A4
A6

SUBMERSIBLE PUMPS

https://btstech.pl
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Elettropompe sommergibili con girante monocanale aperto

Submersible electropumps with open channel impeller

Potenze / *Power:*	**1.5÷7.5 kW**
Mandate / *Delivery:*	**DN80-100-150**

Impieghi

La serie A 4 poli trova impiego nel pompaggio e nel drenaggio di liquidi chiari e fognari. L'ampia gamma e ottime efficienze idrauliche rendono la serie particolarmente adatta al essere utilizzata su: depuratori, fognature, zootecnia e canalizzazioni industriali, quali: aeroporti, metropolitane, ospedali, hotel.

Application

The A 4 poles Series is used to pump clear liquids and sewage. The wide range and high hydraulic efficiency renders this series particularly suited to water treatment plants, sewers, farming and industrial plants including in airports, underground public transport, hospitals and hotels.

Caratteristiche

Tutti i componenti principali sono realizzati in Ghisa GG25. Due tenute meccaniche separate (lato motore a bagno olio, lato girante a contatto con il liquido) e componentistica di prima qualità, ne garantiscono il perfetto funzionamento.

Characteristic

All main components are made of grey cast iron GG25. Two individual mechanical seals (motor side in the oil chamber, impeller side in contact with the liquid) and high quality parts, ensure the perfect functioning and reliability of the product.

Motori

- Motori asincroni 4 poli con rotore a gabbia di scoiattolo
- Protezione termica T1 e T2 incorporato nel motore da collegare ad un apposito quadro di comando
- Isolamento statore classe F (155°C)
- Grado protezione IP 68

Motor range

- *Squirrel cage motor 4 poles*
- *Thermal protection T1 and T2 embedded in the motor winding (to be wired to the three pole contactor in the control panel)*
- *Class F insulation (155°C)*
- *IP 68 protection*

Raffreddamento

Raffreddamento effettuato dal liquido nel quale la pompa è immersa.

Motor cooling

The cooling of the motor is ensured by the liquid where the pump is submerged.

Limiti di impiego

- Temperatura massima del liquido: 40°C con unità completamente sommersa
- Disponibili versioni speciali (escluso ATEX) fino alla temperatura liquido di 60°C con unità completamente sommersa, non a servizio continuo (S1)
- Massima profondità di immersione: 20 mt
- Valori pH ammessi: 6-10
- Caratteristiche idrauliche valide per liquidi di densità <1,1 kg/dm^3
- Tensioni ammesse: 230/400V o 400/690V ±5% a seconda del modello
- Frequenza ammessa: 50Hz ± 2%

Limits of use

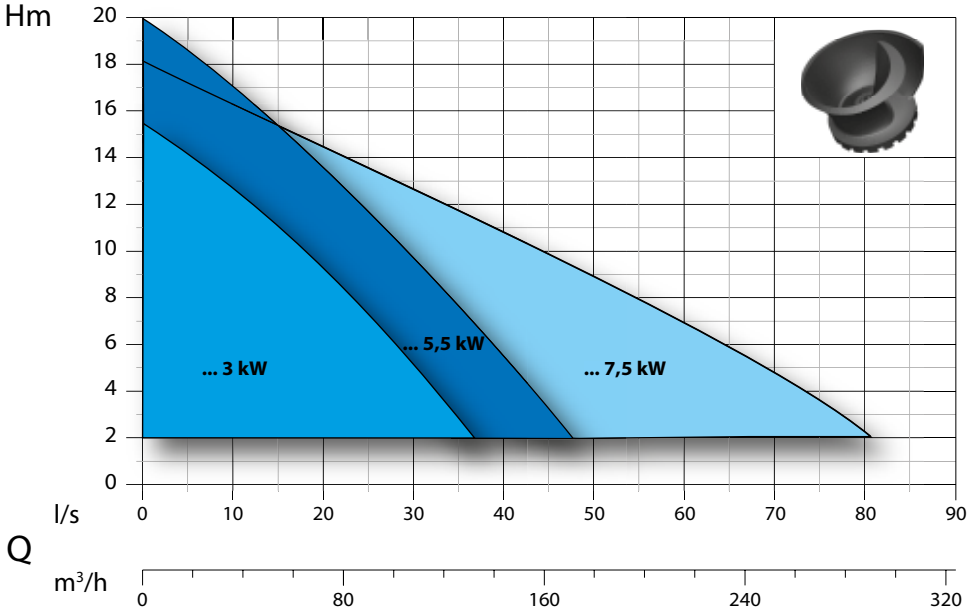
- *Max. permissible liquid temperature: 40°C with pump fully submerged*
- *On request, special version (excluded ATEX) to withstand liquid temperature up to 60°C with pump fully submerged, no S1 service*
- *Maximum depth of immersion: 20 mt.*
- *Permissible pH value: 6-10*
- *Hydraulic features suitable for liquids with density <1,1 kg/dm^3*
- *Allowed voltage: 230/400V or 400/690V±5% depending on the pump*
- *Allowed frequency: 50Hz ±2%*

Designazione / *Designation*

AT-EX 80 / 4 / 173 C.256

- Numero della curva — *Curve reference*
- Diametro statore — *Stator's size*
- Numero poli — *Poles number*
- Bocca di mandata DN — *Delivery DN*
- Certificazione ATEX — *ATEX certification*
- Serie pompa - T=trifase - M=monofase — *Pump series - T=ThreePhase - M= Singlephase*

Campo di Prestazione / *Performance Overview*



Identificazione Curve

Curves Identification

- DN80
- DN100
- DN150

Normative

Norms

Curve secondo ISO 9906:2012 3B2

According to ISO 9906:2012 3B2

Distinta dei componenti e materiali
List of components and materials

Anello catena - *Chain ring*
Acciaio inox AISI 416 - *Stainless steel AISI 416*

Cassa motore - *Motor casing*
Ghisa GG25 - *Cast iron GG25*

Cuscinetto superiore - *Upper bearing*

Albero motore - *Motor shaft*
Acciaio inox AISI 420 - *Stainless steel AISI 420*

Motore elettrico - *Electric motor*

Rotore - *Rotor*

Cuscinetto inferiore - *Lower bearing*

Porta motore - *Motor holder*
Ghisa GG25 - *Cast iron GG25*

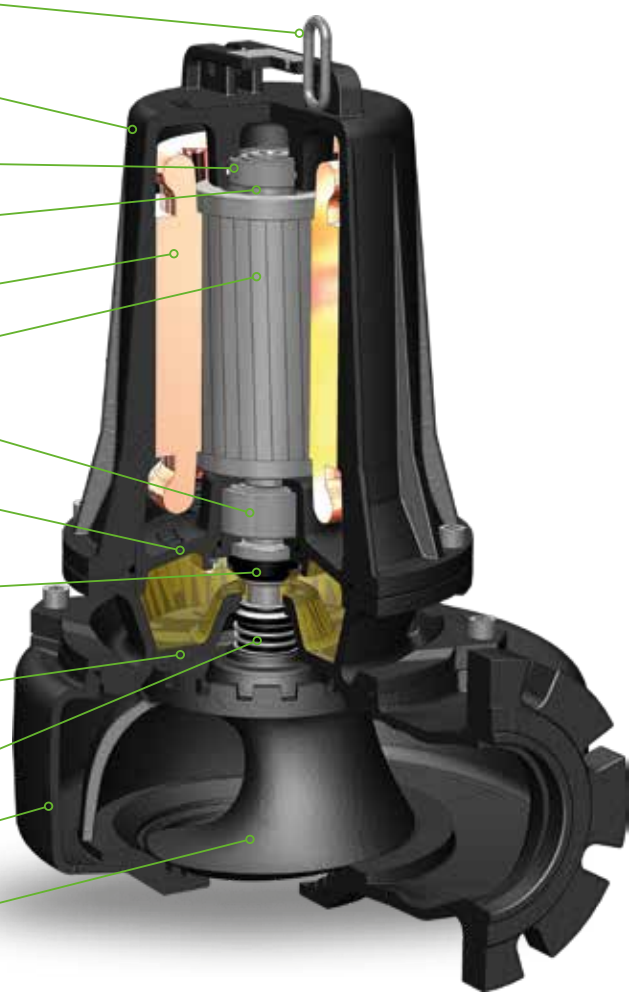
Tenuta meccanica - *Mechanical seal*
Ceramica/Grafite - *Carbon/Ceramic* (CA/CE/Viton)

Porta motore - *Motor holder*
Ghisa GG25 - *Cast iron GG25*

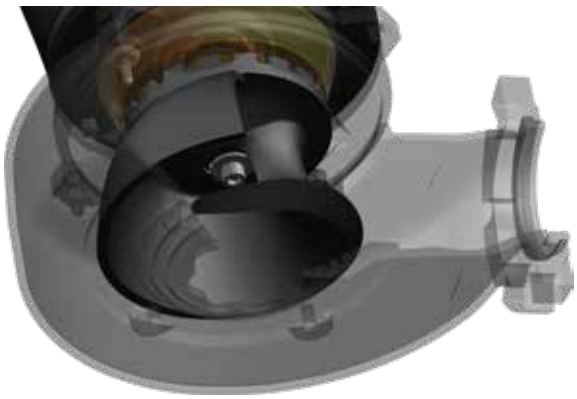
Tenuta meccanica - *Mechanical seal*
Carburo di silicio - *Silicon/Carbide* (SIC/SIC/Viton)

Corpo pompa - *Body pump*
Ghisa GG25 - *Cast iron GG25*

Girante - *Impeller*
Ghisa GG25 - *Cast iron GG25*



Tecnologie e Soluzioni
Technology and Features



Giranti
La serie monta giranti Monocanali Aperti ad alte prestazioni. Il trancia-fibre integrato garantisce la massima affidabilità di lavoro, anche in presenza di liquidi con fibre e corpi solidi in sospensione.

Impellers
The A series is fitted with open single channel and highly efficient impellers. The shredding system ensure a high degree of reliability even in presence of fibrous materials and solids in suspension.

Pompe antideflagranti / *Explosion proof pumps*

CE 0477 Ex II 2G Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°
EPT 17 ATEX 2702 X

Tutta la serie è disponibile con certificato ATEX su richiesta
Pumps with explosion proof available on request.

Sensore d'umidità
Sensore conforme alle norme sulla sicurezza integrata contro le esplosioni ATEX EN 60079-0, EN 60079-1 tramite barriera di protezione.
Di serie su tutta la gamma.

Seal leak detector
The seal leak detector is certified according to the norm ATEX EN 60079-0, EN 60079-1 (through safety barrier) and fitted standard on all series.

Pressacavo
Pressacavo pressofuso in acciaio inox, conforme alla normative: ATEX EN 60079-0, EN 60079-1 con linguetta anti-strappo.
Standard su tutta la serie.

Cable gland
The cable gland is made of stainless steel AISI 316 and certified according to the norm ATEX EN 60079-0, EN 60079-1.
Standard on all series.

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
DRENO POMPE *CAN ALTER WITHOUT NOTIFICATIONS THE DATA MENTIONED IN THIS CATALOGUE*

Mandata Orizzontale DN80 PN16 - RPM 1450 1/min 4 poli

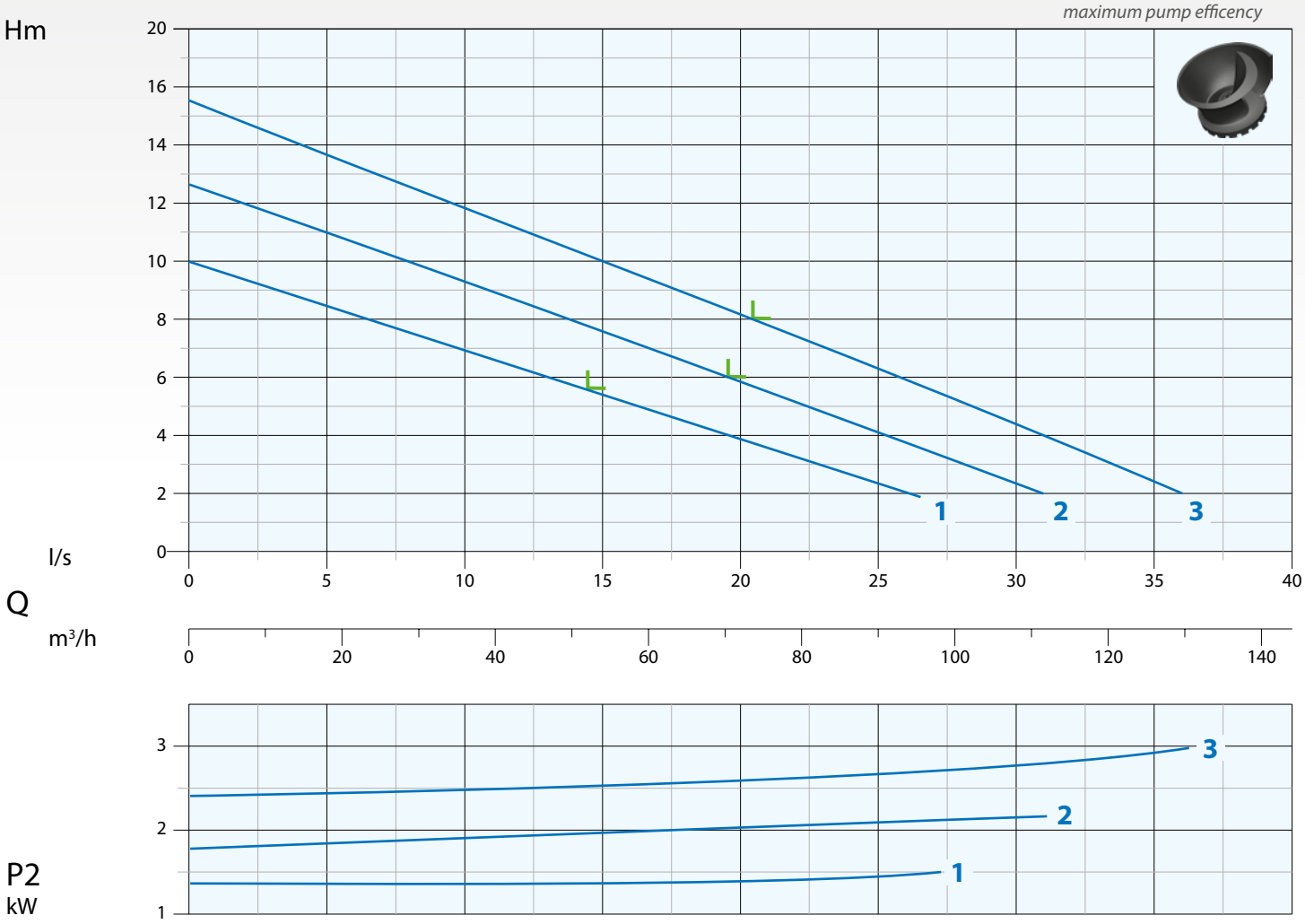
Horizontal Outlet DN80 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve

