Δ	250	100	●	●	
GMN8 140-300A	26,7	59	3~ 400/690V	750	Y/Δ	300	140	●	●	

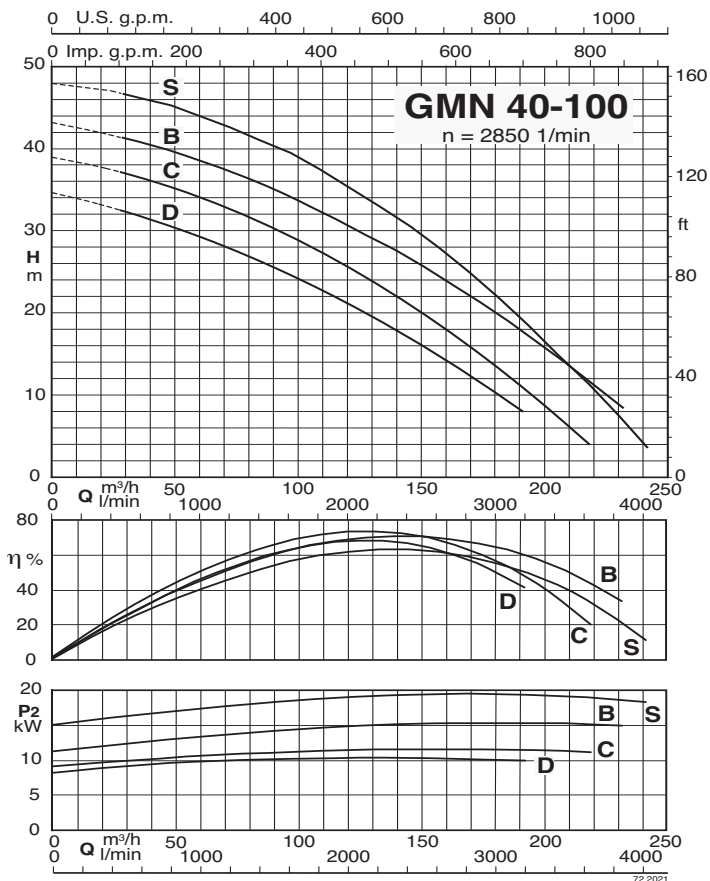
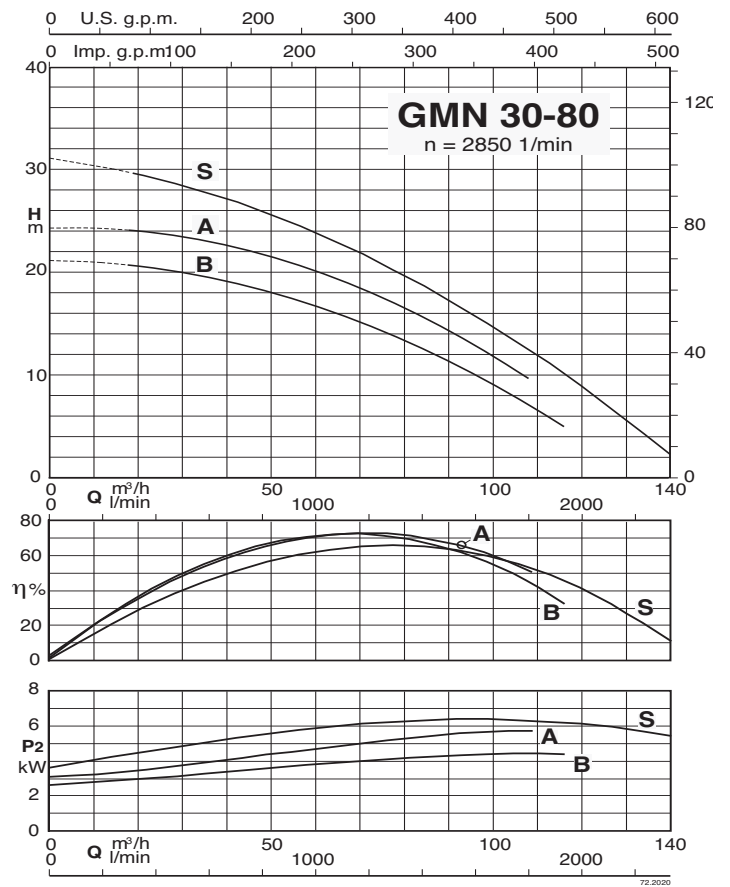
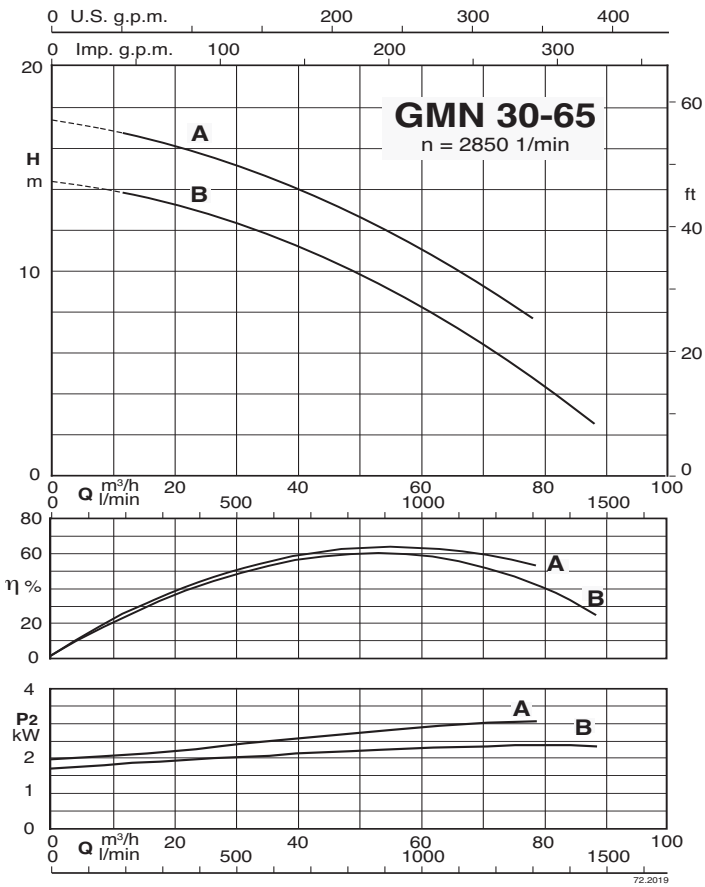
 P₂ Rated power output

