

Elettropompe sommergibili Submersible Pumps



Una nuova serie di pompe sommergibili con idrauliche ad alta efficienza studiata per muovere acque cariche, luride, liquami e acque di processo.

Copre un vasto campo di utilizzo con portate fino a 300 m³/h e prevalenze fino a 40 m con passaggio di solidi fino a 100 mm per ridurre al minimo i rischi di intasamento.

Dimensionate per utilizzi pesanti soddisfano al massimo tutte le esigenze anche nei servizi più gravosi.

Versione antideflagrante Eex a richiesta

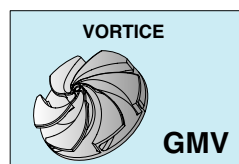
A new series of submersible pumps with high efficiency hydraulics designed to move slurry, sewage and industrial process fluids.

The range covers a wide field of use with head up to 40 m And flows up to 300 m³/h, with a maximum solid passage up to 100 mm keeping the risk of blockage to a minimum.

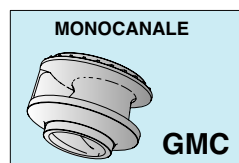
Dimensionally designed for heavy demand, even on critical applications.

Explosion proof version on request.

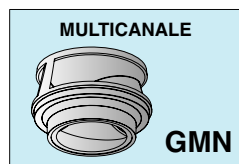
LE GIRANTI



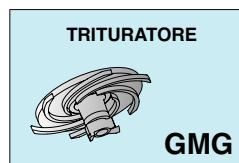
Girante arretrata a vortice, per pompaggio di acque abrasive o contenenti solidi voluminosi e/o fibrosi.
Applicazioni: impianti di fognatura, impianti di allevamento in genere.



Girante monocanale, per liquidi con presenza di materiali fibrosi e/o solidi in sospensione.
Applicazioni: impianti di depurazione, concerie, allevamenti.

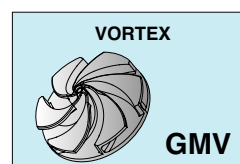


Girante multicanale, per pompaggio di acque pulite o cariche senza corpi filamentosi.
Applicazioni: grandi drenaggi, impianti di depurazioni (es: aeroporti, piazzali stradali).

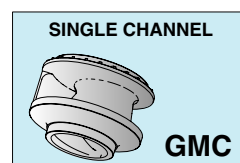


Girante multipale, con gruppo trituratore all'aspirazione, in acciaio inox AISI 440.
Applicazioni: smaltimento delle acque di scarico provenienti da stazioni di servizio, alloggi comunitari e quartieri.

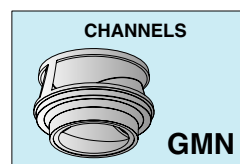
THE IMPELLERS



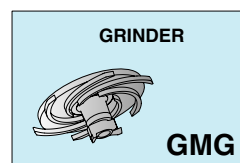
Vortex impeller suitable for pumping liquids containing large solids and/or fibrous materials.
Applications: urban sewerage systems, animal breeding plants.



Single channel impeller, for liquids containing fibrous materials and/or suspended solids.
Applications: purification plants, tanneries, animal breeding plants.



Closed multi-channel impeller, for clean liquids or light solids without filamentous materials.
Applications: large drainage systems, purification plants (e.g. airport).



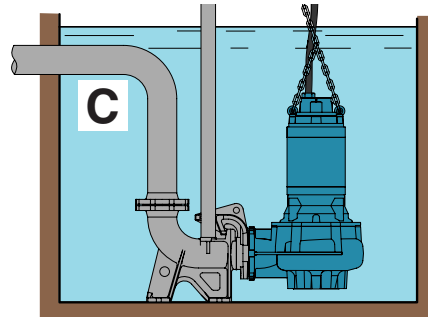
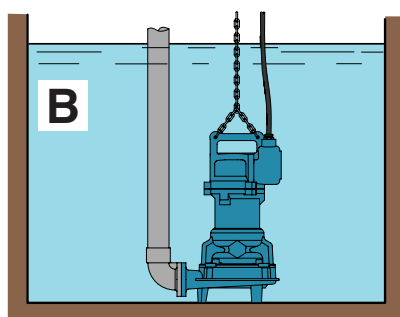
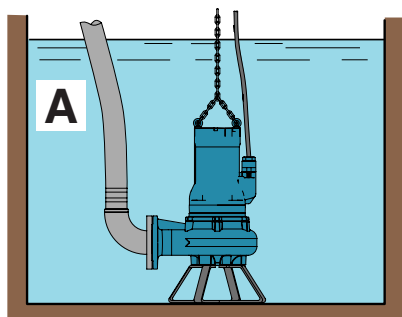
Multi-blade suction impeller with grinder constructed in stainless steel AISI 440, particularly suitable as a grinder for paper or textile materials.
Applications: clearance of waste waters originating from service stations, residential communities, camping sites, etc..

LE INSTALLAZIONI STANDARD

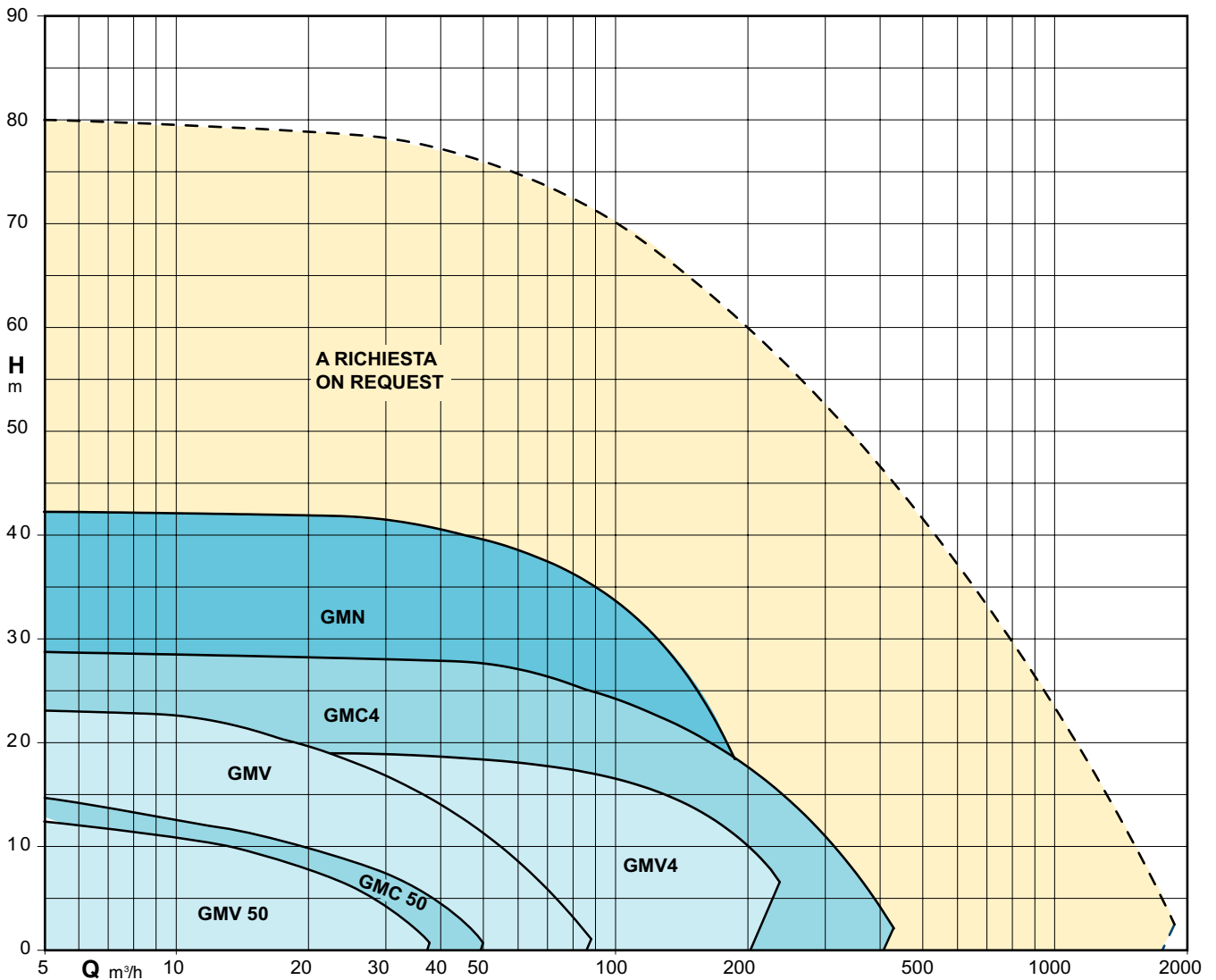
- A** installazione mobile e di emergenza con treppiede di appoggio
- B** installazione mobile con curva
- C** installazione fissa con scivolo di guida e base di accoppiamento automatico.

THE STANDARD INSTALLATIONS

- A** mobile and emergency installation with x-foot support
- B** free installation and threaded elbow
- C** fixed installation fixed with automatic coupling feet and guide rails.

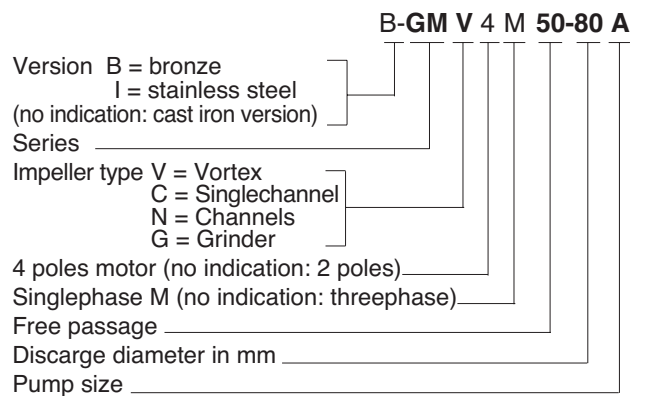
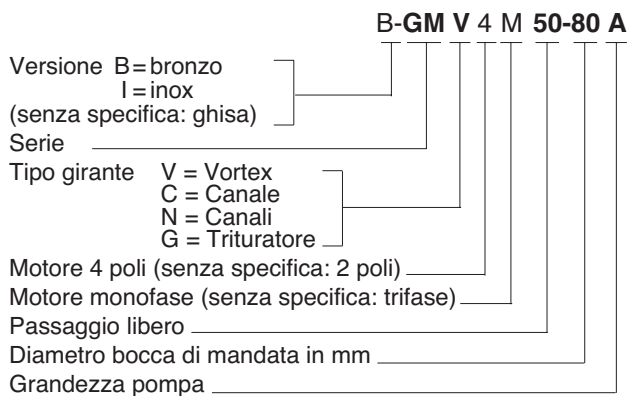


Campo di applicazione - Coverage chart



Designazione pompe

Pump designation



Alberi in AISI 420B sovradimensionati per utilizzi gravosi.

Motor shaft made of stainless steel AISI 420B over dimensioned for heavy duty

Motore a secco per una maggiore sicurezza

Dry motor for increased safety

Cuscinetti sovradimensionati per usi gravosi.

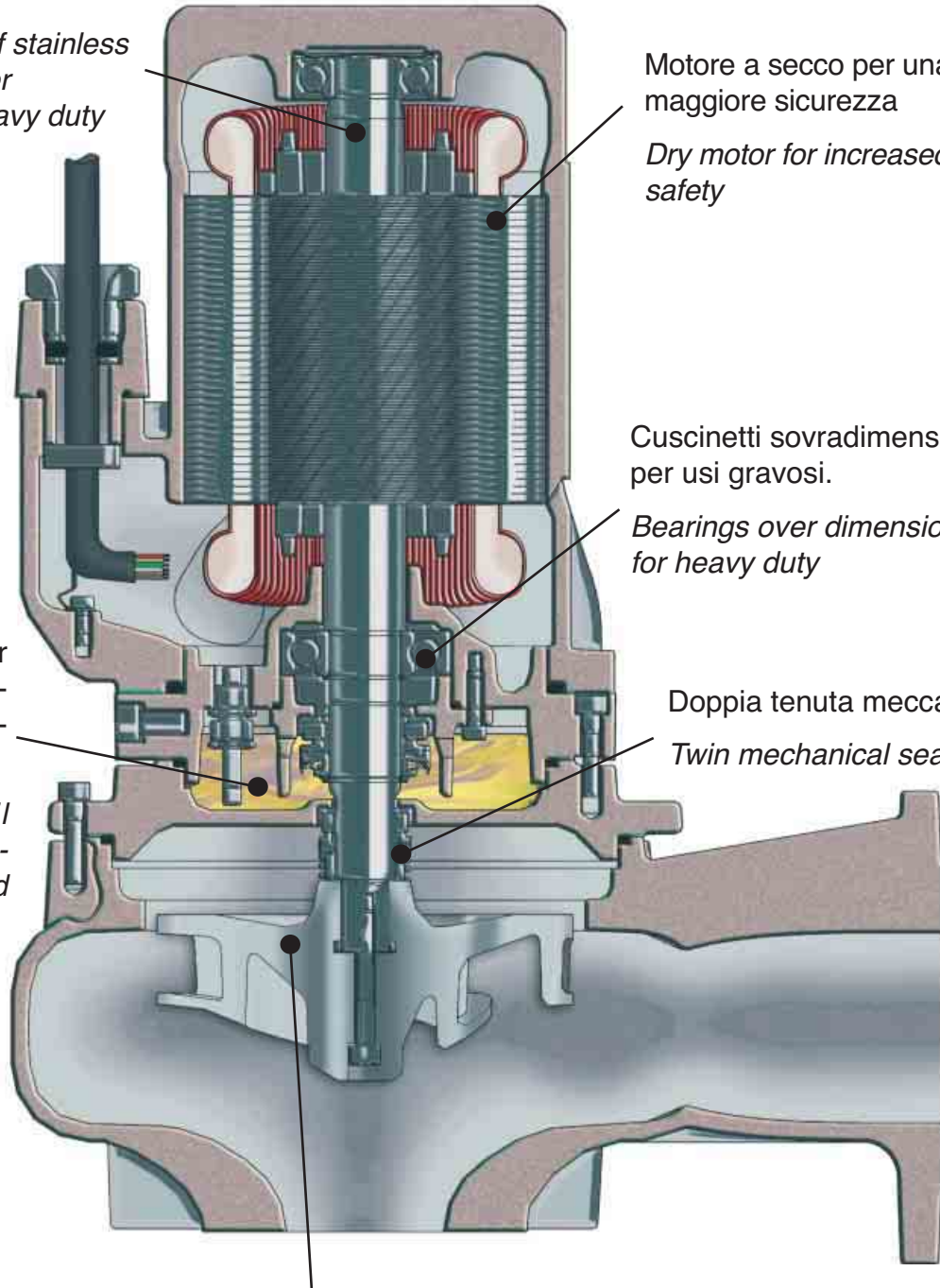
Bearings over dimensioned for heavy duty

Camera d'olio per una corretta lubrificazione e raffreddamento delle tenute.

Intermediate oil chamber for a correct lubrication and cooling.

Doppia tenuta meccanica

Twin mechanical seal



Giranti e volute appositamente studiate per ottimizzare il rendimento idraulico e l'espulsione dei materiali filamentosi e corpi solidi intasanti.

Impeller and volutes are developed to optimize the hydraulic efficiency and provide a clear exit for filamentous and solid materials.

Esecuzione

Elettropompe sommergibili monoblocco.

GMC: con girante monocanale.

GMV: con girante arretrata (a vortice).

Doppia tenuta sull'albero, con camera d'olio interposta.

Impieghi

Per acque di scarico civili e industriali non aggressive per i materiali della pompa, per acque sporche anche con corpi solidi fino a \varnothing 45 mm.

Limiti d'impiego

Temperatura liquido fino a 35 °C.

Valore pH: 6-11.

Profondità di immersione massima: 10 m (con cavo di adatta lunghezza).

Servizio continuo (con motore sommerso).

Motore

Motore a induzione a 2 poli, 50 Hz ($n = 2900$ 1/min).

GMC, GMV: trifase 230 V \pm 10%;

trifase 400 V \pm 10%;

2 termoprotettori incorporati da collegare al quadro comando.

Cavo: 4G1,5 mm²+ 2x0,5 mm², lunghezza 10 m.

GMCM, GMVM: monofase 230 V \pm 10%.

Con interruttore a galleggiante.

Termoprotettore nell'avvolgimento e condensatore incorporato.

Cavo: H07RN-F, 3G1,5 mm², lunghezza 10 m con spina (CEI - UNEL 47166).

Isolamento classe F.

Protezione IP X8.

Avvolgimento con tripla impregnazione resistente all'umidità.

Esecuzione secondo: EN 60 335-2-41.

Materiali

Corpo pompa, Coperchio del corpo, Girante, Carcassa motore, Coperchio motore : Ghisa GJL 200 EN 1561

Albero: Acciaio al cromo 1.4016 EN 10088 (AISI 430)

Tenuta meccanica superiore: Ceramica, carbone, NBR

Tenuta meccanica inferiore: Carburo di silicio, carburo di silicio, NBR

Olio lubrificazione tenuta: Olio bianco per uso alimentare farmaceutico

Construction

Close coupled electric submersible pumps.

GMC: with single-channel impeller.

GMV: with free-flow (vortex) impeller.

Double mechanical shaft seal with interposed oil chamber.

Applications

For domestic or industrial waste water, dirty water with solids up to 45 mm grain size, for liquids which are compatible with the pump materials.

Operating conditions

Liquid temperature up to 35 °C.

pH value: 6-11.

Maximum immersion depth: 10 m (with suitable cable length).

Continuous duty (with submerged motor).



Motor

2-pole induction, 50 Hz ($n = 2900$ rpm).

GMC, GMV: three-phase 230 V \pm 10%;

three-phase 400 V \pm 10%;

2 built-in thermal protectors to be connected to a control box.

Cable: 4G1,5 mm²+ 2x0,5 mm², length 10 m.

GMCM, GMVM: single-phase 230 V \pm 10%.

With float switch, built-in thermal protector and built-in capacitor.

Cable: H07RN8-F, 3G1,5 mm², length 10 m, with plug (CEI - UNEL 47166).

Insulation class F.

Protection IP X8.

Triple impregnation, humidity-proof winding.

Constructed in accordance with: EN 60335-2-41.

Materials

Pump casing, Casing cover, Impeller, Motor housing, Motor cover: Cast iron GJL 200 EN 1561

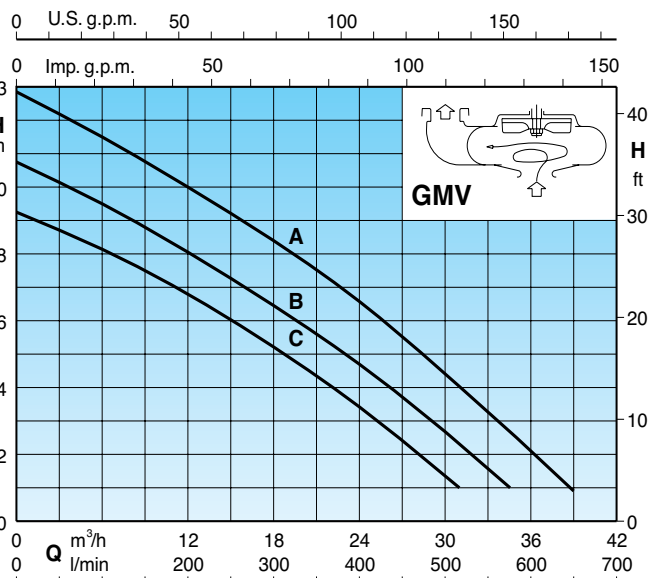
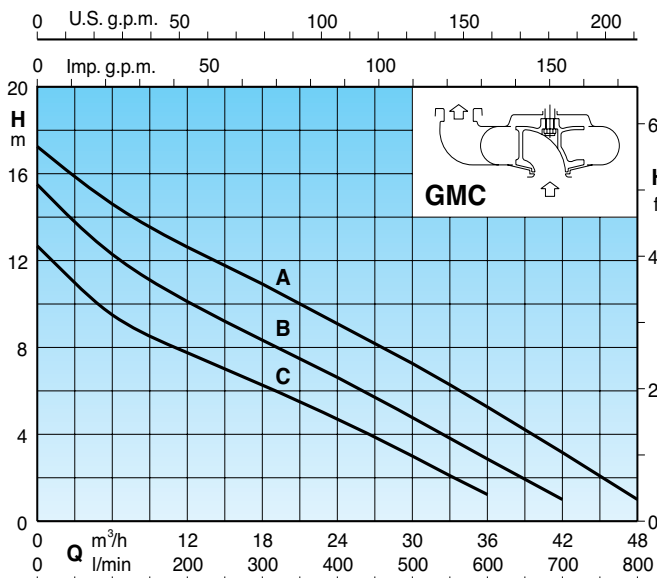
Shaft: Chrome steel 1.4016 EN 10088 (AISI 430)

Mechanical seal: Upper Carbon, ceramic, NBR

Mechanical seal: Lower Silicon carbide, silicon carbide, NBR

Seal lubrication oil: Oil for food machinery and pharmaceutical use

Curve caratteristiche - Characteristic Curves



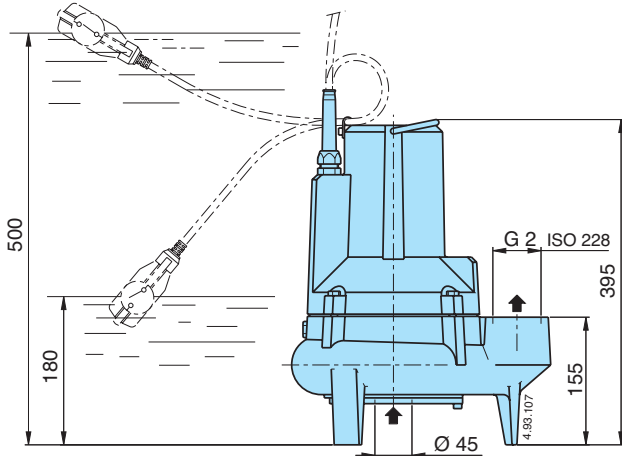
Prestazioni Performance

3~	230 V 400 V		1~	230 V	P ₁	P ₂		Q									
	A	A				A	kW		kW	HP	m ³ /h	6	12	18	24	30	36
GMC 50CE	3,3	1,9	GMCM 50CE	4,5	1,1	0,75	1	H m	9,5	8	6,5	5	3	1			
GMC 50BE	4,8	2,7	GMCM 50BE	6,5	1,5	1,1	1,5		12,5	10	8,5	6,5	5	3	1		
GMC 50AE	6,6	3,8				1,5	2		14,5	12,5	11	9	7,5	5,5	3	1	

3~	230 V 400 V		1~	230 V	P ₁	P ₂		Q									
	A	A				A	kW		kW	HP	m ³ /h	6	12	18	24	30	31
GMV 50CE	3,3	1,9	GMVM 50CE	4,5	1,1	0,75	1	H m	8	7	5	3,5	1,5	1			
GMV 50BE	4,8	2,7	GMVM 50BE	6,5	1,5	1,1	1,5		9,5	8	6,5	4,5	2,5	2,3	1		
GMV 50AE	6,6	3,8				1,5	2		11,5	10	8,5	6,5	4,3	4	2,5	1	

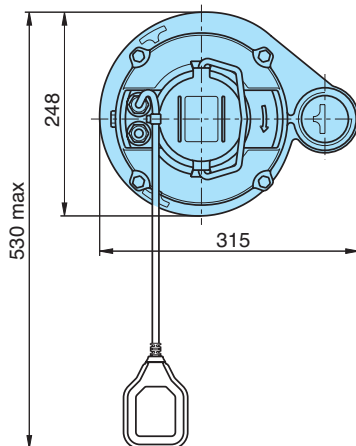
P₁ Massima potenza assorbita Max. power input P₂ Potenza nominale motore Rated motor power output H Prevalenza totale in m Total head in m Densità Density $\rho = 1000 \text{ kg/m}^3$ Viscosità cinematica Kinematic viscosity $\nu = \text{max } 20 \text{ mm}^2/\text{sec}$

Dimensioni e pesi Dimensions and weights



	kg
GMC 50CE	28
GMC 50BE	29
GMC 50AE	30,5
GMCM 50CE	28
GMCM 50BE	29,5

	kg
GMV 50CE	27
GMV 50BE	28
GMV 50AE	29,5
GMVM 50CE	27
GMVM 50BE	28,5



Esecuzione

Pompe sommergibili con girante a vortice.
Doppia tenuta meccanica con camera olio.
Bocca di mandata DN 80-100.