L = rendimento massimo pompa
maximum pump efficency



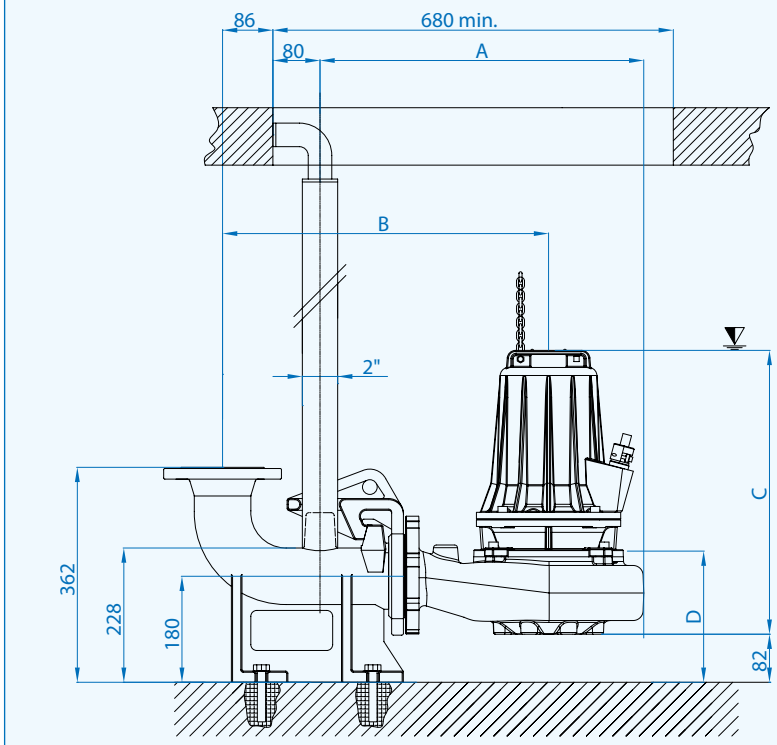
N°	Tipo *Type*	l/s	2,5	5	7,5	10	12,5	15	20	25	30	35
		l/m	150	300	450	600	750	900	1200	1500	1800	2100
		m³/h	9	18	27	36	45	54	72	90	108	126
1	AM-AT 80/4/125 C.242	mt	9	8,5	7,5	7	6	5,5	4	2,5		
2	AT 80/4/152 C.244		12	11	10	9,5	8,5	7,5	6	4	2,5	
3	AT 80/4/152 C.245		14,5	13,5	12,5	11,8	11	10	8	6,5	4,5	2,5

N°	Tipo *Type*	EX	Mandata *Delivery*	Passaggio *Free Passage*	kW P1	kW P2	HP	R.P.M. 1/min	A 1 Phase - 230V	A µf	A 3 Phase - 400V	Hz
1	AM-AT 80/4/125 C.242	•	DN80 PN16	75 mm	2,2	1,5	2	1450	10	45	3,8	50
2	AT 80/4/152 C.244	•			2,9	2,2	3				5,3	
3	AT 80/4/152 C.245	•			3,9	3	4				7,2	

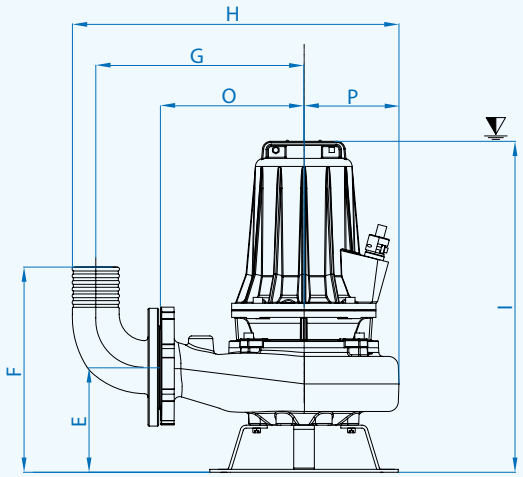
• Pompa antideflagrante disponibile con certificazioni:
Available explosion proof pump with certifications:

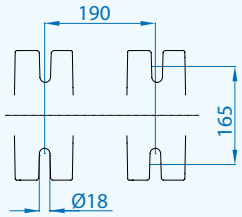
CE 0477
EPT 17 ATEX 2702 X

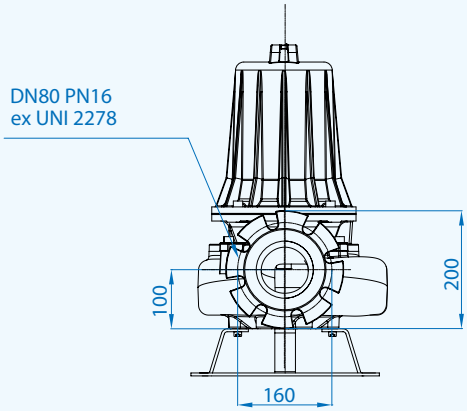
Ex II 2G Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°

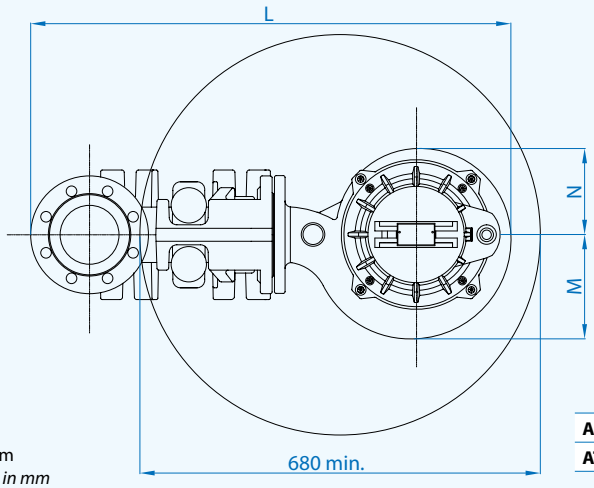


Sommergenza minima
Minimum submersion









Quote in mm
Dimensions in mm

	A	B	C	D	E	F	G	H	I	L	M	N	O	P
AM-AT 80/4/125 C.242	545	555	441	293	178	348	357	555	521	810	166	143	245	153
AT 80/4/152 C.244-245	552	555	479	227	177	348	353	562	562	818	177	146	245	153

Cavi / *Cables*

Pompe *Pumps*	Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
80/4/125	Standard	1 ~ 230V	H07RN8F	4x1,5+3x0,50 Ø15*	10
	ATEX		NSSHÖU-J	4x1,5+3x0,50 Ø17*	10
	Standard	3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15**	10
	ATEX	D.O.L.	NSSHÖU-J	4x1,5+3x0,50 Ø17**	10
80/4/152	Standard	3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15**	10
	ATEX	D.O.L.	NSSHÖU-J	4x1,5+3x0,50 Ø17**	10

* Di serie con Control-box (condensatore di spunto compreso)
Standard with Control-box (starting capacitor included)
** Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AM-AT 80/4/125 C.242	355	580	420	56
AT 80/4/152 C.244				69
AT 80/4/152 C.245				72

Accessori - *Optional*

Piede di accoppiamento
Tipo: DUTY 80 e B5
Automatic coupling foot
Type: DUTY 80 and B5

Curva flangiata con portagomma N2
Base di sostegno P5
Flanged hose connection N2
Foot support P5

Manico inox
Stainless steel handle

Quadri ATEX disponibili su richiesta
Explosion proof control box available on request

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Date_06/02/20

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
DRENO POMPE *CAN ALTER WITHOUT NOTIFICATIONS THE DATA MENTIONED IN THIS CATALOGUE*

Mandata Orizzontale DN100 PN16 - RPM 1450 1/min 4 poli

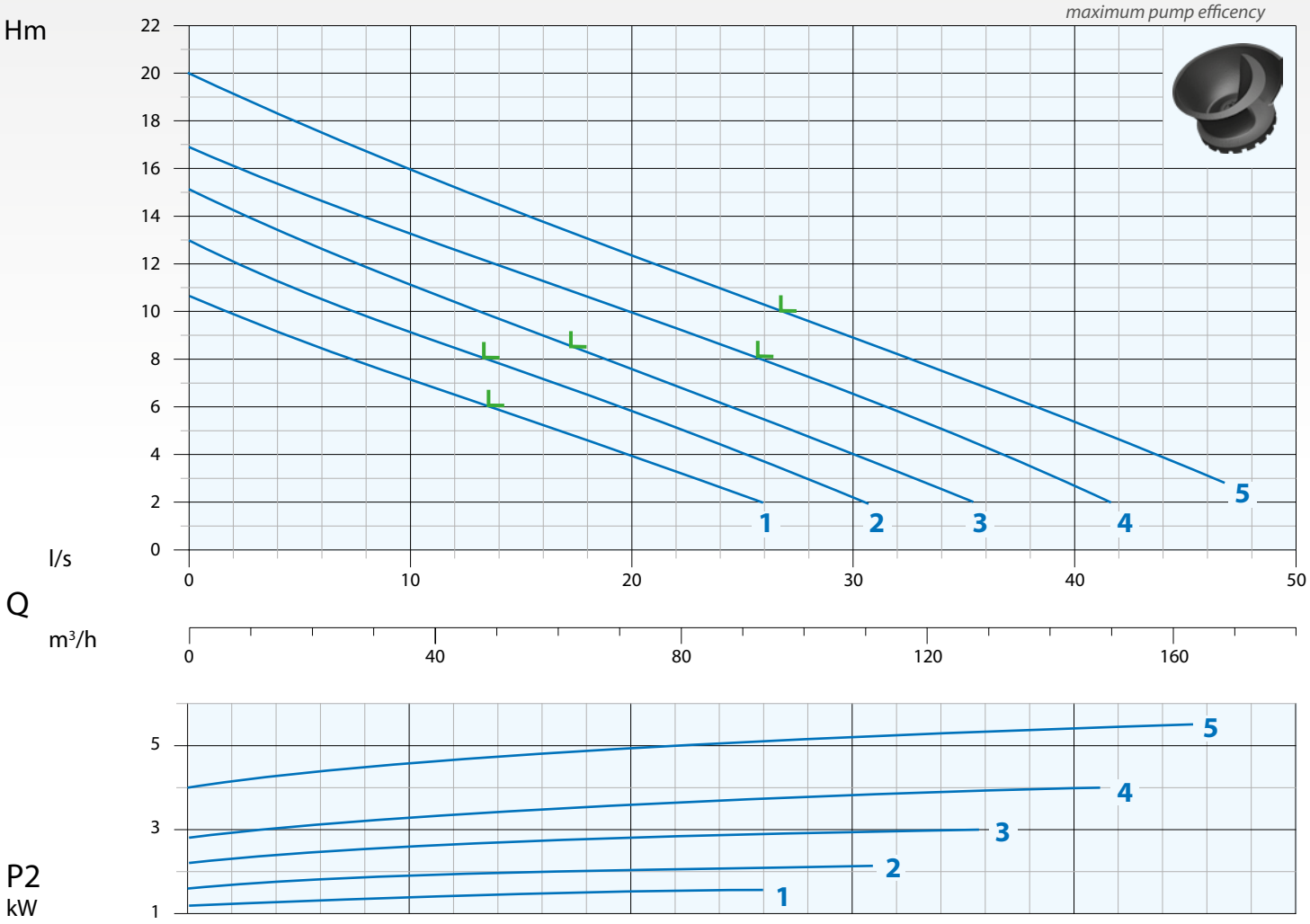
Horizontal Outlet DN100 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve

