



GMV



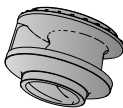
Submersible pumps with vortex impeller in cast iron EN-GJL-250 pag. 250

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



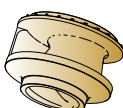
Submersible pumps with channels impeller in stainless steel AISI316 pag. 286

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

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

B-GMN



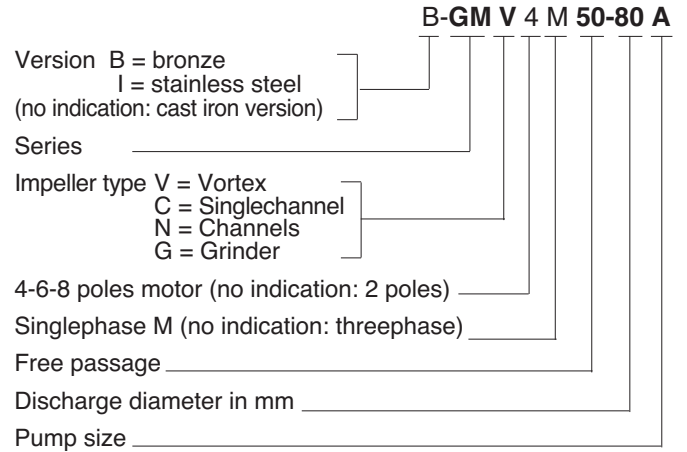
Submersible pumps with channels impeller in Marine Bronze B10 pag. 297

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

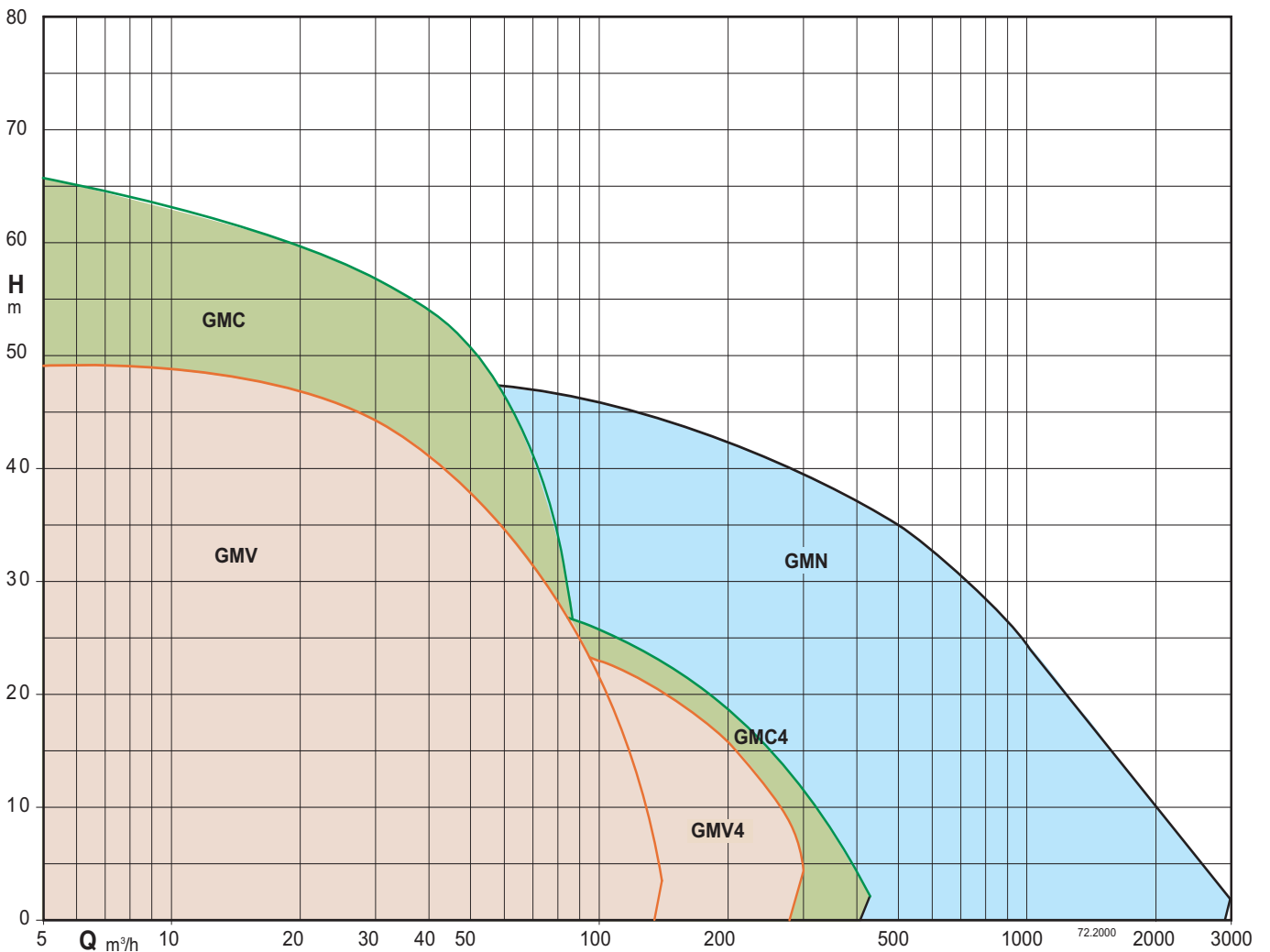
The range covers a wide field of use with head up to 75 m And flows up to 2300 m³/h, with a maximum solid passage up to 140 mm keeping the risk of blockage to a minimum. Dimensionally designed for heavy demand, even on critical applications.

