

VORTEX - STAINLESS STEEL

**IMPIEGHI**

Le elettropompe sommergibili in Acciaio inossidabile AISI 316L sono utilizzate per il pompaggio di liquidi aggressivi e corrosivi. In particolare per lo smaltimento delle acque di scarico provenienti da impianti chimici.

PARTICOLARITÀ COSTRUTTIVE

Elettropompe sommergibili di robusta e compatta costruzione, motori elettrici alloggiati in vano a tenuta stagna, collegati mediante alberi di lunghezze ridotte alle giranti situate in voluta tramite interposizione di camera olio tra parte idraulica e motore elettrico.

MATERIALI

Fusioni principali	Acciaio inossidabile AISI 316L
Girante	Acciaio inossidabile AISI 316L
Cavo elettrico	Neoprene H07RN/F
Albero	Acciaio inossidabile AISI 316L / Duplex
O-rings	Viton
Bullonerie	Classe A4 - AISI 316
Tenuta meccanica	Carburo di silicio / Silicio / Viton.

**APPLICATIONS**

Les électropompes submersibles en acier inoxydable AISI 316L sont utilisées pour le pompage de liquides agressifs et corrosifs. En particulier pour l'écoulement des eaux usées provenant d'installations chimiques.

PARTICULARITÉ DE CONSTRUCTION

Pompes submersibles robustes et compactes, moteurs électriques logés en enceinte étanche, reliés par des arbres de longueurs réduites aux roues, avec interposition d'une chambre à huile entre la partie hydraulique et le moteur électrique.

MATÉRIAUX

Moulures principales	Acier inoxydable AISI 316L
Roue	Acier inoxydable AISI 316L
Câble électrique	Néoprène H07RN/F
Arbre	Acier inoxydable AISI 316L / Duplex
O-ring et joints	Viton
vis	Classe A4 - AISI 316
Garniture mécanique	Carb. de silicium / silicium / viton

**UTILIZACION**

Las bombas sumergibles en acero inoxidable AISI 316L se utilizan para bombear líquidos agresivos y corrosivos. Especialmente para trabajar con aguas provenientes de instalaciones químicas.

DIFERENCIAS PRINCIPALES

Son bombas sumergibles de robusta y compacta construcción, motores eléctricos situados en compartimento separado, conectadas mediante ejes cortos con los impulsores interpuestos con una cámara de aceite entre la parte hidráulica y el motor eléctrico.

MATERIALES

Aleaciones principales	Acero inoxidable AISI 316L
Impulsor (turbina)	Acero inoxidable AISI 316L
Cable eléctrico	Neopreno H07RN/F
Eje	Acero inoxidable AISI 316L / Duplex
Anillo de sellados y O-Rings	Viton
Tornillos	Clase A4 - AISI 316
Sello mecánico	Carburo de silicio / silicio / viton

**APPLICATION**

Submersible electric pumps in stainless steel AISI 316L are used prevalently for the lifting of aggressive and corrosive liquids. In particular for draining away of waste waters originating from chemical industries.

CONSTRUCTION DATA

Submersible electric pumps, robust in construction, watertight electric motors accommodated in compartment, connected, by shafts of reduced lengths, to the impellers situated at the pump casing by the interposition of oil chamber between the hydraulic side and the electric motor.

MATERIALS

Motor housing	Stainless Steel AISI 316L
Impeller	Stainless Steel AISI 316L
Electric cable	Neoprene H07RN/F
Shaft	Stainless Steel AISI 316L / Duplex
O-rings and lip seal	Viton
Bolts	A4 class - AISI 316
Mechanical seal	Silicon Carbide / Silicon / Viton

**EINSATZBEREICHE**

Entwässerungspumpen aus Edelstahl AISI 316L werden zu Förderung von aggressiven und korrosiven Flüssigkeiten eingesetzt. Speziell für den Einsatz in der chemischen Industrie.

AUSFÜHRUNG

Robuste Tauchmotorpumpe mit wasserdichtem Motor, kompakte Bauart, Laufrad im Pumpengehäuse durch Ölkammer zum Motor getrennt.

WERKSTOFFE

Motorgehäuse	Edelstahl AISI 316L
Laufgrad	Edelstahl AISI 316L
Anschlusskabel	Neoprene H07RN/F
Welle	Edelstahl AISI 316L / Duplex
Wellendichtring und O-Ringe	Viton
Schrauben	Edelstahl AISI 316
Gleitringdichtung	Siliziumkarbid / Siliziumkarbid/Viton

**ОБЛАСТЬ ПРИМЕНЕНИЯ**

Погружные электронасосы из нержавеющей стали AISI 316L используются для перекачки агрессивных и коррозионных жидкостей. В частности, для отвода сточных вод от химических производств.