L = rendimento massimo pompa
maximum pump efficency



N°	Tipo *Type*	l/s	2	6	10	16	20	26	30	36	40	46
		l/m	120	360	600	960	1200	1560	1800	2160	2400	2760
		m³/h	7,2	21,6	36	57,6	72	93,6	108	129,6	144	165,6
1	AT 100/4/152 C.243	mt	10	8,5	7	5	4	2				
2	AT 100/4/152 C.244		12	10,5	9	7	6	3,5	2			
3	AT 100/4/152 C.245		14	12,5	11	9	7,5	5,5	4	2		
4	AT 100/4/173 C.255		16	14,5	13	11,5	10	8	6,5	4,5	2,5	
5	AT 100/4/173 C.256		19	17,5	16	13,5	12,5	10,5	9	7	5,5	3

N°	Tipo *Type*	EX	Mandata *Delivery*	Passaggio *Free Passage*	kW P1	kW P2	HP	R.P.M. 1/min	A 3 Phase - 400V	Hz
1	AT 100/4/152 C.243	•	DN100 PN16	75 mm	2,1	1,7	2,2	1450	3,9	50
2	AT 100/4/152 C.244	•			2,9	2,2	3		5,1	
3	AT 100/4/152 C.245	•			3,8	3	4		7	
4	AT 100/4/173 C.255	•		90 mm	5,1	4	5,5		9,2	
5	AT 100/4/173 C.256	•			6,4	5,5	7,5		11,5	

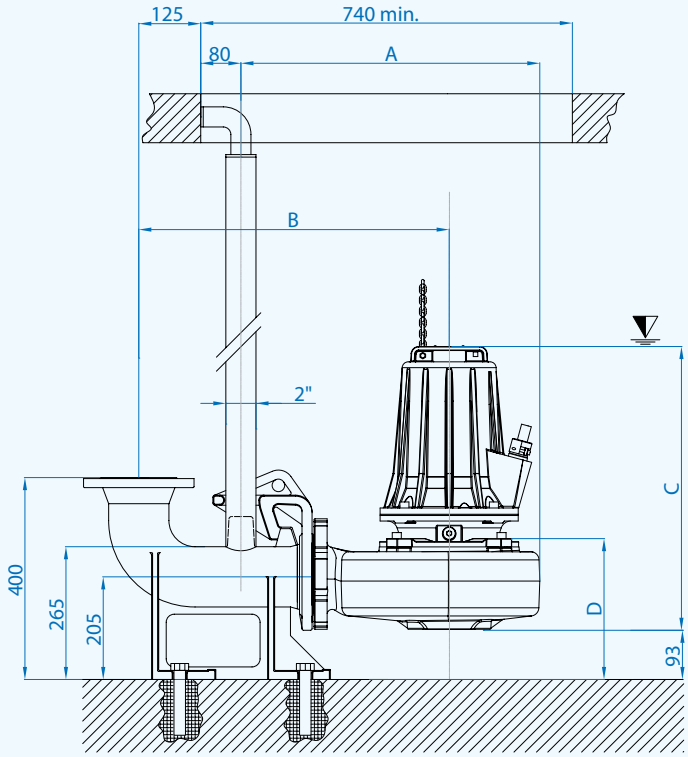
• Pompa antideflagrante disponibile con certificazioni:
Available explosion proof pump with certifications:

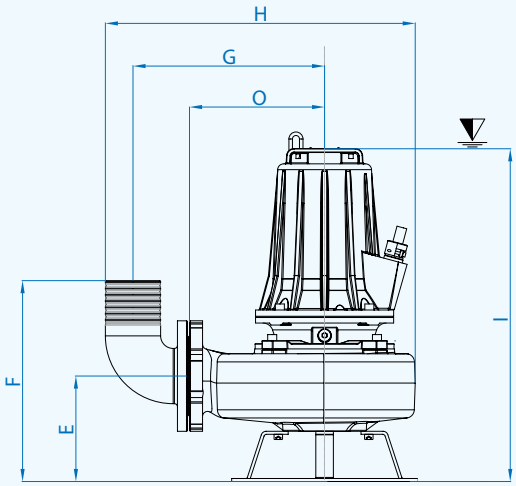
CE 0477
EPT 17 ATEX 2702 X

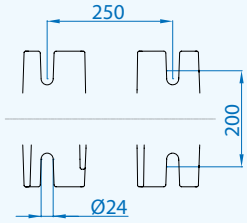
Ex II 2G
Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°

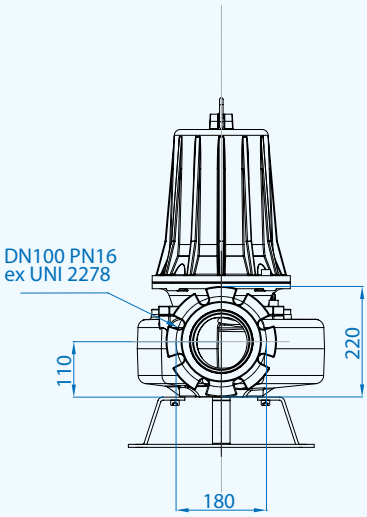
A4

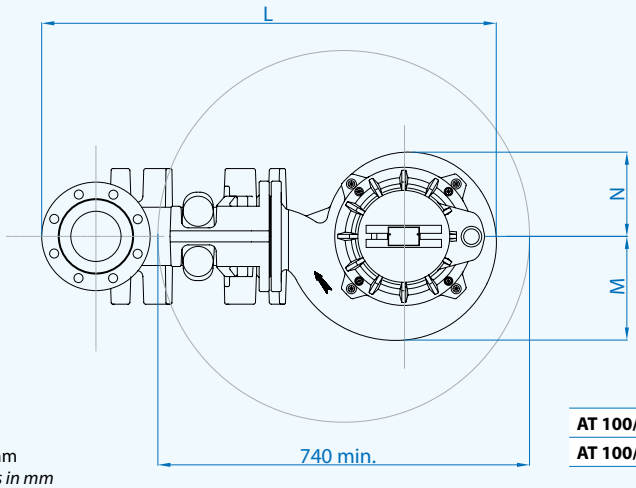
Sommergenza minima
Minimum submersion











	A	B	C	D	E	F	G	H	I	L	M	N	O
AT 100/4/152 C.243-244-245	549	592	486	249	210	398	355	573	586	864	189	149	242
AT 100/4/173 C.255-256	594	618	550	271	212	400	382	617	650	910	207	168	266

Quote in mm
Dimensions in mm

Cavi / *Cables*

Pompe *Pumps*	Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
100/4/152	Standard	3 ~ 400V D.O.L.	H07RN8F	4x1,5+3x0,50 Ø15*	10
	ATEX		NSSHÖU-J	4x1,5+3x0,50 Ø17*	10
100/4/173	Standard	3 ~ 400V Y-Δ	H07RN8F	7x1,5+3x0,50 Ø17*	10
	ATEX		NSSHÖU-J	7x1,5+3x0,50 Ø17*	10

* Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging Dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AT 100/4/152 C.243	400	620	470	73
AT 100/4/152 C.244				73,5
AT 100/4/152 C.245				75,5
AT 100/4/173 C.255				103
AT 100/4/173 C.256				108

Accessori - *Optional*

Piede di accoppiamento rapido Tipo: DUTY 100 e B6
Automatic coupling foot Type: DUTY 100 and B6

Curva flangiata portagomma N3
Base di sostegno P6
Flanged hose connection N3 Foot support P6

Manico inox
Stainless steel handle

Doc_Rev.2
Date_06/02/20

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
DRENO POMPE *CAN ALTER WITHOUT NOTIFICATIONS THE DATA MENTIONED IN THIS CATALOGUE*

Mandata Orizzontale DN150 PN16 - RPM 1450 1/min 4 poli

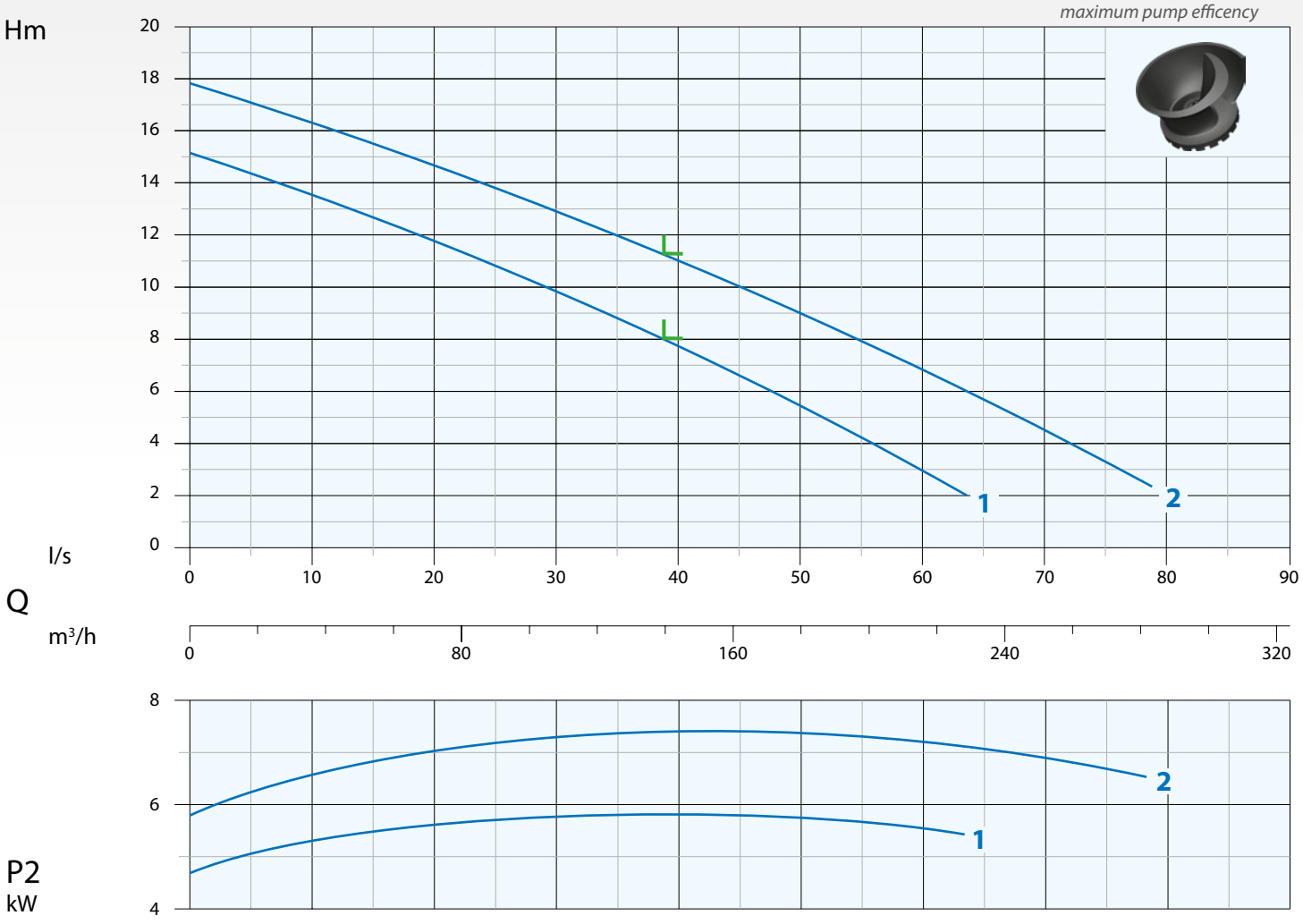
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve

