VORTEX - STAINLESS STEEL

XV

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.

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

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

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
Laufrad	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

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 químicos.

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 i 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

ОБЛАСТЬ ПРИМЕНЕНИЯ

Погружные электронасосы из нержавеющей стали AISI 316L используются для перекачки агрессивных и коррозивных 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.

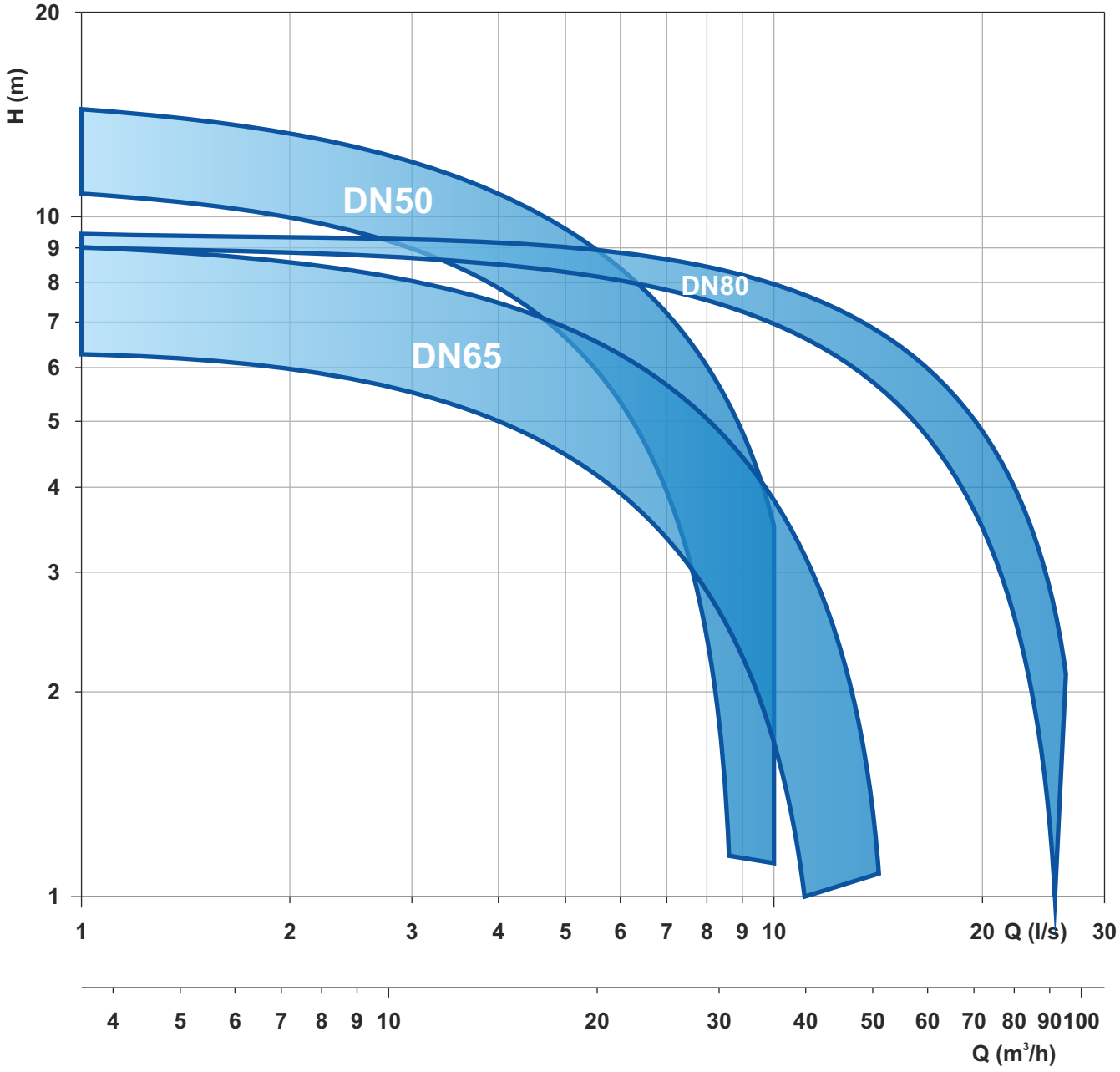
МАТЕРИАЛЫ

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



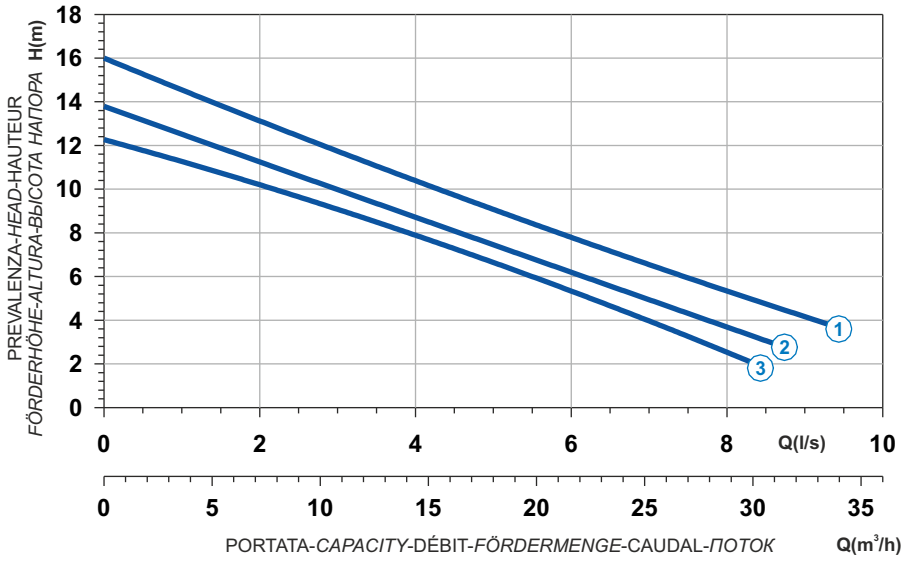


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Las hojas de datos técnicas están disponibles en nuestro web site www.faggiolatipumps.com
Технические спецификации имеются на Интернет-сайте www.faggiolatipumps.com