КОНСТРУКЦИОННЫЕ ОСОБЕННОСТИ

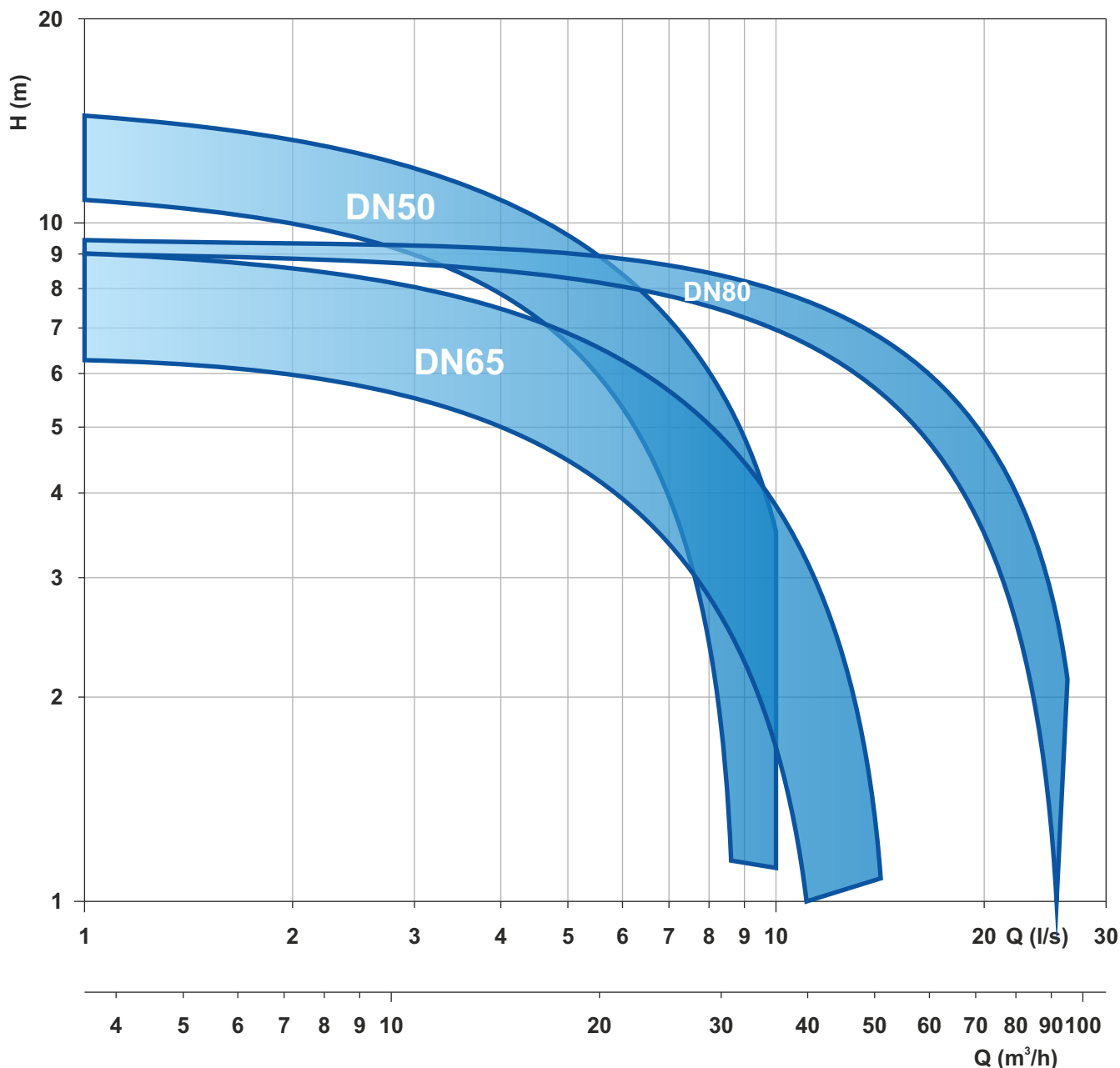
Погружные электронасосы с прочной и компактной конструкцией. Электродвигатели размещены в секции с герметичным уплотнением и соединены через валы небольшой длины с рабочими колесами, расположенными в гидравлической камере. Валы проходят через масляную камеру между гидравликой и электродвигателем.