L = rendimento massimo pompa
maximum pump efficency



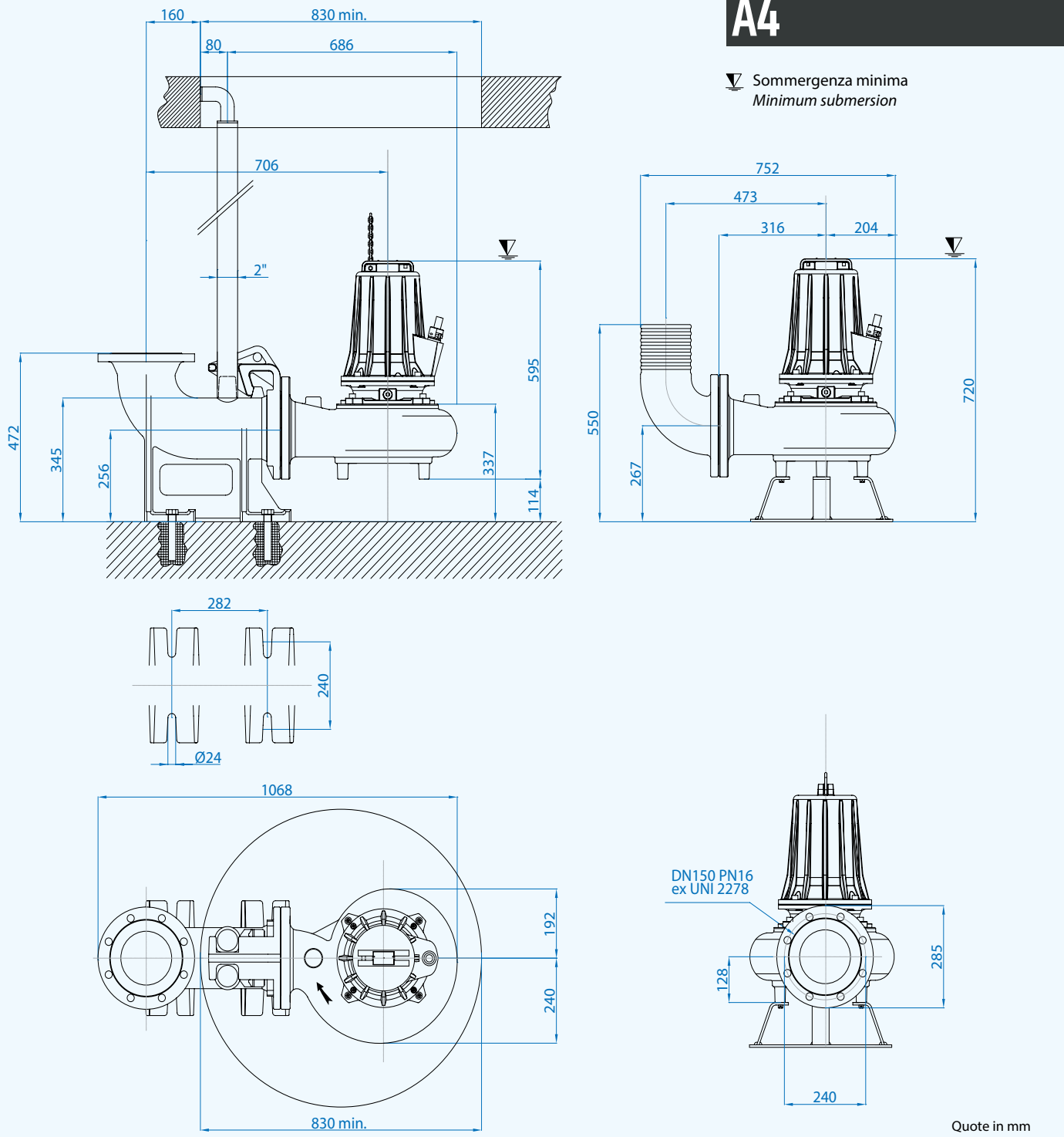
N°	Tipo *Type*										
		l/s	5	10	15	20	30	40	50	60	70	78
		l/m	300	600	900	1200	1800	2400	3000	3600	4200	4680
		m³/h	18	36	54	72	108	144	180	216	252	280,8
1	AT 150/4/173 C.256	mt	14,5	13,5	12,5	12	10	7,5	5,5	3		
2	AT 150/4/173 C.258		17	16,5	15,5	14,5	13	11	9	7	4,5	2,2

N°	Tipo *Type*	EX	Mandata *Delivery*	Passaggio *Free Passage*	kW		HP	R.P.M. 1/min	A 3 Phase - 400V	Hz
					P1	P2				
1	AT 150/4/173 C.256		DN150 PN16	100 mm	6,8	5,8	7,9	1450	12,1	50
2	AT 150/4/173 C.258	•	DN150 PN16	100 mm	9,1	7,5	10	1450	15,6	50

• Pompa antideflagrante disponibile con certificazioni:
Available explosion proof pump with certifications:

CE 0477
EPT 17 ATEX 2702 X
Ex II 2G
Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°

A4



Sommergenza minima
Minimum submersion

Quote in mm
Dimensions in mm

Cavi / *Cables*

Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
Standard	3 ~ 400V	H07RN8F	7x1,5+3x0,50 Ø17*	10
ATEX	Y-Δ	NSSHÖU-J	7x1,5+3x0,50 Ø17*	10

* Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AT 150/4/173 C.256	430	640	540	131
AT 150/4/173 C.258				132,5

Accessori - *Optional*

Piede di accoppiamento rapido Tipo: B7
Automatic coupling foot Type: B7

Curva flangiata portagomma N4
Base di sostegno P7
Flanged hose connection N4
Foot support P7

Manico inox
Stainless steel handle

Doc_Rev.1
Date_06/02/20

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
DRENO POMPE *CAN ALTER WITHOUT NOTIFICATIONS THE DATA MENTIONED IN THIS CATALOGUE*

Elettropompe sommergibili con girante monocanale chiuso

Submersible electropumps with close channel impeller

Potenze / *Power:*	**10÷60 kW**
Mandate / *Delivery:*	**DN150 - 200**

Impieghi

La serie A4 - A6 poli trova impiego nel pompaggio e nel drenaggio di liquidi chiari e fognari. L'ampia gamma e ottime efficienze idrauliche rendono la serie particolarmente adatta al essere utilizzata su: depuratori, fognature, zootecnia e canalizzazioni industriali, quali: aeroporti, metropolitane, ospedali, hotel.

Caratteristiche

Tutti i componenti principali sono realizzati in Ghisa GG25. Due tenute meccaniche separate (lato motore a bagno olio, lato girante a contatto con il liquido) e componentistica di prima qualità, ne garantiscono il perfetto funzionamento.

Motori

- Motori asincroni 4 - 6 poli con rotore a gabbia di scoiattolo
- Protezione termica T1 e T2 incorporato nel motore da collegare ad un apposito quadro di comando
- Isolamento statore classe F (155°C)
- Grado protezione IP 68

Raffreddamento

Raffreddamento effettuato dal liquido nel quale la pompa è immersa.

Limiti di impiego

- Temperatura massima del liquido: 40°C con unità completamente sommersa
- Disponibili versioni speciali (escluso ATEX) fino alla temperatura liquido di 60°C con unità completamente sommersa, non a servizio continuo (S1)
- Massima profondità di immersione: 20 mt
- Valori pH ammessi: 6-10
- Caratteristiche idrauliche valide per liquidi di densità <1,1 kg/dm^3
- Tensioni ammesse: 400V / 690V ±5%
- Frequenza ammessa: 50Hz ± 2%

Application

The A4 - A6 poles Series is used to pump clear liquids and sewage. The wide range and high hydraulic efficiency renders this series particularly suited to water treatment plants, sewers, farming and industrial plants including in airports, underground public transport, hospitals and hotels.

Characteristic

All main components are made of grey cast iron GG25. Two individual mechanical seals (motor side in the oil chamber, impeller side in contact with the liquid) and high quality parts, ensure the perfect functioning and reliability of the product.

Motor range

- *Squirrel cage motor 4 -6 poles*
- *Thermal protection T1 and T2 embedded in the motor winding (to be wired to the three pole contactor in the control panel)*
- *Class F insulation (155°C)*
- *IP 68 protection*

Motor cooling

The cooling of the motor is ensured by the liquid where the pump is submerged.

Limits of use

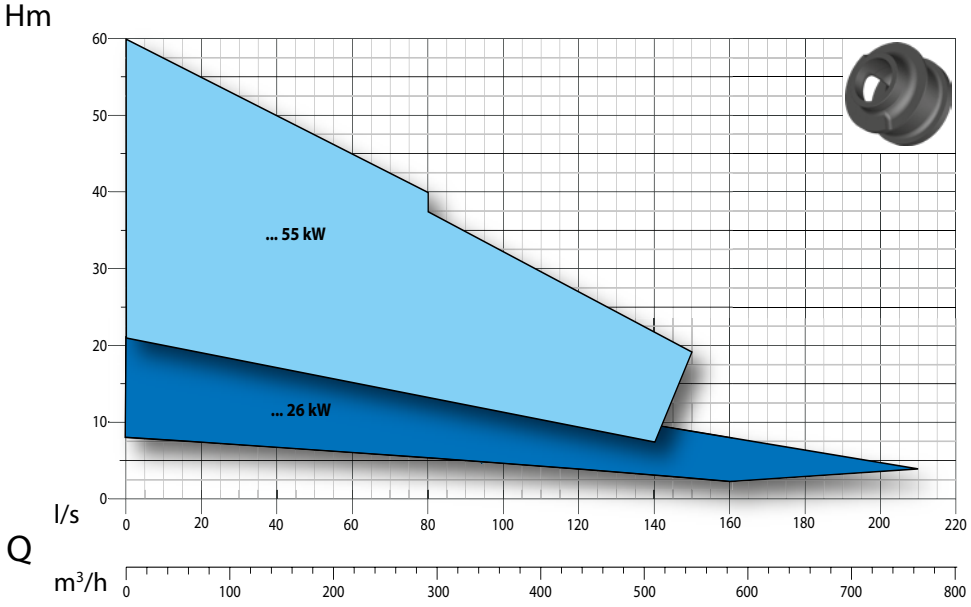
- *Max. permissible liquid temperature: 40°C with pump fully submerged*
- *On request, special version (excluded ATEX) to withstand liquid temperature up to 60°C with pump fully submerged, no S1 service*
- *Maximum depth of immersion: 20 mt.*
- *Permissible pH value: 6-10*
- *Hydraulic features suitable for liquids with density <1,1 kg/dm^3*
- *Allowed voltage: 400V - 690V ±5%*
- *Allowed frequency: 50Hz ±2%*

Designazione / *Designation*

AT-EX 150 / 4 / 240 C.275

- Serie pompa / *Pump series*
- Certificazione ATEX / *ATEX certification*
- Bocca di mandata DN / *Delivery DN*
- Numero poli / *Poles number*
- Diametro statore / *Stator's size*
- Numero della curva / *Curve reference*

Campo di Prestazione / *Performance Overview*



Identificazione Curve

Curves Identification

- DN150
- DN200

Normative

Norms

Curve secondo ISO 9906:2012 3B2
According to ISO 9906:2012 3B2

Distinta dei componenti e materiali
List of components and materials

Golfare - *Hook*
Acciaio inox AISI 416 - *Stainless steel AISI 416*

Porta cuscinetto superiore - *Upper bearing support*
Ghisa GG25 - *Cast iron GG25*

Cassa motore - *Motor casing*
Ghisa GG25 - *Cast Iron GG25*

Cuscinetto superiore - *Upper bearing*

Albero motore - *Motor shaft*
Acciaio inox AISI 420 - *stainless steel 420*

Motore elettrico - *Electric motor*

Rotore - *Rotor*

Cuscinetto inferiore - *Lower bearing*

Porta motore - *Motor holder*
Ghisa GG25 - *Cast iron GG25*

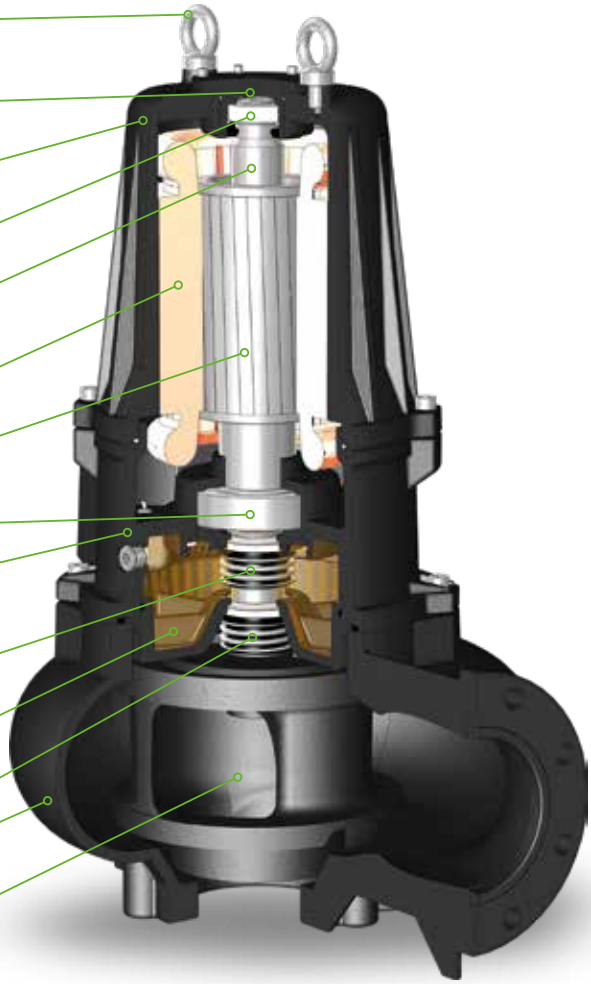
Tenuta meccanica - *Mechanical seal*
Carburo di silicio - *Silicon/Carbide* (SIC/SIC/Viton)

Disco di chiusura - *Closing plate*
Ghisa GG25 - *Cast iron GG25*

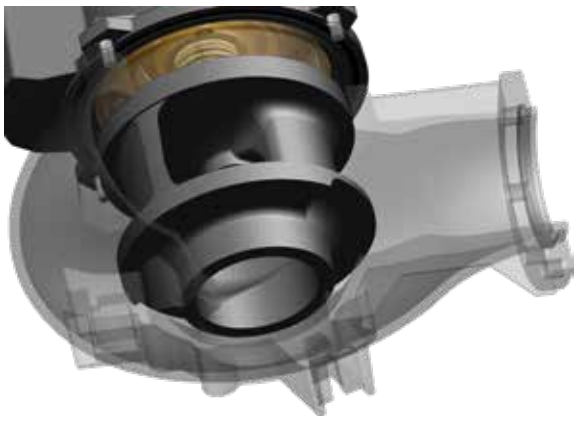
Tenuta meccanica - *Mechanical seal*
Carburo di silicio - *Silicon/Carbide* (SIC/SIC/Viton)

Corpo pompa - *Body pump*
Ghisa GG25 - *Cast iron GG25*

Girante - *Impeller*
Ghisa GG25 - *Cast iron GG25*



Tecnologie e Soluzioni
Technology and Features



Giranti
La serie monta giranti Monocanali Chiusi ad alte prestazioni. Gli ampi passaggi permettono il passaggio di corpi solidi fino a 130mm

Impellers
This range of pump features close double channel impeller with excellent performance and free passage of solids up to 130 mm.