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Stainless steel AISI316L
Edelstahl AISI316L
Нержавеющая сталь AISI 316L

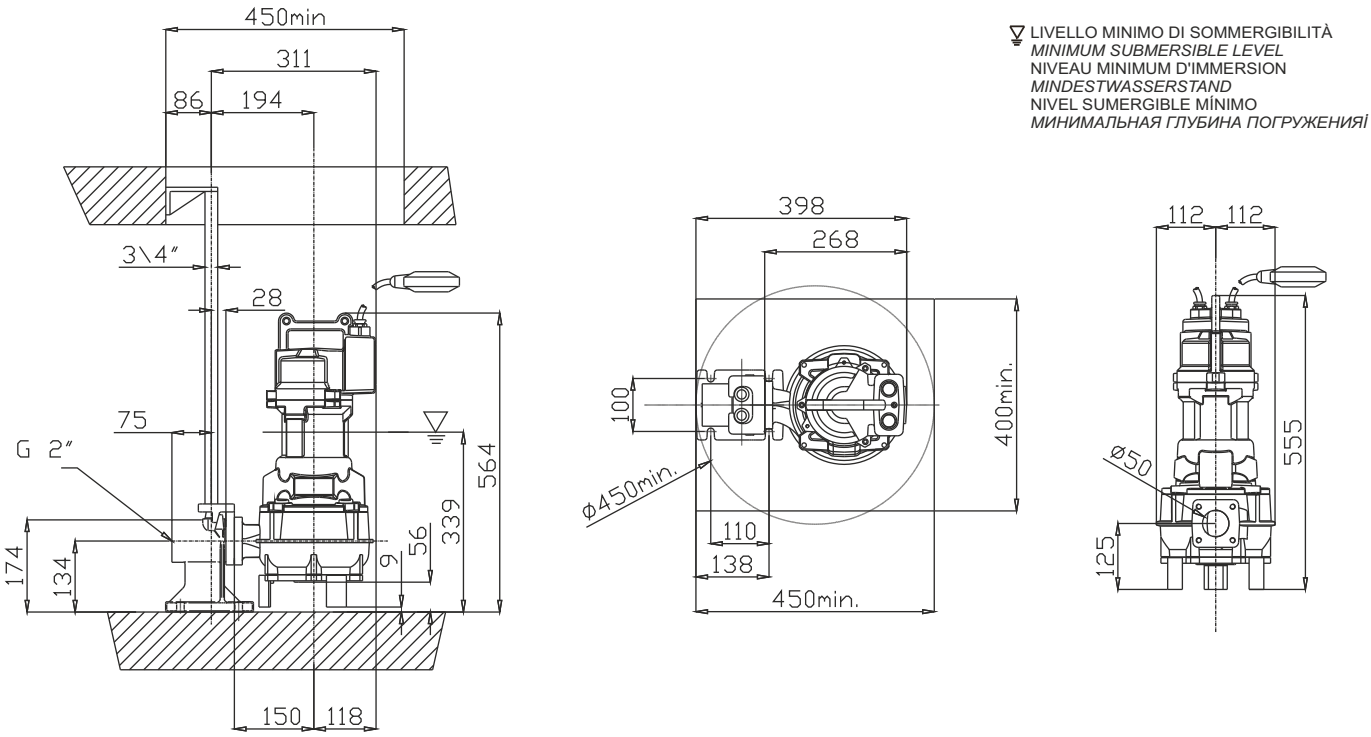
Curva caratteristica - *Performance curve* - Courbe caractéristique
Kennlinie* - Curva característica - *Характеристическая кривая



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 Rated power P2 (kW)	MOTOR Rated current I (A)	MOTOR Starting current Is (A)	ATEX code
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

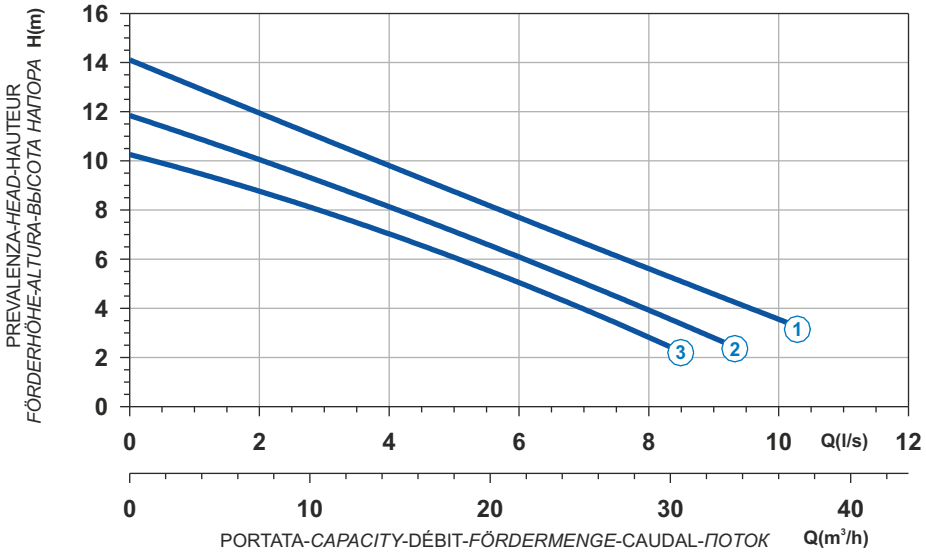
Dimensioni - *Dimensions* - Dimensions - *Abmessungen* - Dimensiones - *ГАБАРИТЫ* (mm)