 I_N Rated current

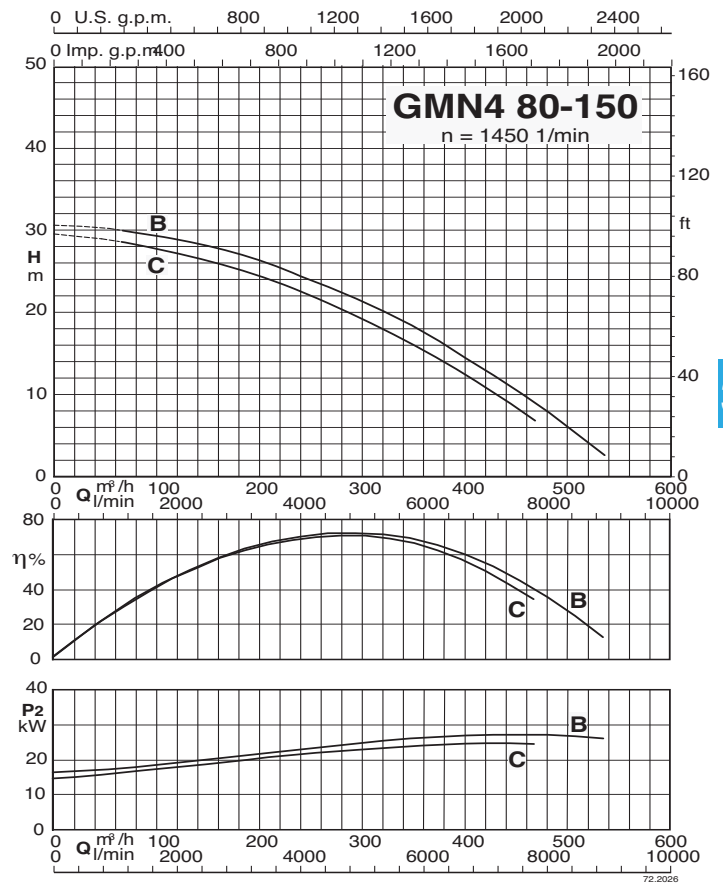
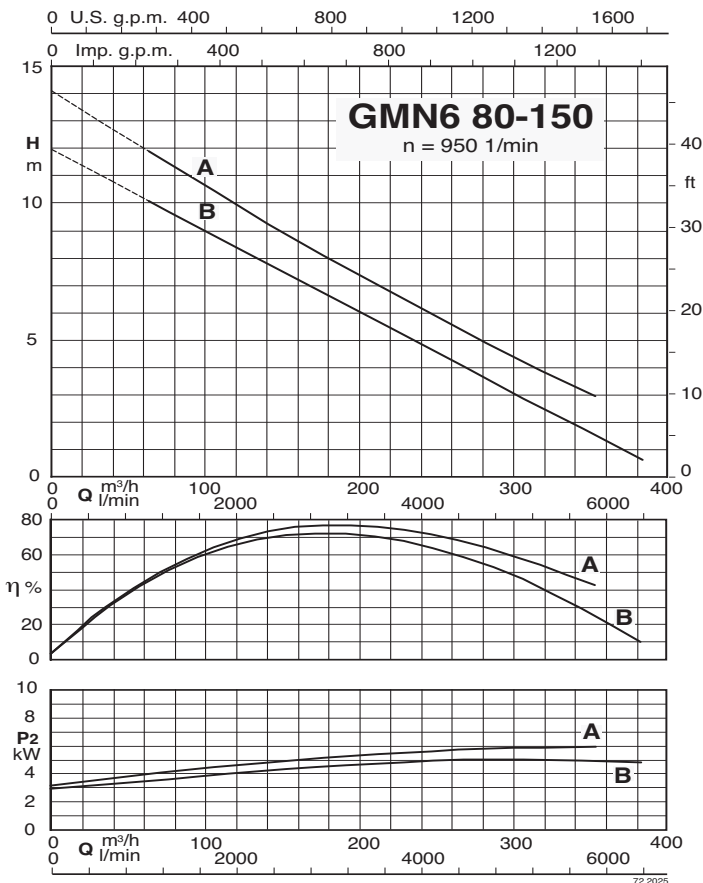
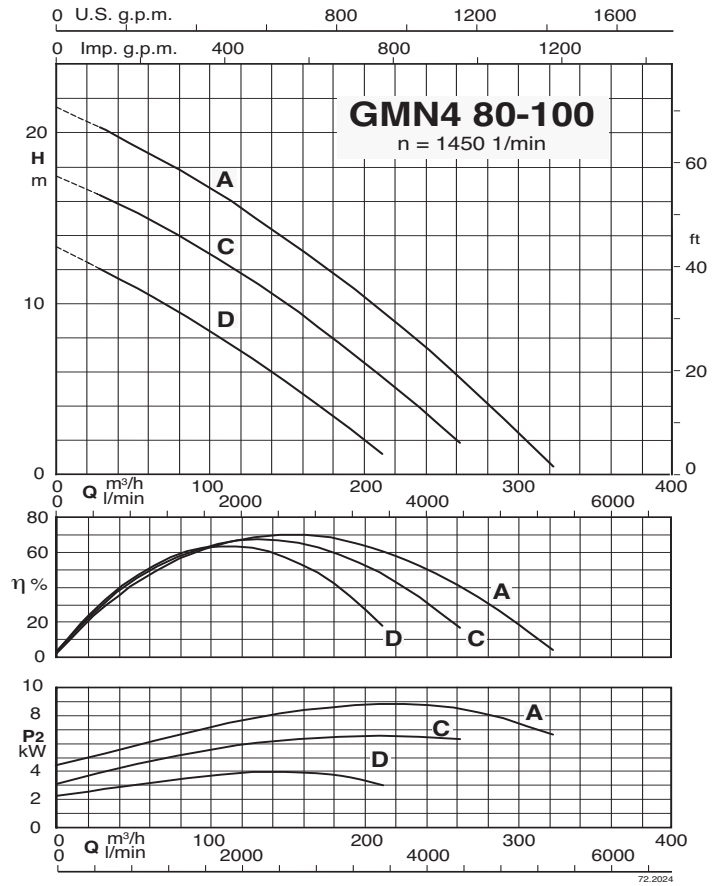
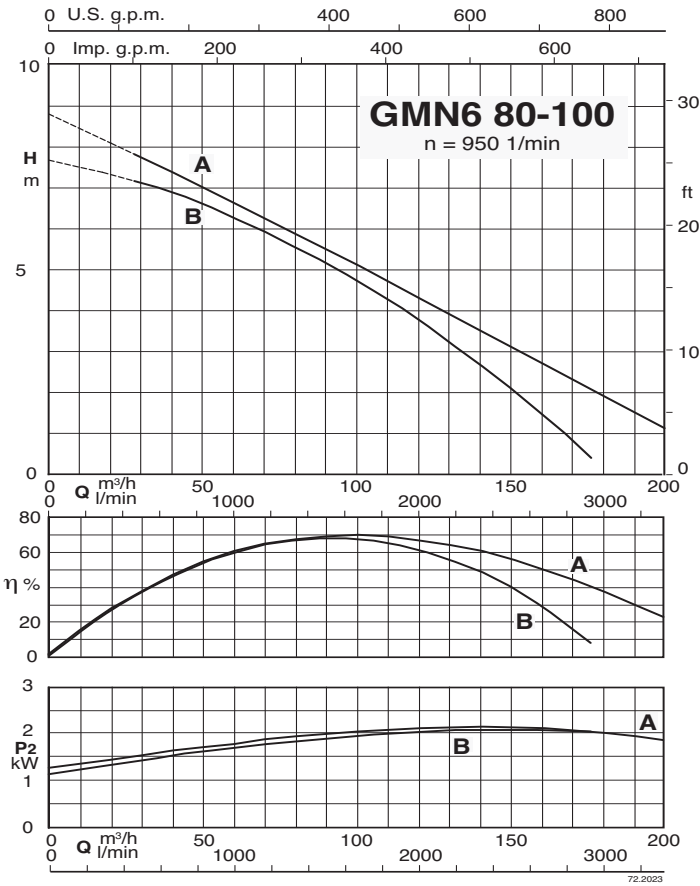
● Standard

✓ ATEX Eex Version on demand

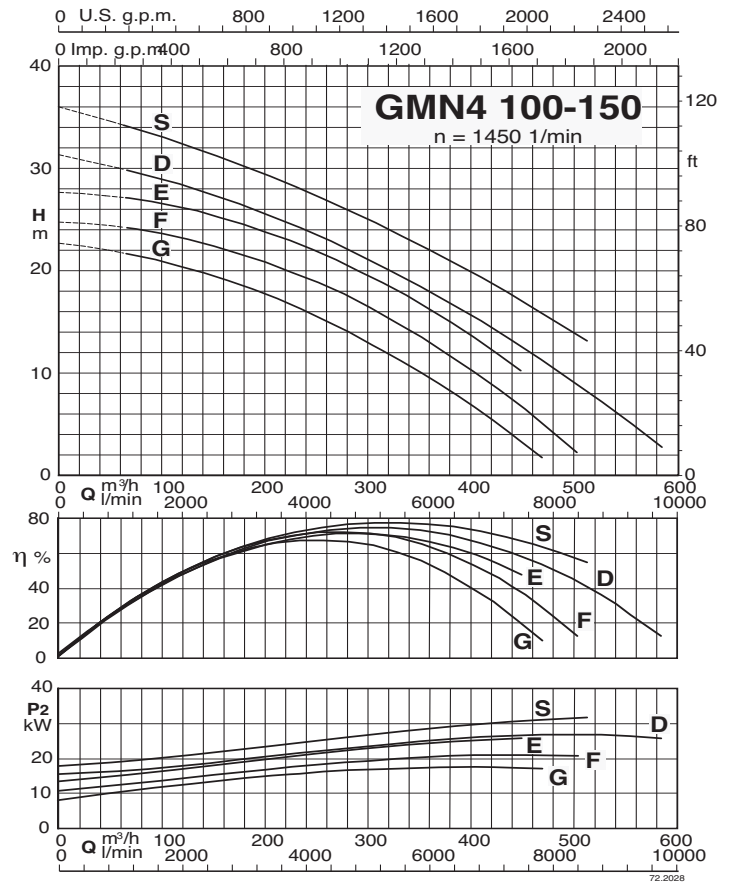
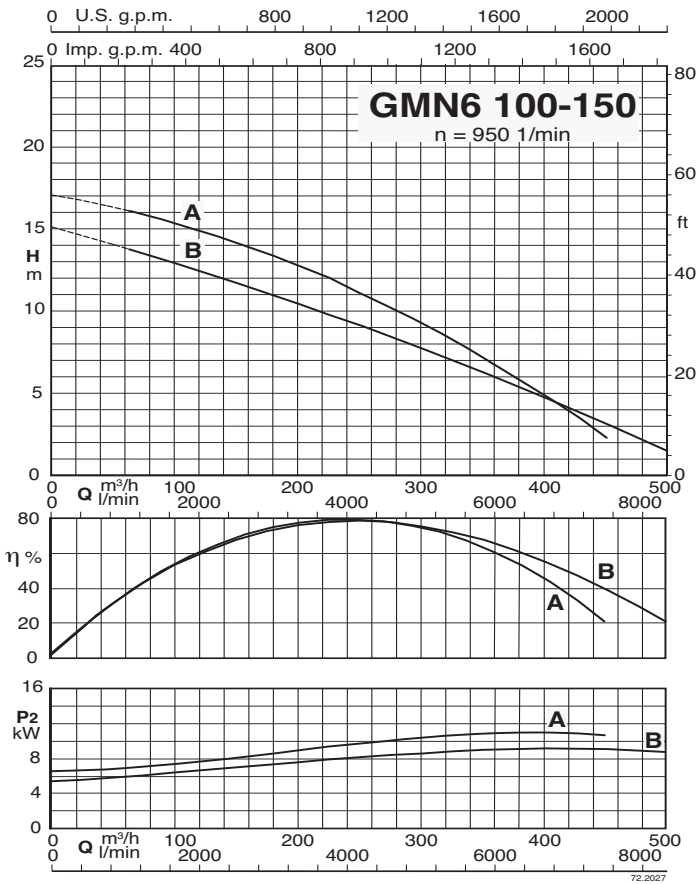
Characteristic curves