Pompe antideflagranti / *Explosion proof pumps*

CE 0477 Ex II 2G Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°
EPT 17 ATEX 2703 X

I presenti certificati garantiscono la sicurezza contro le esplosioni, in assoluta conformità con le stringenti direttive europee ed internazionali ATEX/IECEx.

These certificates grant for the safe use of the product in hazardous area in line with the stringent European and International standards ATEX/IECEx.

Sensore d'umidità
Sensore conforme alle norme sulla sicurezza integrata contro le esplosioni EN 60079-0, EN 60079-1 tramite barriera di protezione. Di serie su tutta la gamma (non applicabile con IECEx).

Seal leak detector
The seal leak detector is certified according to the norm EN 60079-0, EN 60079-1 (through safety barrier) and fitted standard on all series (not applicable with IECEx).

Cuscinetti
La serie monta il cuscinetto superiore a rulli cilindrici, atto ad assorbire e resistere ad eventuali sollecitazioni trasmesse dall'albero motore.

Bearings
The series is fitted with a cylindrical roller bearing (upper bearing) to absorb the thrust and vibration generated by the pump shaft.

150/4

Mandata Orizzontale DN150 PN16 - RPM 1450 1/min 4 poli

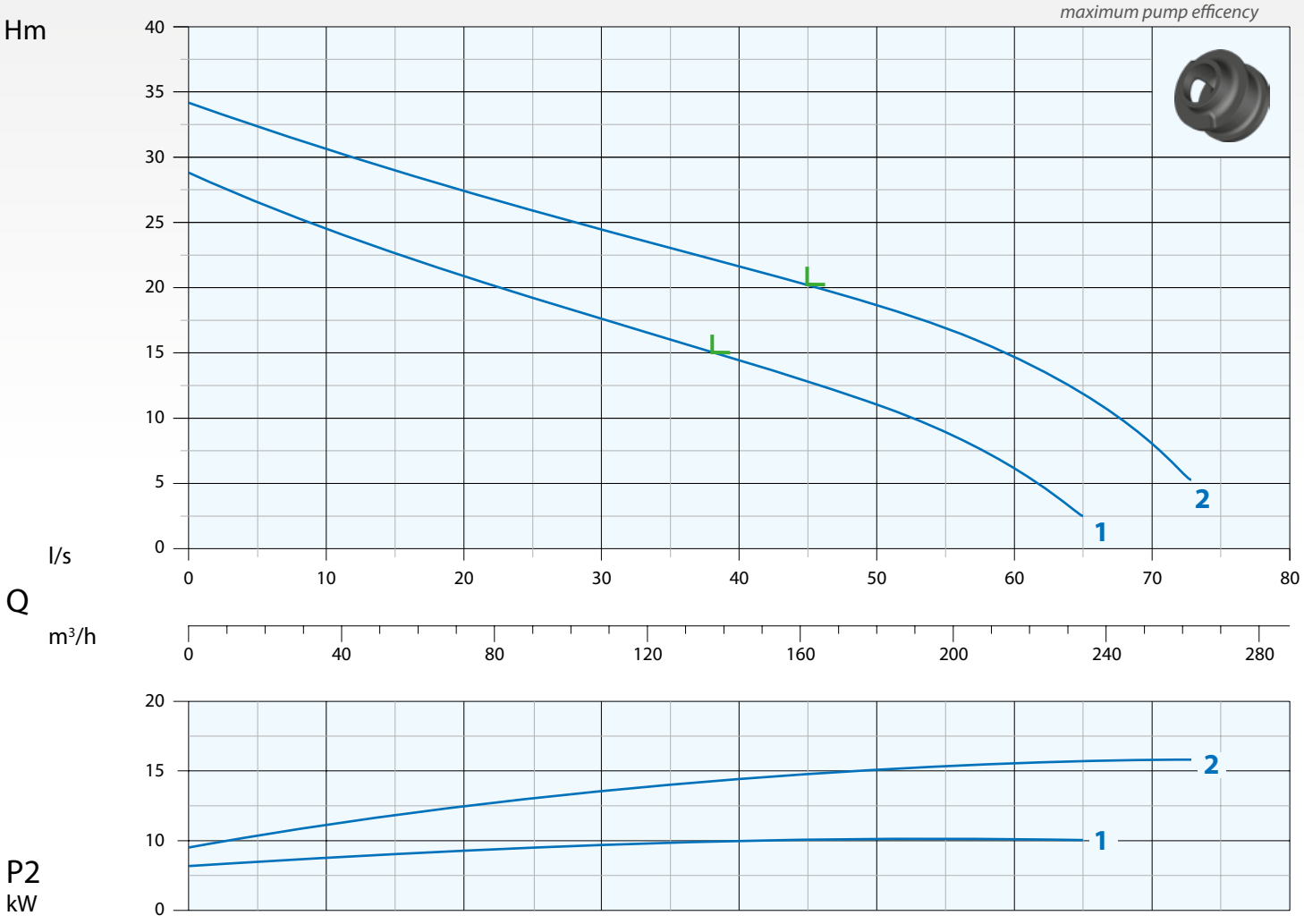
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve

L = rendimento massimo pompa
maximum pump efficency



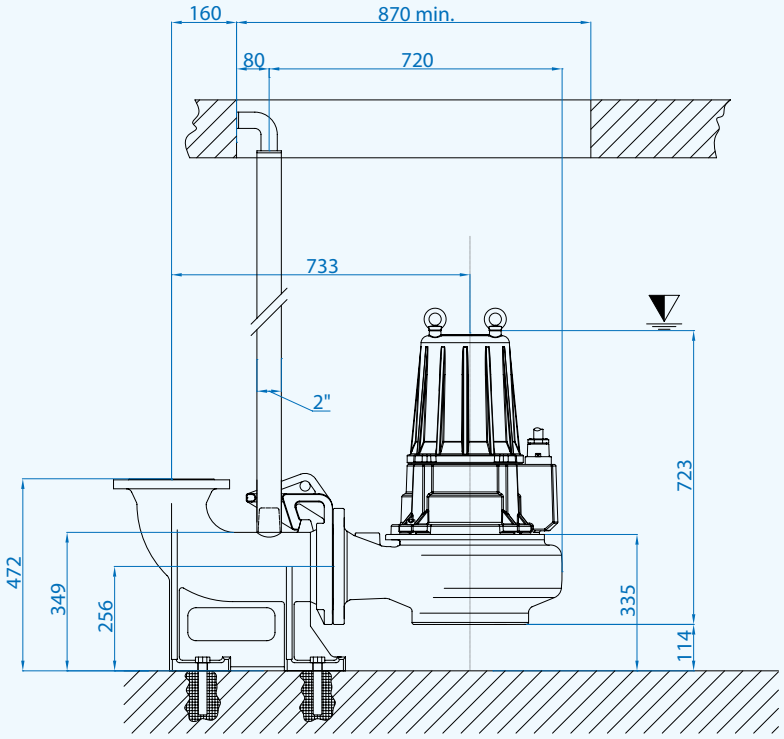
N°	Tipo *Type*										
		l/s	5	10	15	20	25	30	40	50	60	70
		l/m	300	600	900	1200	1500	1800	2400	3000	3600	4200
		m³/h	18	36	54	72	90	108	144	180	216	252
1	AT 150/4/200 C.260	mt	26,5	24	22,5	21	19	17,5	14,5	11	6	
2	AT 150/4/200 C.263		32,5	31	28,5	27,5	26,5	24	21,5	18,5	15	7,5

N°	Tipo *Type*	EX	Mandata *Delivery*	Passaggio *Free Passage*	kW		HP	R.P.M. 1/min	A	Hz
					P1	P2			3 Phase - 400V	
1	AT 150/4/200 C.260	•	DN150 PN16	80 mm	11,7	10	13,5	1450	21,3	50
2	AT 150/4/200 C.263	•			18,7	16	22,5		33,2	

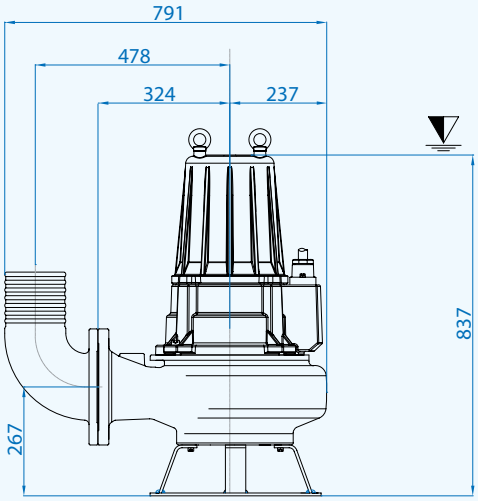
• Pompa antideflagrante disponibile con certificazioni:
Available explosion proof pump with certifications:

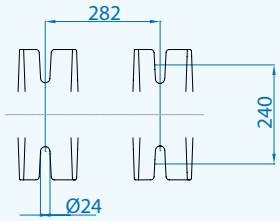
CE 0477
EPT 17 ATEX 2703 X

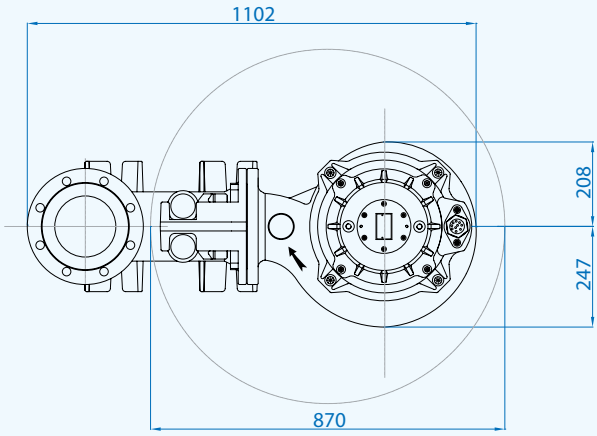
Ex II 2G
Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°

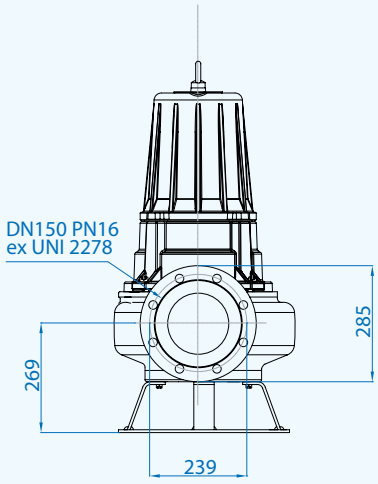


Sommergenza minima
Minimum submersion









Quote in mm
Dimensions in mm

Cavi / *Cables*

Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
Standard	3 ~ 400V	H07RN8F	10x2,5 Ø 23*	10
ATEX	Y-Δ	NSSHÖU-J	7x2,5+3x0,50 Ø 20*	10

* Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AT 150/4/200 C.260	570	950	670	230
AT 150/4/200 C.263				256

Accessori - *Optional*

Piede di accoppiamento rapido Tipo: B7
Automatic coupling foot Type: B7

Curva flangiata portagomma N4
Base di sostegno P7
Flanged hose connection N4
Foot support P7

Doc_Rev.1
Date_06/02/20

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
DRENO POMPE *CAN ALTER WITHOUT NOTIFICATIONS THE DATA MENTIONED IN THIS CATALOGUE*