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



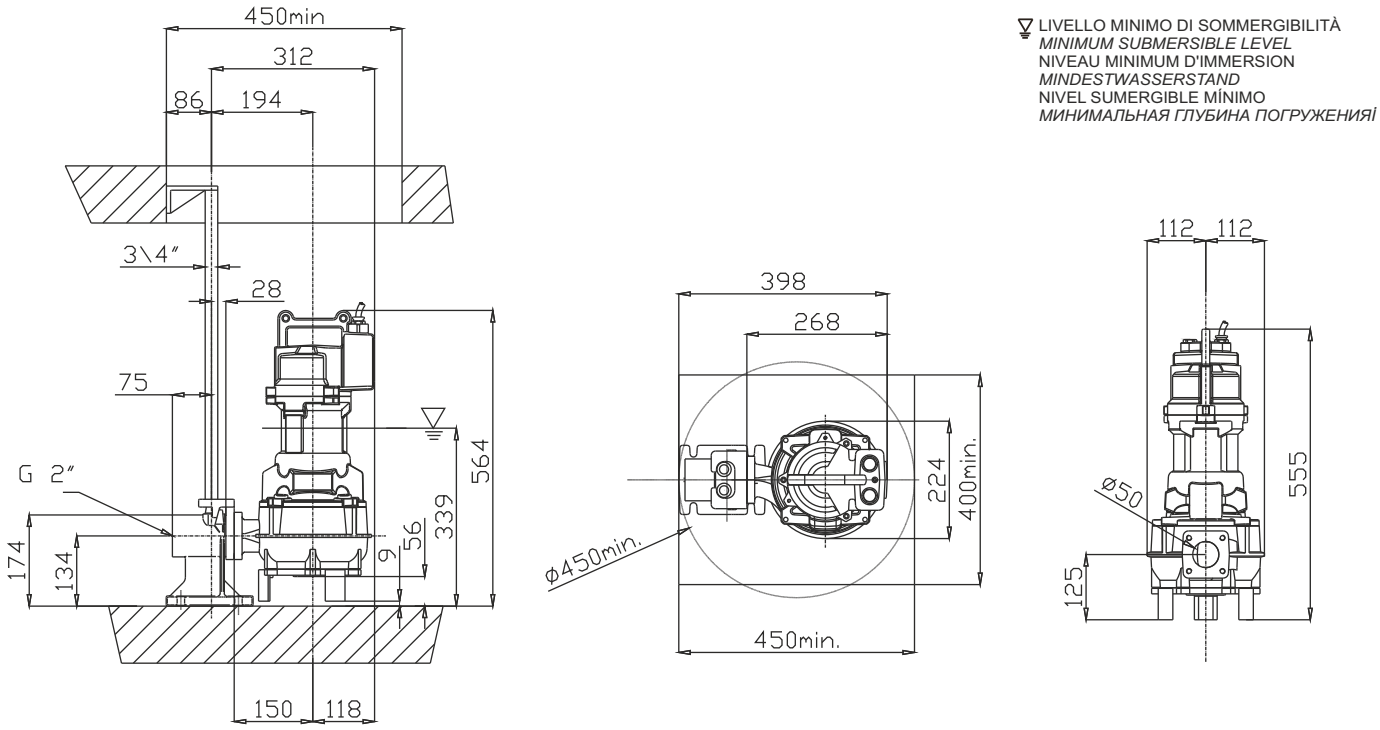
Curva caratteristica - *Performance curve* - Courbe caractéristique
Kennlinie* - Curva característica - *Характеристическая кривая



Curve N°	Code	Type	MOTOR Rated power P2 (kW)	MOTOR Rated current I (A)	MOTOR Starting current Is (A)	ATEX code
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)