Impieghi

Per acque cariche e luride con corpi in sospensione e con presenza di corpi filamentososi, sono in particolare indicate per svuotamento di pozzi o serbatoi di prima raccolta e fosse biologiche nelle installazioni domestiche, residenziali e industriali.
Passaggio solidi da 50 a 90 mm.

Limiti d'impiego

Temperatura liquido fino a 40 °C.
Massima profondità di immersione: 20m (con cavo di adatta lunghezza)
Servizio continuo (con l'acqua al minimo livello di immersione)

Motore

Motore a induzione a 2 poli o 4 poli, 50Hz
Versione trifase: 400V ± 10%, fino a 3,1 kW
400/690V ± 10% oltre 3,1 kW
Classe di isolamento: H
Grado di protezione: IP 68
N° max avviamenti ora: 15 a intervalli regolari
Cavo: H07RN-F, lunghezza 10 m
Per altri modelli: contattate nostro uff.vendite

Materiali principali

Corpo pompa: ghisa EN-GJL-250
Girante: ghisa EN-GJL-250+Ni
Cassa motore: ghisa EN-GJL-250
Coperchio motore: ghisa EN-GJL-250
Albero: acciaio al cromo AISI 420B
Tenuta meccanica lato motore: grafite/ceramica
Tenuta meccanica lato pompa: carburo di silicio /carburo di silicio



Construction

Submersible pumps with vortex impeller.
Twin mechanical seal with oil chamber.
Delivery connection DN 80-100.

Applications

Suitable to pump slurry and sewage waters with the presence of solid and filamentous parts in suspension, they are in particular pointed out for emptying septic tanks in the domestic, residential and industrial installations.
Solid passage diameter from 50 to 90 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).

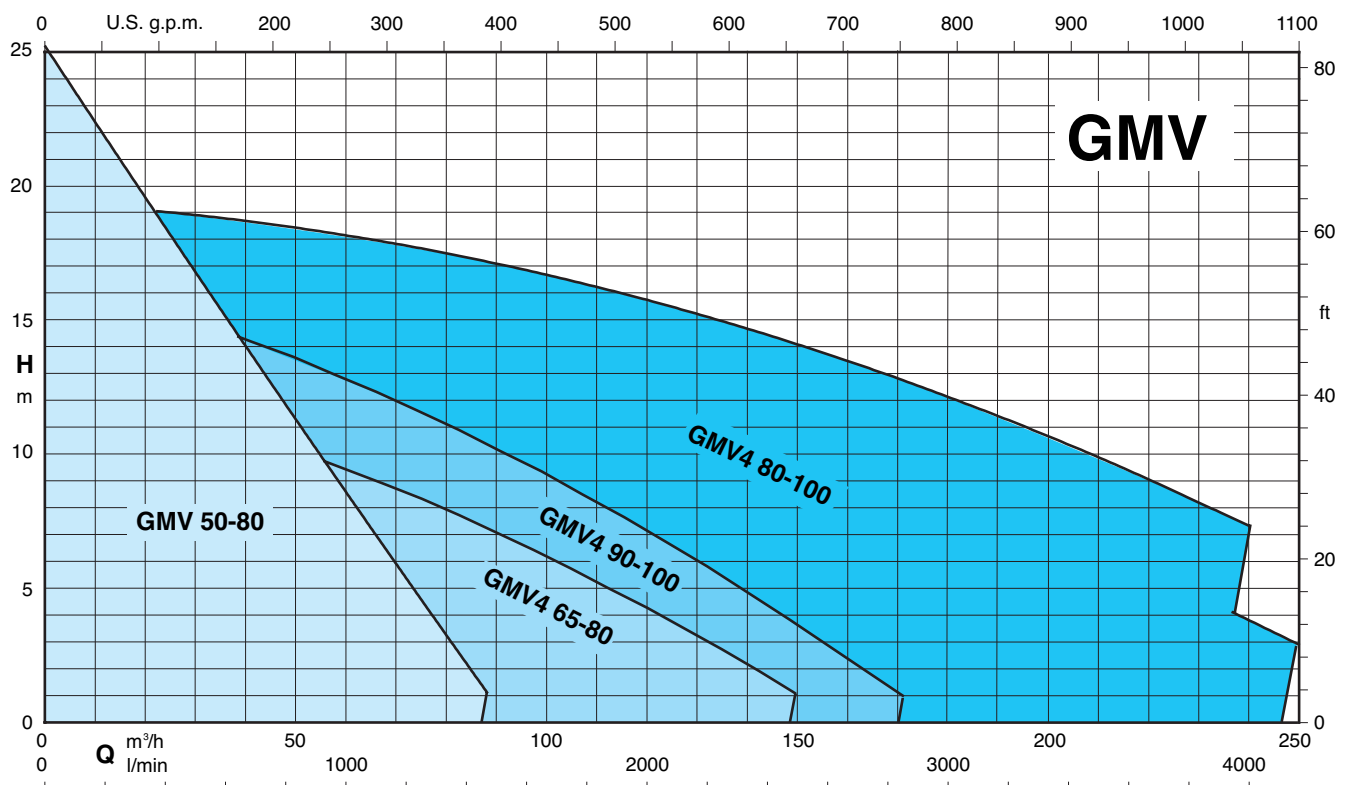
Motor

2 or 4 poles induction, 50Hz
Three-phase version: 400V ± 10%, up to 3,1 kW
400/690V ± 10%, over 3,1 kW
Insulation Class: H
Protection degree: IP 68
N° of starting x hour: max 15 with regular intervals
Cable: H07RN8-F, length 10 m
Other models: contact our sale office

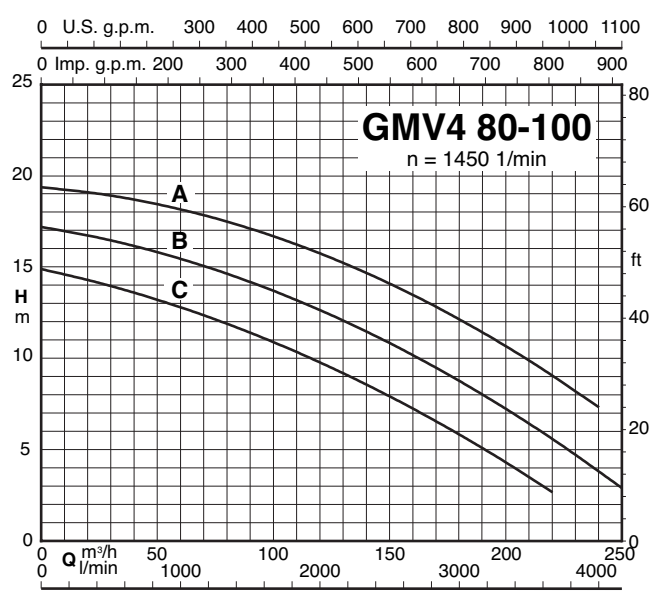
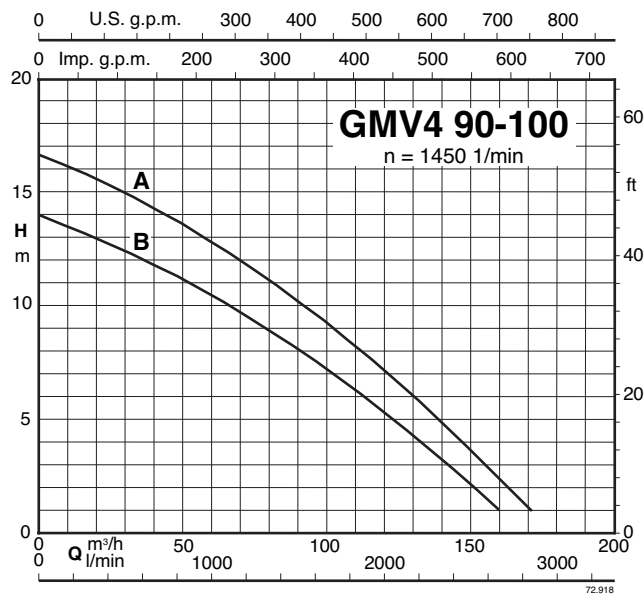
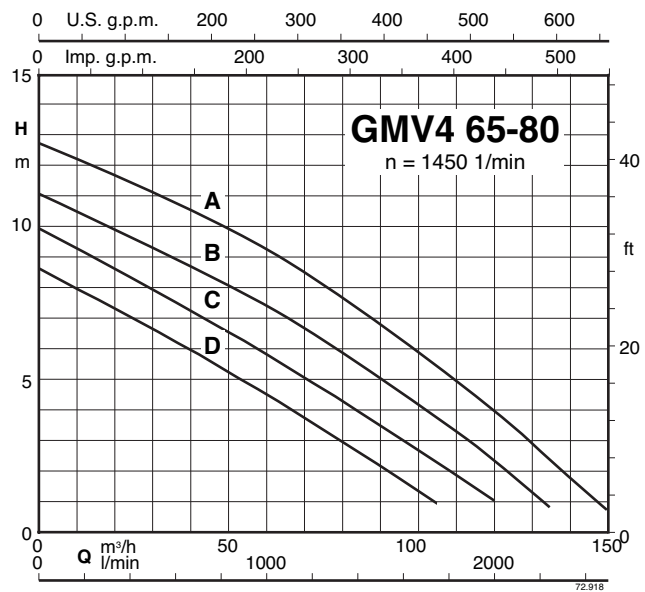
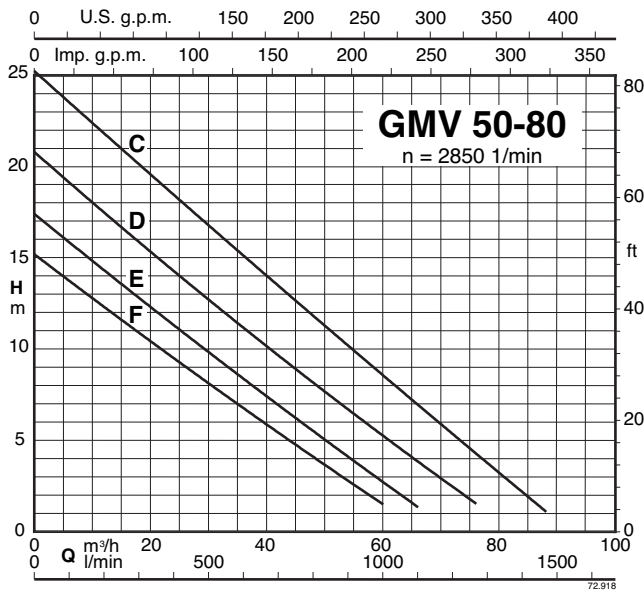
Main materials

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

Campo di applicazione - Coverage chart



Curve caratteristiche Characteristic Curves

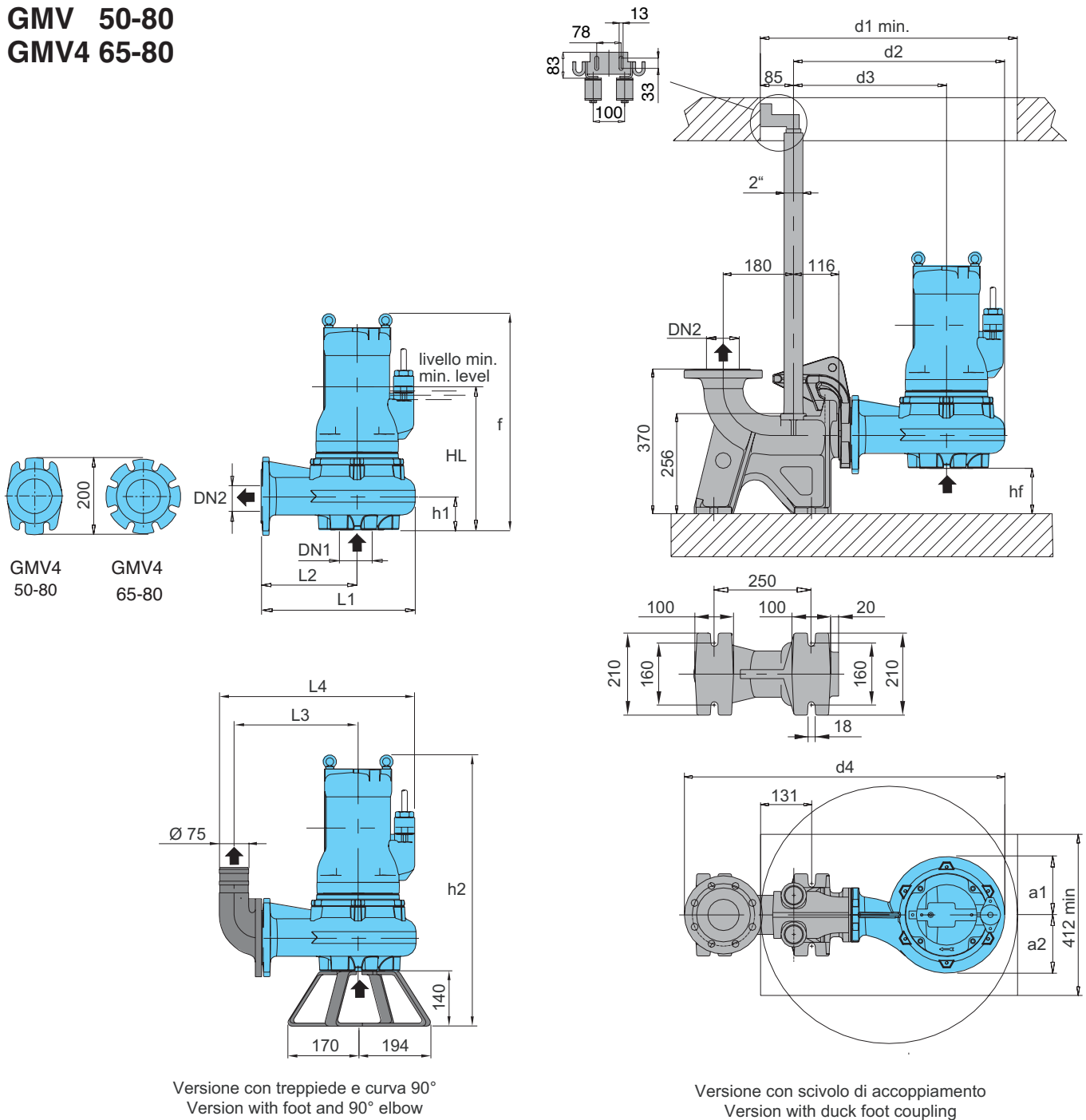


TIPO TYPE	P. Ass. Input P P ₁ kW	P. Nomin. Output P P ₂ kW	I Max Max I A	Alimentazione Power Supply	1/min r.p.m.	Avviamento Starting	DN mm	Pass. Libero Free Pass. Ø mm	Protezione termica Thermal sensor	Sonde controllo infiltrazioni Water probe	ATEX Eex
GMV 50-80F	3,2	2,7	6,2	3~ 400V	2850	D.O.L.	80	50	NO	NO	✓
GMV 50-80E	3,7	3,1	6,2	3~ 400V	2850	D.O.L.	80	50	NO	NO	✓
GMV 50-80D	4,5	3,7	13	3~ 400/690V	2850	Y/Δ	80	50	●	●	✓
GMV 50-80C	6,2	5,2	13	3~ 400/690V	2850	Y/Δ	80	50	●	●	✓
GMV4 65-80D	2,7	2,1	6,3	3~ 400V	1450	D.O.L.	80	65	NO	NO	✓
GMV4 65-80C	3,1	2,4	6,3	3~ 400V	1450	D.O.L.	80	65	NO	NO	✓
GMV4 65-80B	3,6	2,9	9,3	3~ 400/690V	1450	Y/Δ	80	65	●	●	✓
GMV4 65-80A	4,3	3,5	9,3	3~ 400/690V	1450	Y/Δ	80	65	●	●	✓
GMV4 90-100B	5,4	4,5	12,1	3~ 400/690V	1450	Y/Δ	100	90	●	●	✓
GMV4 90-100A	6,8	5,6	12,1	3~ 400/690V	1450	Y/Δ	100	90	●	●	✓
GMV4 80-100C	9,3	8,2	24,4	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓
GMV4 80-100B	11,8	10,4	27,2	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓
GMV4 80-100A	14,8	13	27,2	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓

✓ ATEX Eex Versione a richiesta - Version on demand ● Standard

Dimensioni e pesi Dimensions and weights

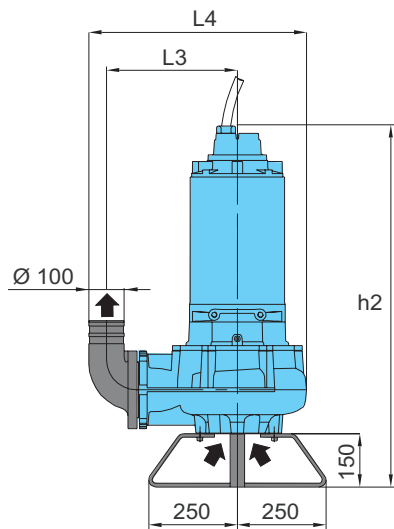
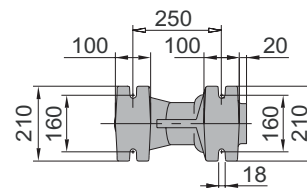
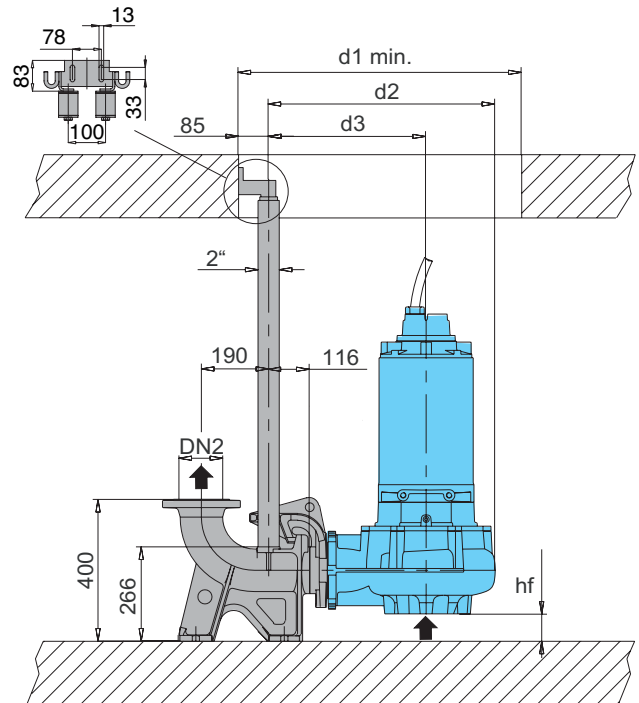
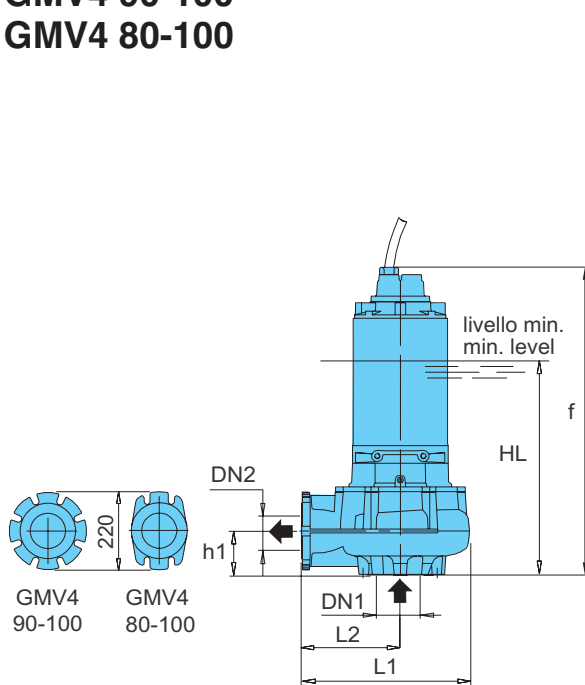
GMV 50-80 GMV4 65-80



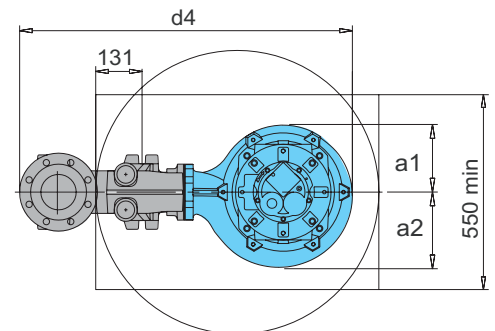
TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMV 50-80F	80	80	487	330	116	84	627	149	149	660	541	392	821	395	246	380	570	52
GMV 50-80E																		
GMV 50-80D	80	80	553	365	116	84	693	149	149	660	541	392	821	395	246	380	570	84
GMV 50-80C																		
GMV4 65-80D	80	80	516	380	80	121	656	143	169	700	548	396	828	402	250	323	512	64
GMV4 65-80C																		
GMV4 65-80B	80	80	575	400	80	121	715	143	169	700	548	396	828	402	250	323	512	75
GMV4 65-80A																		

Dimensioni e pesi Dimensions and weights

GMV4 90-100 GMV4 80-100



Versione con treppiede e curva 90°
Version with foot and 90° elbow



Versione con scivolo di accoppiamento
Version with duck foot coupling

TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMV4 90-100B	125	100	785	490	89	111	935	180	180	800	633	443	933	468	277	367	369	123
GMV4 90-100A																		
GMV4 80-100C	125	100	890	570	54	147	1040	189	212	800	640	445	940	474	279	607	614	223
GMV4 80-100B																		
GMV4 80-100A																		

Esecuzione

Pompe sommergibili con girante monocanale.
 Doppia tenuta meccanica con camera d'olio (tenuta a labbro lato motore per potenze fino 1 kW).
 Bocca di mandata DN 80-100-150

Impieghi

Per il movimento di acque cariche e luride grigliate.
 Particolarmente adatte allo svuotamento di liquami da pozzi neri o da serbatoi di prima raccolta o di acque industriali di rifiuto.
 Passaggio solidi da 65 a 100 mm.