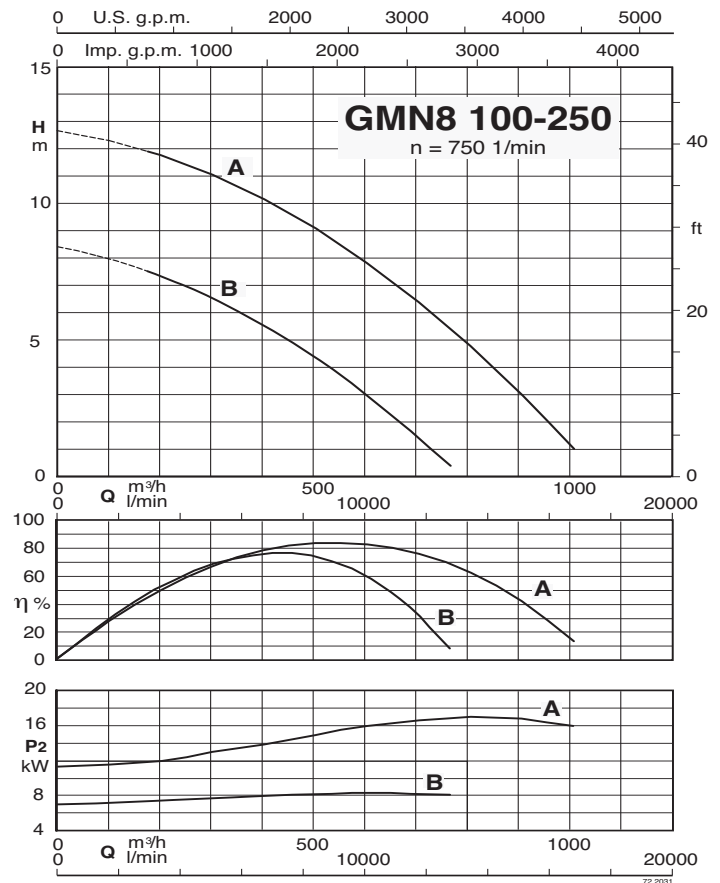
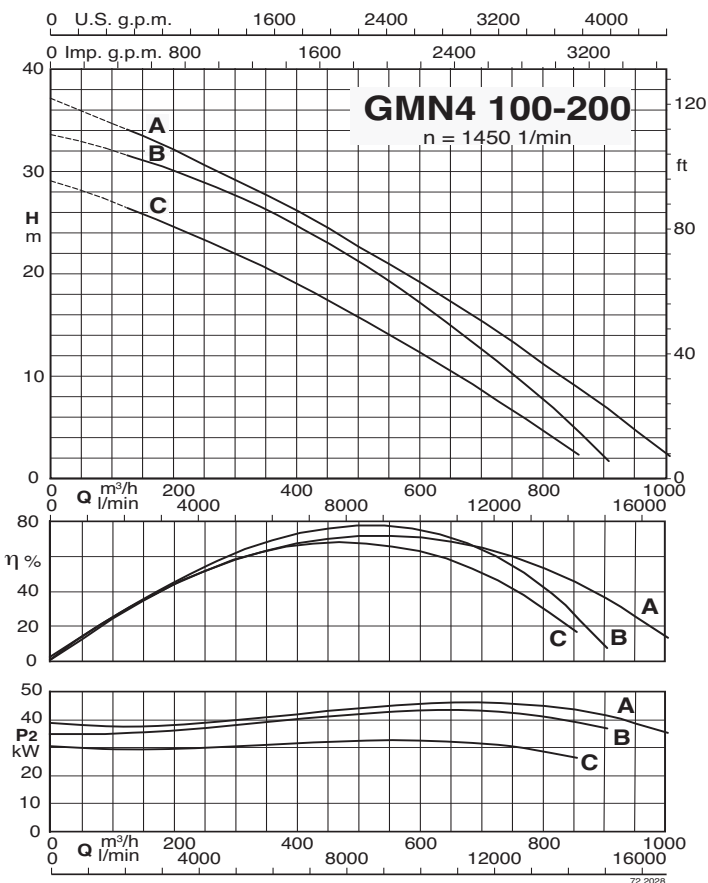
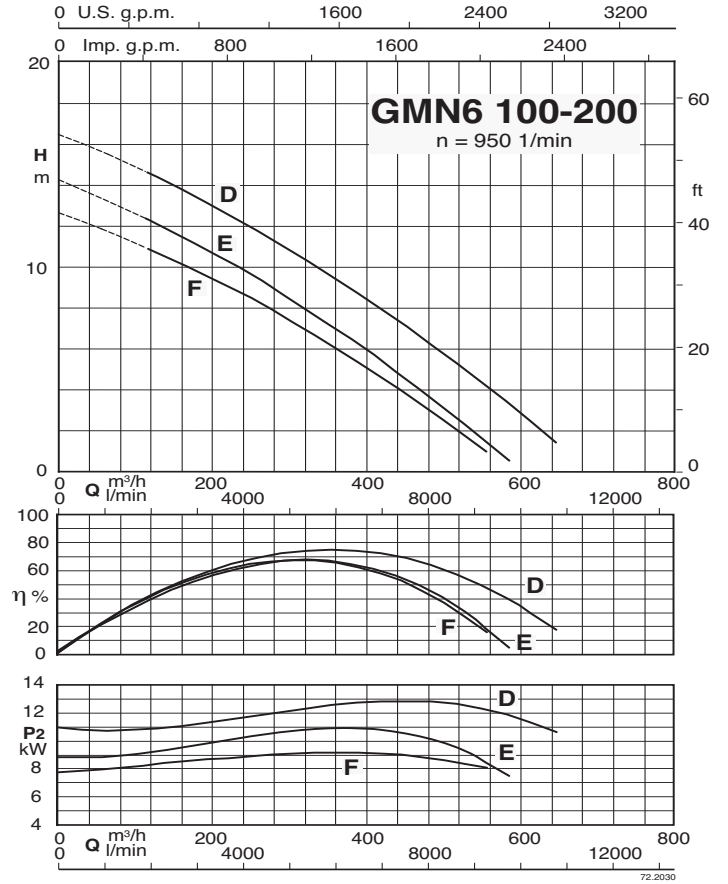
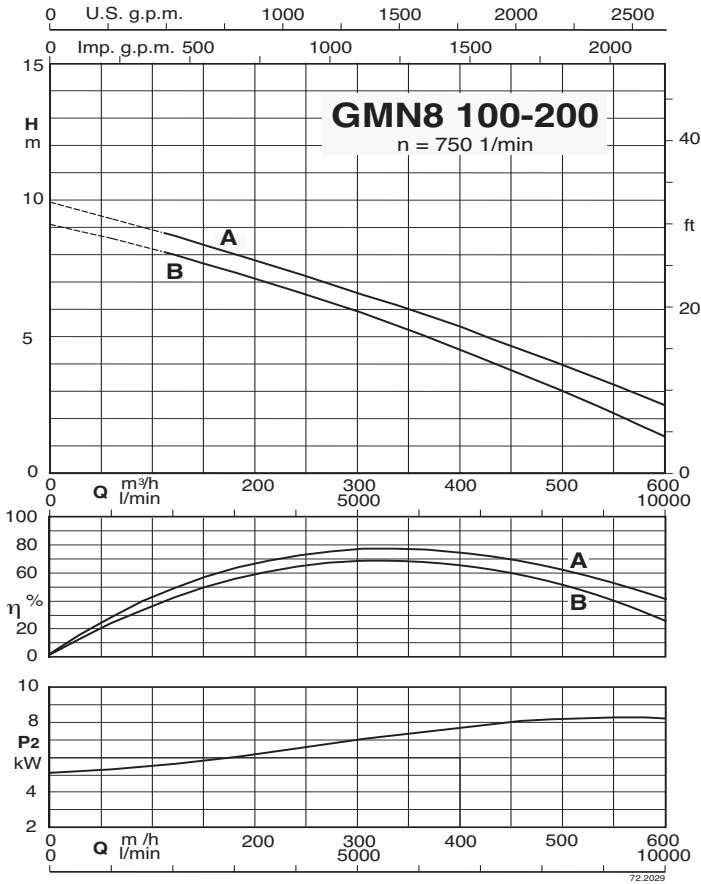
Characteristic curves