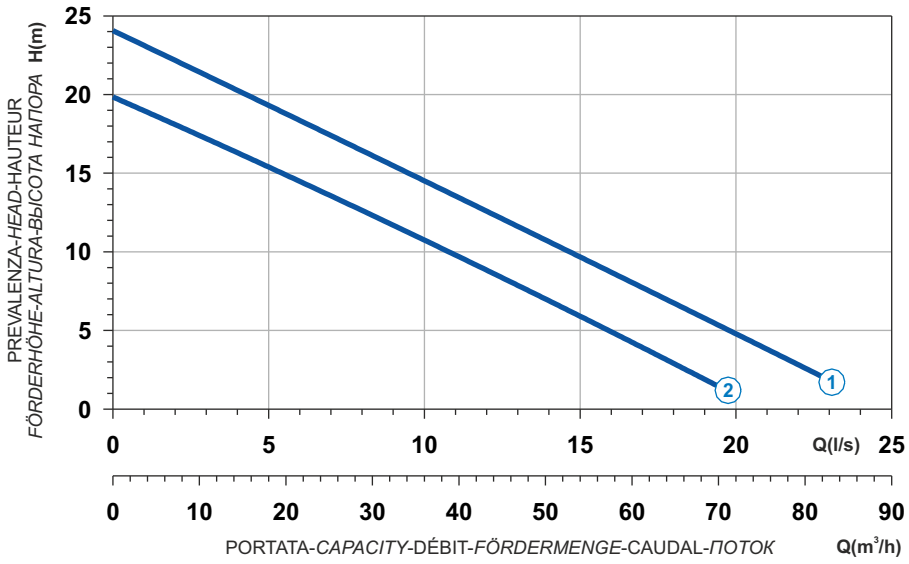


X



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

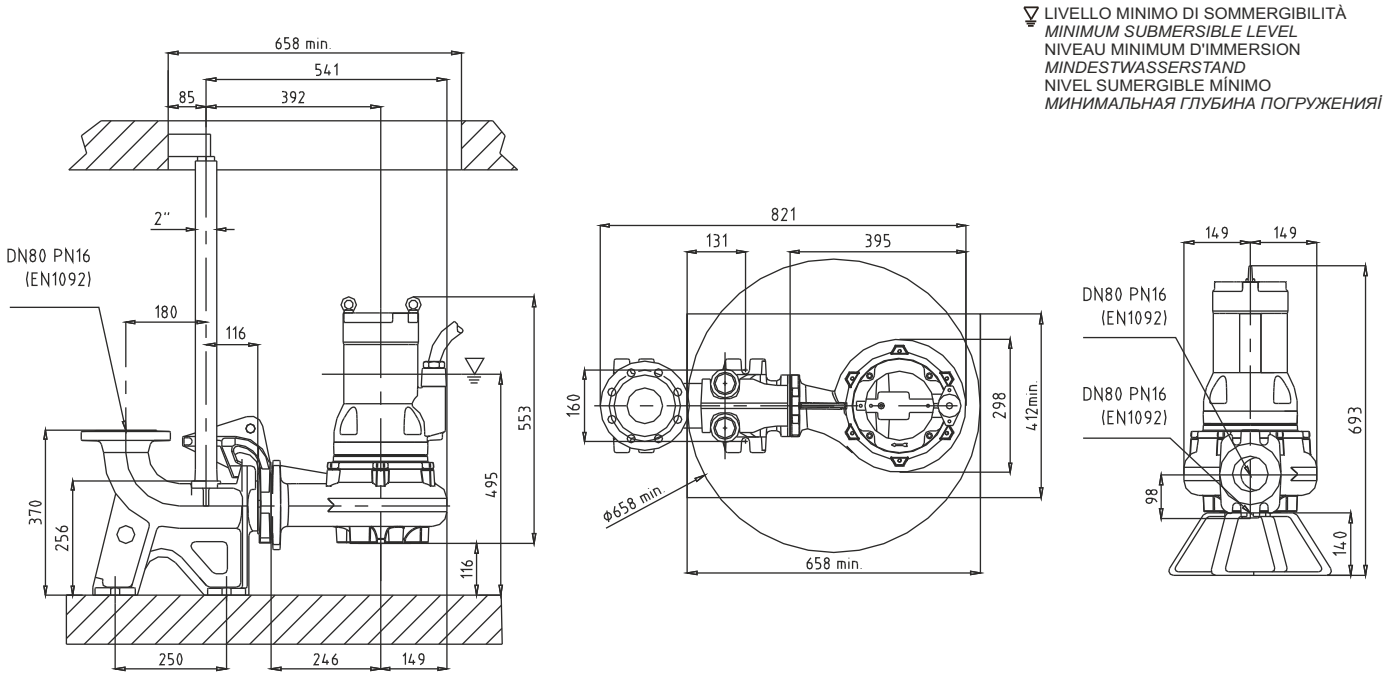
Curva caratteristica - *Performance curve* - Courbe caractéristique
Kennlinie* - Curva característica - *Характеристическая кривая



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

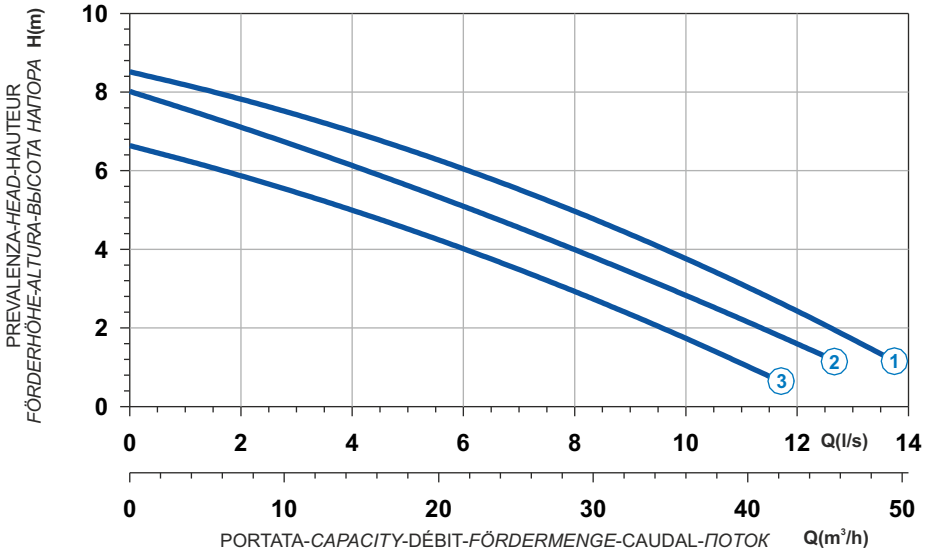
Dimensioni - *Dimensions* - Dimensions - *Abmessungen* - Dimensiones - *ГАБАРИТЫ* (mm)



Acciaio inossidabile AISI316L
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Stainless steel AISI316L
Edelstahl AISI316L
Нержавеющая сталь AISI 316L