Limiti d'impiego

Temperatura liquido fino a 40 °C.
 Massima profondità di immersione: 20m (con cavo di adatta lunghezza)
 Servizio continuo (con l'acqua al minimo livello di immersione)

Motore

Motore a induzione a 4 poli, 50Hz
 Versione monofase: 230V ± 10%, completa di galleggiante e condensatore inserito nel motore.
 Versione trifase: 400V ± 10%, fino a 3,2 kW
 400/690V ± 10% oltre 3,2 kW
 Classe di isolamento: H
 Grado di protezione: IP 68
 N° max. avviamenti ora: 15 a intervalli regolari
 Cavo: H07RN-F, lunghezza 10 m
 Per altri modelli: contattate nostro ufficio vendite

Materiali principali

Corpo pompa: ghisa EN-GJL-250 - Girante: ghisa EN-GJL-250+Ni
 Cassa motore, Coperchio motore: ghisa EN-GJL-250
 Albero: acciaio al cromo AISI 420B
 Tenuta a labbro in nitrile fino a 1 kW
 Tenuta meccanica lato motore: grafite/ceramica oltre 1 kW.
 Tenuta meccanica lato pompa: carburo di silicio /carburo di silicio



Construction

Submersible pumps with single channel impeller.
 Twin mechanical seal with oil chamber (lip-seal motor side up to 1 kW).
 Delivery connection DN 80-100-150

Applications

Suitable to pump slurry, sewage, waste water (non-corrosive).
 In industrial and residential installations and draining applications
 Solid passage from 65 to 100mm

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).

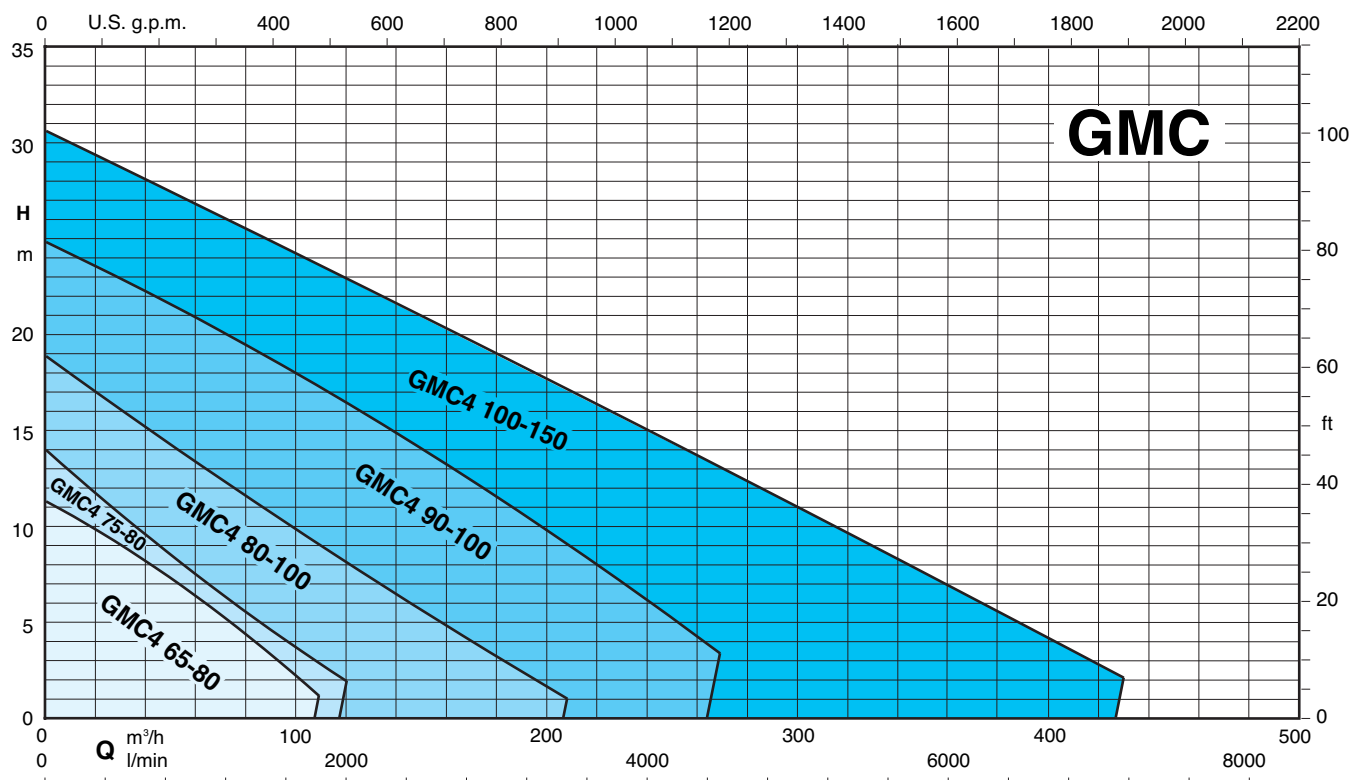
Motor

4 poles induction, 50Hz
 Single-phase version: 230V ± 10%, with float switch and built-in capacitor.
 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: H07RN8-F, length 10 m
 Other models: contact our sale office

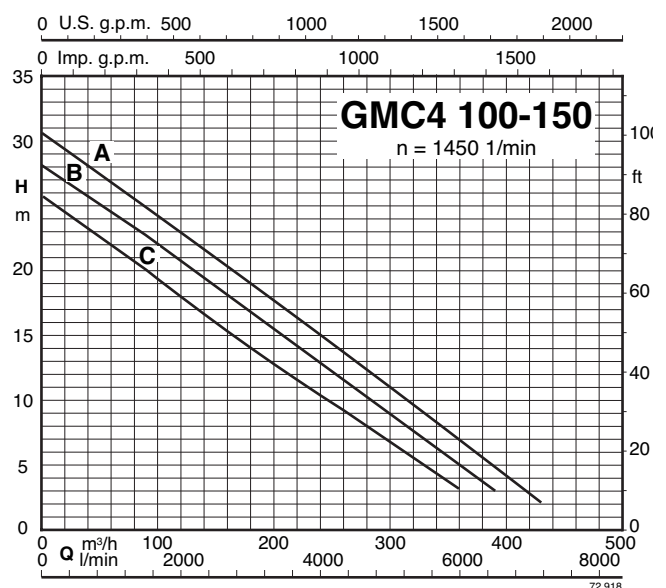
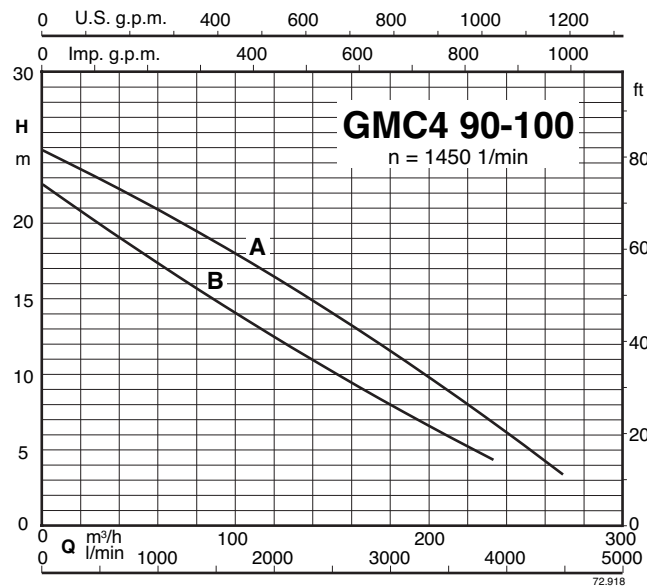
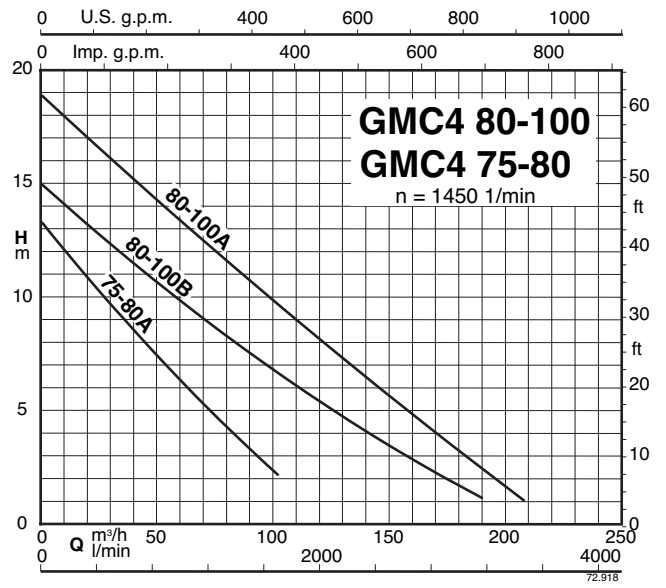
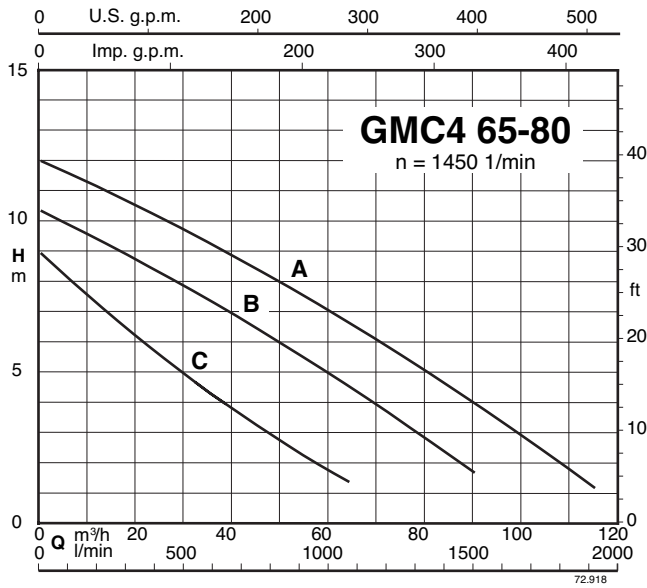
Main materials

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

Campo di applicazione - Coverage chart



Curve caratteristiche · Characteristic Curves

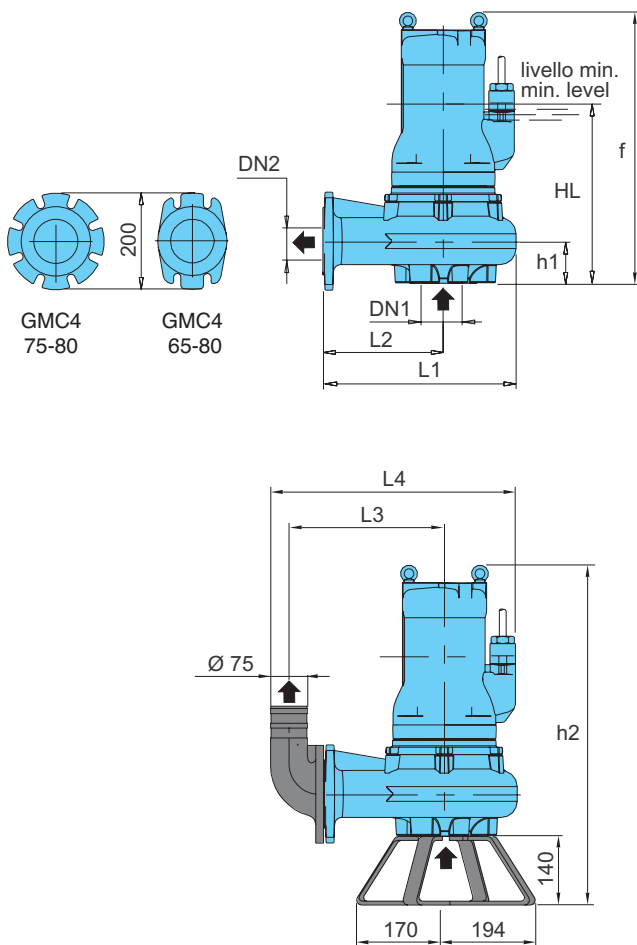


TIPO TYPE	P. Ass. Input P P1 kW	P. Nomin. Output P P2 kW	I Max Max I A	Alimentazione Power Supply	1/min r.p.m.	Avviamento Starting	DN mm	Pass. Libero Free Pass. Ø mm	Protezione termica Thermal sensor	Sonde controllo infiltrazioni Water probe	ATEX Eex
GMC4M 65-80C	1,3	0,8	8,5	1~ 230V	1450	D.O.L.	80	65	●	NO	✓
GMC4 65-80C	1,3	1	3,2	3~ 400V	1450	D.O.L.	80	65	NO	NO	✓
GMC4 65-80B	2,3	1,8	6,3	3~ 400V	1450	D.O.L.	80	65	NO	NO	✓
GMC4 65-80A	2,8	2,2	6,3	3~ 400V	1450	D.O.L.	80	65	NO	NO	✓
GMC4 75-80A	2,8	2,2	6,3	3~ 400V	1450	D.O.L.	80	75	NO	NO	✓
GMC4 80-100B	3,8	3,1	9,3	3~ 400/690V	1450	Y/Δ	100	80	NO	NO	✓
GMC4 80-100A	5,7	4,7	12,1	3~ 400/690V	1450	Y/Δ	100	80	●	●	✓
GMC4 90-100B	8,8	7,7	24,4	3~ 400/690V	1450	Y/Δ	100	90	●	●	✓
GMC4 90-100A	11,9	10,5	24,4	3~ 400/690V	1450	Y/Δ	100	90	●	●	✓
GMC4 100-150C	13,6	12	27,2	3~ 400/690V	1450	Y/Δ	150	100	●	●	✓
GMC4 100-150B	17,5	15,6	46	3~ 400/690V	1450	Y/Δ	150	100	●	●	✓
GMC4 100-150A	18,6	16,6	46	3~ 400/690V	1450	Y/Δ	150	100	●	●	✓

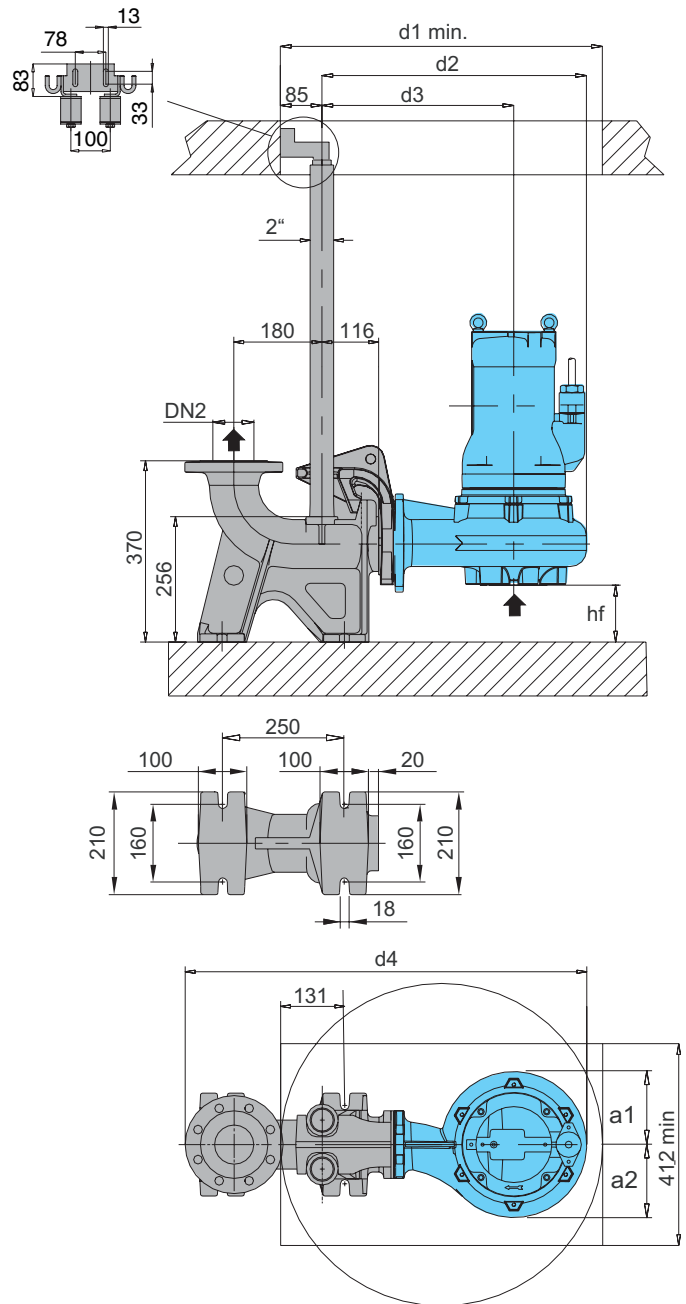
✓ ATEX Eex Versione a richiesta - Version on demand ● Standard

Dimensioni e pesi Dimensions and weights

GMC4M 65-80
GMC4 65-80
GMC4 75-80



Versione con treppiede e curva 90°
Version with foot and 90° elbow

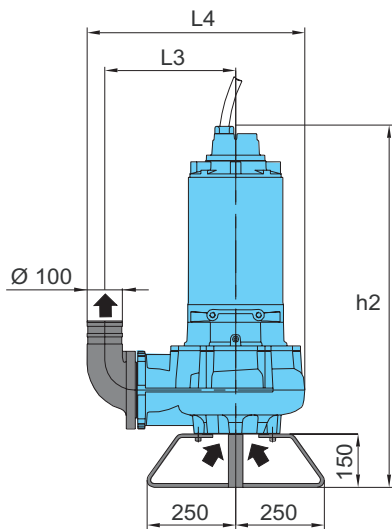
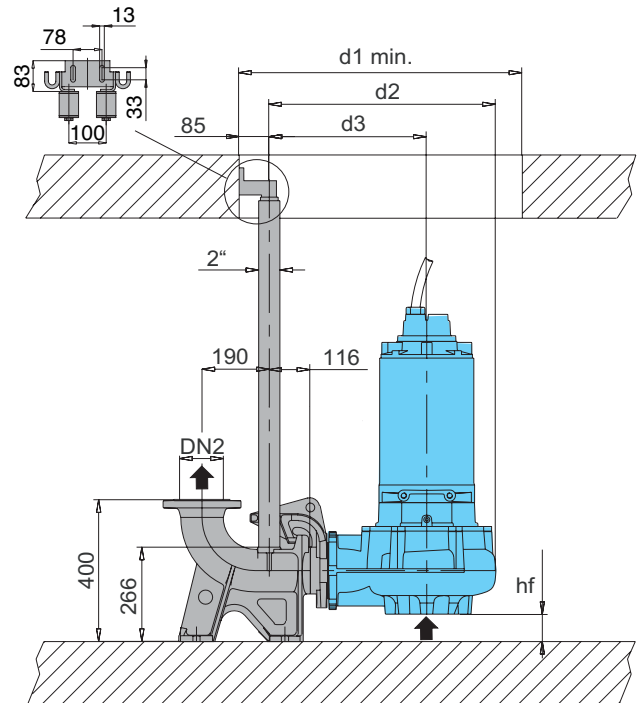
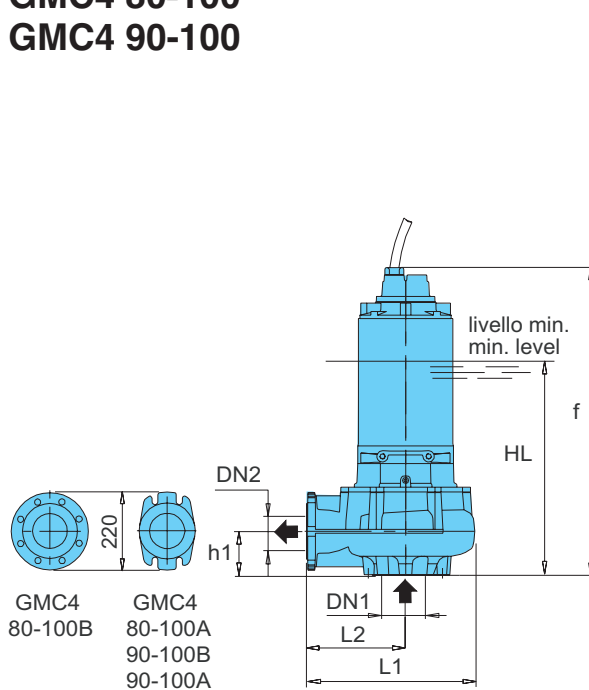