Explosion proof version on request.

Pump designation



Coverage chart



Tolerances according to ISO 9906, annex A.



Construction

Submersible pumps with high power grinder.
Twin mechanical seal with oil chamber (lip-seal motor side up to 1,6 kW).
Delivery connection DN 40.

Applications

Suitable for pumping waste water containing long filamentous, Paper and textile materials and organics.
They are particularly suitable for use in domestic, residential and industrial installations
Solid passage from 6 and 7 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).

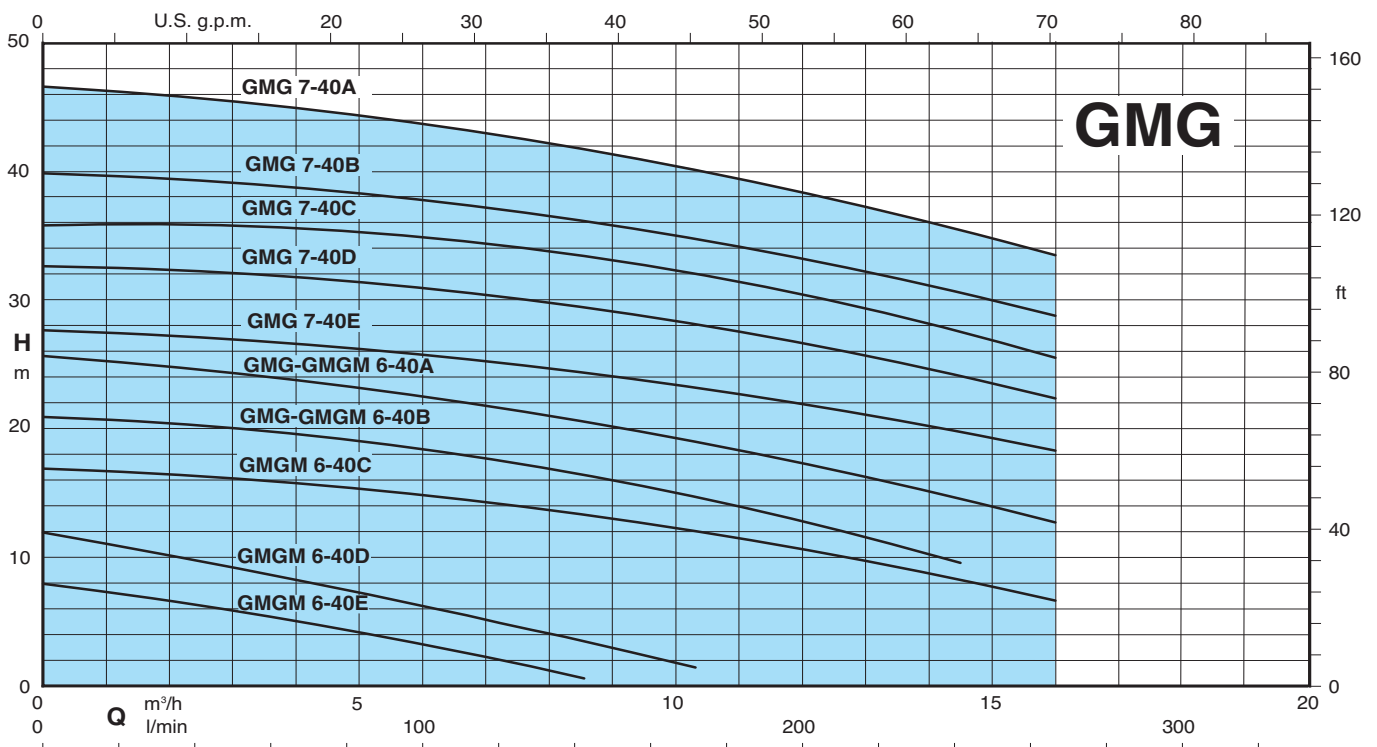
Main materials

- Pump casing: cast iron EN-GJL-250
- Motor casing: cast iron EN-GJL-250
- Motor cover: cast iron EN-GJL-250
- Impeller: cast iron GS 400
- Shaft : stainless steel AISI 420B
- Lip seal made of nitrile up to 1,6 kW
- Mechanical seal motor side: graphite/ceramic over 1,6 kW
- Mechanical seal pump side: silicon carbide/silicon carbide

Motor

- 2 poles induction, 50Hz
- Single-phase version: 230V ± 10%, with float switch and control box with thermal protection and starting capacitors.
- 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
GMGM 6-40E/A	1,1	7,5	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMGM 6-40D/A	1,1	7,5	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMGM 6-40C	1,1	7,5	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMGM 6-40B	1,1	7,5	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMG 6-40B	1,4	3,5	3~ 400V	2850	D.O.L.	40	6	NO	NO	✓
GMGM 6-40A	1,8	10	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMG 6-40A	2,4	5	3~ 400V	2850	D.O.L.	40	6	NO	NO	✓
GMG 7-40E	3,2	6,5	3~ 400V	2850	D.O.L.	40	7	NO	NO	✓
GMG 7-40D	3,2	6,5	3~ 400V	2850	D.O.L.	40	7	NO	NO	✓
GMG 7-40C	4,1	8,5	3~ 400/690V	2850	Y/Δ	40	7	●	●	✓
GMG 7-40B	5	11	3~ 400/690V	2850	Y/Δ	40	7	●	●	✓
GMG 7-40A	5	11	3~ 400/690V	2850	Y/Δ	40	7	●	●	✓