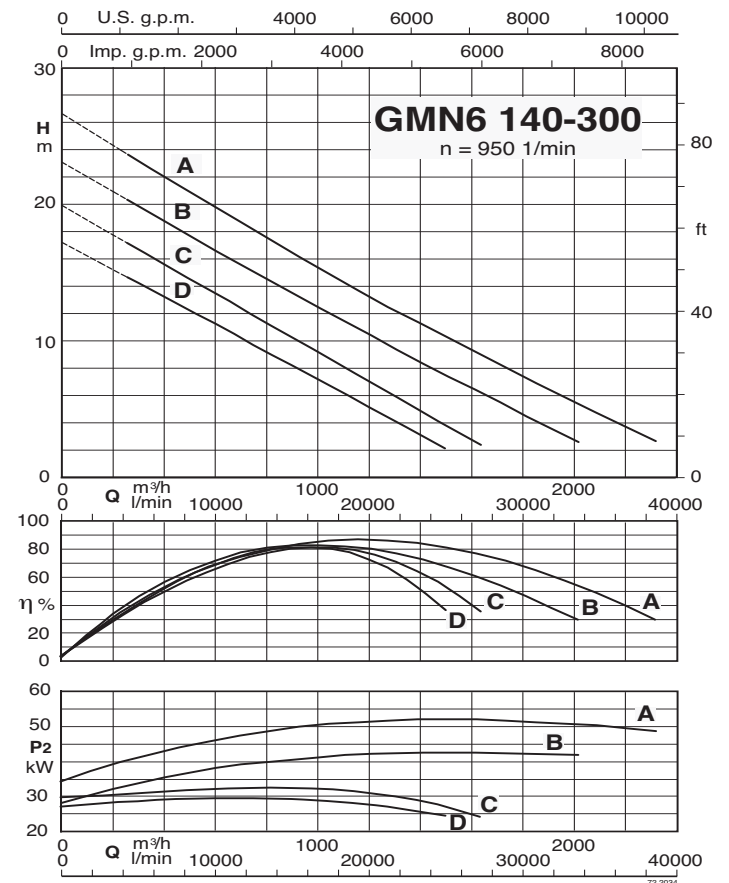
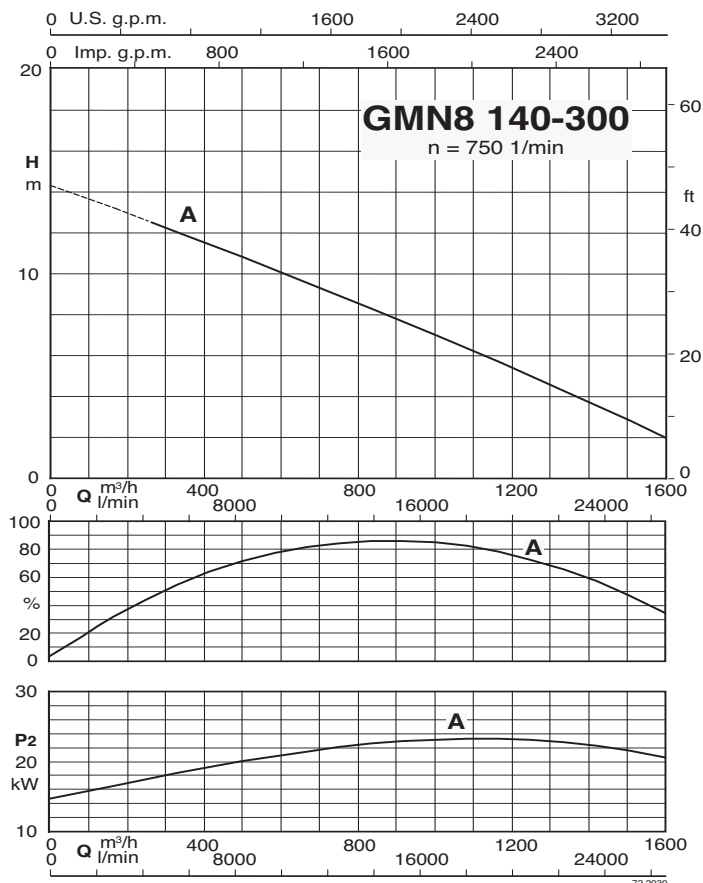
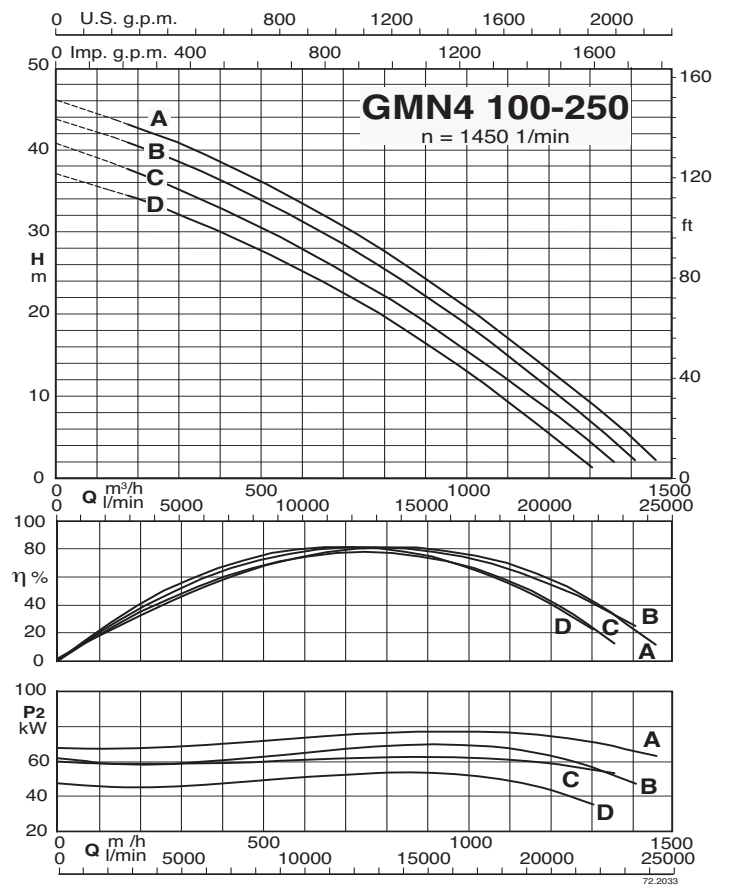
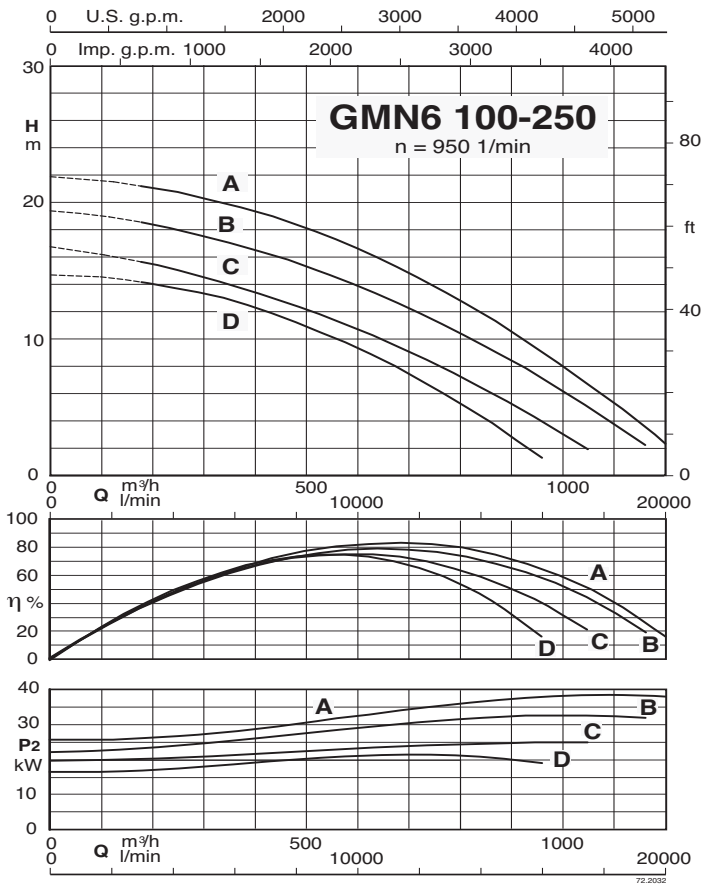
Characteristic curves