Versione con scivolo di accoppiamento
Version with duck foot coupling

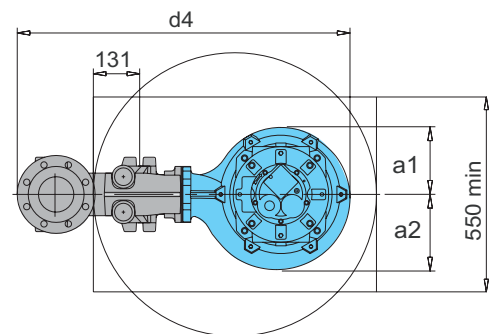
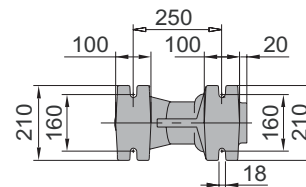
TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMC4M 65-80C	80	80	533	330	104	84	673	132	132	658	498	366	775	332	200	273	442	45
GMC4 65-80C	80	80	519	360	84	116	659	136	157	658	511	366	791	365	220	293	475	67
GMC4 65-80B	80	80	516	380	80	121	656	143	169	700	548	396	828	402	250	323	512	70

Dimensioni e pesi Dimensions and weights

GMC4 80-100 GMC4 90-100



Versione con treppiede e curva 90°
Version with foot and 90° elbow

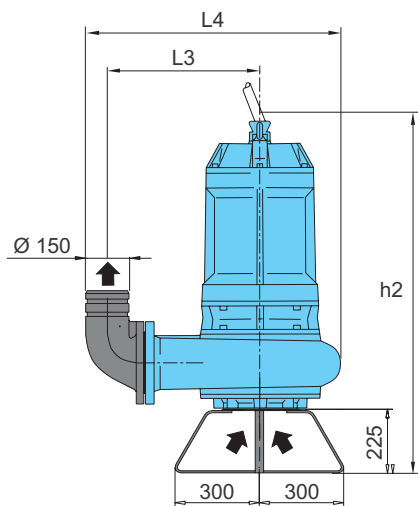
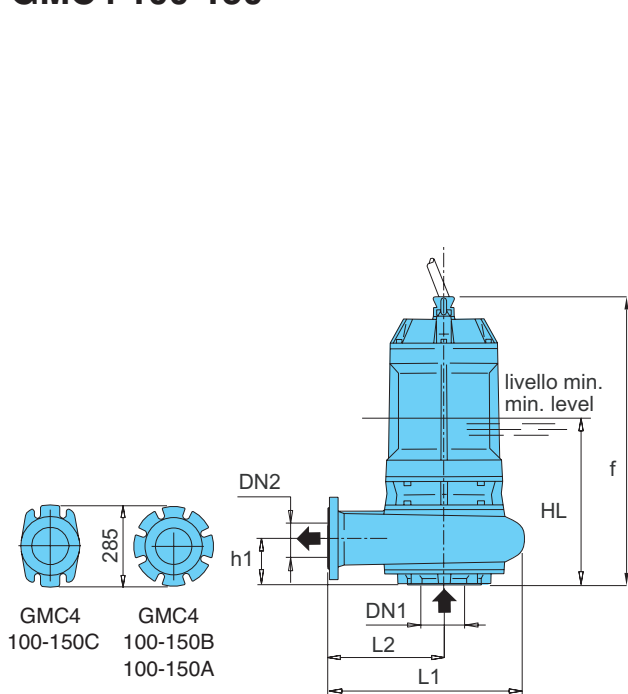


Versione con scivolo di accoppiamento
Version with duck foot coupling

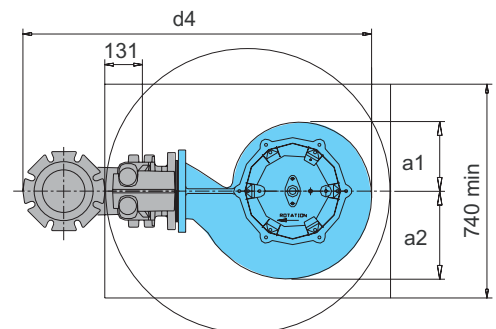
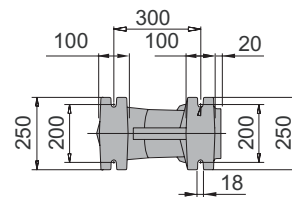
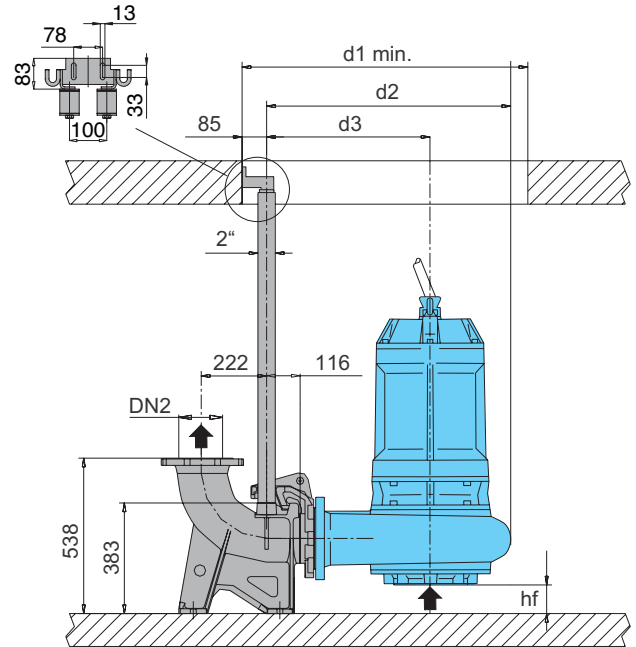
TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMC4 80-100B	125	100	597	420	62	138	747	180	231	850	673	466	973	507	300	390	647	117
GMC4 80-100A	125	100	808	520	54	147	958	189	212	800	640	445	940	474	279	369	614	161
GMC4 90-100B	125	100	890	570	54	147	1040	189	212	800	640	445	940	474	279	369	614	189
GMC4 90-100A																		

Dimensioni e pesi Dimensions and weights

GMC4 100-150



Versione con treppiede e curva 90°
Version with foot and 90° elbow



Versione con scivolo di accoppiamento
Version with duck foot coupling

TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMC4 100-150C	150	150	902	580	113	147	1124	191	223	850	673	467	1038	507	301	431	712	280
GMC4 100-150B	150	150	955	850	99	160	1177	235	305	990	846	566	1208	680	400	530	885	350
GMC4 100-150A																		

Esecuzione

Pompe sommergibili con girante multicanale.
Doppia tenuta meccanica con camera olio.
Bocca di mandata DN 65-80-100.

Impieghi

Per il movimento di acque cariche e luride grigliate. Particolarmente adatte allo svuotamento di liquami da pozzi neri o da serbatoi di prima raccolta o di acque industriali di rifiuto sostituiscono le pompe monocanale quando non è richiesto un elevato diametro di passaggio solidi.
Passaggio solidi da 30 e 40 mm.

Limiti d'impiego

Temperatura liquido fino a 40 °C.
Massima profondità di immersione: 20m (con cavo di adatta lunghezza)
Servizio continuo (con l'acqua al minimo livello di immersione)

Motore

Motore a induzione a 2 poli, 50Hz
Versione trifase: 400V ± 10%, fino a 3,1 kW
400/690V ± 10% oltre 3,1 kW
Classe di isolamento: H
Grado di protezione: IP 68
N° max. avviamenti ora: 15 a intervalli regolari
Cavo: H07RN8-F, lunghezza 10 m
Per altri modelli: contattate nostro uff.vendite

Materiali principali

Corpo pompa: ghisa EN-GJL-250
Girante: ghisa: ghisa EN-GJL-250+Ni
Cassa motore: ghisa EN-GJL-250
Coperchio motore: ghisa EN-GJL-250
Albero: acciaio al cromo AISI 420B
Tenuta meccanica lato motore: grafite/ceramica
Tenuta meccanica lato pompa: carburo di silicio /carburo di silicio

Construction

Submersible pumps with channel impellers.
Twin mechanical seal with oil chamber.
Delivery connection DN 65-80-100.

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 and 40 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).

Motor

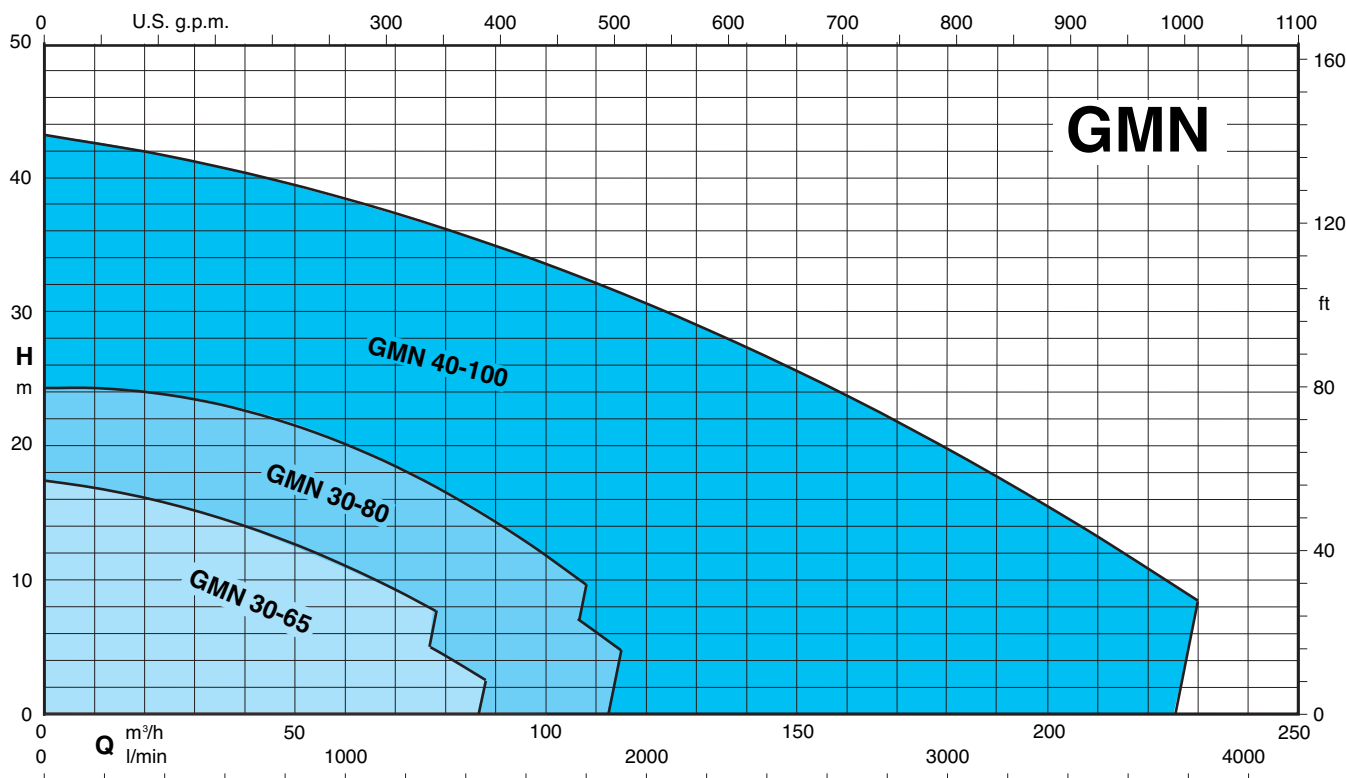
2 poles induction, 50Hz
Three-phase version: 400V ± 10%, up to 3,1 kW
400/690V ± 10%, over 3,1 kW
Insulation class: H
Protection degree: IP 68
N° of starting x hour: max 15 with regular intervals
Cable: H07RN8-F, length 10 m
Other models: contact our sale office

Main materials

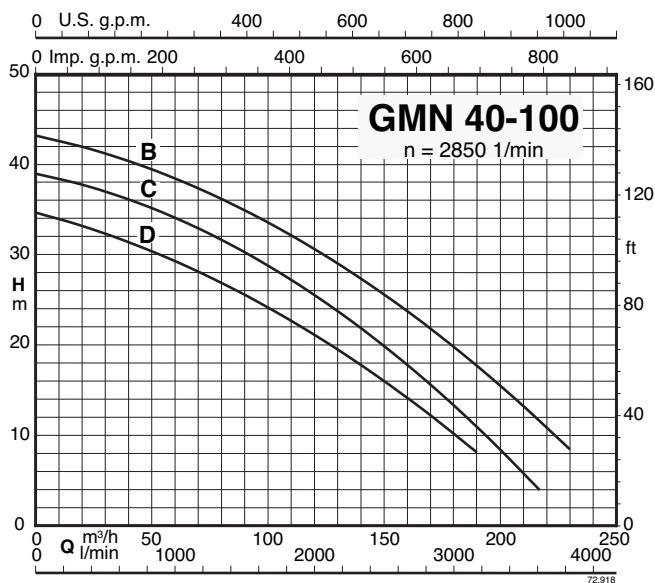
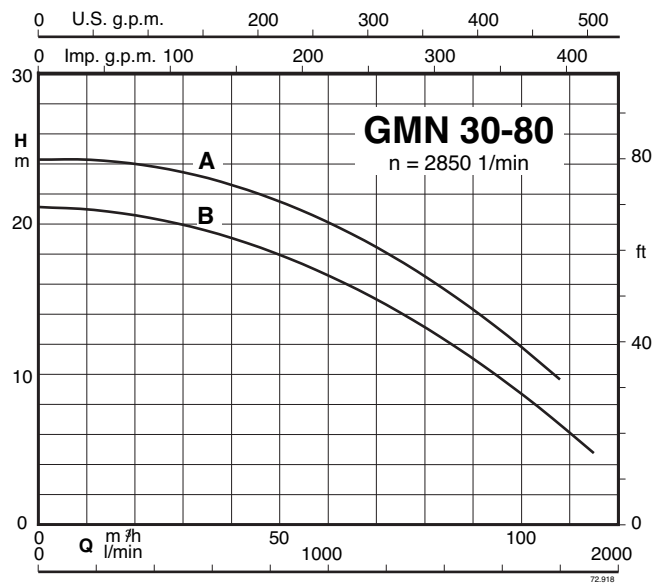
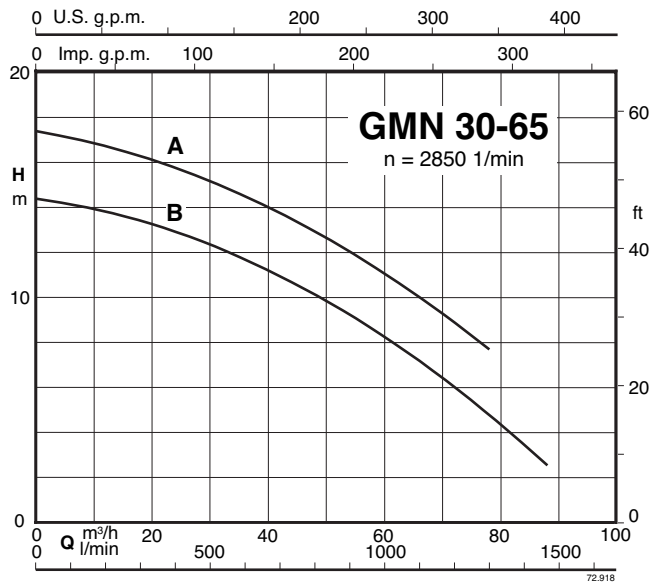
Pump casing: cast iron EN-GJL-250
Impeller: cast iron EN-GJL-250+Ni
Motor casing: cast iron EN-GJL-250
Motor cover: cast iron EN-GJL-250
Shaft: stainless steel AISI 420B
Mechanical seal motor side: graphite/ceramic
Mechanical seal pump side: silicon carbide/silicon carbide



Campo di applicazione - Coverage chart



Curve caratteristiche · Characteristic Curves

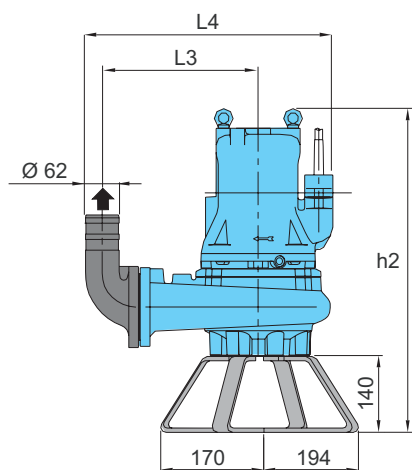
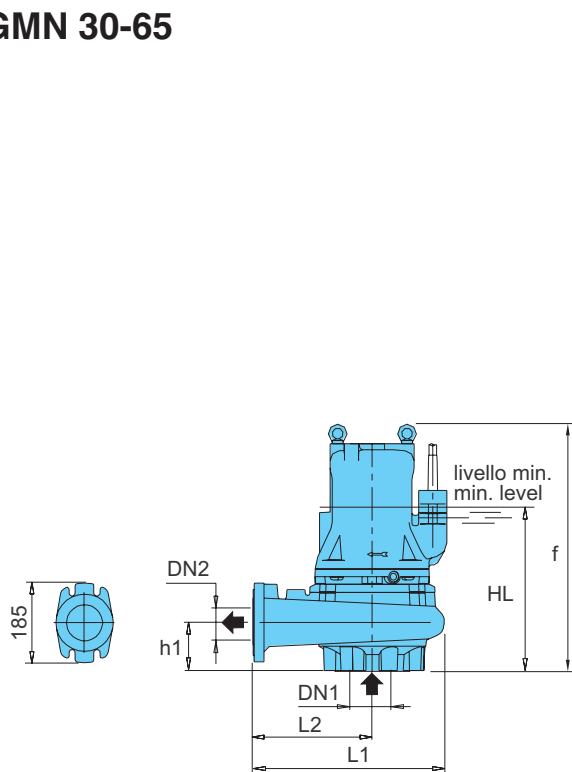


TIPO TYPE	P. Ass. Input P P1 kW	P. Nomin. Output P P2 kW	I Max Max I A	Alimentazione Power Supply	1/min r.p.m.	Avviamento Starting	DN mm	Pass. Libero Free Pass. Ø mm	Protezione termica Thermal sensor	Sonde controllo infiltrazioni Water probe	ATEX Eex
GMN 30-65B	2,8	2,3	6,2	3~ 230V	2850	D.O.L.	65	30	NO	NO	✓
GMN 30-65A	3,7	3,1	6,2	3~ 400V	2850	D.O.L.	65	30	NO	NO	✓
GMN 30-80B	5,2	4,4	13	3~ 400/690V	2850	Y/Δ	80	30	●	●	✓
GMN 30-80A	6,6	5,6	13	3~ 400/690V	2850	Y/Δ	80	30	●	●	✓
GMN 40-100D	13	11,3	30	3~ 400/690V	2850	Y/Δ	100	40	●	●	✓
GMN 40-100C	14,8	12,5	30	3~ 400/690V	2850	Y/Δ	100	40	●	●	✓
GMN 40-100B	17,5	15,2	35	3~ 400/690V	2850	Y/Δ	100	40	●	●	✓

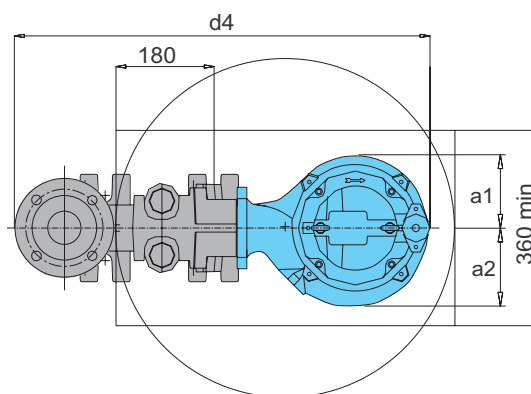
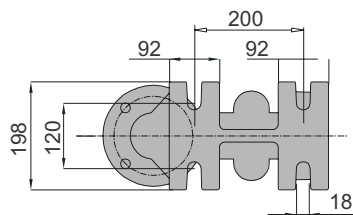
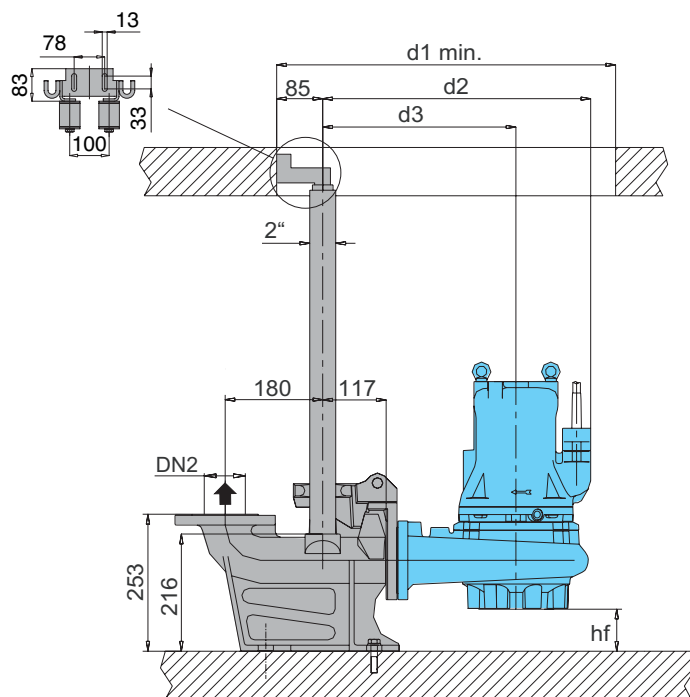
✓ ATEX Eex Versione a richiesta - Version on demand ● Standard