МАТЕРИАЛЫ

Основные литые компоненты	нержавеющей стали AISI 316L
Рабочее колесо	нержавеющей стали AISI 316L
Электрокабель	Неопрен H07RN/F
Вал	Нержавеющая сталь AISI 316L / Дуплекс
Уплотнит. кольца и манжета	Витон
Винты	Класс A4 - AISI 316
Мех. уплотнение	Карбид кремния/кремния/Витон

VORTEX - STAINLESS STEEL

Elettropompe sommergibili vortice in acciaio inossidabile AISI 316L 2/4 poli
 Submersible electric pumps vortex in stainless steel AISI 316L 2/4 poles
 Electropompe submersible vortex en acier inoxydable AISI 316L 2/4 pôles
 Tauchmotorpumpe aus Edelstahl AISI 316L mit Freistromlaufrad, 2/4-polig
 Bombas sumergibles vortex en acero inoxidable AISI 316L 2/4 polos
 Вихревые погружные электронасосы из стали AISI 316L 2-4 полюсов



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 Технические спецификации имеются на Интернет-сайте www.faggiolatipumps.com



Acciaio inossidabile AISI316L



Acier inoxydable AISI316L



Acero inoxidable AISI316L



Stainless steel AISI316L

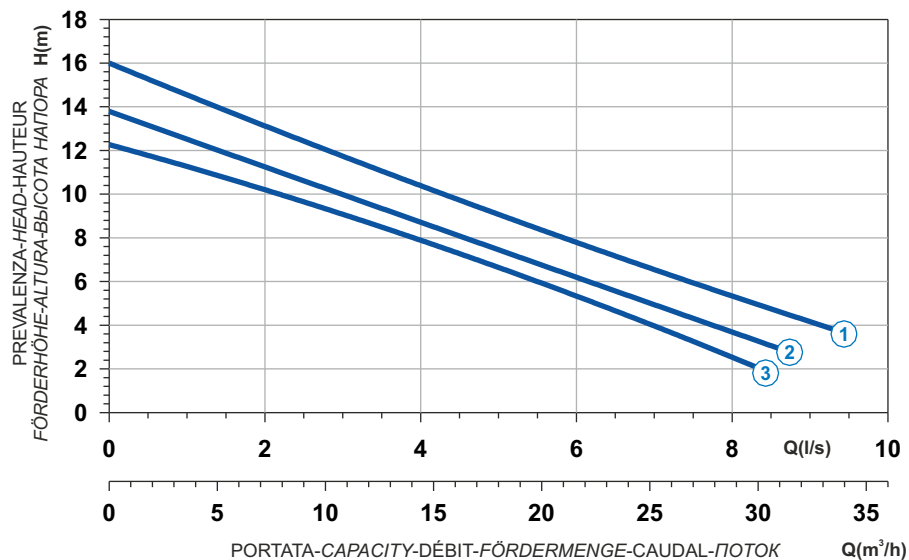


Edelstahl AISI316L



Нержавеющая сталь AISI 316L

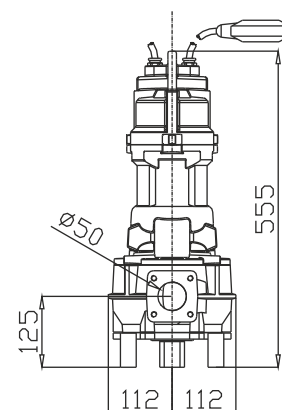
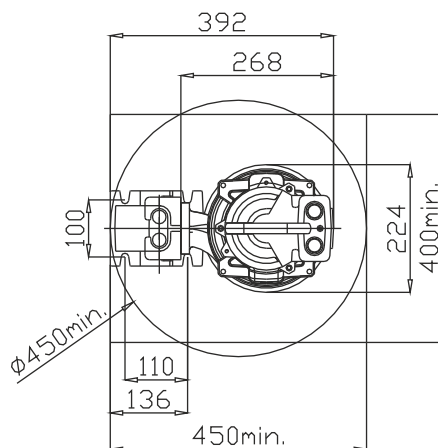
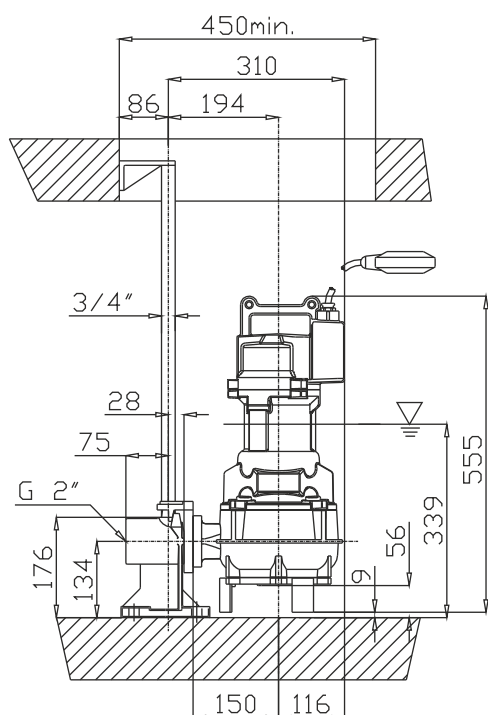
Curva caratteristica - Performance curve - Courbe caractéristique
Kennlinie - Curva característica - Характеристическая кривая