Characteristic curves

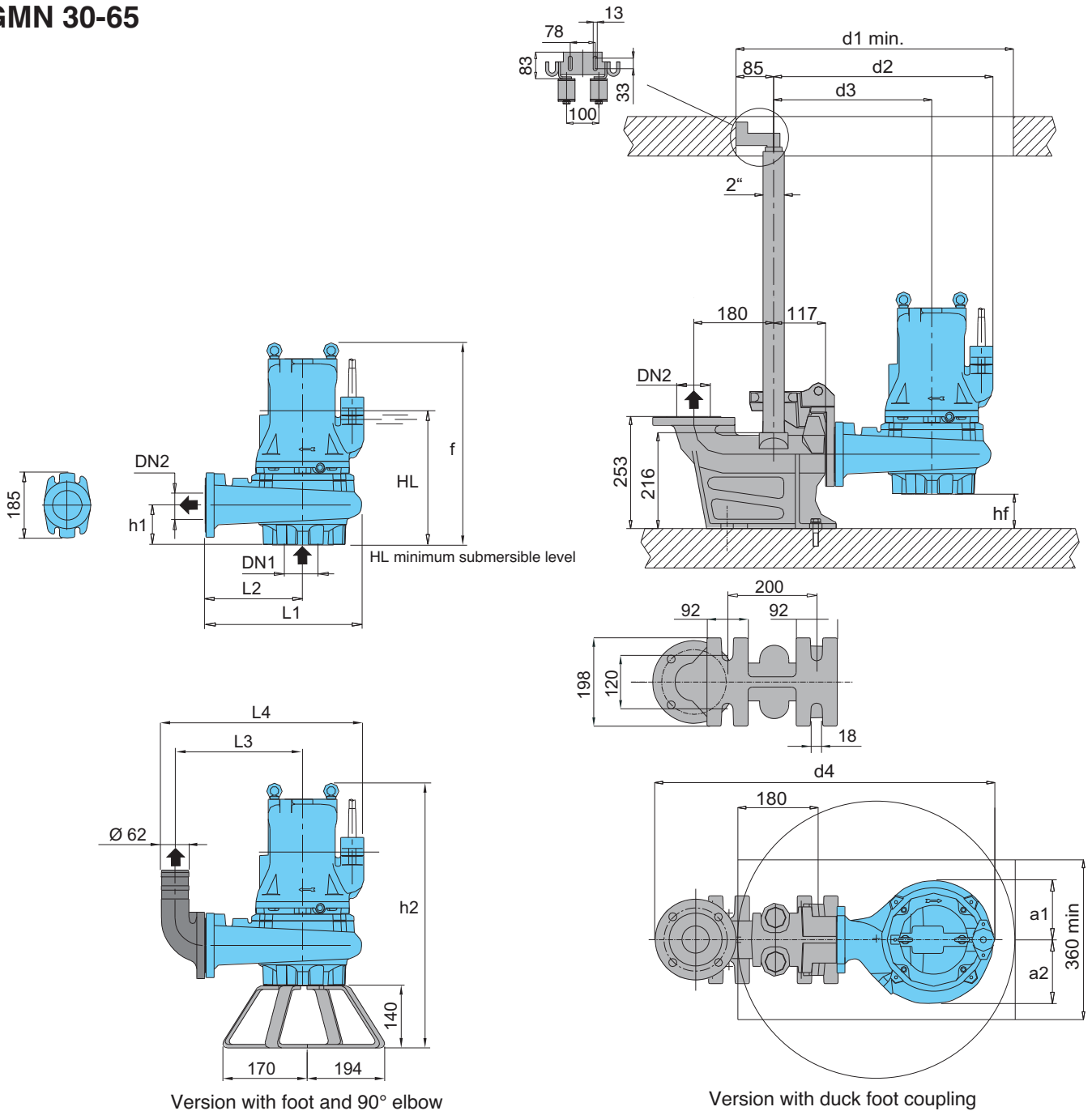


Characteristic curves



Dimensions and weights

GMN 30-65



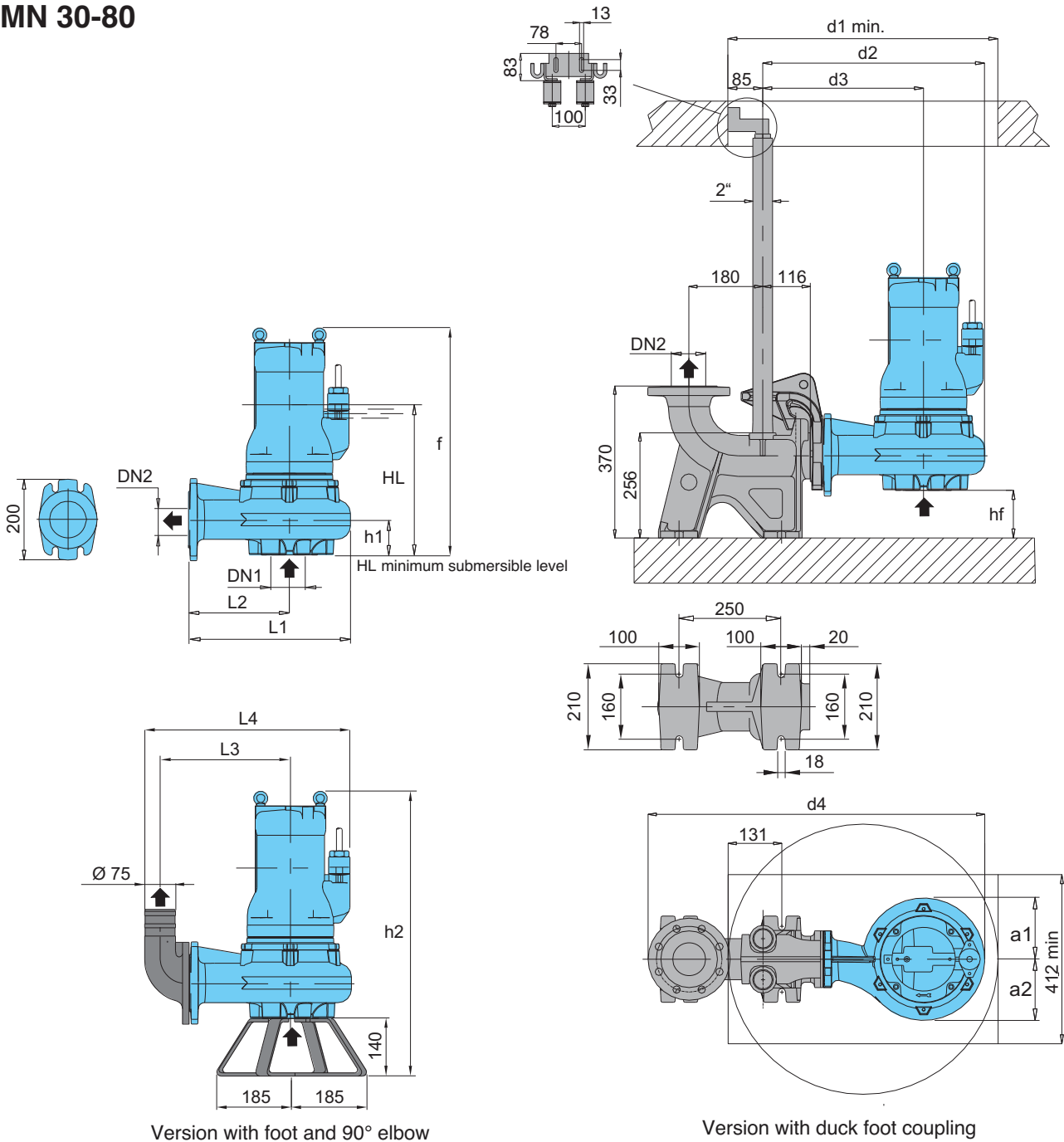
Version with foot and 90° elbow

Version with duck foot coupling

TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN 30-65B	80	65	456	300	78	90	596	133	145	625	495	357	767	358	220	289	458	61
GMN 30-65A																		