Dimensioni e pesi Dimensions and weights

GMN 30-65



Versione con treppiede e curva 90°
Version with foot and 90° elbow

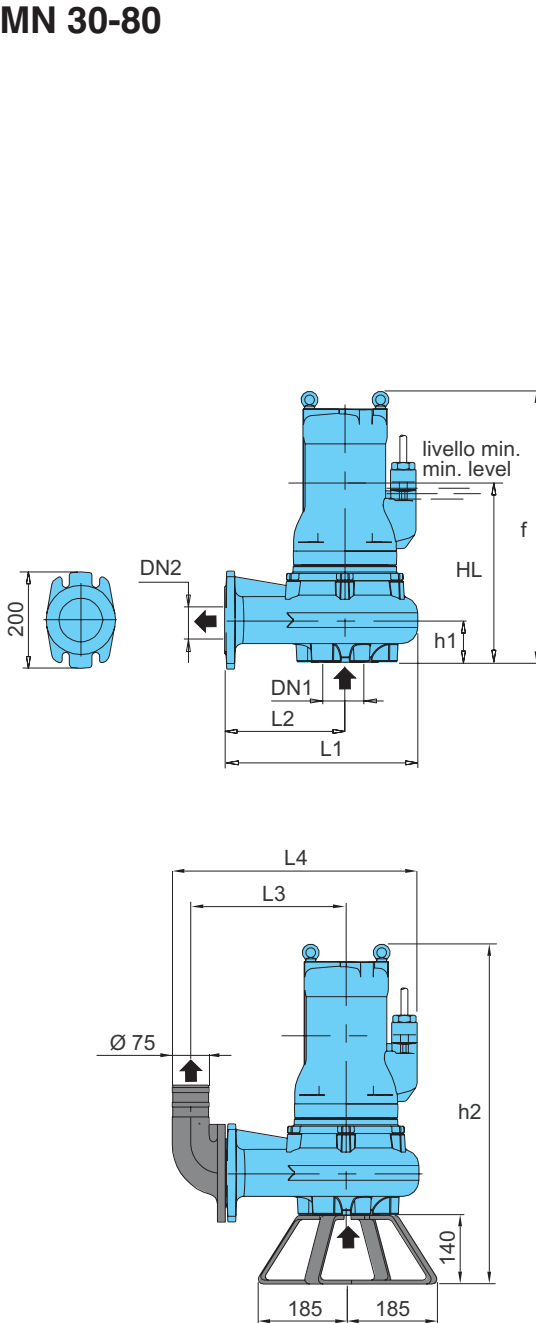


Versione con scivolo di accoppiamento
Version with duck foot coupling

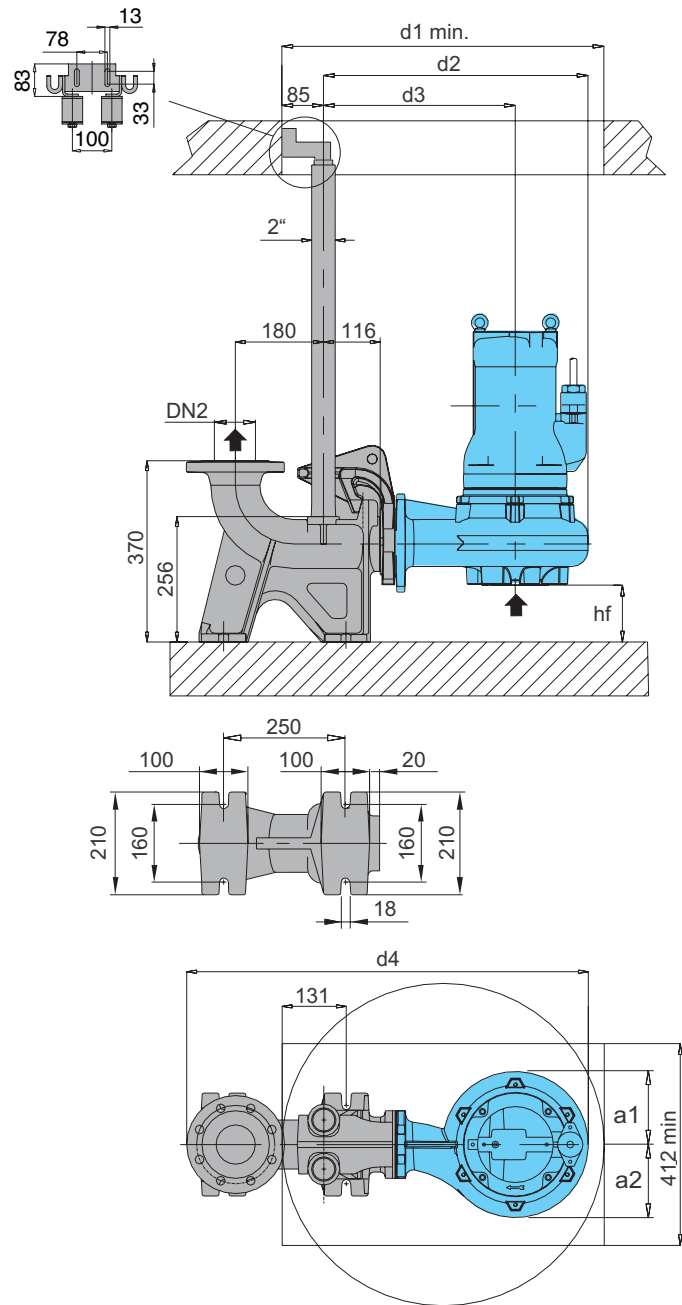
TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg		
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4	
GMN 30-65B	80	65	456	300	78	90	596	133	145	625	495	357	767	358	220	289	458	48	
GMN 30-65A																			

Dimensioni e pesi Dimensions and weights

GMN 30-80



Versione con treppiede e curva 90°
Version with foot and 90° elbow

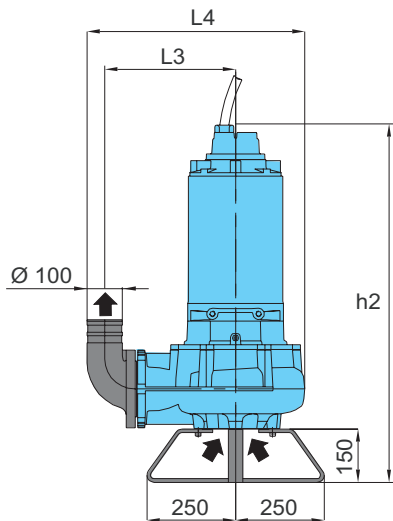
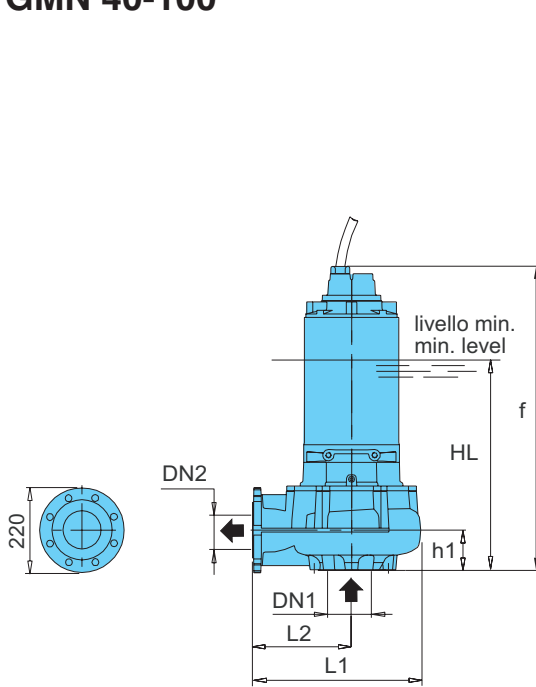


Versione con scivolo di accoppiamento
Version with duck foot coupling

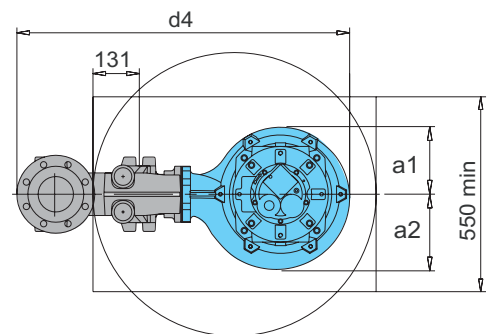
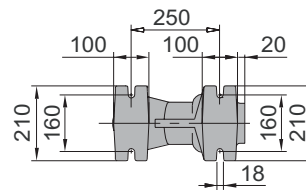
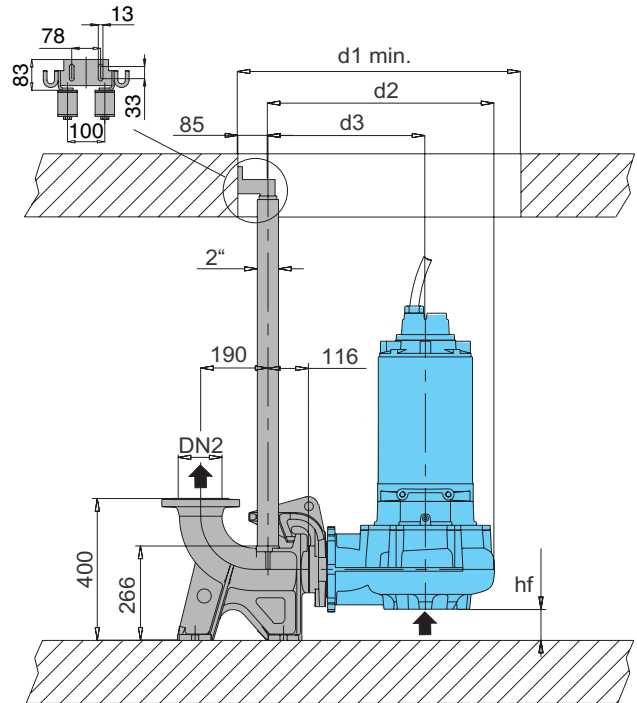
TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg		
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4	
GMN 30-80B	80	80	515	330	110	90	655	133	145	700	511	366	791	365	220	293	475	70	
GMN 30-80A																			

Dimensioni e pesi Dimensions and weights

GMN 40-100



Versione con treppiede e curva 90°
Version with foot and 90° elbow



Versione con scivolo di accoppiamento
Version with duck foot coupling

TIPO TYPE	EN 1092-2 PN 10		Dimensioni - Dimensions mm														Peso Weight kg	
	DN1	DN2	f	HL	hf	h1	h2	a1	a2	d1	d2	d3	d4	L1	L2	L3		L4
GMN 40-100D	125	100	814	480	127	73	964	168	184	750	628	441	928	462	275	365	602	190
GMN 40-100C																		
GMN 40-100B																		

Esecuzione

Pompe sommergibili con sistema tritratore ad alto potere di taglio.
 Doppia tenuta meccanica con camera d'olio (tenuta a labbro lato motore per potenze fino a 1,6 kW).
 Bocca di mandata DN 40.

Impieghi

Per movimentare acque contenenti materiali filamentosi lunghi, materiale cartaceo o tessile.
 Sono particolarmente adatte allo smaltimento di acque di scarico nell'uso domestico, residenziale e industriale.
 Passaggio solidi da 6 e 7 mm.

Limiti d'impiego

Temperatura liquido fino a 40 °C.
 Massima profondità di immersione: 20m (con cavo di adatta lunghezza).
 Servizio continuo (con l'acqua al minimo livello di immersione).

Motore

Motore a induzione a 2 poli, 50Hz
 Versione monofase: 230V ± 10%, completa di galleggiante e quadro di comando con protezione termica e condensatori di avviamento.
 Versione trifase: 400V ± 10%, fino a 2,7 kW
 400/690V ± 10% oltre 2,7 kW
 Classe di isolamento: H
 Grado di protezione: IP 68
 N° max. avviamenti ora: 15 a intervalli regolari
 Cavo: H07RN8-F, lunghezza 10 m
 Per altri modelli: contattate nostro ufficio vendite

Materiali principali

Corpo pompa: ghisa EN-GJL-250 - Girante: ghisa GS 400
 Cassa motore, Coperchio motore: ghisa EN-GJL-250
 Albero: acciaio al cromo AISI 420B
 Tenuta a labbro in nitrile fino a 1,6 kW
 Tenuta meccanica lato motore: grafite/ceramica oltre 1,6 kW
 Tenuta meccanica lato pompa: carburo di silicio /carburo di silicio



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).

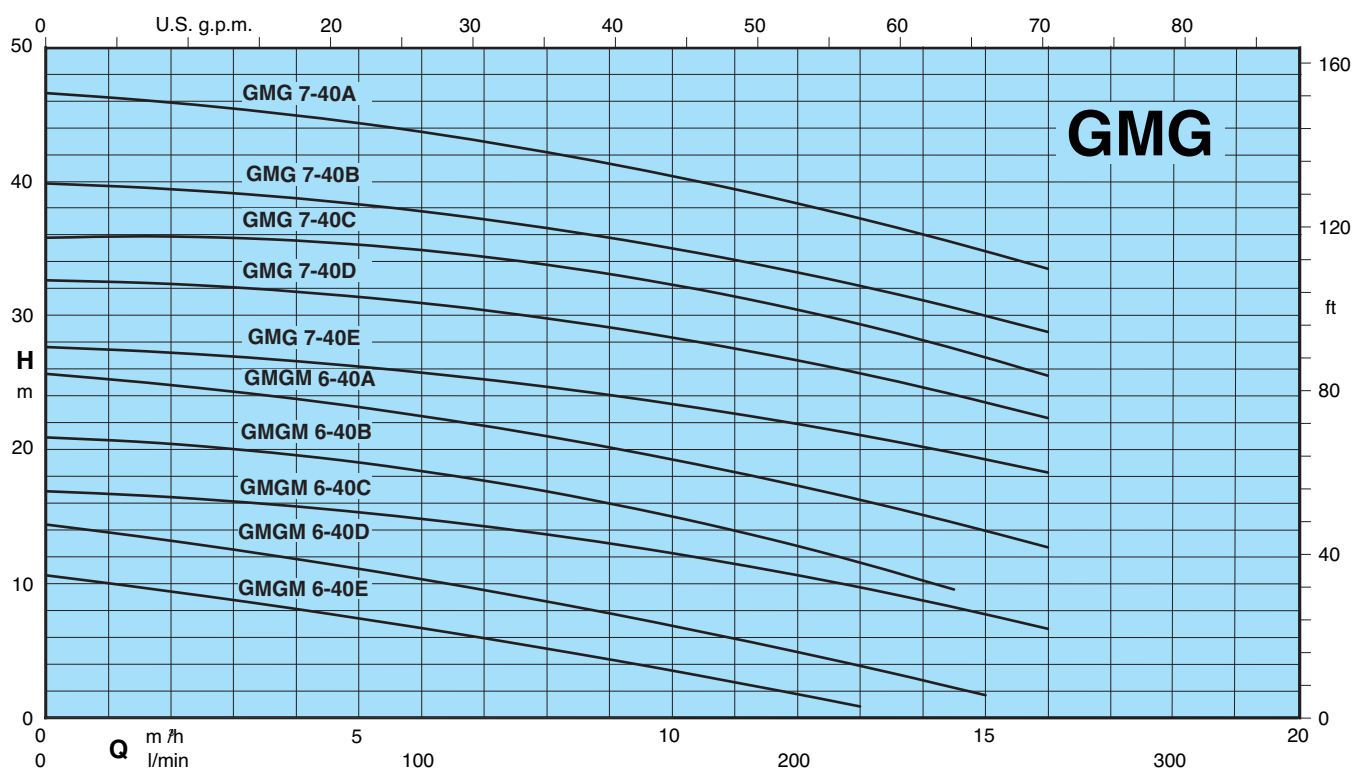
Motor

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 2,7 kW
 400/690V ± 10%, over 2,7 kW
 Insulation class: H
 Protection degree: IP 68
 N° of starting x hour: max 15 with regular intervals
 Cable: H07RN8-F, length 10 m
 Other models: contact our sale office

Main materials

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

Curve caratteristiche - Characteristic Curves

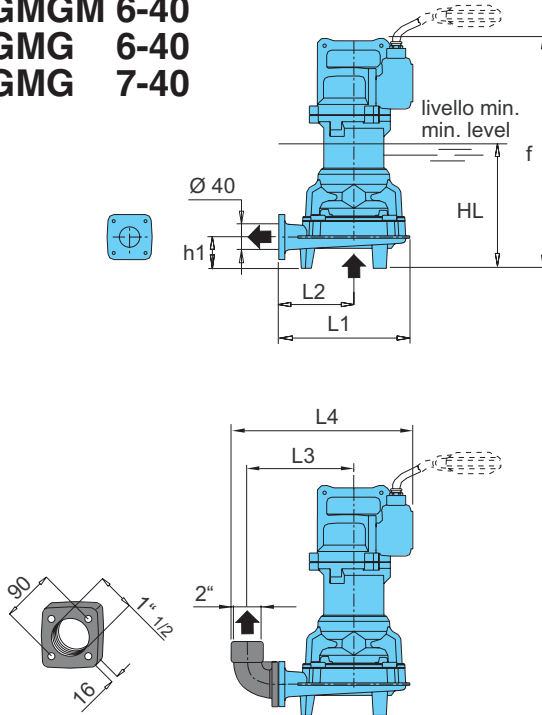


TIPO TYPE	P. Ass. Input P P ₁ kW	P. Nomin. Output P P ₂ kW	I Max Max I A	Alimentazione Power Supply	1/min r.p.m.	Avviamento Starting	DN mm	Pass. Libero Free Pass. Ø mm	Protezione termica Thermal sensor	Sonde controllo infiltrazioni Water probe	ATEX Eex
GMGM 6-40E	0,9	0,6	7,6	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMGM 6-40D	1,2	0,8	7,6	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMGM 6-40C	1,4	0,9	7,6	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMGM 6-40B	1,5	1,1	7,6	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMG 6-40B	1,5	1,2	5	3~ 400V	2850	D.O.L.	40	6	NO	NO	✓
GMGM 6-40A	2	1,4	13,4	1~ 230V	2850	D.O.L.	40	6	●	NO	
GMG 6-40A	2	1,6	5	3~ 400V	2850	D.O.L.	40	6	NO	NO	✓
GMG 7-40E	2,5	2,2	6,2	3~ 400V	2850	D.O.L.	40	7	NO	NO	✓
GMG 7-40D	3,2	2,7	6,2	3~ 400V	2850	D.O.L.	40	7	NO	NO	✓
GMG 7-40C	3,8	3,2	13	3~ 400/690V	2850	Y/Δ	40	7	●	●	✓
GMG 7-40B	4,2	3,5	13	3~ 400/690V	2850	Y/Δ	40	7	●	●	✓
GMG 7-40A	4,9	4,1	13	3~ 400/690V	2850	Y/Δ	40	7	●	●	✓

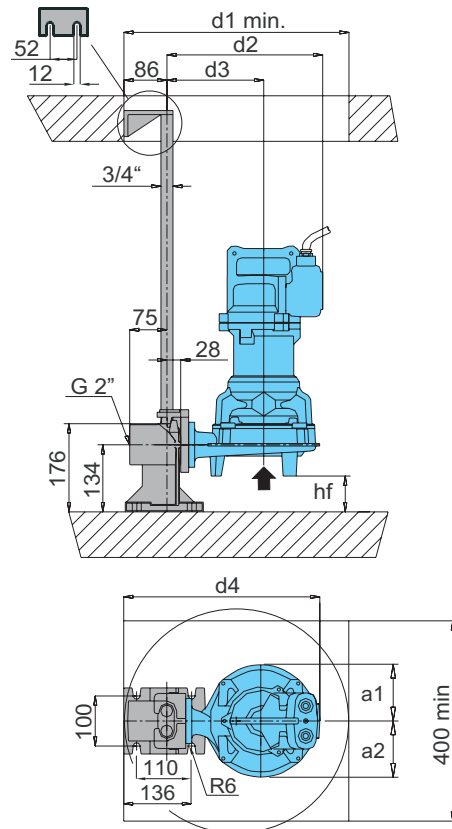
✓ ATEX Eex Versione a richiesta - Version on demand ● Standard

Dimensioni e pesi Dimensions and weights

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



Versione con flangetta filettata e curva 90°
Version with threaded flange and 90° elbow



Versione con scivolo di accoppiamento
Version with duck foot coupling

TIPO TYPE	Dimensioni - Dimensions															Peso Weight kg
	Ø1	f	HL	hf	h1	a1	a2	d1	d2	d3	d4	L1	L2	L3	L4	
GMGM 6-40E	40	460	240	71	63	112	112	450	312	194	392	268	150	212	262	40
GMGM 6-40D																
GMGM 6-40C																
GMGM 6-40B																
GMG 6-40B																
GMGM 6-40A																
GMG 6-40A																
GMG 7-40E	40	458	315	10	124	121	121	450	327	189	413	288	150	230	405	45
GMG 7-40D																
GMG 7-40C																
GMG 7-40B																
GMG 7-40A	40	517	336	10	124	121	121	450	334	189	420	295	150	230	412	60

Esecuzione

Pompe sommergibili in acciaio inox **AISI 316**.
I-GMV con girante arretrata (a vortice)
I-GMC con girante monocanale
I-GMN con girante multicanale
 Doppia tenuta meccanica in camera d'olio (tenuta a labbro lato motore per potenze fino 2 kW).
 Bocca di mandata DN 50-65-80

Impieghi

Per liquidi aggressivi e corrosivi particolarmente adatta per lo scarico di acque industriali, di processo e di residui di impianti chimici.
 Passaggio solidi da 40 e 50 mm

Limiti d'impiego

Temperatura liquido fino a 40 °C.
 Massima profondità di immersione: 20m (con cavo di adatta lunghezza)
 Servizio continuo (con l'acqua al minimo livello di immersione)

Motore

Motore a induzione a 2 poli, 50Hz
 Versione trifase: 400V ± 10%, fino a 3,1 kW
 400/690V ± 10% oltre 3,1 kW
 Classe di isolamento: H
 Grado di protezione: IP 68
 N° max. avviamenti ora: 15 a intervalli regolari
 Cavo: H07RN-F, lunghezza 10 m
 Per altri modelli: contattate nostro uff.vendite

Materiali principali

Corpo pompa, cassa motore, supporti, girante: acciaio inossidabile AISI 316
 Albero: acciaio inossidabile AISI 316L
 Viteria: acciaio inossidabile AISI 316
 Tenuta a labbro in nitrile fino a 2 kW
 Tenuta meccanica lato motore: grafite/ceramica/FPM oltre 2 kW.
 Tenuta meccanica lato pompa: carburo di silicio /carburo di silicio/FPM



Construction

Submersible pumps constructed in **AISI 316** stainless steel.
I-GMV with free-flow (vortex) impeller
I-GMC with single-channel impeller
I-GMN with channel impeller
 Twin mechanical seal with oil chamber (lip-seal motor side up to 2 kW).
 Delivery connection DN 50-65-80

Applications

Suitable to pump aggressive and corrosive liquids, particularly to drain waste water in industrial and chemical process plants.
 Solid passage from 40 and 50 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).