Power supply	1ph 230V 50Hz
R.P.M.	2850
Free passage (mm)	50
Discharge (mm)	DN 50
Max Weight (Kg)	46

Curve N°	Code	Type	MOTOR			ATEX code	
			Rated power P2 (kW)	Rated current I (A)	Starting current Is (A)		
1	7000851	X271M3V1-K50LB7	1,7	10,2	56,1	7000875	
2	7000860	X271M3V2-K50LB7	1,5	9	33,3	7000891	
3	7000862	X271M3V3-K50LB7	1,5	9	33,3	7000893	

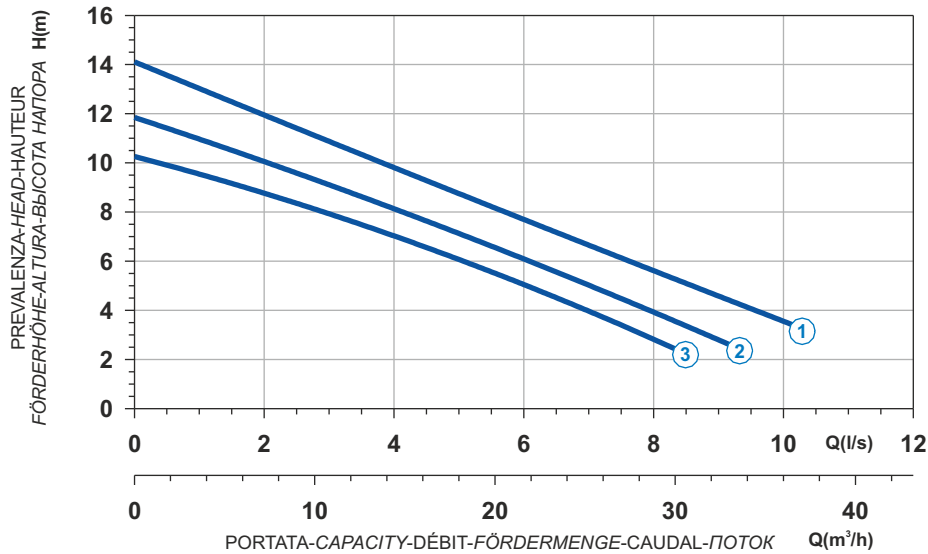
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▽ LIVELLO MINIMO DI SOMMERGIBILITÀ
MINIMUM SUBMERSIBLE LEVEL
NIVEAU MINIMUM D'IMMERSION
MINDESTWASSERSTAND
NIVEL SUMERGIBLE MINIMO
МИНИМАЛЬНАЯ ГЛУБИНА ПОГРУЖЕНИЯ

 Acciaio inossidabile AISI316L	 Stainless steel AISI316L
 Acier inoxydable AISI316L	 Edelstahl AISI316L
 Acero inoxidable AISI316L	 Нержавеющая сталь AISI 316L