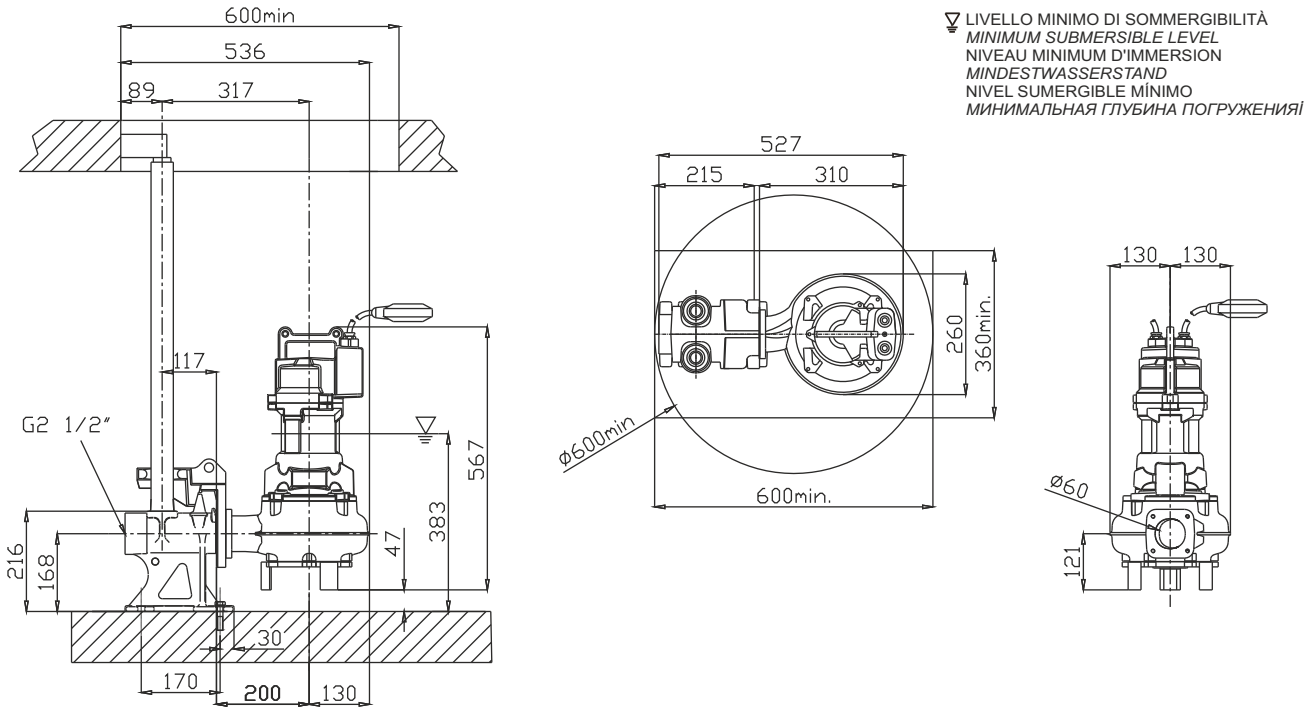
Curva caratteristica - *Performance curve* - Courbe caractéristique
Kennlinie* - Curva característica - *Характеристическая кривая



Curve N°	Code	Type	MOTOR Rated power P2 (kW)	MOTOR Rated current I (A)	MOTOR Starting current Is (A)	ATEX code
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

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

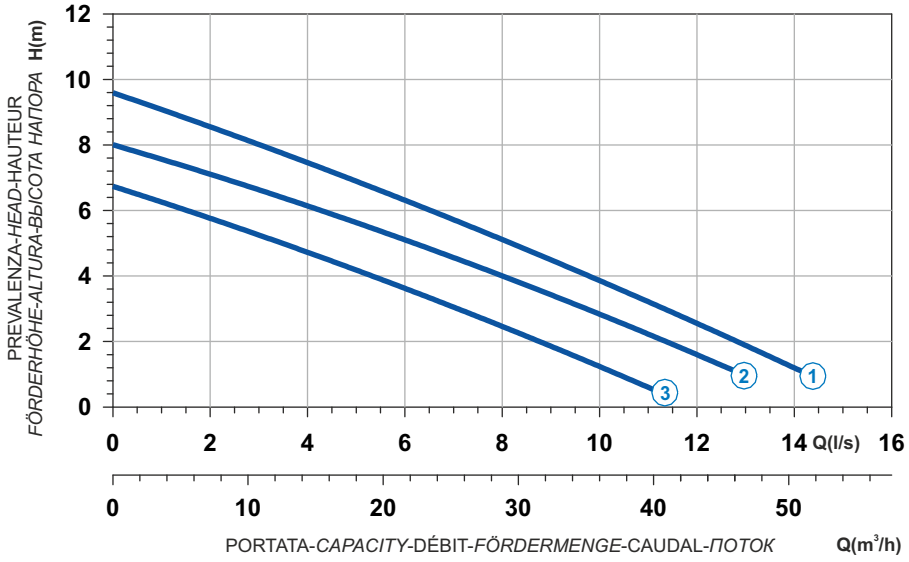






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Stainless steel AISI316L
Edelstahl AISI316L
Нержавеющая сталь AISI 316L

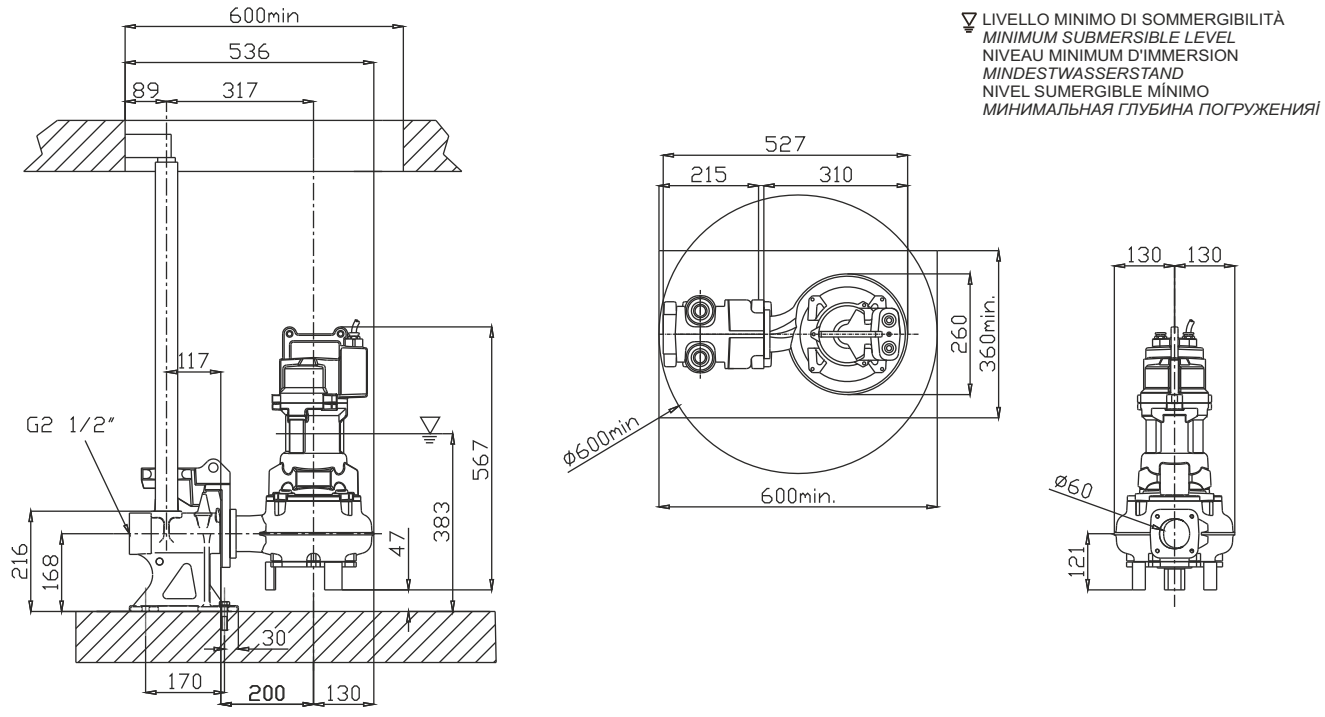
Curva caratteristica - *Performance curve* - Courbe caractéristique
Kennlinie* - Curva característica - *Характеристическая кривая