Dimensions and weights

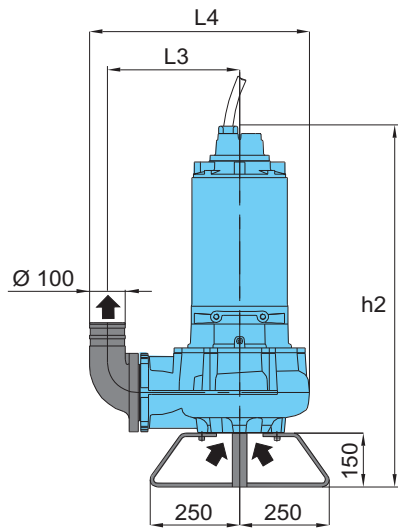
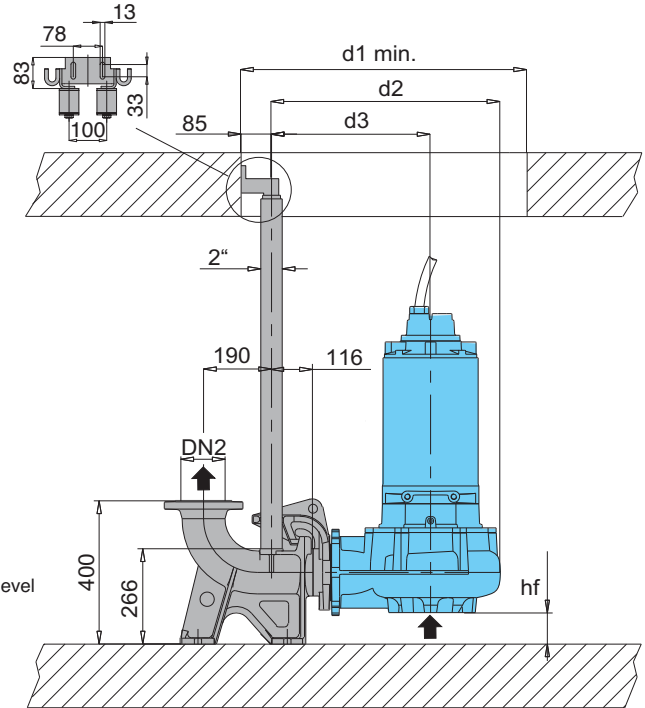
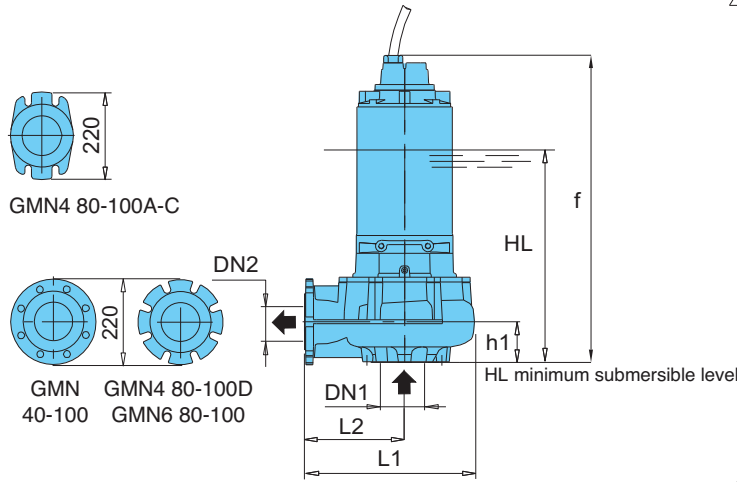
GMN 30-80



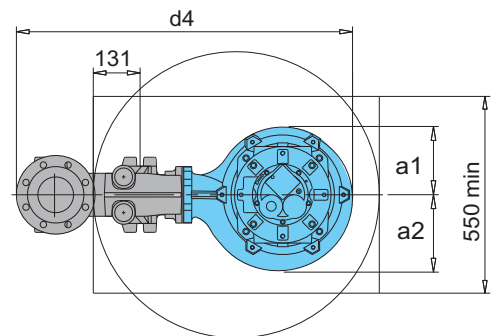
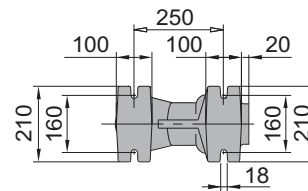
TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN 30-80B	80	80	515	330	110	90	655	133	145	700	511	366	791	365	220	293	475	77
GMN 30-80A	80	80	767	438	132	68	917	165	165	700	571	386	851	405	220	292	515	150

Dimensions and weights

GMN 40-100
GMN 50-100
GMN4 80-100
GMN6 80-100



Version with foot and 90° elbow

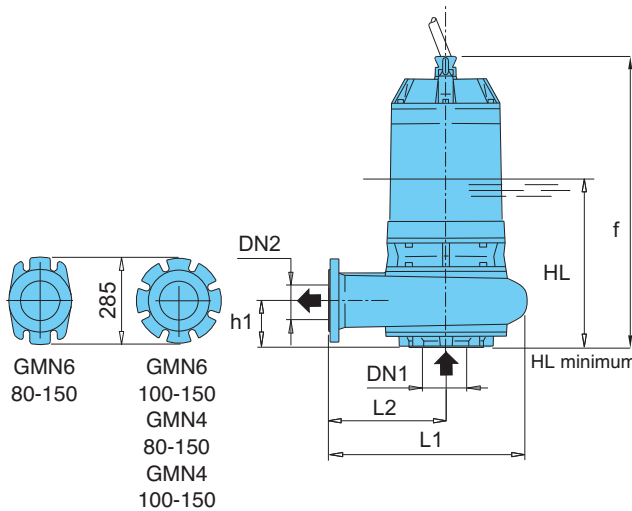


Version with duck foot coupling

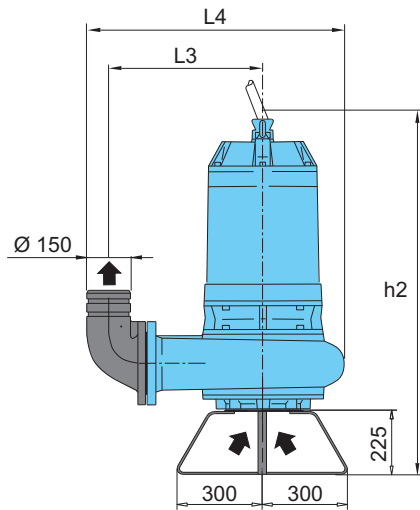
TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg		
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GMN 40-100D	125	100	794	480	127	73	944	168	184	750	628	441	928	462	275	365	602	200	
GMN 40-100C																			
GMN 40-100B																			
GMN 40-100S	125	100	1269	570	127	73	1419	193	193	800	628	441	928	462	280	365	602	340	
GMN4 80-100D	125	100	597	424	62	138	747	180	231	850	673	466	973	507	300	390	647	110	
GMN4 80-100C	125	100	852	526	54	147	1002	189	212	800	640	445	940	474	279	369	614	160	
GMN4 80-100A	125	100	920	570	54	147	1040	189	212	800	640	445	940	474	279	369	614	200	
GMN6 80-100B	125	100	531	372	62	138	681	180	231	850	673	466	973	507	300	390	647	86	
GMN6 80-100A			597	424			747											111	