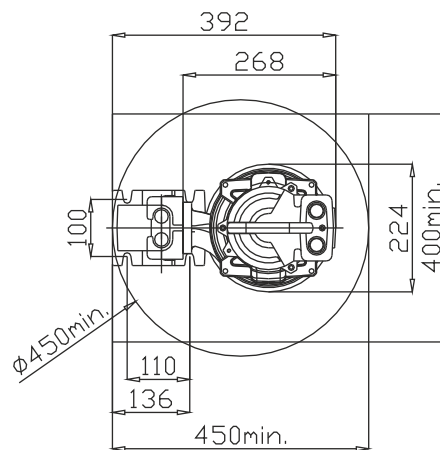
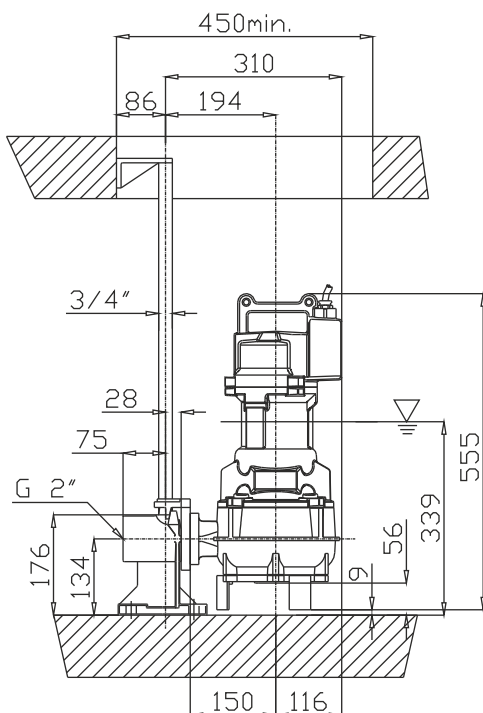
Curva caratteristica - Performance curve - Courbe caractéristique
Kennlinie - Curva característica - Характеристическая кривая



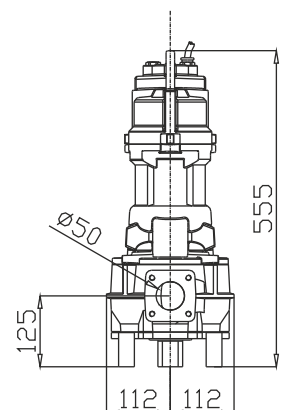
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			Rated power P2 (kW)	Rated current I (A)	Starting current Is (A)	
1	7006455	X271T3V1-K50LA4	2,4	4,5	26,6	7000874
2	7000849	X271T3V2-K50LA4	1,8	3,5	17,2	7000883
3	7000850	X271T3V3-K50LA4	1,8	3,5	17,2	7000887

Power supply	3ph 400V 50Hz
R.P.M.	2850
Free passage (mm)	50
Discharge (mm)	DN 50
Max Weight (Kg)	46

Dimensioni - Dimensions - Dimensions - Abmessungen - Dimensiones - ГАБАРИТЫ (mm)



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Acciaio inossidabile AISI316L



Acier inoxydable AISI316L



Acero inoxidable AISI316L



Stainless steel AISI316L

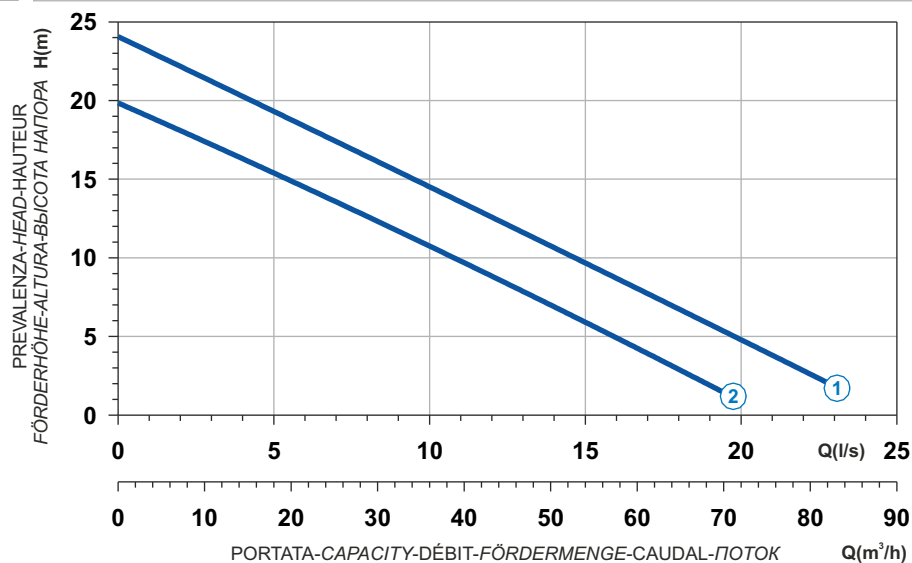


Edelstahl AISI316L



Нержавеющая сталь AISI 316L

Curva caratteristica - Performance curve - Courbe caractéristique
Kennlinie - Curva característica - Характеристическая кривая