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 Rated power P2 (kW)	MOTOR Rated current I (A)	MOTOR Starting current Is (A)	ATEX code
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

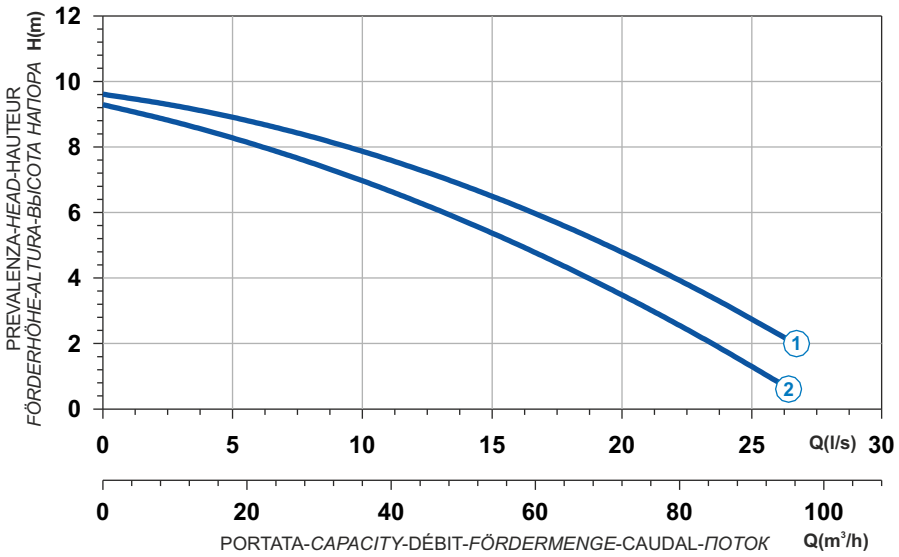
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Stainless steel AISI316L
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Нержавеющая сталь AISI 316L



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



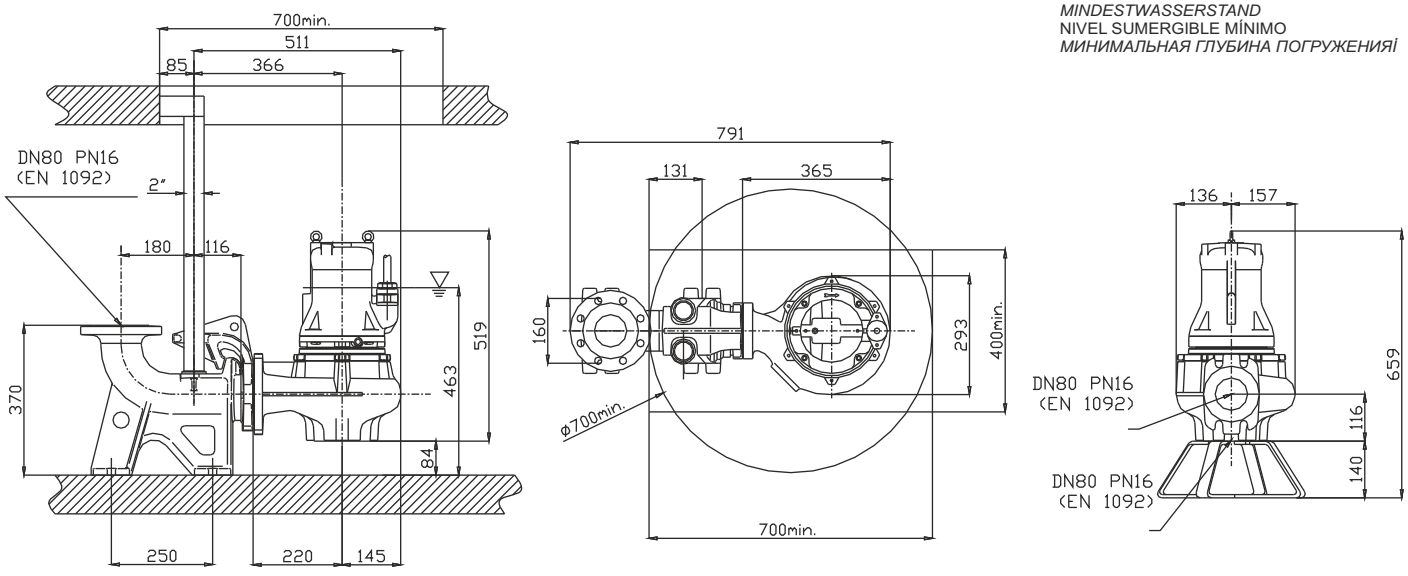
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1	7005441	**X409T6V1-M50LA4**	2,8	5,4	24,3	7005986
2	7005491	**X409T6V2-M50LA4**	2,3	4,4	19,8	7005539