Mandata Orizzontale DN150 PN16 - RPM 1450 1/min 4 poli

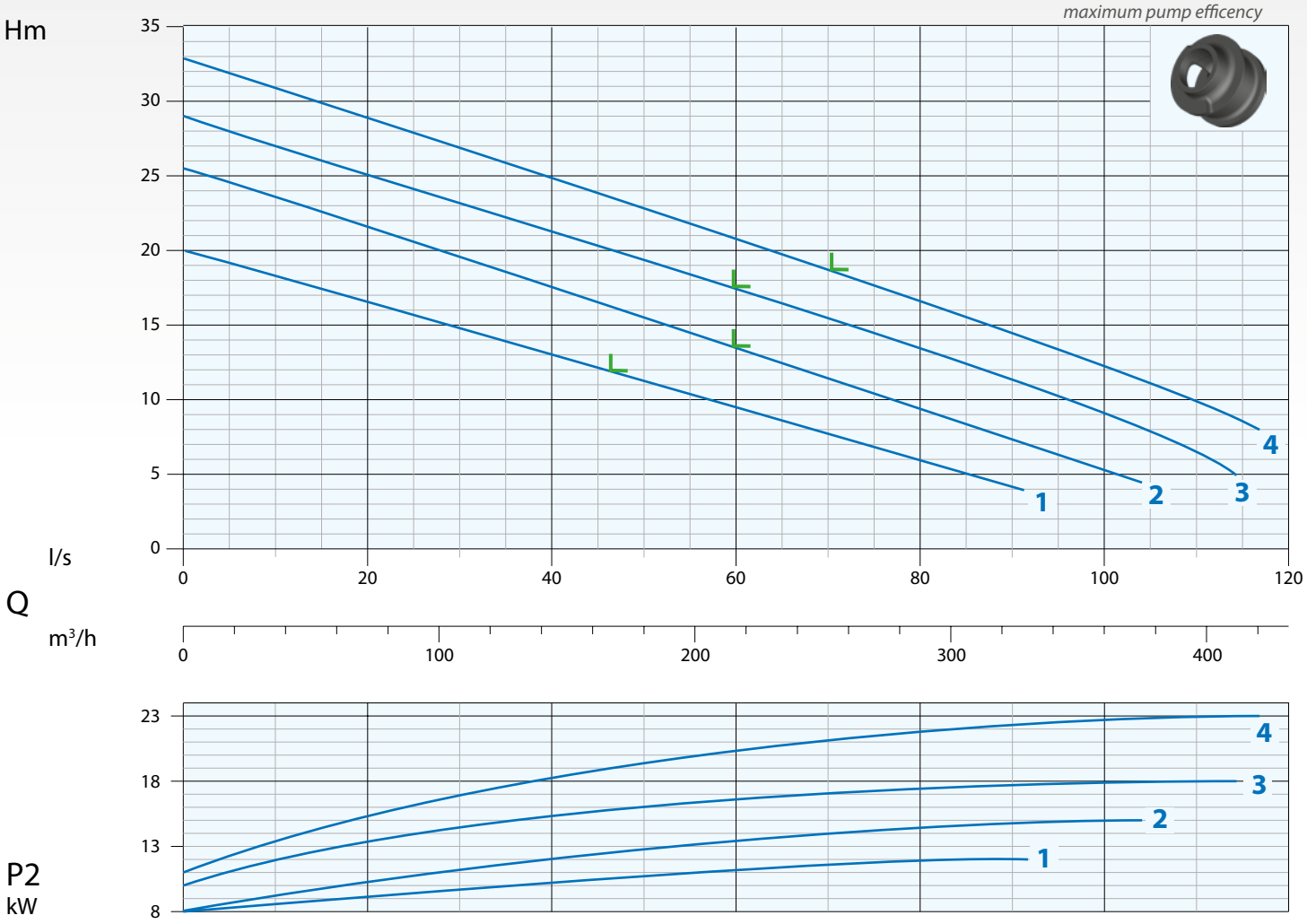
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve

= rendimento massimo pompa
maximum pump efficency



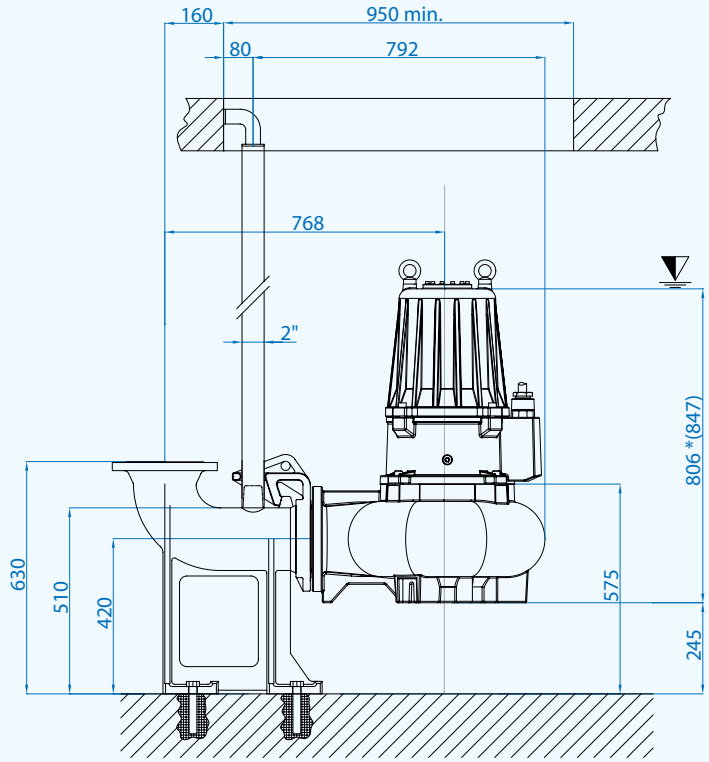
N°	Tipo *Type*	l/s	10	20	30	40	50	60	70	80	90	110
		l/m	600	1200	1800	2400	3000	3600	4200	4800	5400	6600
		m³/h	36	72	108	144	180	216	252	288	324	396
1	AT 150/4/200 C.264	mt	18	16,5	15	13	11	9,5	7,5	6	4	
2	AT 150/4/200 C.265		23,5	21,5	19,5	17,5	15,5	13,5	11,5	9,5	7	
3	AT 150/4/240 C.275		27	25	23	21	19,5	17,5	15,5	13,5	11	6,5
4	AT 150/4/240 C.280		31	29	27	25	23	21	18,5	16,5	14,5	10

N°	Tipo *Type*	EX	Mandata *Delivery*	Passaggio *Free Passage*	kW P1	kW P2	HP	R.P.M. 1/min	A 3 Phase - 400V	Hz
1	AT 150/4/200 C.264	•	DN150 PN16	110 mm	12,8	11	16	1450	23,4	50
2	AT 150/4/200 C.265	•			17,6	15	22		31,8	
3	AT 150/4/240 C.275	•		120 mm	20,3	18	24		39,7	
4	AT 150/4/240 C.280	•			25,9	23	31		47,7	

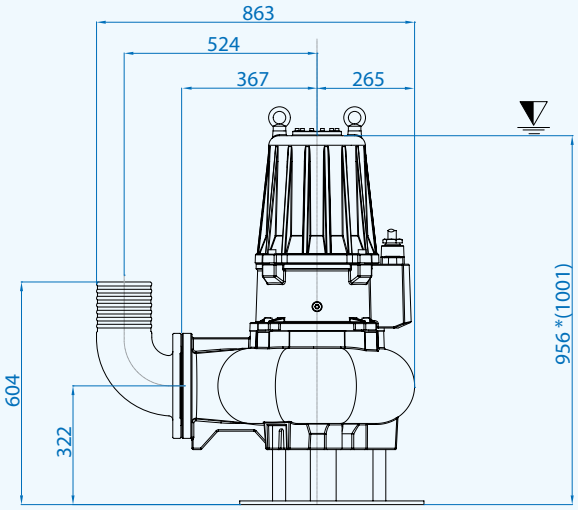
• Pompa antideflagrante disponibile con certificazioni:
Available explosion proof pump with certifications:

CE 0477
EPT 17 ATEX 2703 X

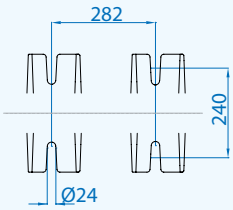
Ex II 2G
Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°

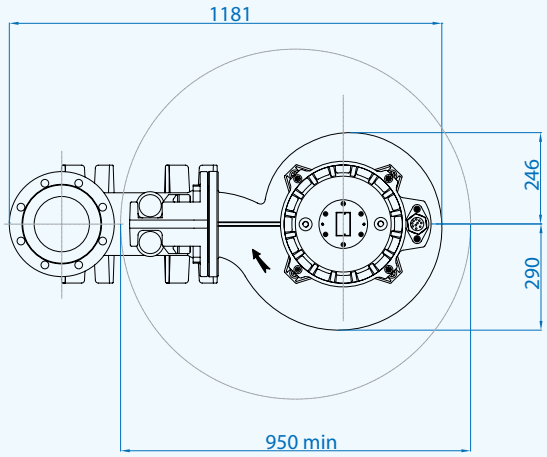


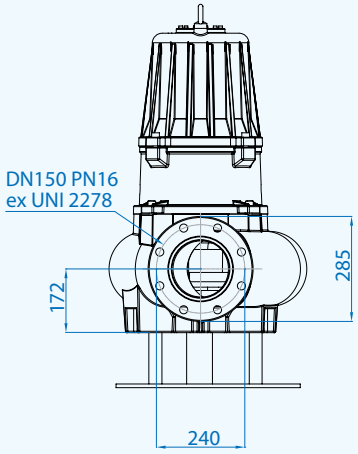
Sommergenza minima
Minimum submersion



* (AT 150/4/240 C.275-280)







Quote in mm
Dimensions in mm

Cavi / *Cables*

Pompe *Pumps*	Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
150/4/200	Standard	3 ~ 400V Y-Δ	H07RN8F	10x2,5 Ø23*	10
	ATEX		NSSHÖU-J	7x2,5+3x0,50 Ø20*	10
150/4/240	Standard	3 ~ 400V Y-Δ	H07RN8F	7x4+3x1 Ø20,5*	10
	ATEX		NSSHÖU-J	7x6+3x1 Ø24*	10

* Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AT 150/4/200 C.264	570	950	670	260
AT 150/4/200 C.265				276
AT 150/4/240 C.275				308
AT 150/4/240 C.280				328

Accessori - *Optional*

Piede di accoppiamento rapido Tipo: B8
Automatic coupling foot Type: B8

Curva flangiata portagomma N4
Base di sostegno P8
Flanged hose connection N4
Foot support P8

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DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
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Mandata Orizzontale DN150 PN16 - RPM 1450 1/min 4 poli

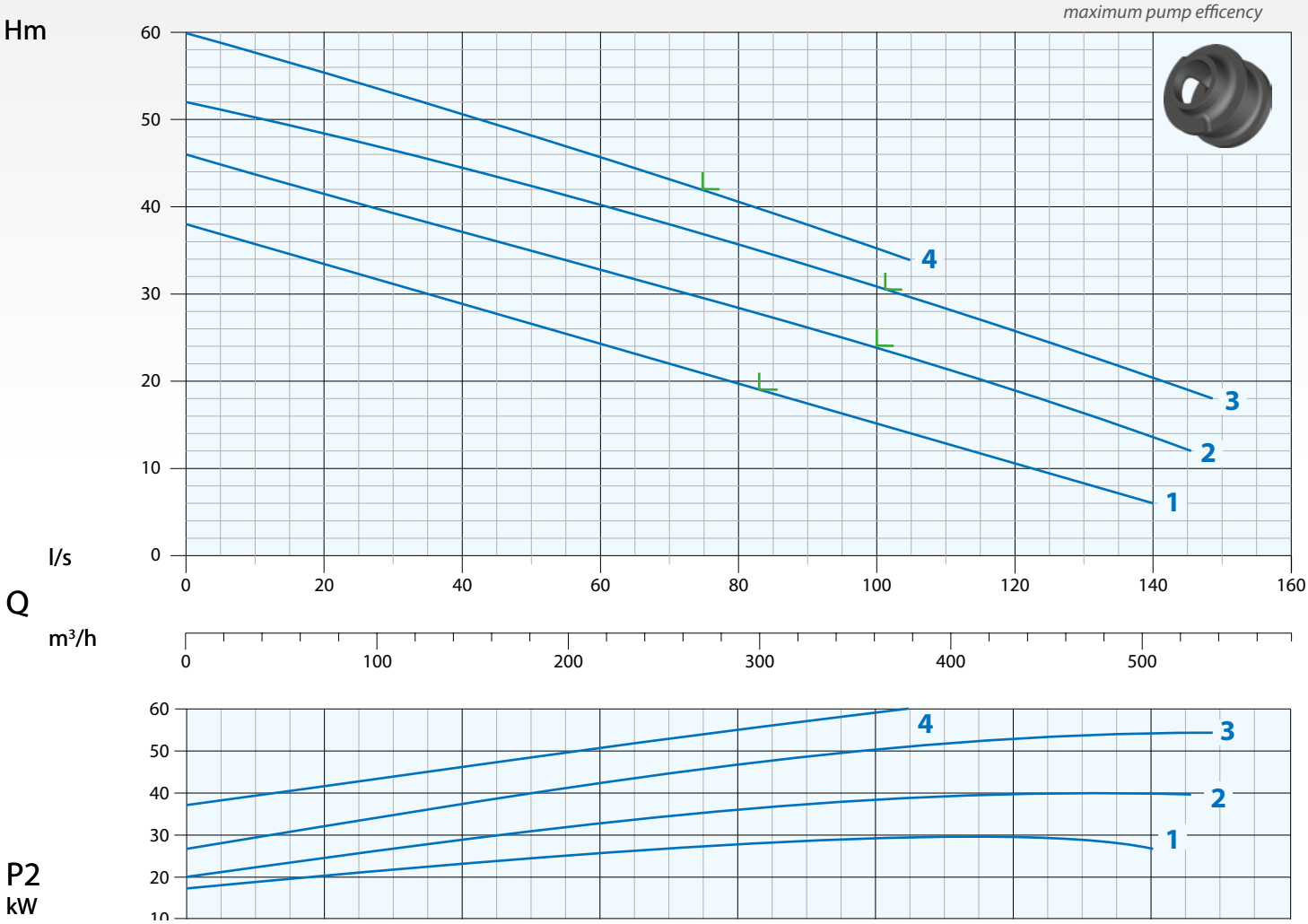
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve