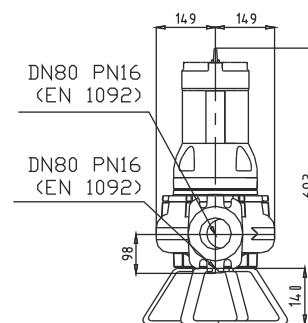
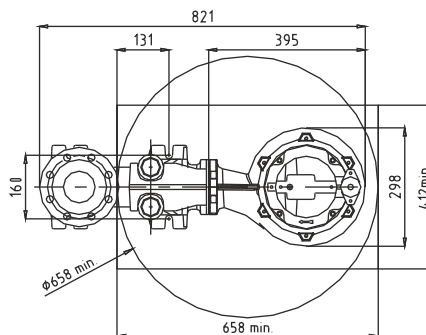
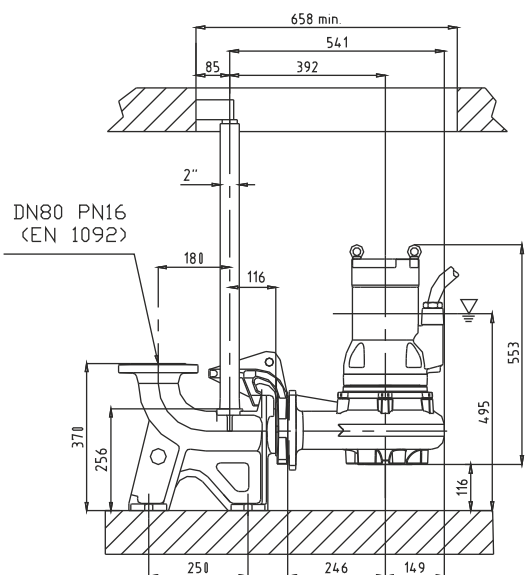


Power supply	3ph 400/690V 50Hz
R.P.M.	2850
Free passage (mm)	50
Discharge (mm)	DN 80
Max Weight (Kg)	82

Curve N°	Code	Type	MOTOR			ATEX code	
			Rated power P2 (kW)	Rated current I (A)	Starting current Is (A)		
1	7009120	X210R3V1-M50LA5	5,7	10,4	61,4	7006142	
2	7002402	X210R3V2-M50LA5	5,0	9,1	53,7	7006150	

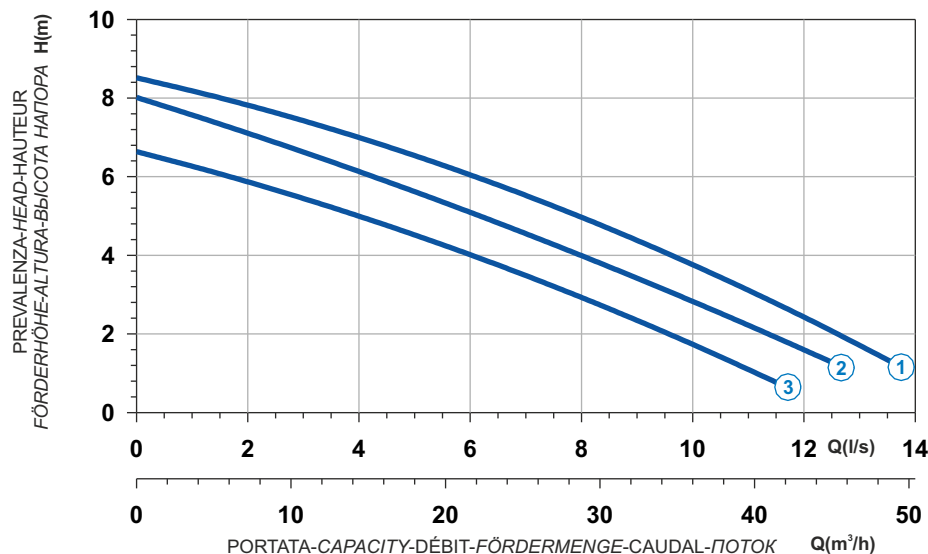
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 Acero inoxidable AISI316L	 Нержавеющая сталь AISI 316L