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

X

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

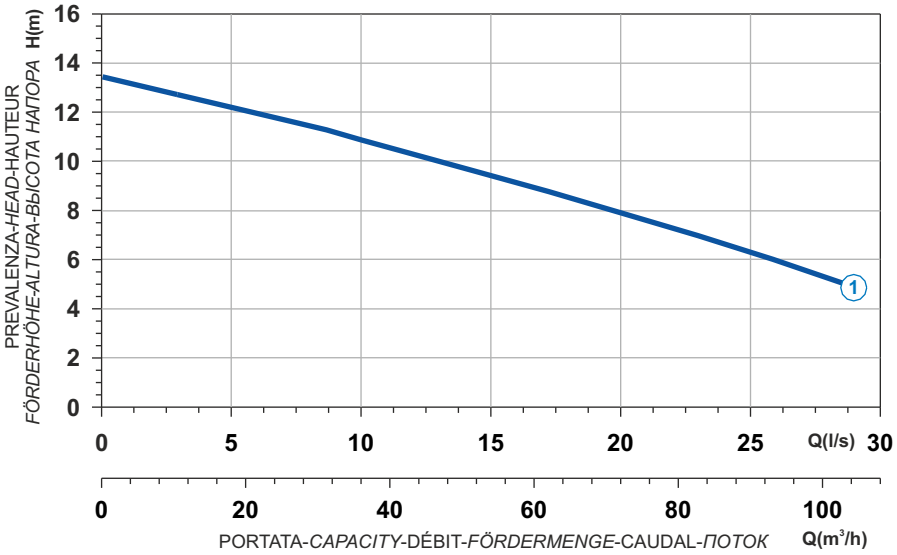
LIVELLO MINIMO DI SOMMERGIBILITÀ
MINIMUM SUBMERSIBLE LEVEL
NIVEAU MINIMUM D'IMMERSION
MINDESTWASSERSTAND
NIVEL SUMERGIBLE MÍNIMO
МИНИМАЛЬНАЯ ГЛУБИНА ПОГРУЖЕНИЯ





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

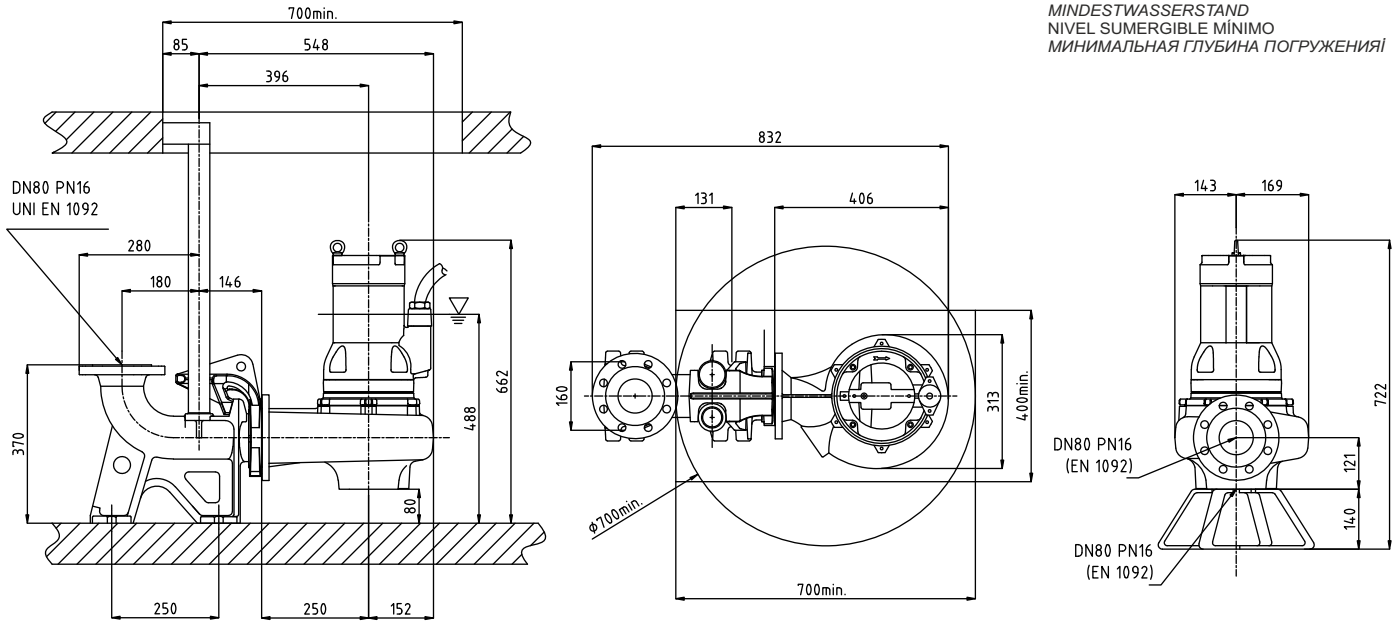


Power supply	3ph 400/690V-50Hz
R.P.M.	1401
Free passage (mm)	64
Discharge (mm)	DN 80
Max Weight (Kg)	83

Curve N°	Code	Type	MOTOR Rated power P2 (kW)	MOTOR Rated current I (A)	MOTOR Starting current Is (A)	ATEX code
1	7002906	**X410R6V1-M64LA5**	4,6	9,3	46,5	On request