Dimensions and weights

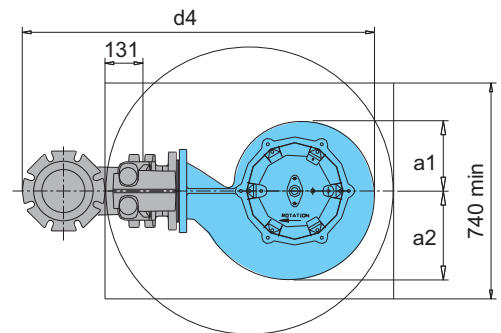
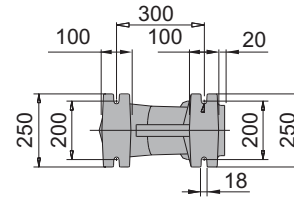
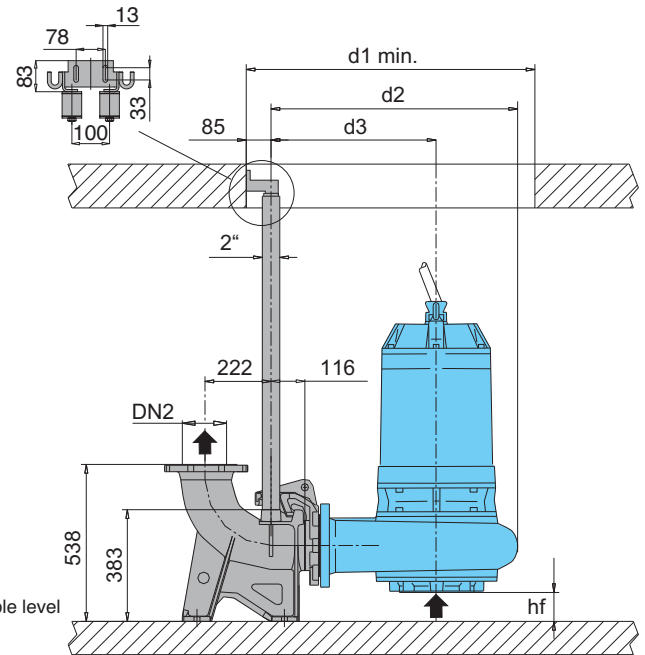
GMN6 80-150
GMN6 100-150
GMN4 80-150
GMN4 100-150



GMN6 80-150
GMN6 100-150
GMN4 80-150
GMN4 100-150



Version with foot and 90° elbow

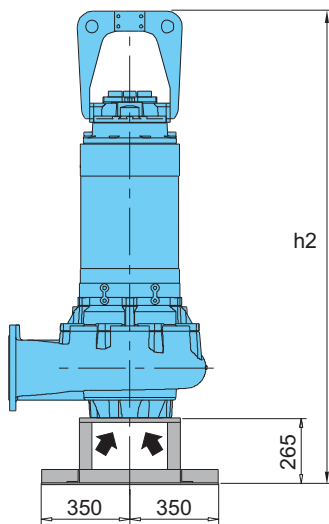
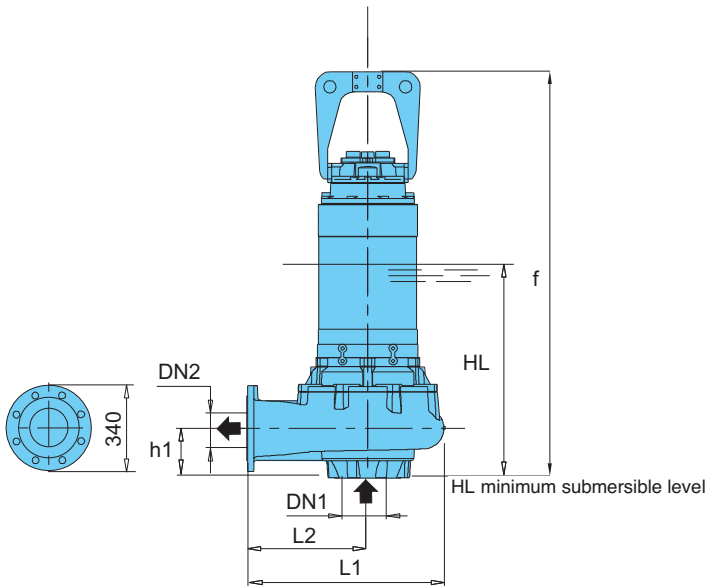


Version with duck foot coupling

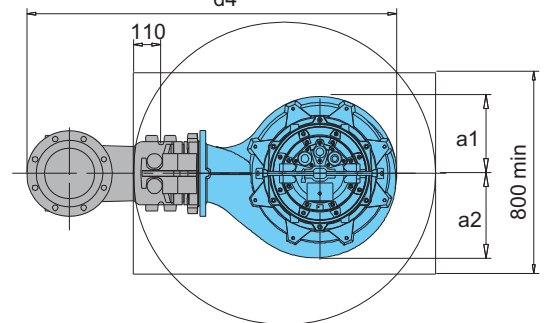
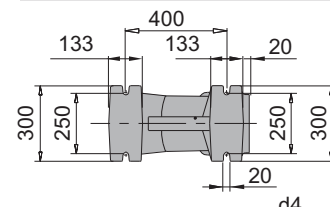
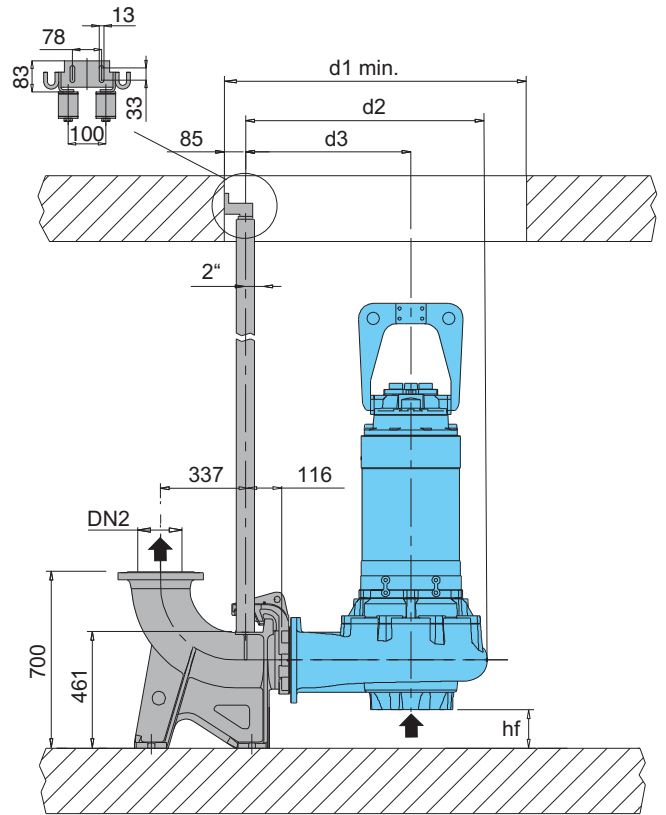
TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN6 80-150B	150	150	820	540	113	147	1042	191	223	850	673	467	1038	507	301	431	712	186
GMN6 80-150A			933	580														
GMN6 100-150B/A GMN6 100-150A/A	150	150	1409	737	80	180	1630	239	304	990	840	566	1208	673	400	530	878	450
GMN4 80-150C/A	150	150	1409	737	80	180	1630	239	304	990	840	566	1208	673	400	530	878	450
GMN4 80-150B/A	150	150	1439	742	80	180	1660	239	304	990	840	566	1208	673	400	530	878	515
GMN4 100-150G	150	150	1409	737	80	180	1630	239	304	990	840	566	1208	673	400	530	878	450
GMN4 100-150F																		
GMN4 100-150E/A																		
GMN4 100-150D/A GMN4 100-150S/A																		