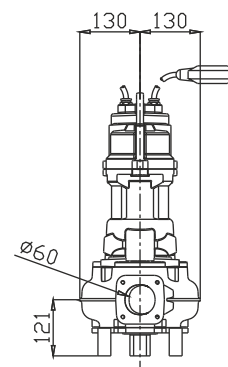
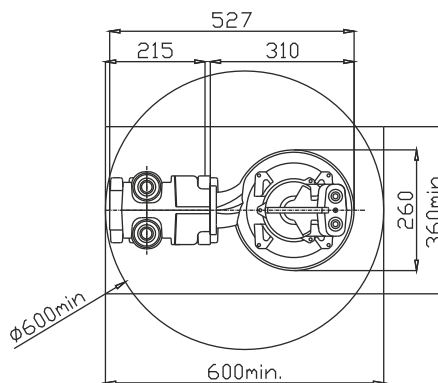
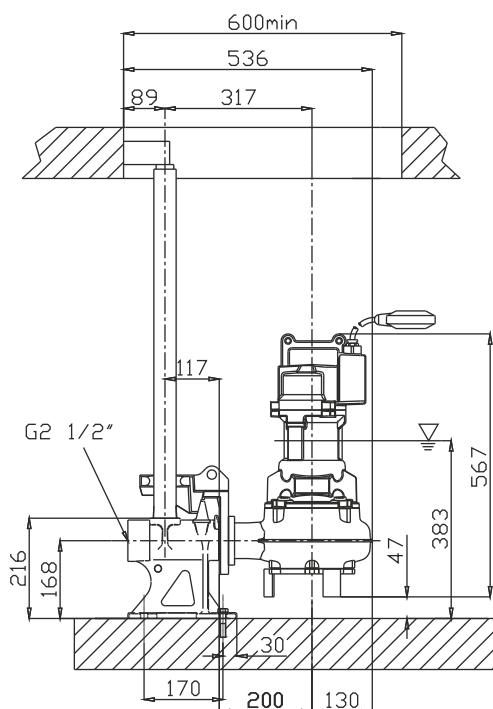
Curva caratteristica - Performance curve - Courbe caractéristique
Kennlinie - Curva característica - Характеристическая кривая



Curve N°	Code	Type	MOTOR			ATEX code 
			Rated power P2 (kW)	Rated current I (A)	Starting current Is (A)	
1	7002653	X471M6V1-L50LB7	1,6	9,2	46	7003831
2	7003828	X471M6V2-L50LB7	1,4	8,1	40,5	7003832
3	7003829	X471M6V3-L50LB7	1,2	6,9	34,5	7003833

Power supply	1ph 230V 50Hz
R.P.M.	1450
Free passage (mm)	50
Discharge (mm)	DN 65
Max Weight (Kg)	47