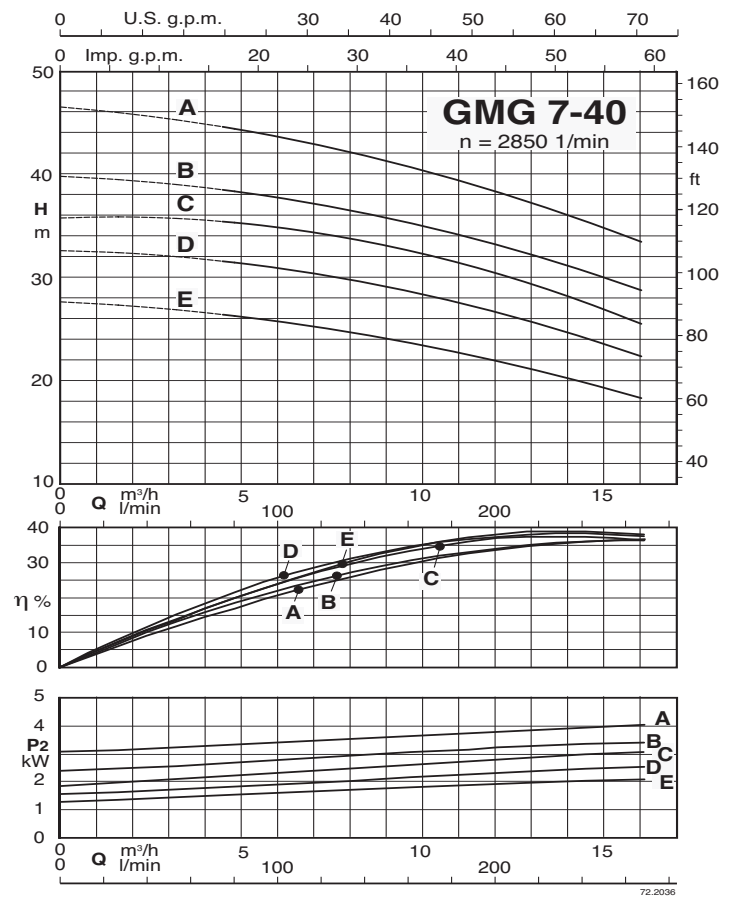
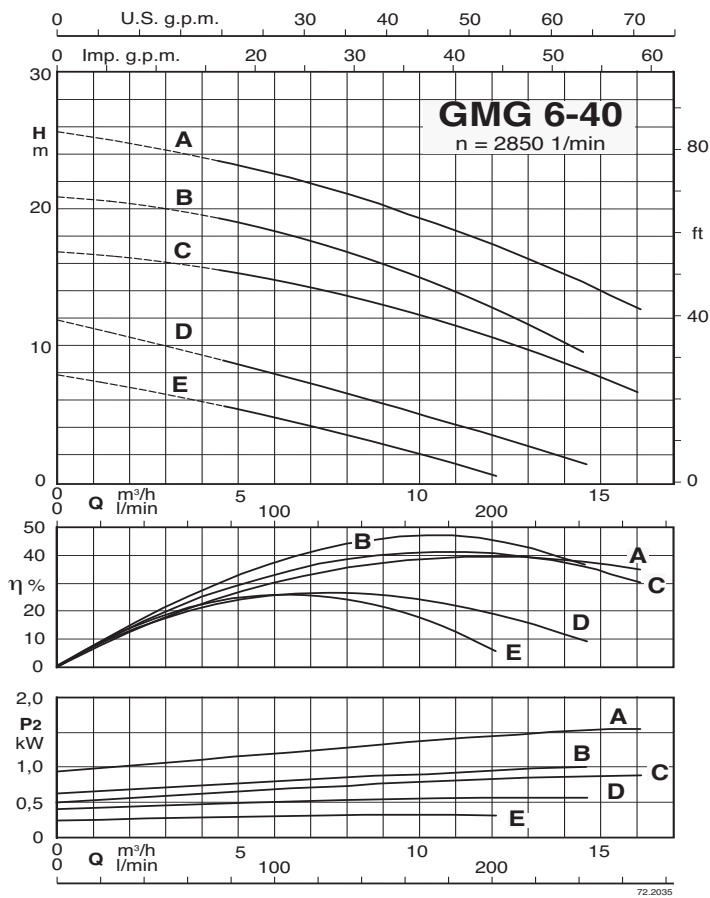
P₂ Rated power output