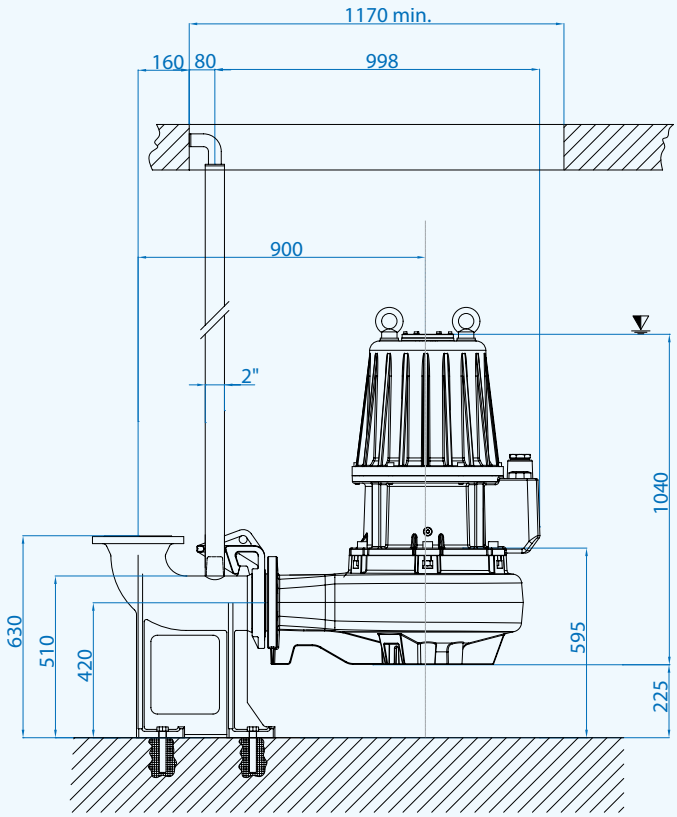
L = rendimento massimo pompa
maximum pump efficency

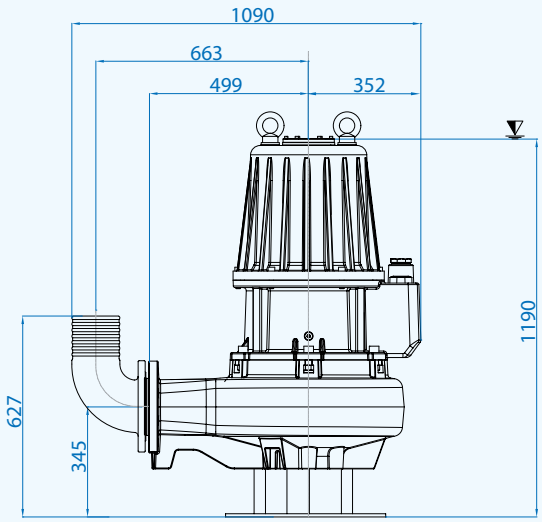


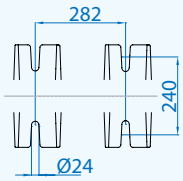
N°	Tipo *Type*	l/s	10	20	30	40	50	60	80	100	120	140
		l/m	600	1200	1800	2400	3000	3600	4800	6000	7200	8400
		m³/h	36	72	108	144	180	216	288	360	432	504
1	AT 150/4/340 C.285	mt	36	34	31	29	26	24	20	15	10	6
2	AT 150/4/340 C.290		44	42	39	37	35	33	28	24	19,5	14
3	AT 150/4/340 C.295		50	48	46	44	42	40	36	31	26	20
4	AT 150/4/340 C.300		58	56	53	51	48	46	41			

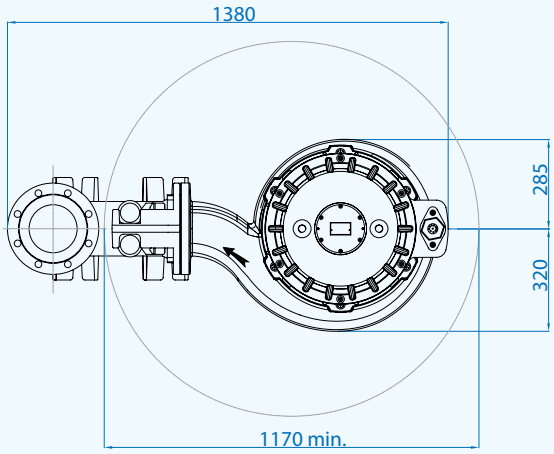
N°	Tipo *Type*	Mandata *Delivery*	Passaggio *Free Passage*	kW		HP	R.P.M. 1/min	A	Hz
				P1	P2			3 Phase - 400V	
1	AT 150/4/340 C.285	DN150 PN16	110 mm	33	30	40	1450	59	50
2	AT 150/4/340 C.290		120 mm	42	40	53,5		73,1	
3	AT 150/4/340 C.295		130 mm	54,6	51	61		98,6	
4	AT 150/4/340 C.300		140 mm	64	60	68		108,6	

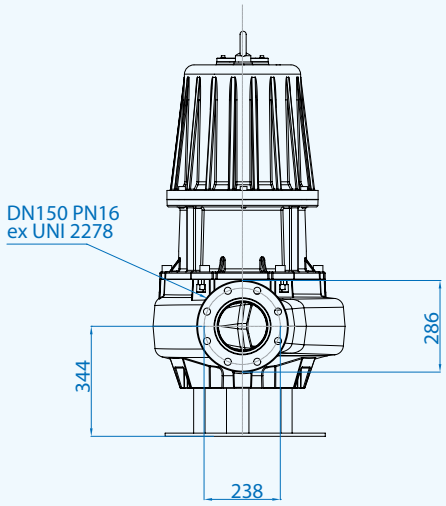
Sommergenza minima
Minimum submersion











Quote in mm
Dimensions in mm

Cavi / *Cables*

Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
Standard	3 ~ 400V Y-Δ	H07RN8F	7x10+5x1 Ø29*	10

* Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AT 150/4/340 C.285	980	1310	730	550
AT 150/4/340 C.290				585
AT 150/4/340 C.295				600
AT 150/4/340 C.300				600

Accessori - *Optional*

Piede di accoppiamento rapido Tipo: B8
Automatic coupling foot Type: B8

Curva flangiata portagomma N4
Base di sostegno P8
Flanged hose connection N4
Foot support P8

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Date_06/02/20

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
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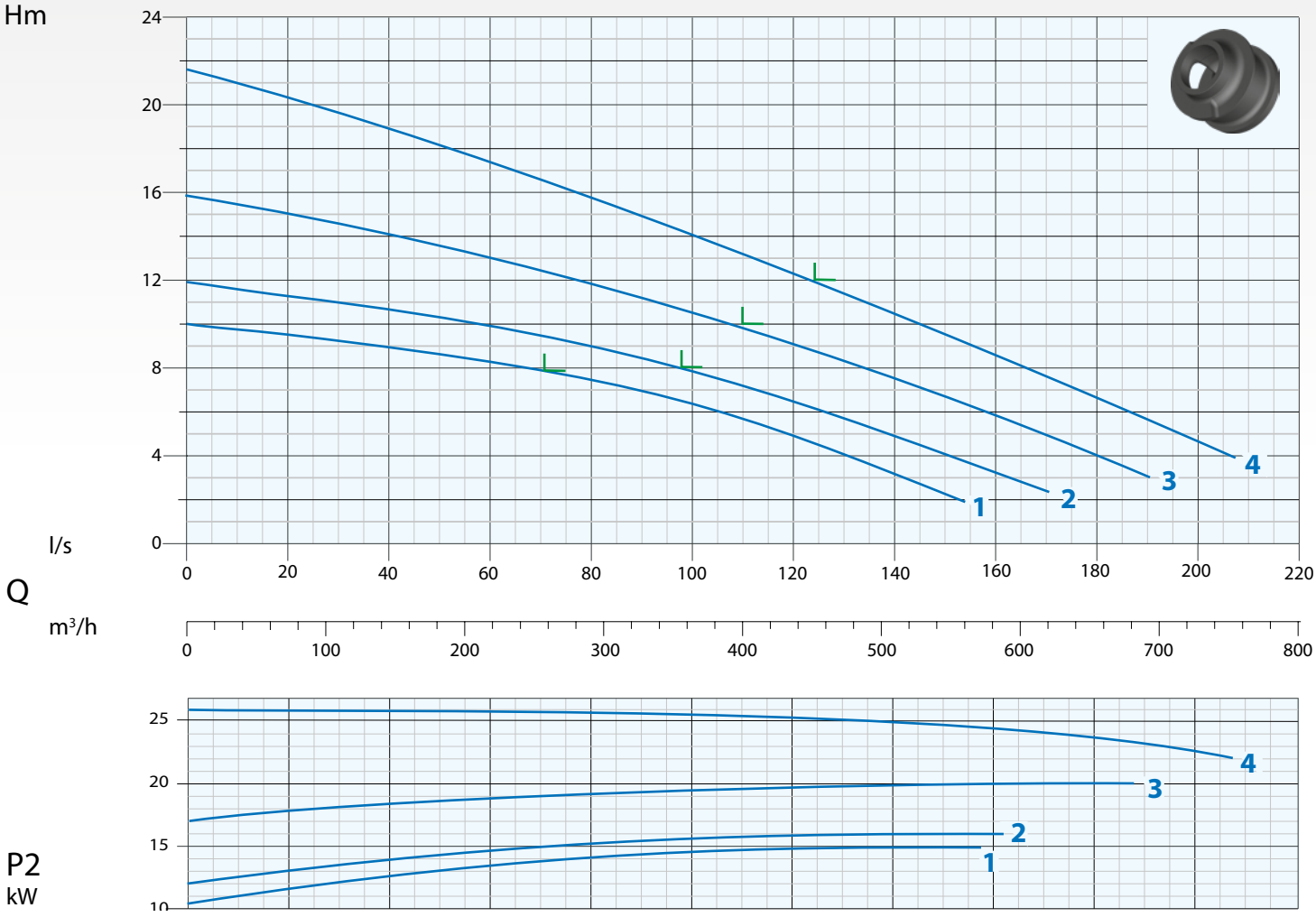
Mandata Orizzontale DN200 PN10 - RPM 1450 1/min 4 poli

Horizontal Outlet DN200 PN10 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve



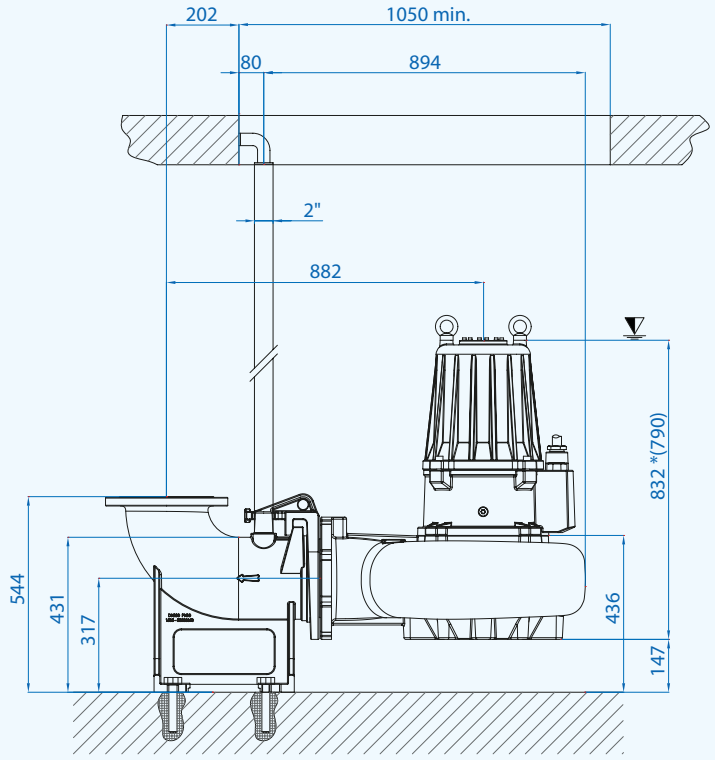
N°	Tipo *Type*	l/s	20	40	60	80	100	120	140	160	180	200
		l/m	1200	2400	3600	4800	6000	7200	8400	9600	10800	12000
		m³/h	72	144	216	288	360	432	504	576	648	720
1	AT 200/4/200 C.265	mt	9,5	9	8,5	7,5	6,5	5	3			
2	AT 200/4/240 C.270		11,5	10,5	10	9	8	6,5	5	2,5		
3	AT 200/4/240 C.275		15	14	13	11,5	10,5	9	7,5	5	4	
4	AT 200/4/240 C.280		20	18,5	17	15,5	14	12	10,5	9	7	5

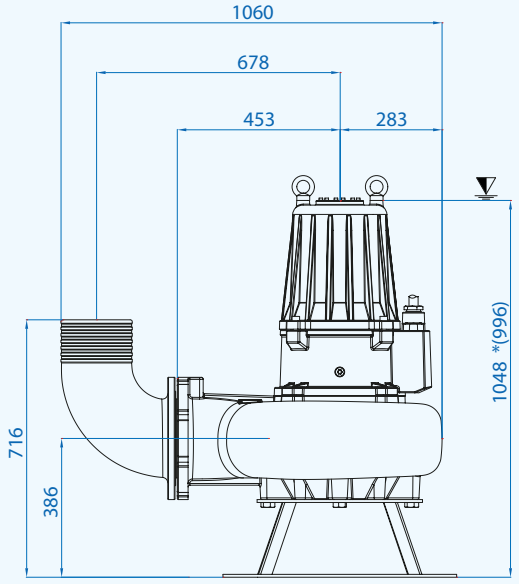
N°	Tipo *Type*	EX	Mandata *Delivery*	Passaggio *Free Passage*	kW P1	kW P2	HP	R.P.M. 1/min	A 3 Phase - 400V	Hz
1	AT 200/4/200 C.265	•	DN200 PN10	110 mm	18	15	20,4	1450	31,8	50
2	AT 200/4/240 C.270	•		110 mm	19,8	17	23,1		38,8	
3	AT 200/4/240 C.275	•		110 mm	22,6	20	27,2		41,4	
4	AT 200/4/240 C.280	•		110 mm	29,3	26	35,3		54,8	