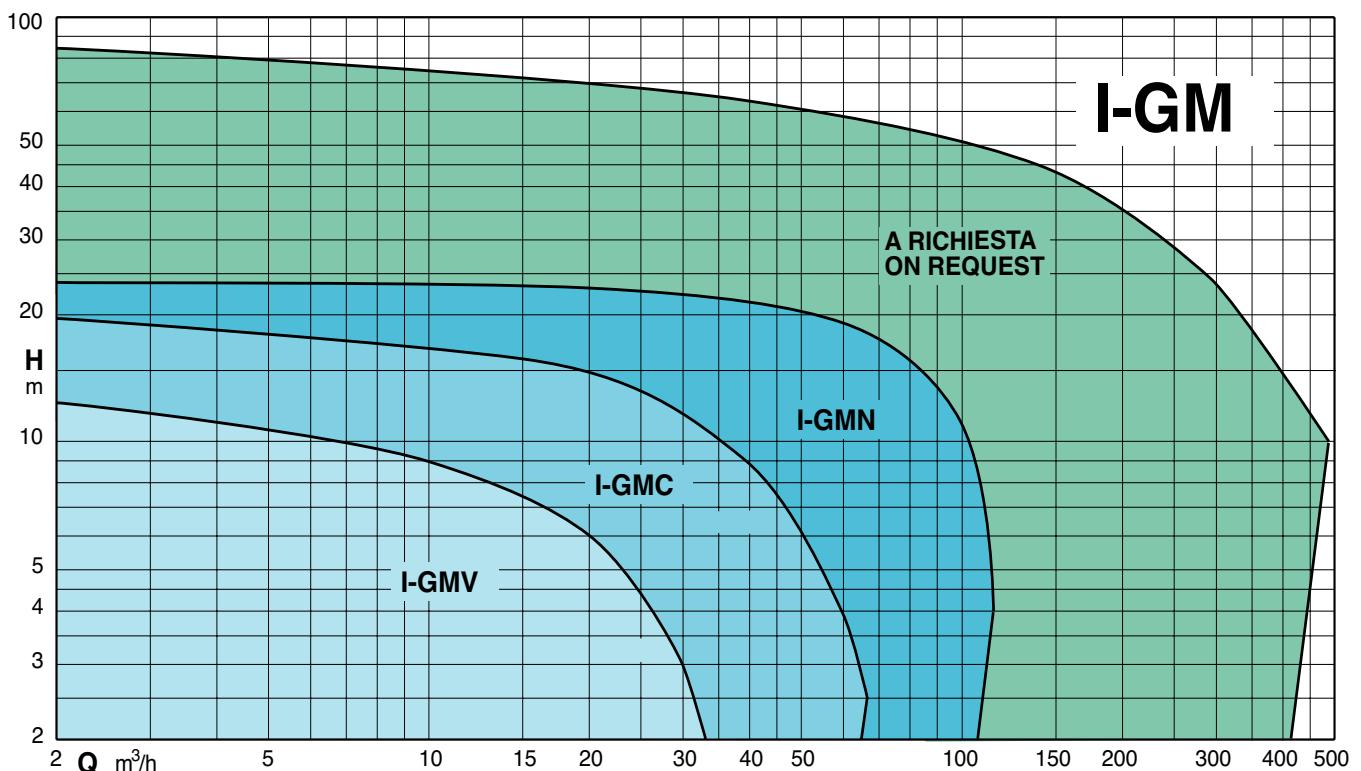
Motor

2 poles induction, 50Hz
 Three-phase version: 400V ± 10%, up to 3,1 kW
 400/690V ± 10%, over 3,1 kW
 Insulation class: H
 Protection degree: IP 68
 N° of starting x hour: max 15 with regular intervals
 Cable: H07RN8-F, length 10 m
 Other models: contact our sale office

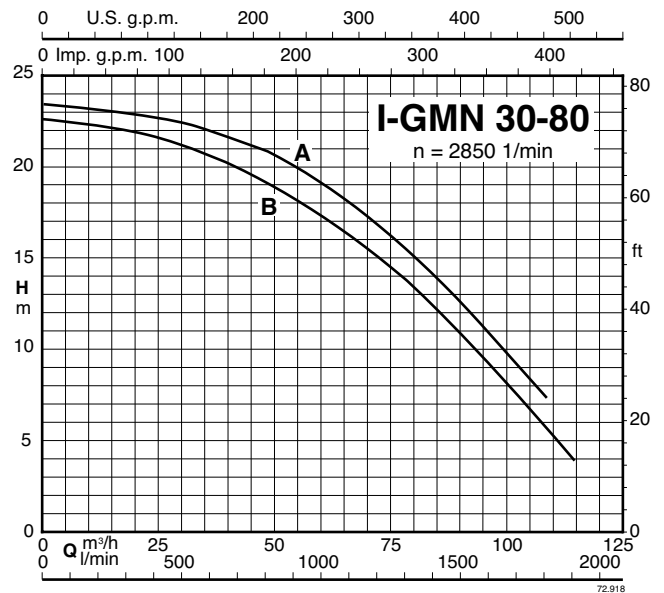
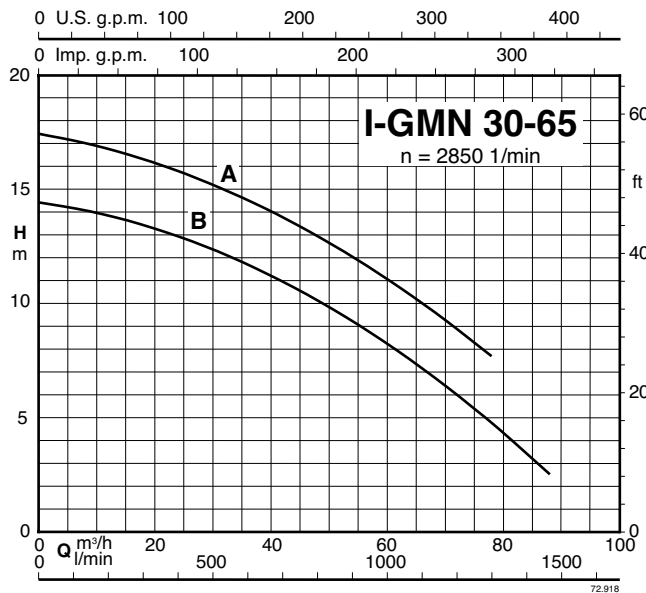
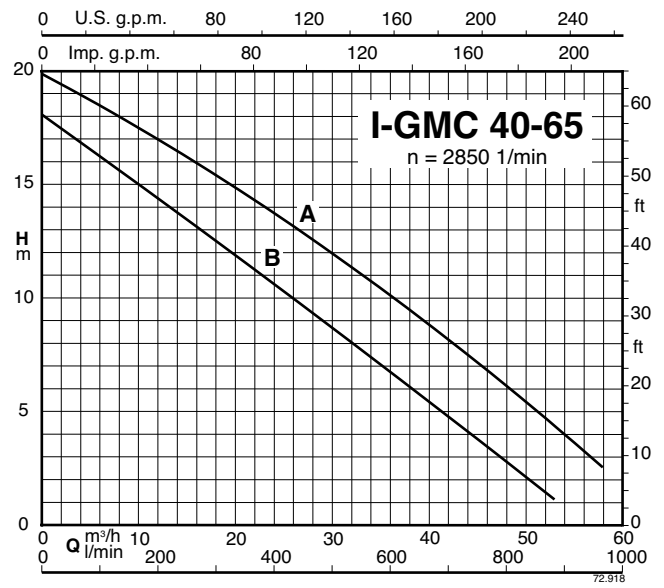
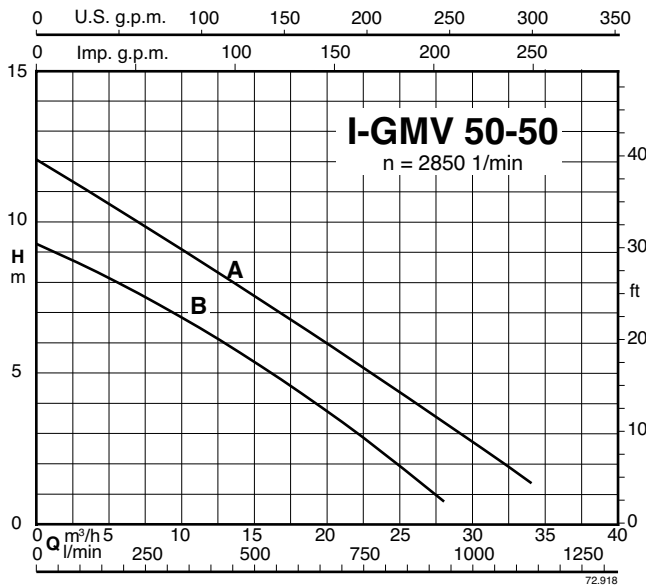
Main materials

Pump casing, motor casing, motor cover, impeller: stainless steel AISI 316
 Shaft: stainless steel AISI 316L
 Screws: stainless steel AISI 316
 Lip seal made of nitrile up to 2 kW
 Mechanical seal motor side: graphite/ceramic/FPM to 2 kW
 Mechanical seal pump side: silicon carbide/silicon carbide/FPM

Campo di applicazione - Coverage chart



Curve caratteristiche · Characteristic Curves



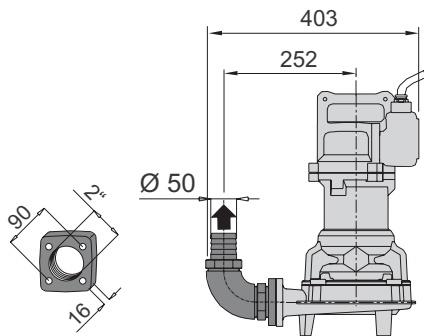
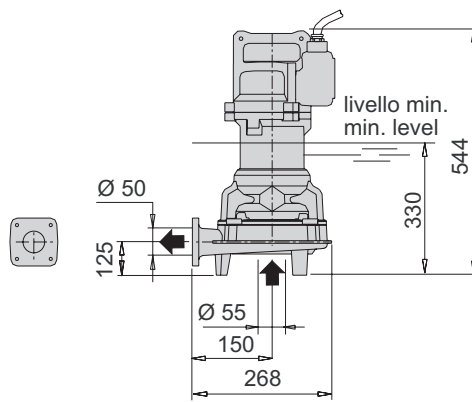
TIPO TYPE	P. Ass. Input P P ₁ kW	P. Nomin. Output P P ₂ kW	I Max Max I A	Alimentazione Power Supply	1/min r.p.m.	Avviamento Starting	DN mm	Pass. Libero Free Pass. Ø mm	Protezione termica Thermal sensor	Sonde controllo infiltrazioni Water probe	ATEX Eex
I-GMV 50-50B	1	0,7	3,2	3~ 400V	2850	D.O.L.	DN 50	50	NO	NO	✓
I-GMV 50-50A	1,5	1,2	5	3~ 400V	2850	D.O.L.	DN 50	50	NO	NO	✓
I-GMC 40-65B	2,2	1,8	5	3~ 400V	2850	D.O.L.	DN 65	40	NO	NO	✓
I-GMC 40-65A	2,5	2	5	3~ 400V	2850	D.O.L.	DN 65	40	NO	NO	✓
I-GMN 30-65B	2,8	2,3	6,2	3~ 400V	2850	D.O.L.	DN 65	30	NO	NO	✓
I-GMN 30-65A	3,7	3,1	6,2	3~ 400V	2850	D.O.L.	DN 65	30	NO	NO	✓
I-GMN 30-80B	6	5	13	3~ 400/690V	2850	Y/Δ	DN 80	30	●	●	✓
I-GMN 30-80A	6,6	5,5	13	3~ 400/690V	2850	Y/Δ	DN 80	30	●	●	✓

✓ ATEX Eex Versione a richiesta - Version on demand ● Standard

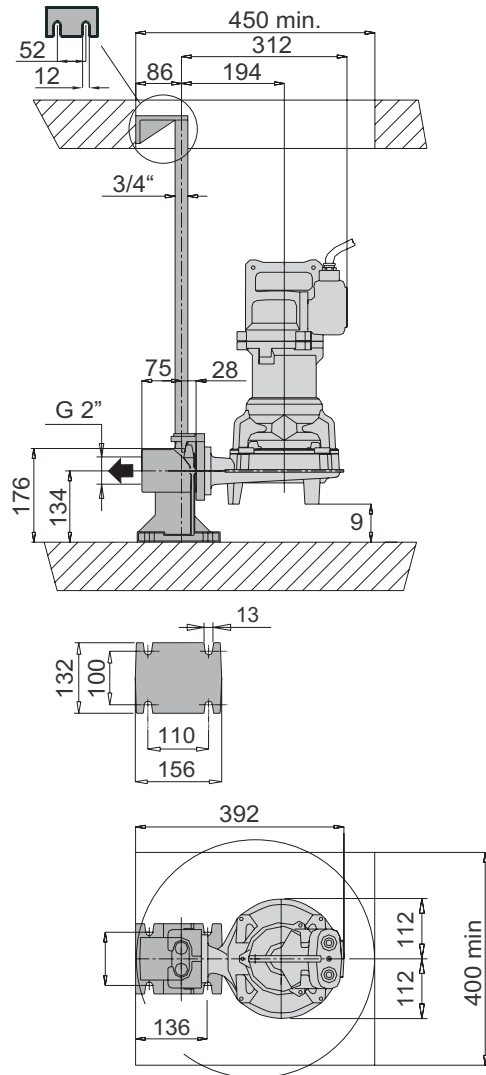
Dimensioni e pesi
Dimensions and weights

I-GMV 50-50B
I-GMV 50-50A

Peso
Weight kg 44



Versione con flangetta filettata e curva 90°
Version with threaded flange and 90° elbow

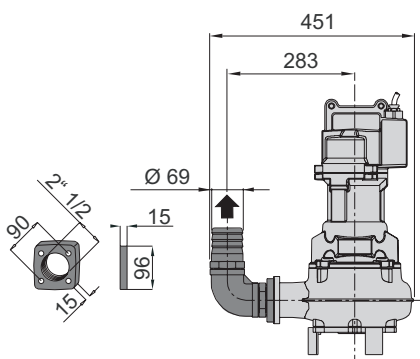
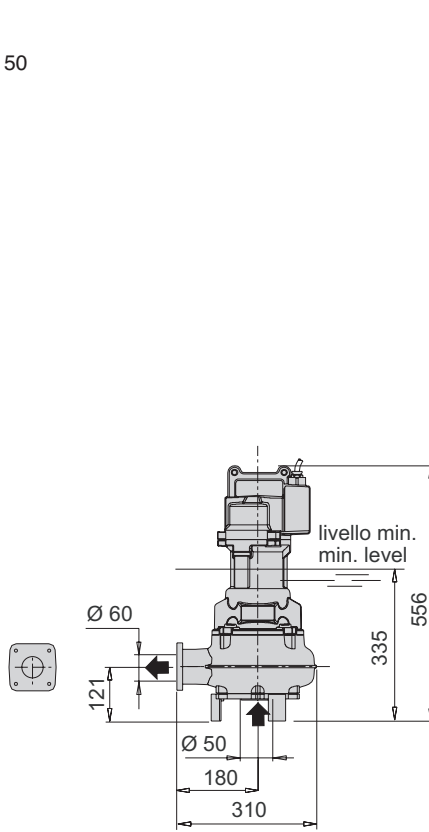


Versione con scivolo di accoppiamento
Version with duck foot coupling

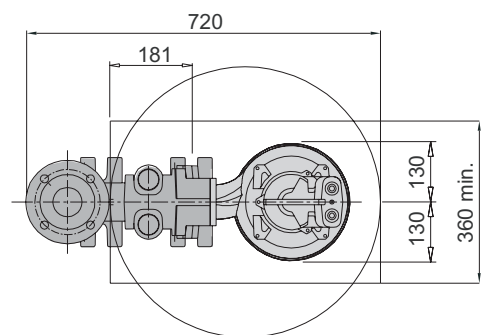
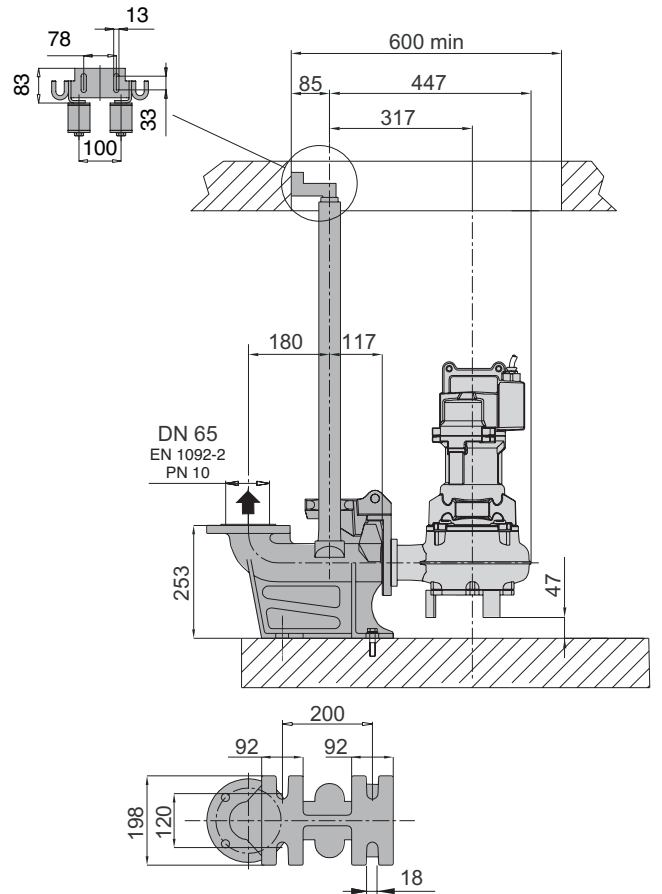
Dimensioni e pesi Dimensions and weights

I-GMC 40-65B I-GMC 40-65A

Peso
Weight kg 50



Versione con flangetta filettata e curva 90°
Version with threaded flange and 90° elbow