I_N Rated current

● Standard

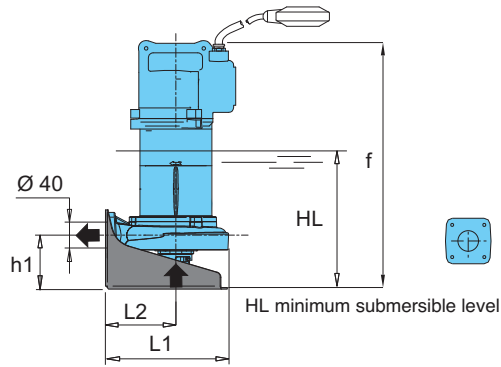
✓ ATEX Eex Version on demand

Characteristic curves

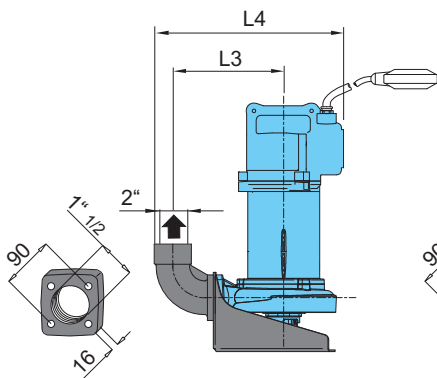
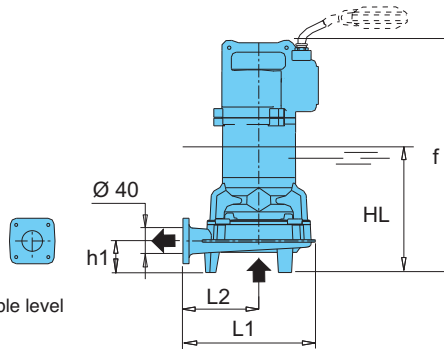


Dimensions and weights

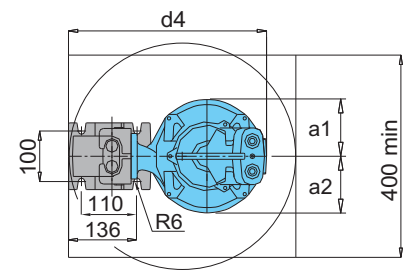
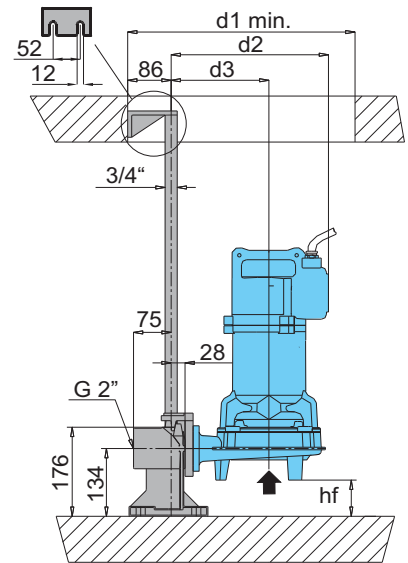
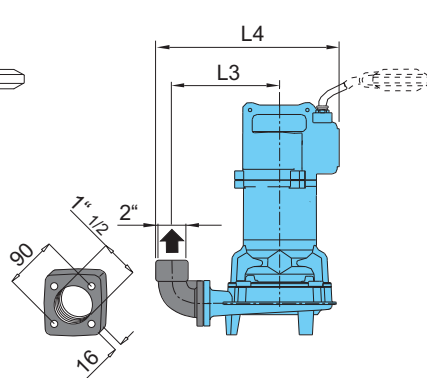
GMGM 6-40D/A, E/A



GMGM 6-40 GMG 6-40 GMG 7-40



Version with threaded flange and 90° elbow



Version with duck foot coupling

TYPE	Dimensions mm															Weight kg
	Ø1	f	HL	hf	h1	a1	a2	d1	d2	d3	d4	L1	L2	L3	L4	
GMGM 6-40E/A	40	441	283	77	106	104	104	450	297	178	392	256	138	154	272	30
GMGM 6-40D/A																
GMGM 6-40C																
GMGM 6-40B																
GMG 6-40B	40	460	240	71	63	112	112	450	312	194	392	268	150	212	262	40
GMGM 6-40A																
GMG 6-40A																
GMG 7-40E																
GMG 7-40D	40	458	315	10	124	121	121	450	327	189	413	288	150	230	405	45
GMG 7-40C																
GMG 7-40B																
GMG 7-40A																
GMG 7-40B	40	517	336	10	124	121	121	450	334	189	420	295	150	230	412	60
GMG 7-40A																