Dimensions and weights

GMN4 100-200
GMN6 100-200
GMN8 100-200



Version with foot

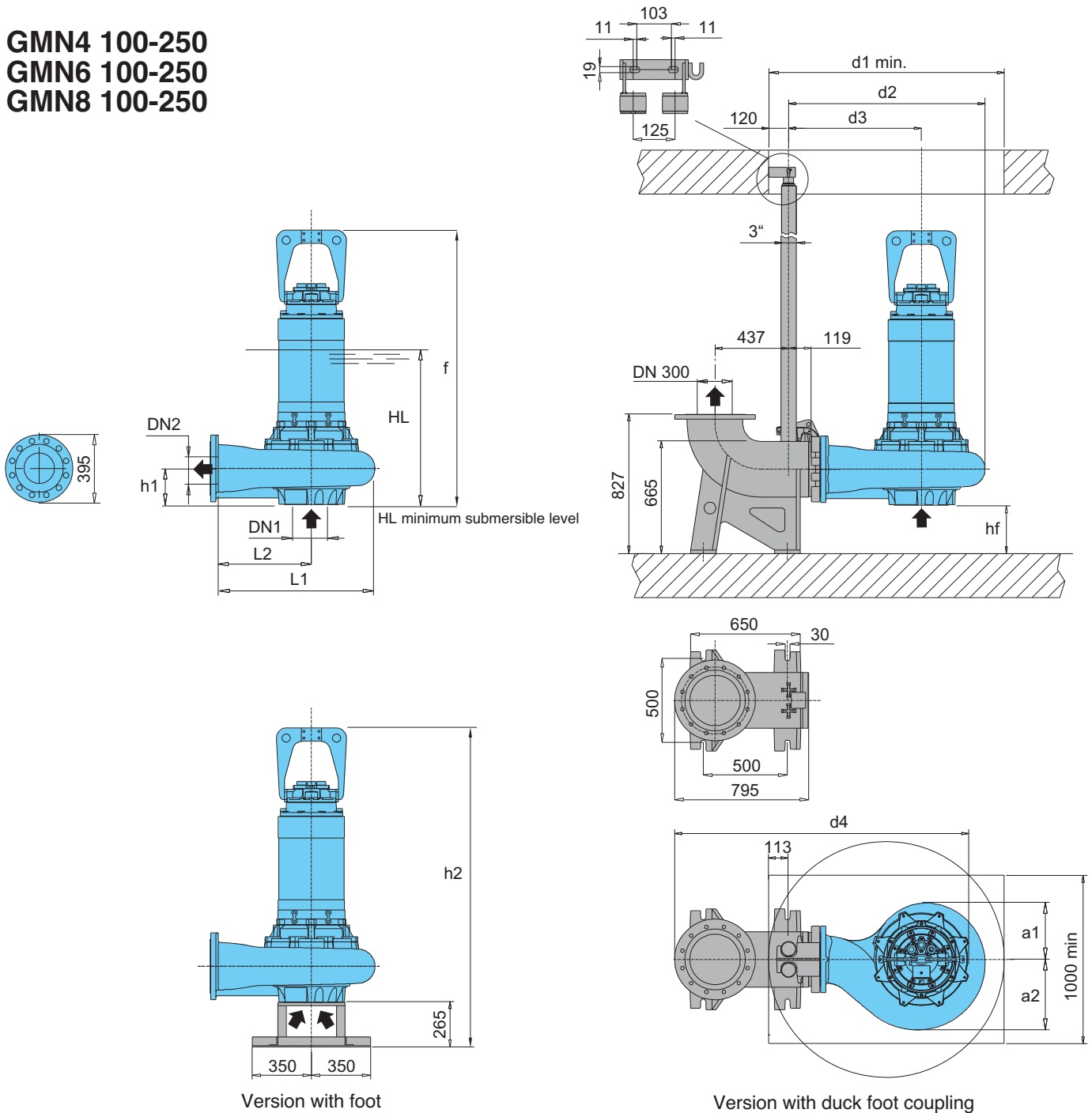


Version with duck foot coupling

TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN4 100-200C	200	200	1613	780	153	198	1878	306	335	1200	962	656	1469	786	480	-	-	665
GMN4 100-200B																		
GMN4 100-200A																		
GMN6 100-200F/A	200	200	1392	665	153	180	1655	269	336	1200	958	656	1314	782	480	-	-	460
GMN6 100-200E/A																		
GMN6 100-200D/A																		
GMN8 100-200B/B	200	200	1392	665	153	180	1655	269	335	1200	958	656	1314	782	480	-	-	435
GMN8 100-200A																		

Dimensions and weights

GMN4 100-250
GMN6 100-250
GMN8 100-250



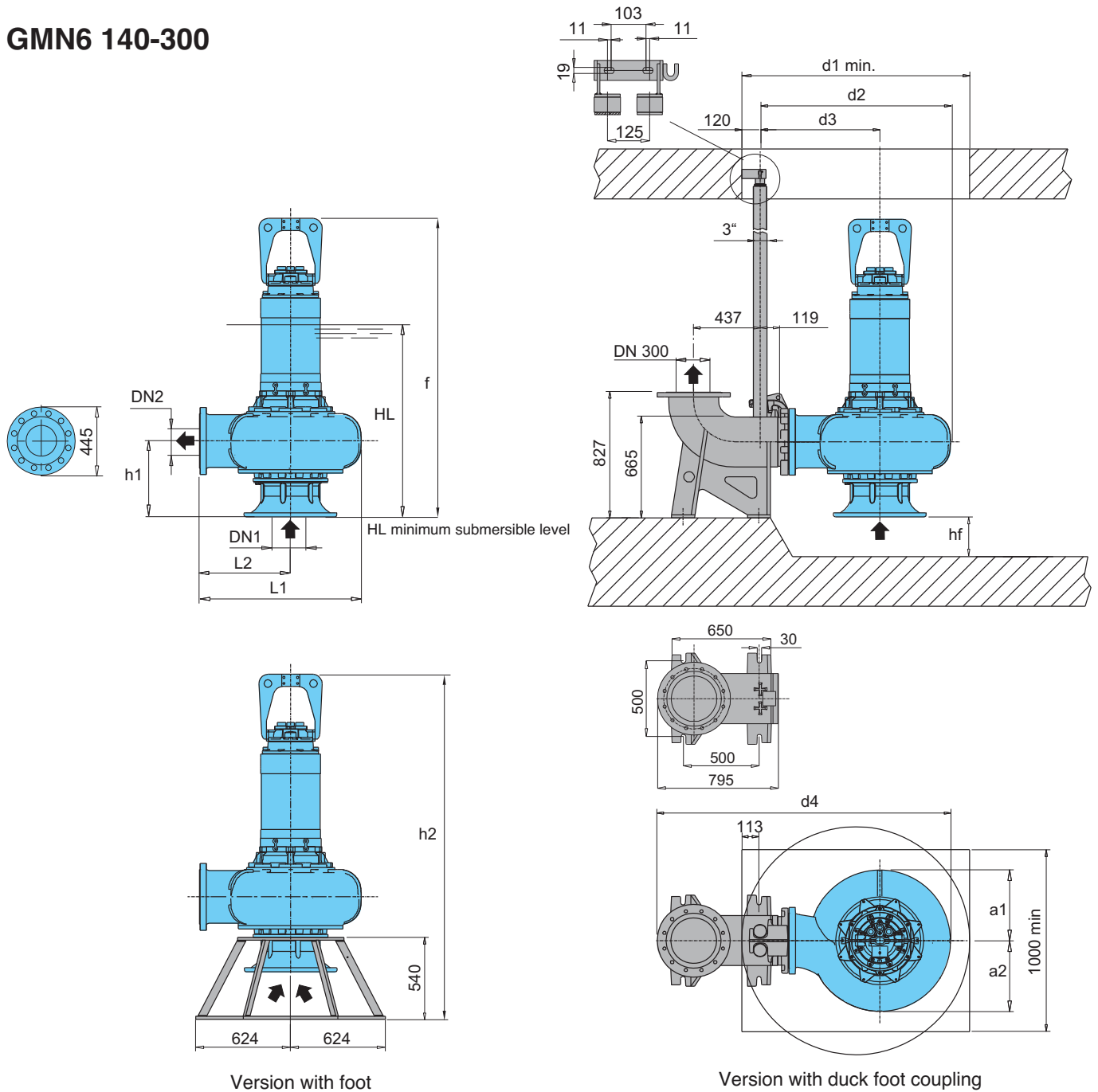
Version with foot

Version with duck foot coupling

TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN4 100-250D	250	250	1710	835	286	214	1975	336	419	1400	1167	789	1843	978	600	-	-	914
GMN4 100-250C																		
GMN4 100-250A																		
GMN6 100-250D	250	250	1408	735	250	180	1670	336	419	1400	1203	789	1843	1014	600	-	-	510
GMN6 100-250C			1437															1702
GMN6 100-250B	250	250	1629	800	286	214	1894	336	419	1400	1167	789	1843	978	600	-	-	730
GMN6 100-250A																		
GMN8 100-250B/A	250	250	1408	735	250	180	1670	336	419	1400	1203	789	1843	1014	600	-	-	520
GMN8 100-250A/B																		1437

Dimensions and weights

GMN6 140-300



TYPE	EN 1092-2 PN 10		Dimensions mm														Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN6 140-300D																		
GMN6 140-300C	350	300	1959	1127	260	494	2271	465	465	1500	1254	789	1930	1065	600	-	-	1042
GMN6 140-300B	350	300	2040	1164	260	494	2352	465	465	1500	1254	789	1930	1065	600	-	-	1230
GMN6 140-300A																		
GMN8 140-300A	350	300	1959	1127	260	494	2271	465	465	1500	1254	789	1930	1065	600	-	-	1024