• Pompa antideflagrante disponibile con certificazioni:
Available explosion proof pump with certifications:

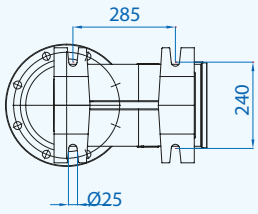
CE 0477
EPT 17 ATEX 2703 X

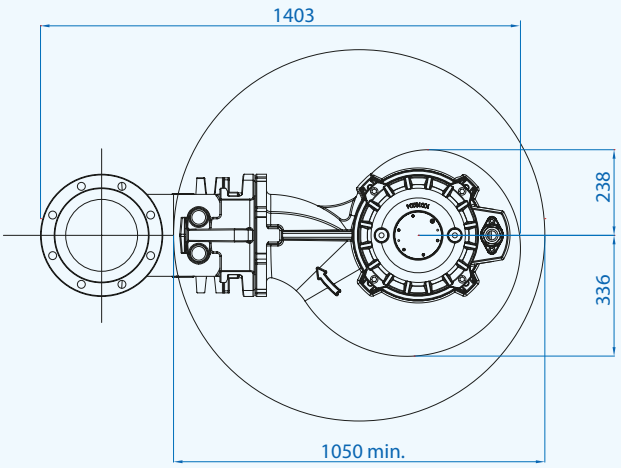
Ex II 2G
Ex db IIB T4 Gb
Ex h IIB T4 Gb
0°≤ Ta ≤ 40°

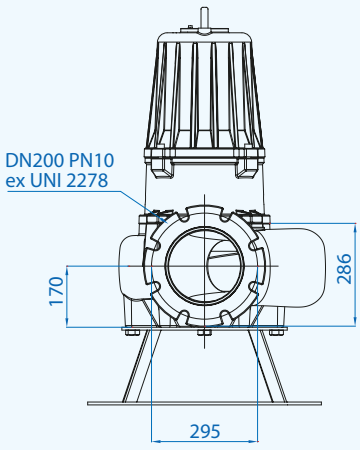




* (AT 200/4/200 C.265)







Quote in mm
Dimensions in mm

Cavi / *Cables*

Pompe *Pumps*	Versione *Version*	Fasi *Phases*	Cavo *Cable*	Sezione cavo mm² *Cable cross section mm²*	mt
200/4/200	Standard	3 ~ 400V Y-Δ	H07RN8F	10x2,5 Ø23*	10
	ATEX		NSSHÖU-J	7x2,5+3x0,50 Ø20*	10
200/4/240	Standard	3 ~ 400V Y-Δ	H07RN8F	7x4+3x1 Ø20,5*	10
	ATEX		NSSHÖU-J	7x6+3x1 Ø24*	10

* Terminali liberi - *Free terminals*

Dimensioni imballo / *Packaging dimension*

Tipo - *Type*	X mm	Y mm	Z mm	Kg
AT 200/4/200 C.265	980	1310	730	296
AT 200/4/240 C.270				340
AT 200/4/240 C.275				341
AT 200/4/240 C.280				343

Accessori - *Optional*

Piede di accoppiamento rapido Tipo: B9
Automatic coupling foot Type: B9

Curva flangiata portagomma N6
Base di sostegno P9
Flanged hose connection N6
Foot support P9

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DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO
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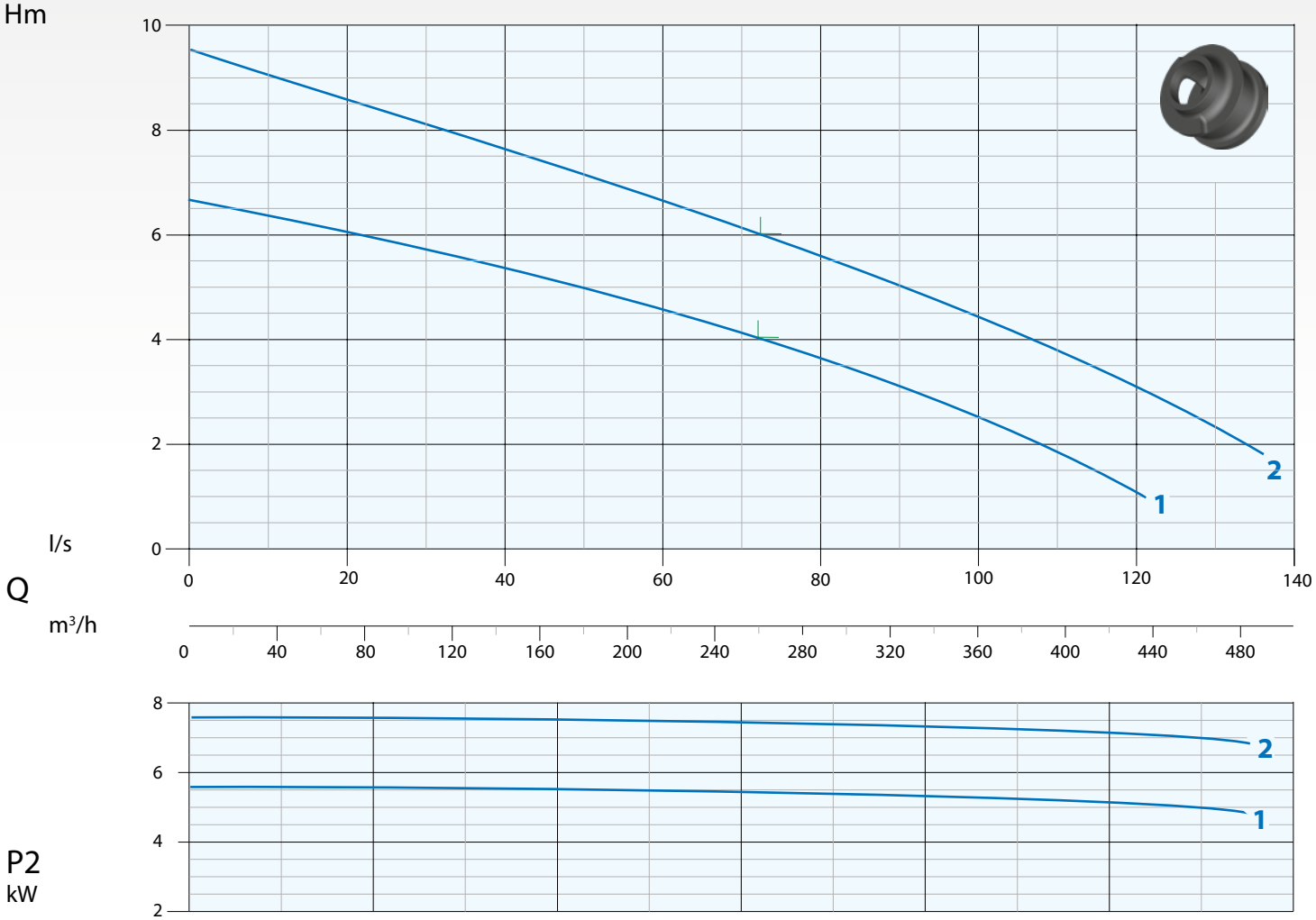
Mandata Orizzontale DN200 PN10 - RPM 960 1/min 6 poli

Horizontal Outlet DN200 PN10 - RPM 960 1/min 6 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only

Curva di Prestazione

Performance Curve



N°	Tipo *Type*	l/s	10	20	30	40	50	60	80	100	120	130
		l/m	600	1200	1800	2400	3000	3600	4800	6000	7200	7800
		m³/h	36	72	108	144	144	216	288	360	432	468
1	AT 200/6/240 C.275	mt	6,5	6	5,7	5,4	5	4,5	3,6	2,5	1,5	
2	AT 200/6/240 C.280		9	8,5	8	7,6	7,2	6,6	5,5	4,5	3	2,3

N°	Tipo *Type*	Mandata *Delivery*	EX	Passaggio *Free Passage*	kW P1	kW P2	HP	R.P.M. 1/min	A 3 Phase - 400V	Hz
1	AT 200/6/240 C.275	DN200 PN10	•	110 mm	6,6	5,5	7,5	960	14,2	50
2	AT 200/6/240 C.280		•	110 mm	9	7,5	10		17,5	

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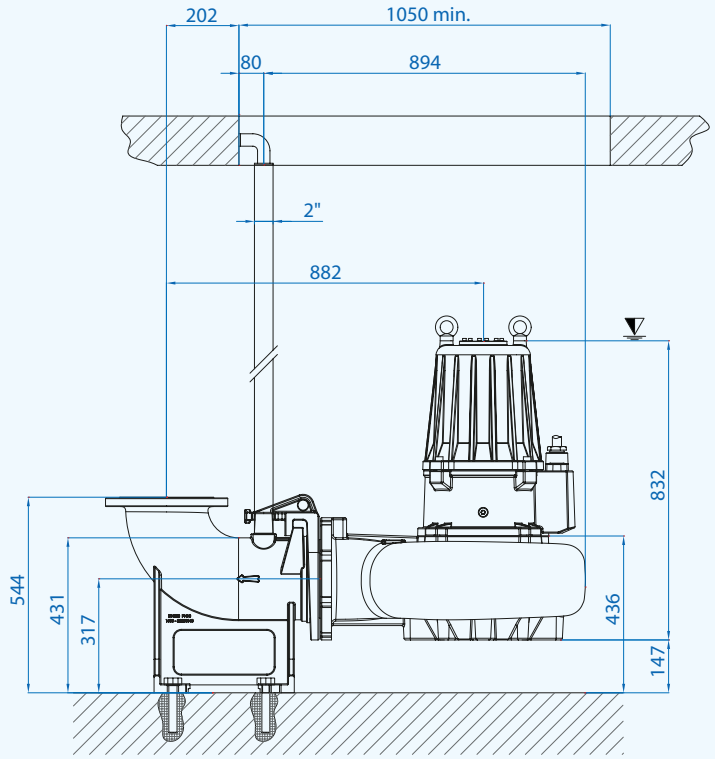

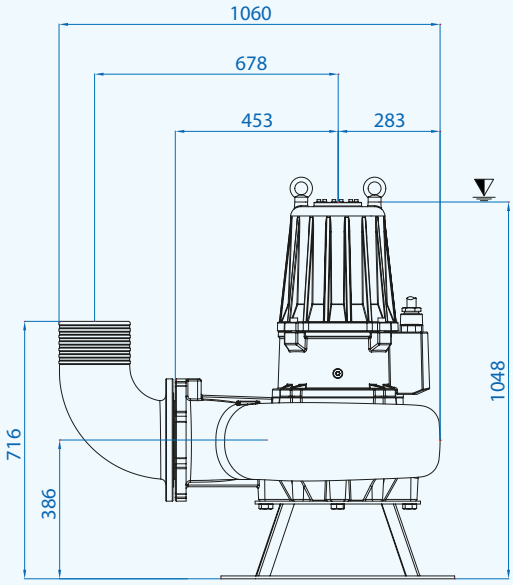

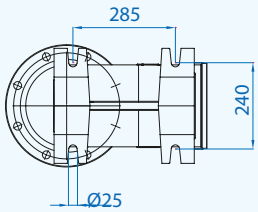

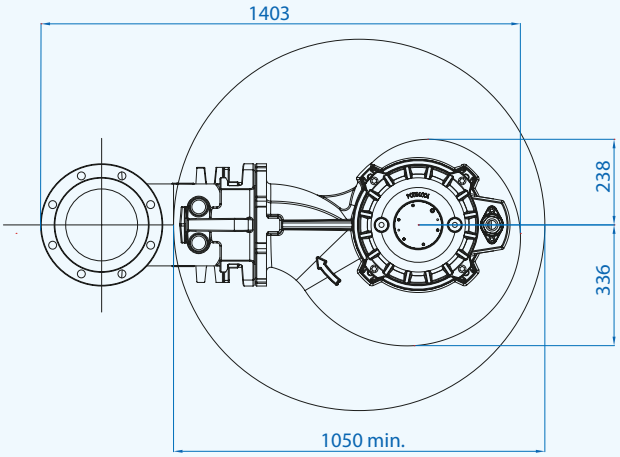

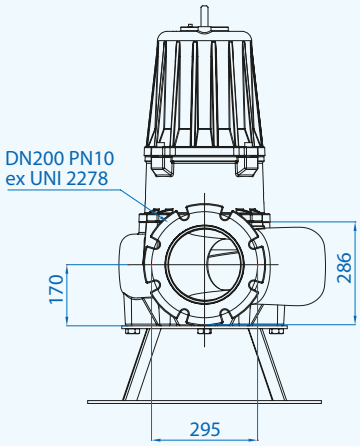

Quote in mm
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Flanged hose connection N6
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Dimensioni imballo / *Packaging dimension*

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AT 200/6/240 C.280				322

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