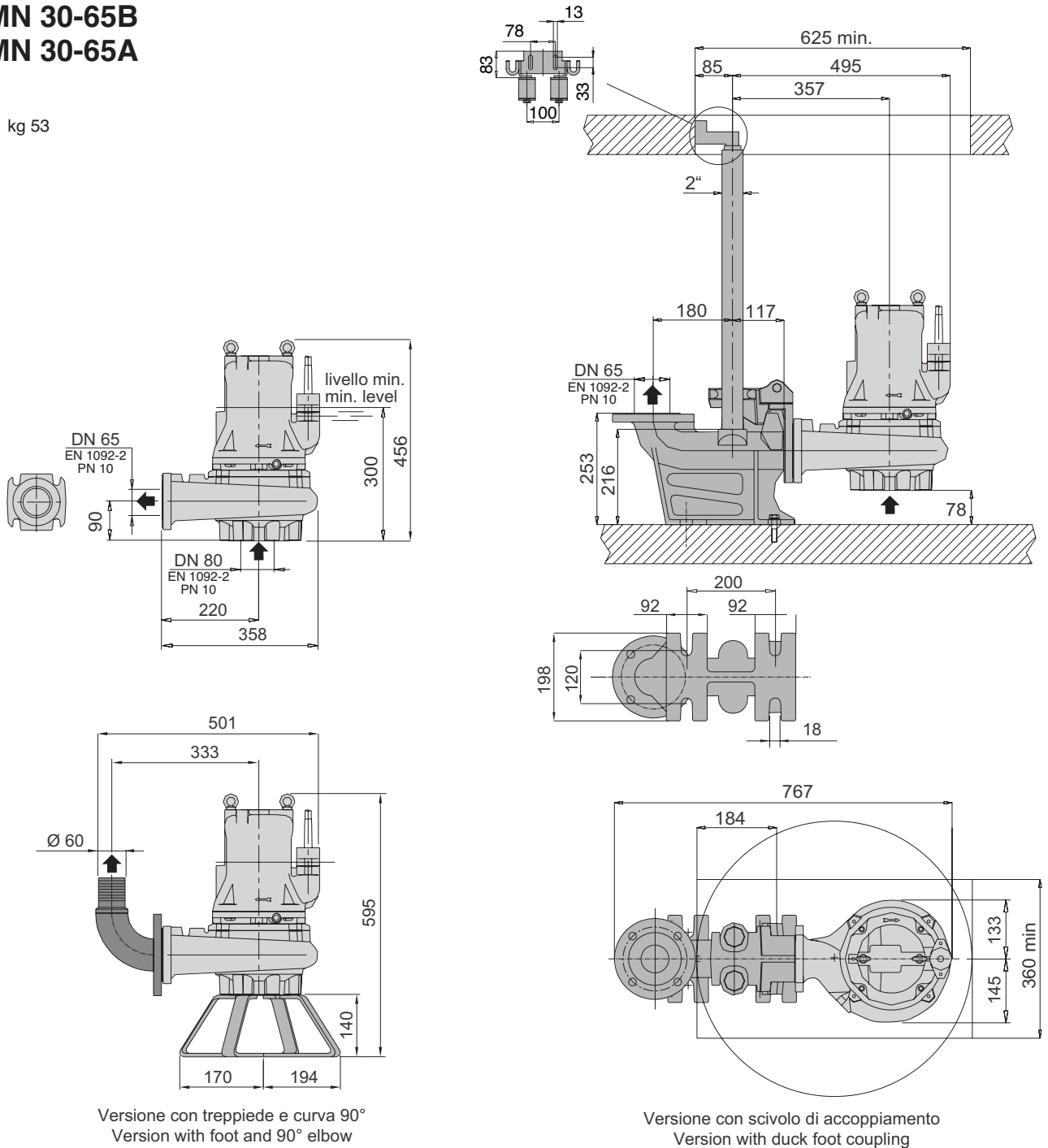


Versione con scivolo di accoppiamento
Version with duck foot coupling

Dimensioni e pesi
Dimensions and weights

I-GMN 30-65B
I-GMN 30-65A

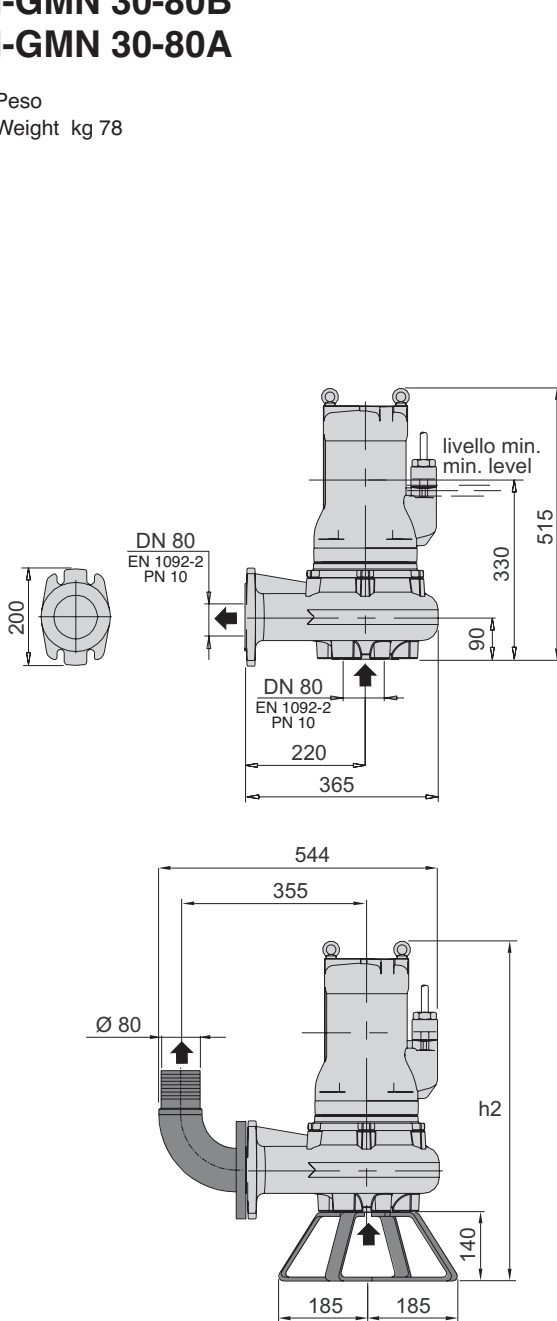
Peso
Weight kg 53



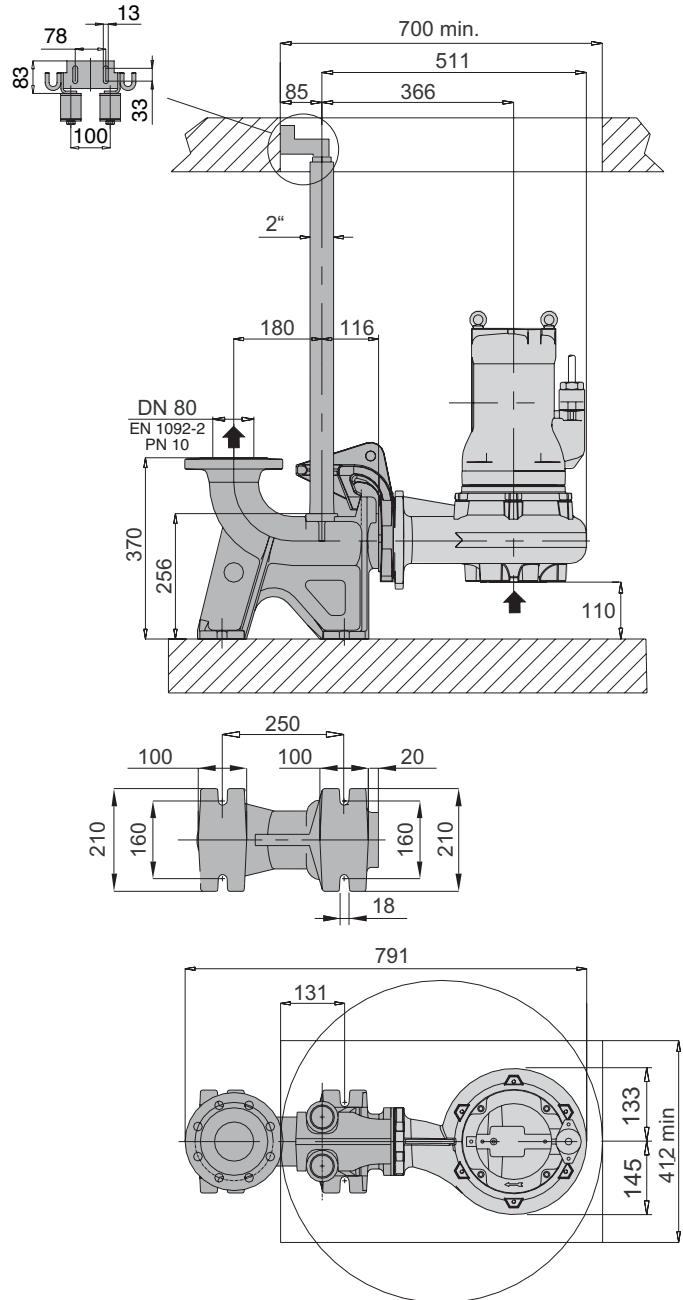
Dimensioni e pesi
Dimensions and weights

I-GMN 30-80B
I-GMN 30-80A

Peso
Weight kg 78



Versione con treppiede e curva 90°
Version with foot and 90° elbow



Versione con scivolo di accoppiamento
Version with duck foot coupling

Esecuzione

Pompe sommergibili in **bronzo marino B 10**.
B-GMV con girante arretrata (a vortice)
B-GMC con girante monocanale
B-GMN con girante multicanale
 Doppia tenuta meccanica in camera d'olio (tenuta a labbro lato motore per potenze fino a 2 kW).
 Bocca di mandata DN 50-65-80

Impieghi

Per la movimentazione di acque industriali, di processo e nel settore marino e alimentare.
 Passaggio solidi da 40 e 50 mm

Limiti d'impiego

Temperatura liquido fino a 40 °C.
 Massima profondità di immersione: 20m (con cavo di adatta lunghezza)
 Servizio continuo (con l'acqua al minimo livello di immersione)

Motore

Motore a induzione a 2 poli, 50Hz
 Versione trifase: 400V ± 10%, fino a 3,1 kW
 400/690V ± 10% oltre 3,1 kW
 Classe di isolamento: H
 Grado di protezione: IP 68
 N° max. avviamenti ora: 15 a intervalli regolari
 Cavo: H07RN-F, lunghezza 10 m
 Per altri modelli: contattate nostro uff.vendite

Materiali principali

Corpo pompa, corpo motore, supporti: bronzo marino B 10
 Girante: acciaio inossidabile AISI 316
 Albero motore: acciaio inossidabile AISI 316L
 Viteria: acciaio inossidabile AISI 316
 Tenuta a labbro in nitrile fino a 2 kW
 Tenuta meccanica lato motore: grafite/ceramica oltre 2 kW
 Tenuta meccanica lato pompa: carburo di silicio/carburo di silicio

Construction

Submersible pumps, **B 10 bronze marine** version.
B-GMV with free-flow (vortex) impeller
B-GMC with single-channel impeller
B-GMN with channels impeller
 Twin mechanical seal with oil chamber (lip-seal motor side up to 2 kW).
 Delivery connection DN 50-65-80

Applications

Suitable to pump industrial waste water in chemical, and process industries, agricultural and marine areas.
 Solid passage from 40 and 50 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).

Motor

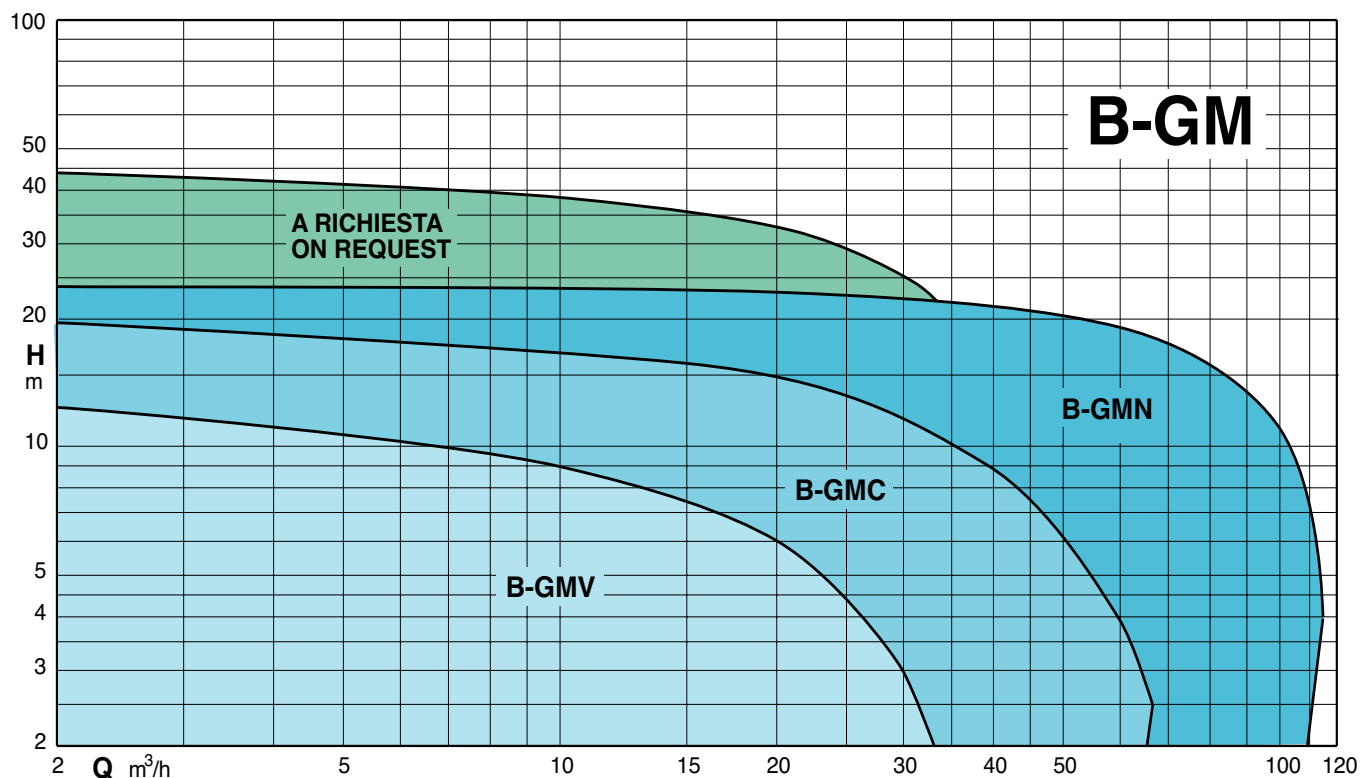
2 poles induction, 50Hz
 Three-phase version: 400V ± 10%, up to 3,1 kW
 400/690V ± 10%, over 3,1 kW
 Insulation class: H
 Protection degree: IP 68
 N° of starting x hour: max 15 with regular intervals
 Cable: H07RN8-F, length 10 m
 Other models: contact our sale office

Main materials

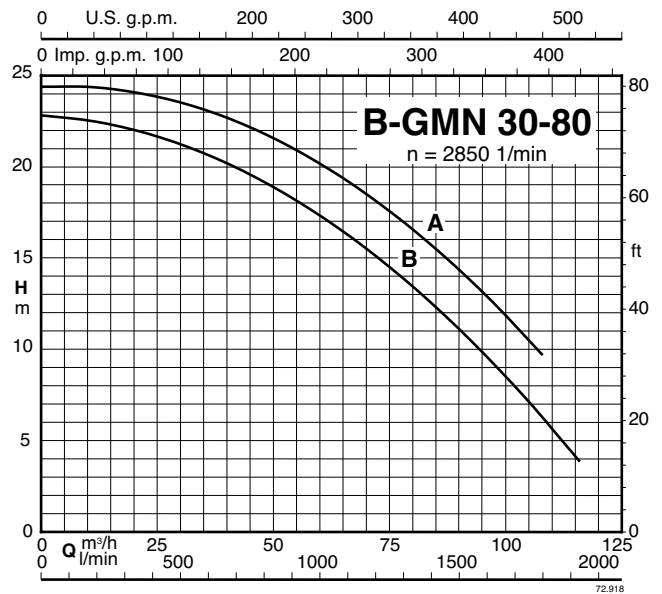
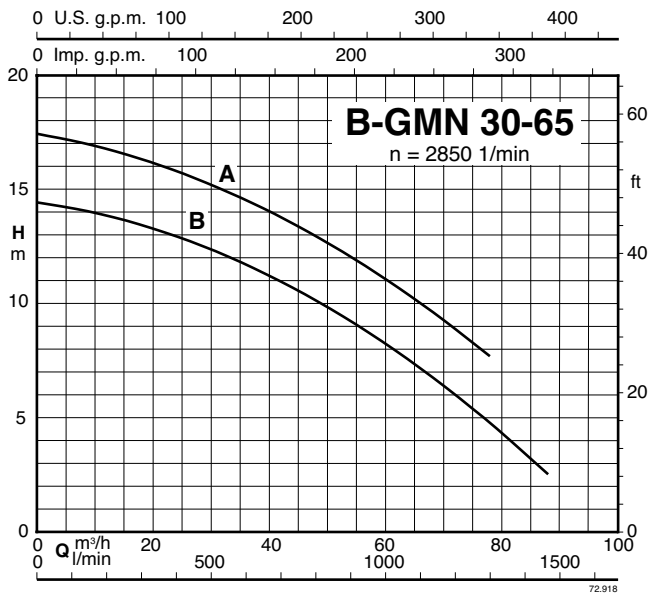
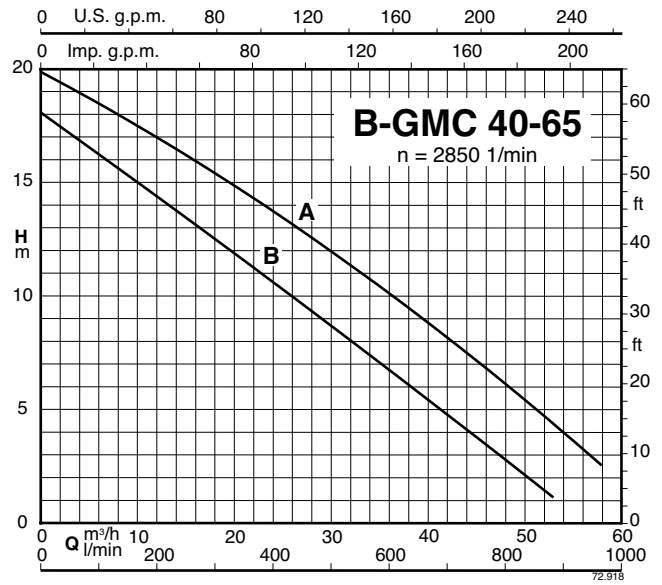
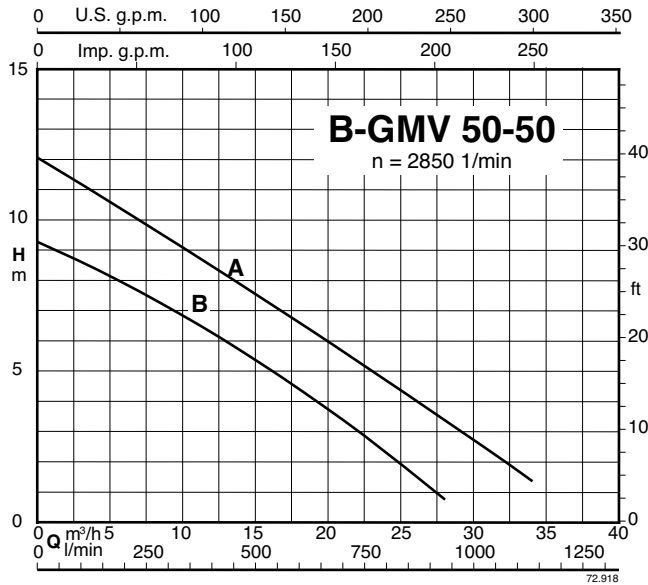
Pump casing, Motor casing, Motor cover: B 10 bronze marine
 Impeller: stainless steel AISI 316
 Motor shaft: stainless steel AISI 316L
 Screws: stainless steel AISI 316
 Lip seal made of nitrile up to 2 kW
 Mechanical seal motor side: graphite/ceramic to 2 kW
 Mechanical seal pump side: silicon carbide/silicon carbide



Campo di applicazione - Coverage chart



Curve caratteristiche · Characteristic Curves



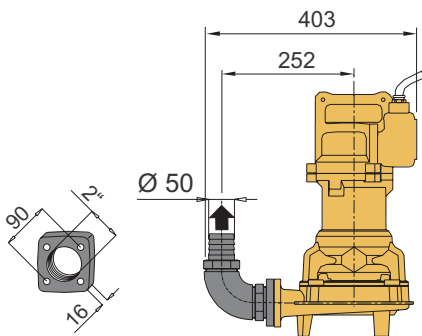
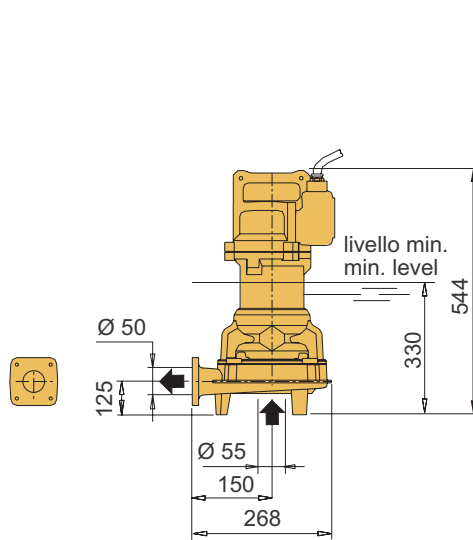
TIPO TYPE	P. Ass. Input P P ₁ kW	P. Nomin. Output P P ₂ kW	I Max Max I A	Alimentazione Power Supply	1/min r.p.m.	Avviamento Starting	DN mm	Pass. Libero Free Pass. Ø mm	Protezione termica Thermal sensor	Sonde controllo infiltrazioni Water probe	ATEX Eex
B-GMV 50-50B	1	0,7	3,2	3~ 400V	2850	D.O.L.	DN 50	50	NO	NO	✓
B-GMV 50-50A	1,5	1,2	5	3~ 400V	2850	D.O.L.	DN 50	50	NO	NO	✓
B-GMC 40-65B	2,2	1,8	5	3~ 400V	2850	D.O.L.	DN 65	40	NO	NO	✓
B-GMC 40-65A	2,5	2	5	3~ 400V	2850	D.O.L.	DN 65	40	NO	NO	✓
B-GMN 30-65B	2,8	2,3	6,2	3~ 400V	2850	D.O.L.	DN 65	30	NO	NO	✓
B-GMN 30-65A	3,7	3,1	6,2	3~ 400V	2850	D.O.L.	DN 65	30	NO	NO	✓
B-GMN 30-80B	6	5	13	3~ 400/690V	2850	Y/Δ	DN 80	30	●	●	✓
B-GMN 30-80A	6,6	5,6	13	3~ 400/690V	2850	Y/Δ	DN 80	30	●	●	✓

✓ ATEX Eex Versione a richiesta - Version on demand ● Standard

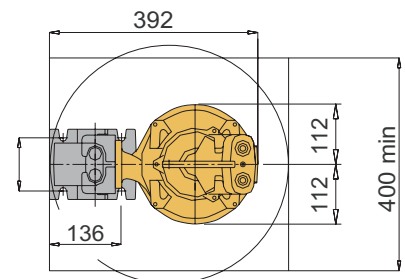
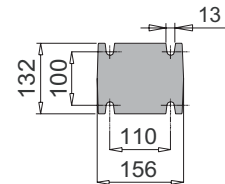
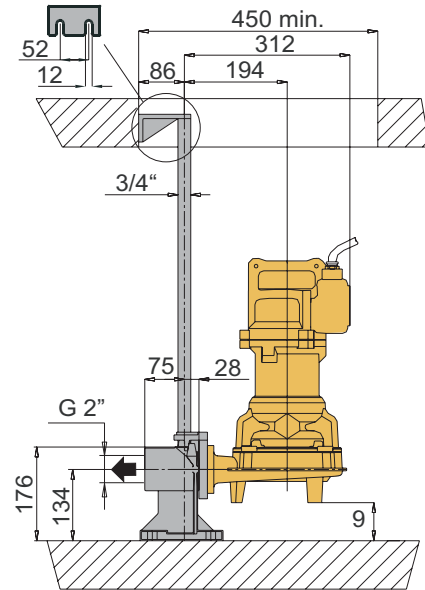
Dimensioni e pesi
Dimensions and weights

B-GMV 50-50B
B-GMV 50-50A

Peso
Weight kg 48



Versione con flangetta filettata e curva 90°
Version with threaded flange and 90° elbow

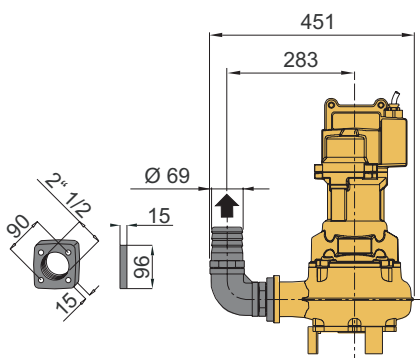
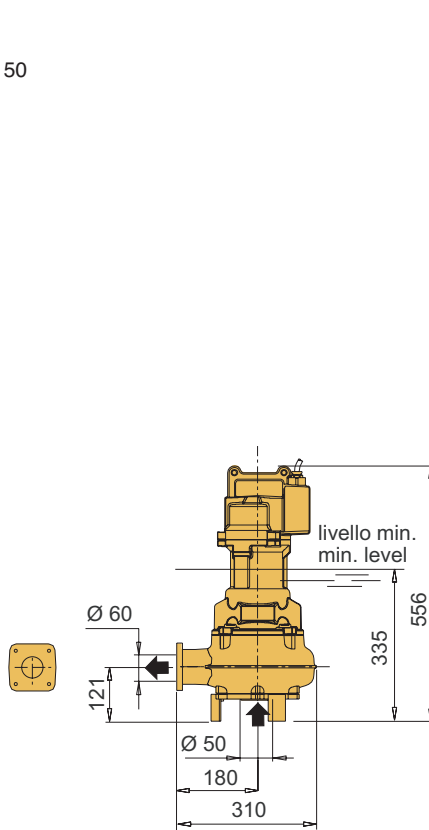