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Acier inoxydable AISI316L



Acero inoxidable AISI316L



Stainless steel AISI316L

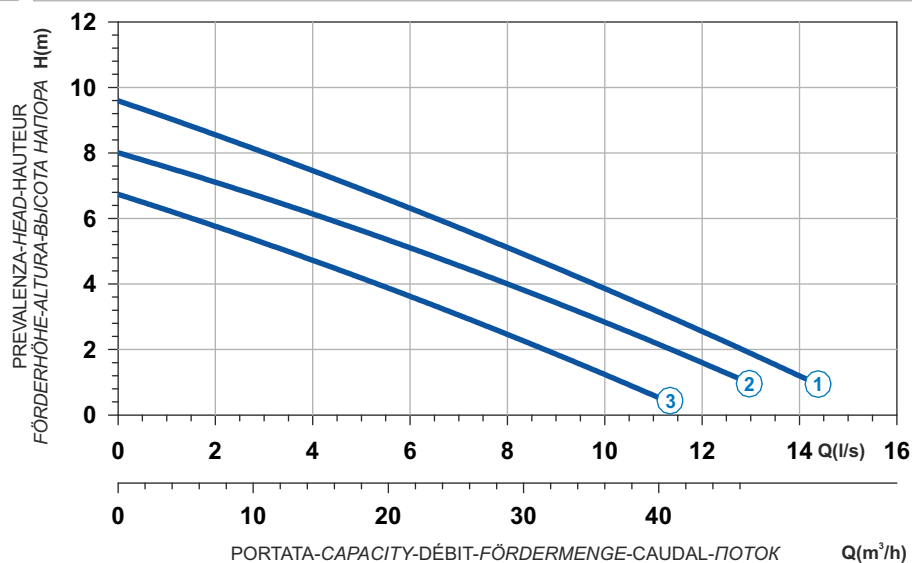


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Нержавеющая сталь AISI 316L

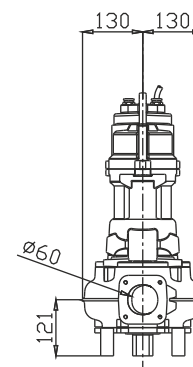
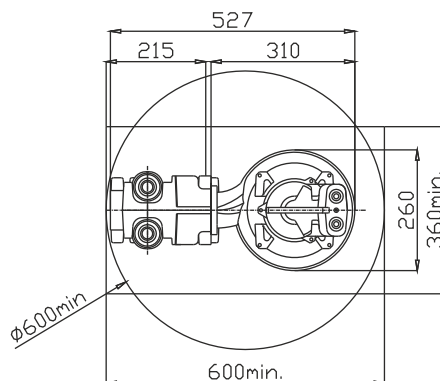
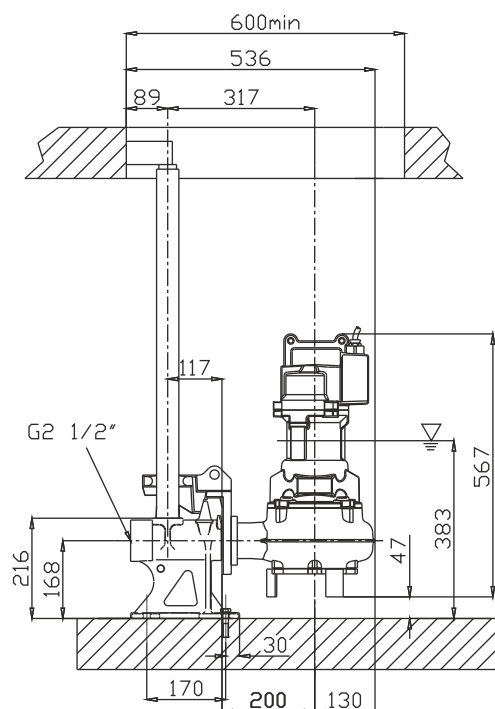
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Power supply	3ph 400V 50Hz
R.P.M.	1450
Free passage (mm)	50
Discharge (mm)	DN 65
Max Weight (Kg)	48

Curve N°	Code	Type	MOTOR			ATEX code	
			Rated power P2 (kW)	Rated current I (A)	Starting current Is (A)		
1	7002656	X471T6V1-L50LA4	1,6	3,1	14	7003226	
2	7002728	X471T6V2-L50LA4	1,4	2,7	12,2	7003228	
3	7003220	X471T6V3-L50LA4	1,1	2,4	10,8	7003239	

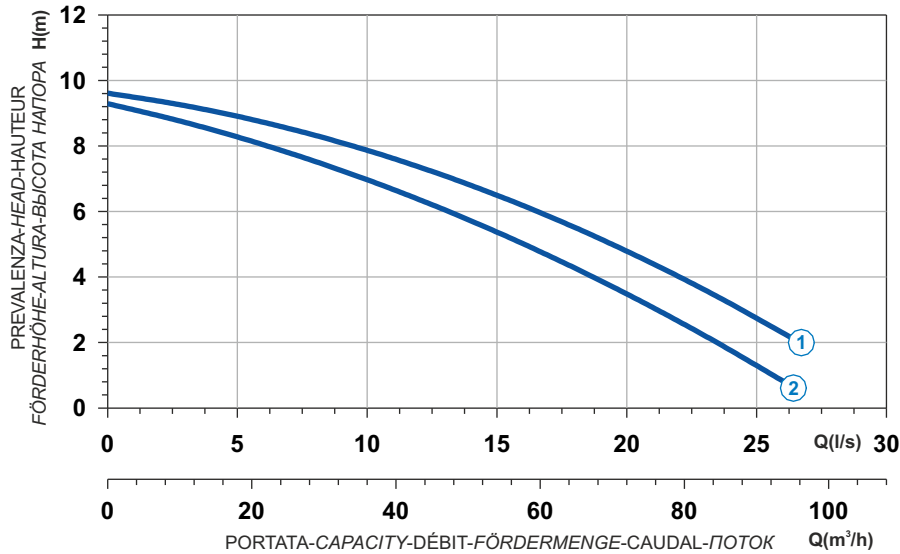
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			Rated power P2 (kW)	Rated current I (A)	Starting current Is (A)	
1	7005441	X409T6V1-M50LA4	2,8	5,4	24,3	7005986
2	7005491	X409T6V2-M50LA4	2,3	4,4	19,8	7005539

Power supply	3ph 400V 50Hz
R.P.M.	1450
Free passage (mm)	50
Discharge (mm)	DN 80
Max Weight (Kg)	67

Dimensioni - Dimensions - Dimensions - Abmessungen - Dimensiones - ГАБАРИТЫ (mm)