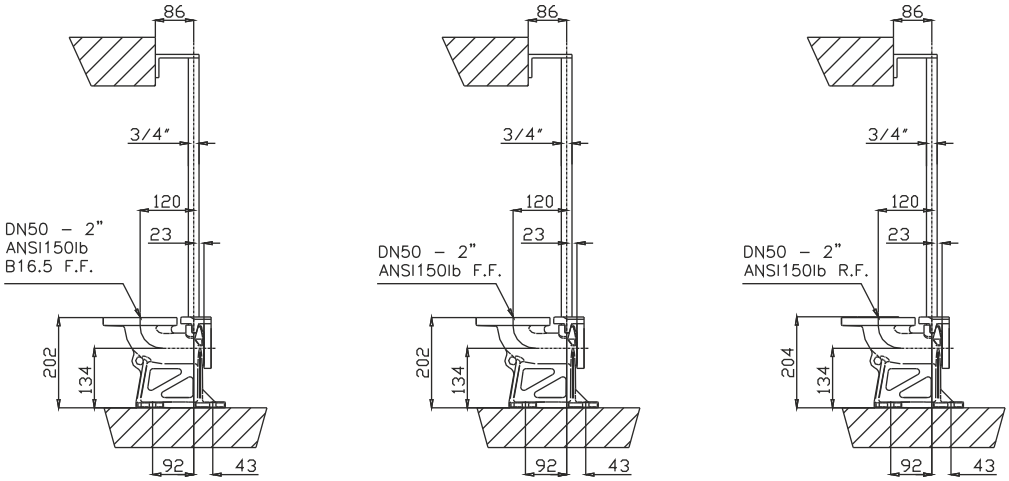
Dimensioni - *Dimensions* - Dimensions - *Abmessungen* - Dimensiones - *ГАБАРИТЫ* (mm)

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

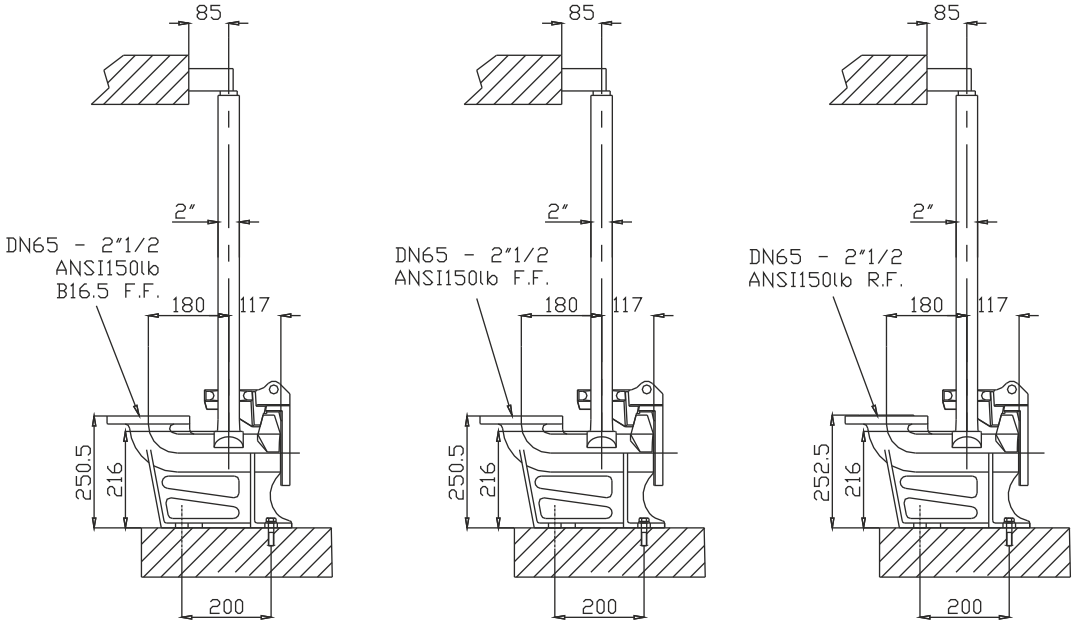


Installazione con sistema accoppiamento ANSI
Installation with coupling foot system ANSI
Installation avec pied d'accouplement ANSI
Installation mit ANSI Koppelung Fuß
Instalación con *sistema de acoplamiento* ANSI
Установка с системой соединения ANSI

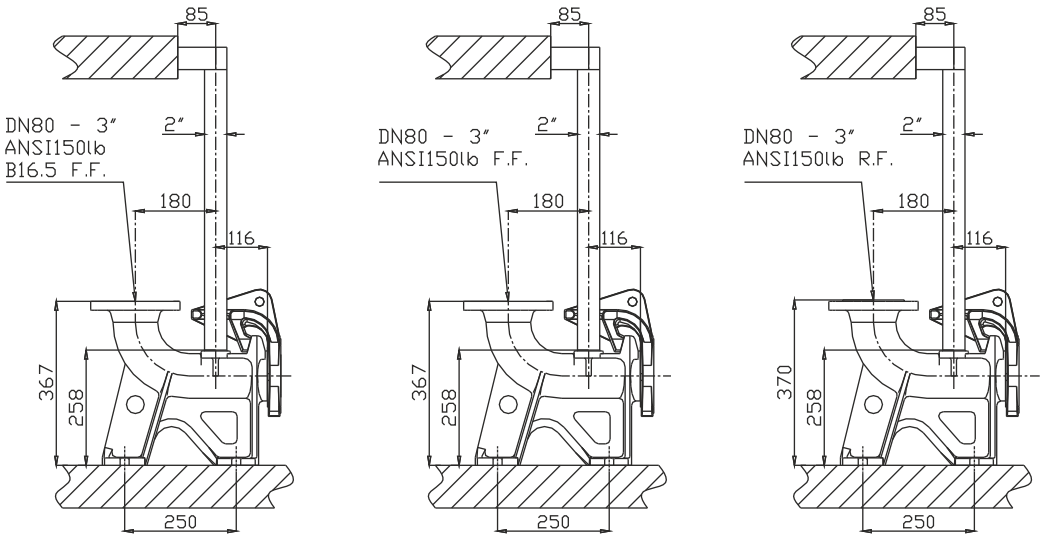
DN 50



DN 65



DN 80



X