Versione con scivolo di accoppiamento
Version with duck foot coupling

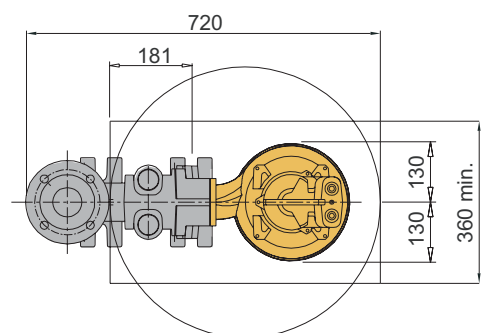
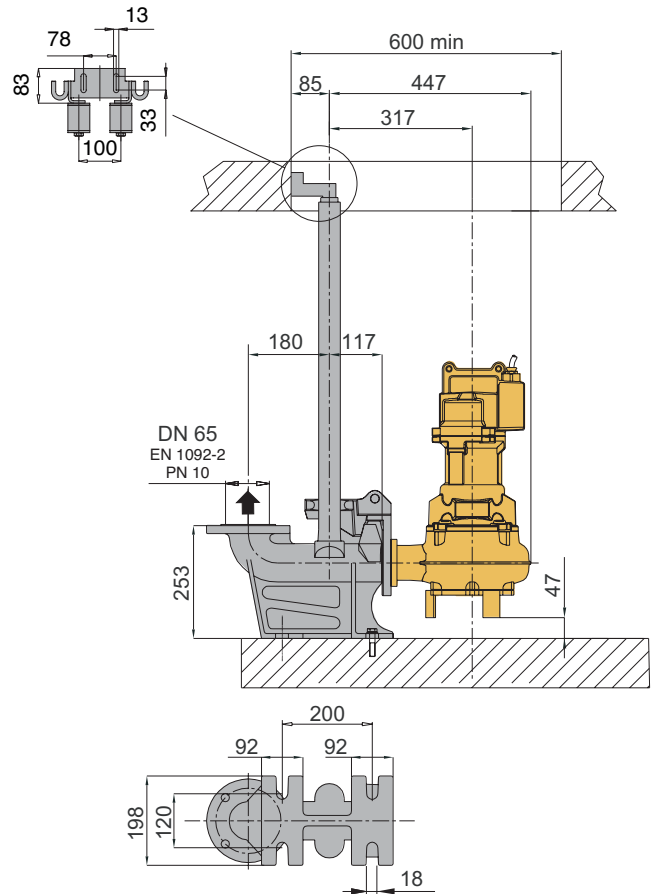
Dimensioni e pesi Dimensions and weights

B-GMC 40-65B B-GMC 40-65A

Peso
Weight kg 50



Versione con flangetta filettata e curva 90°
Version with threaded flange and 90° elbow

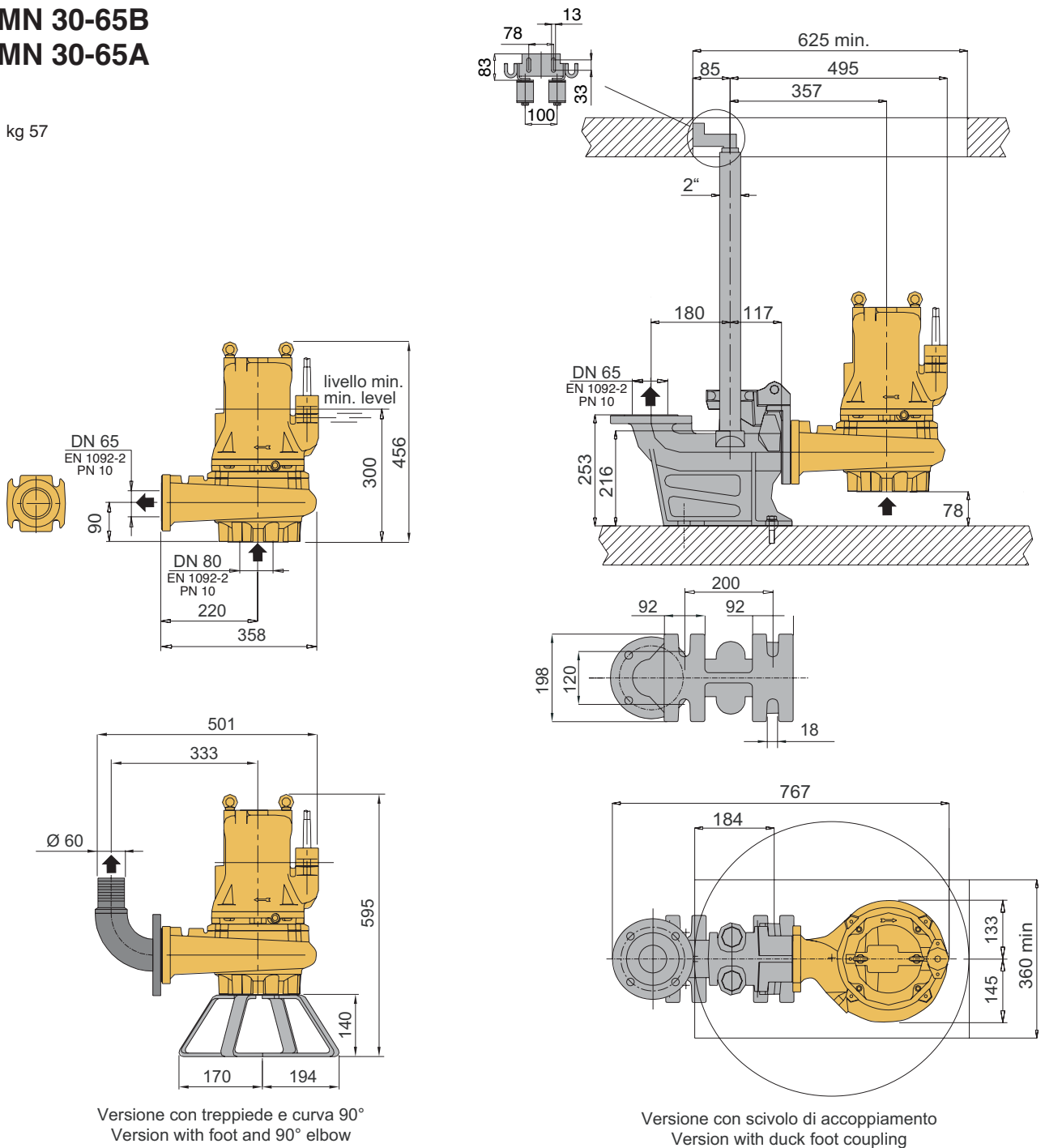


Versione con scivolo di accoppiamento
Version with duck foot coupling

Dimensioni e pesi
Dimensions and weights

B-GMN 30-65B
B-GMN 30-65A

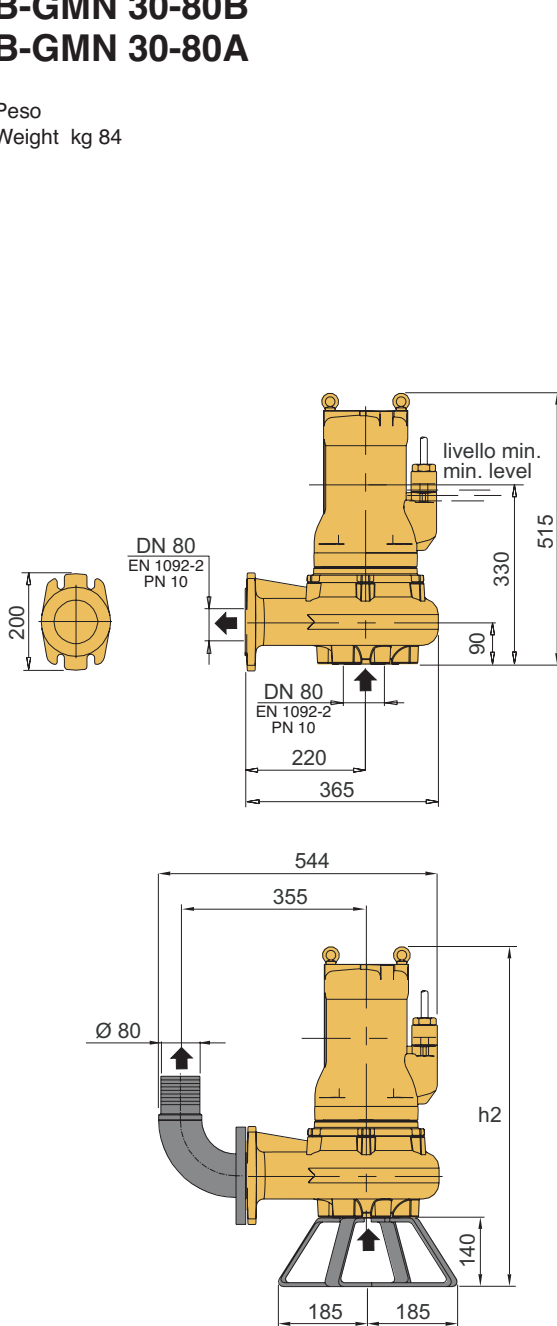
Peso
Weight kg 57



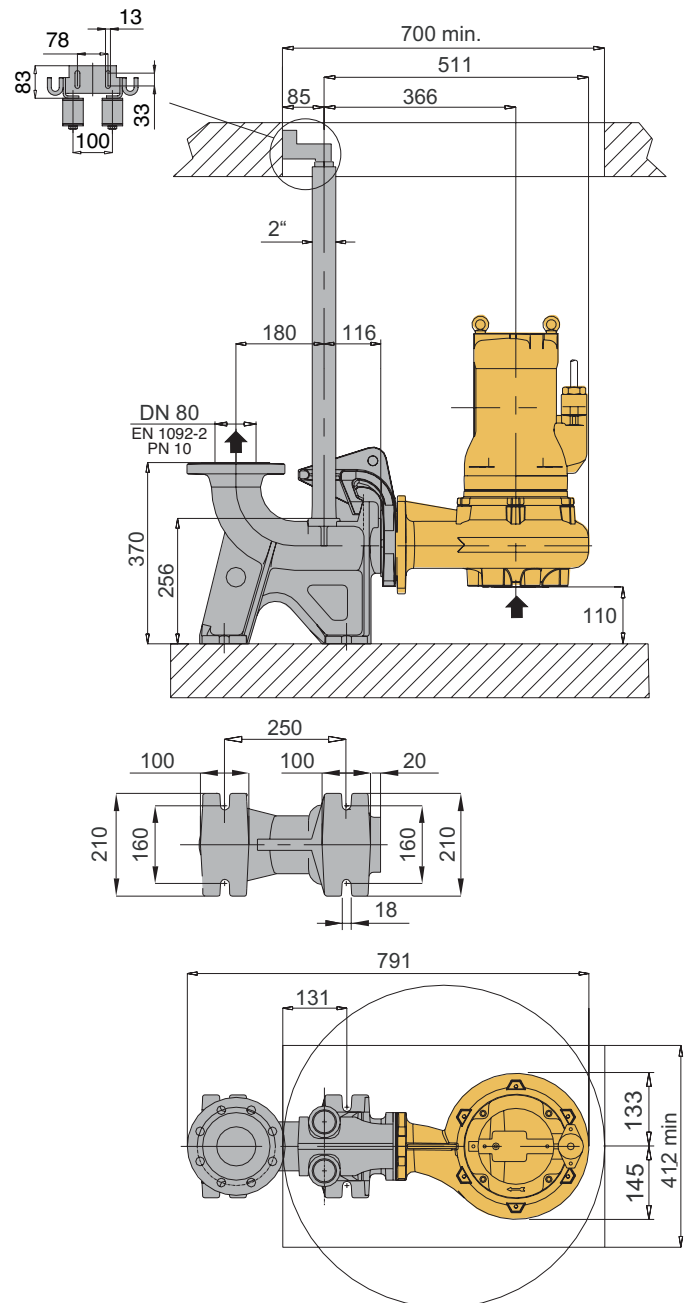
Dimensioni e pesi
Dimensions and weights

B-GMN 30-80B
B-GMN 30-80A

Peso
Weight kg 84

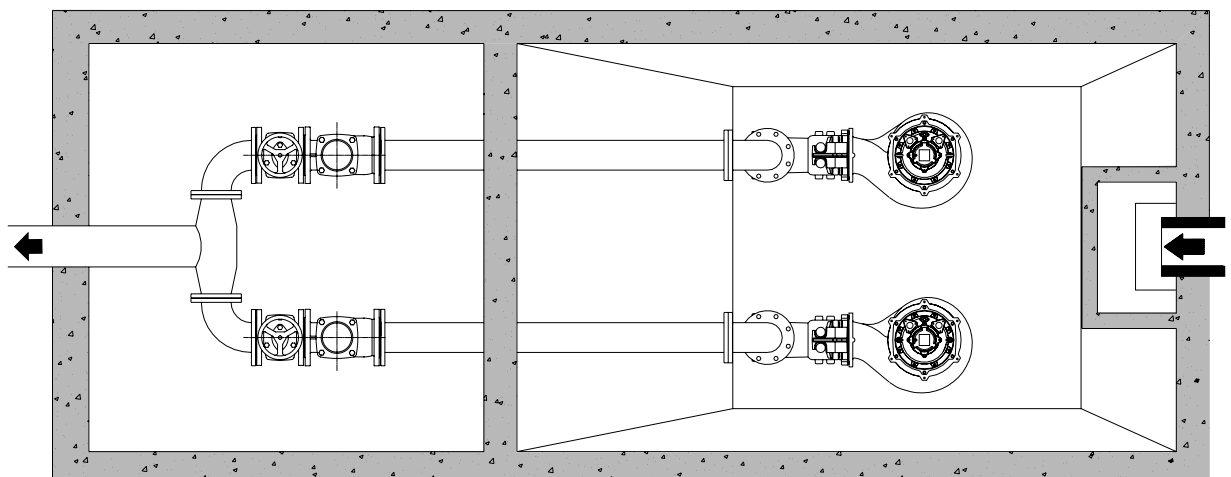
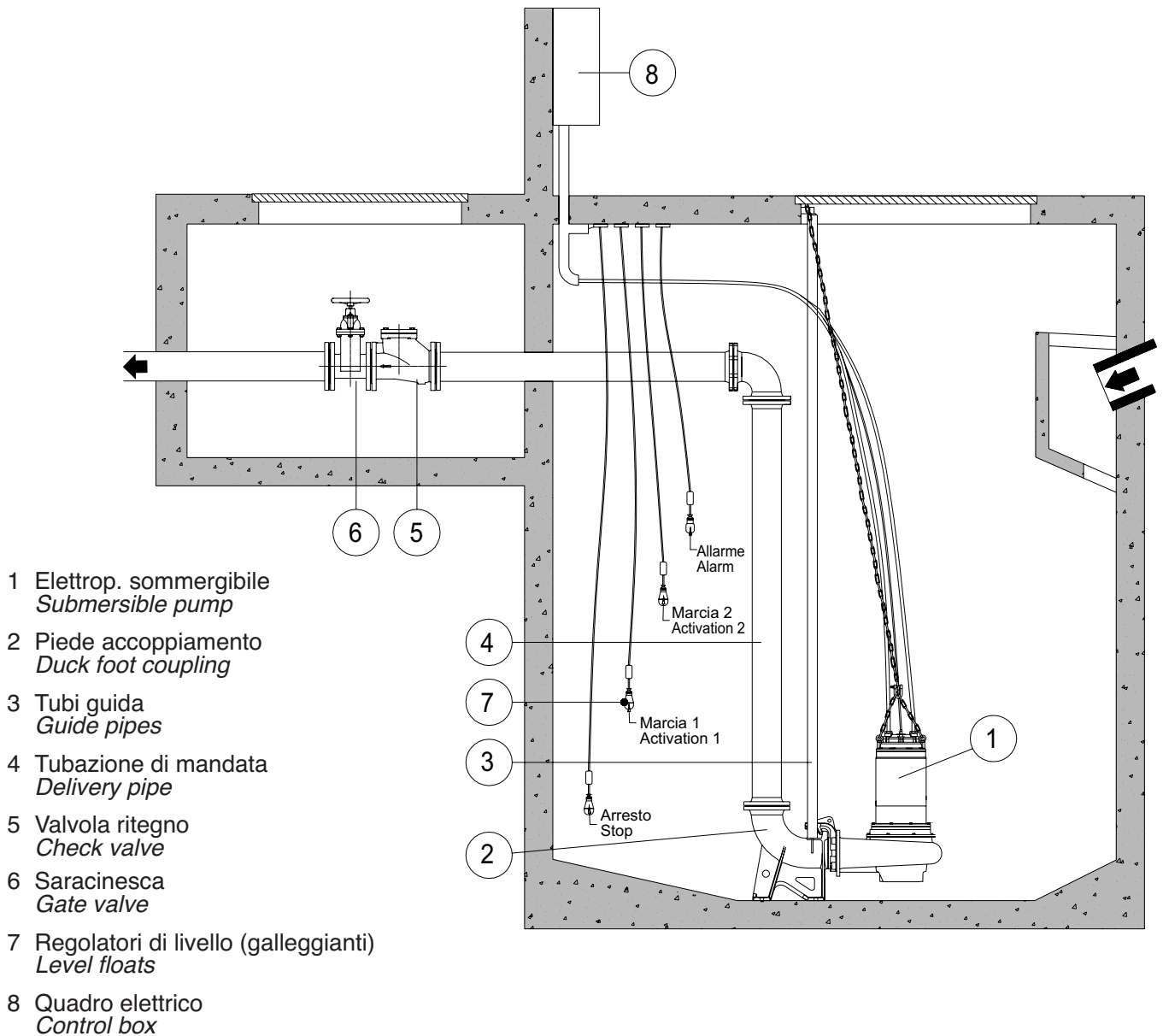


Versione con treppiede e curva 90°
Version with foot and 90° elbow



Versione con scivolo di accoppiamento
Version with duck foot coupling

Esempio di installazione con piede di accoppiamento Installation with duck foot coupling



Valvole di non ritorno a palla

Costruzione

Valvole di non ritorno a palla, autopulente, per liquidi carichi, viscosi, acque usate.

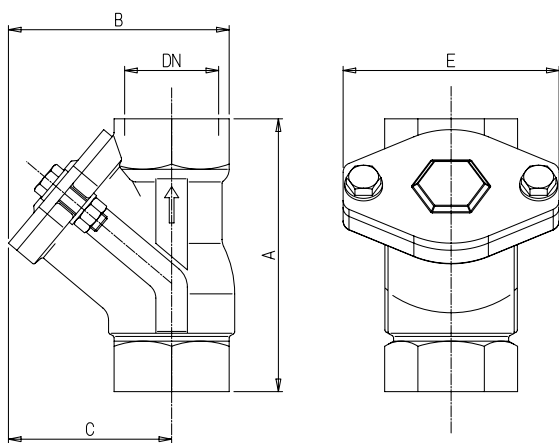
Limiti d'impiego

Temperatura di lavoro da -10 °C a +80 °C.
Pressione nominale 10 bar.
Installazione verticale o orizzontale.

Materiali

Corpo valvola: ghisa EN-GJL-250
Coperchio: ghisa EN-GJL-250
Palla: resina per VNRP filettate
resina + NBR per VNRP DN 50-100
ghisa + NBR per VNRP DN 125-250

Viti: acciaio inossidabile AISI 304
Guarnizione: NBR



Dimensioni - Dimensions

TIPO TYPE	DN mm	mm				Peso Weight kg
		A	B	C	E	
VNRP 1 1/4	1" 1/4	132	111	83	108	28
VNRP 1 1/2	1" 1/2	145	122	90	120	57
VNRP 2	2"	173	145	110	135	78
VNRP 2 1/2	2" 1/2	200	175	130	155	111

Non-return ball valves

Construction

Non-return self-cleaning ball valves, suitable for dirty and viscous liquids, sewage water.

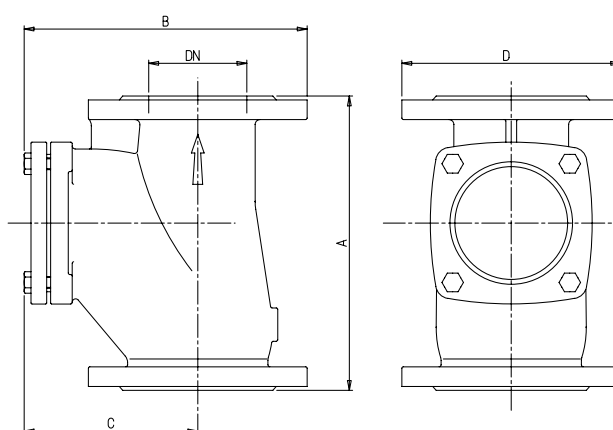
Operating conditions

Working temperature from -10°C up to +80°C
Rated pressure: 10 bar
Vertical or horizontal installation

Materials

Valve body: Cast iron EN-GJL-250
Cover: Cast iron EN-GJL-250
Ball: Resin for threaded VNRP
Resin + nitril for VNRP DN 50-100
Cast iron + nitril for VNRP DN 125-250

Screws: SS AISI 304
Joint: nitril



Dimensioni - Dimensions

TIPO TYPE	DN mm	mm				Peso Weight kg
		A	B	C	D	
VNRP 50	50	182	192	120	165	9,5
VNRP 65	65	204	215	124	185	14
VNRP 80	80	260	250	150	200	19,5
VNRP 100	100	300	290	180	220	23,5
VNRP 125	125	350	340	215	250	36
VNRP 150	150	400	388	245	285	38,5
VNRP 200	200	500	480	310	340	69