Насосы пищевые ТЕН

Насосы для перекачивания пищевых продуктов

TECNICAPOMPE

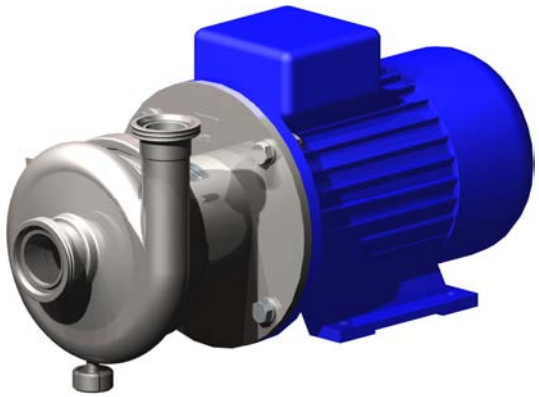
КАТАЛОГ

ELETTROPOMPA CENTRIFUGA

Centrifugal Electro-Pump

TYPE TEH

TECNICAPOMPE®



GENERALITA'

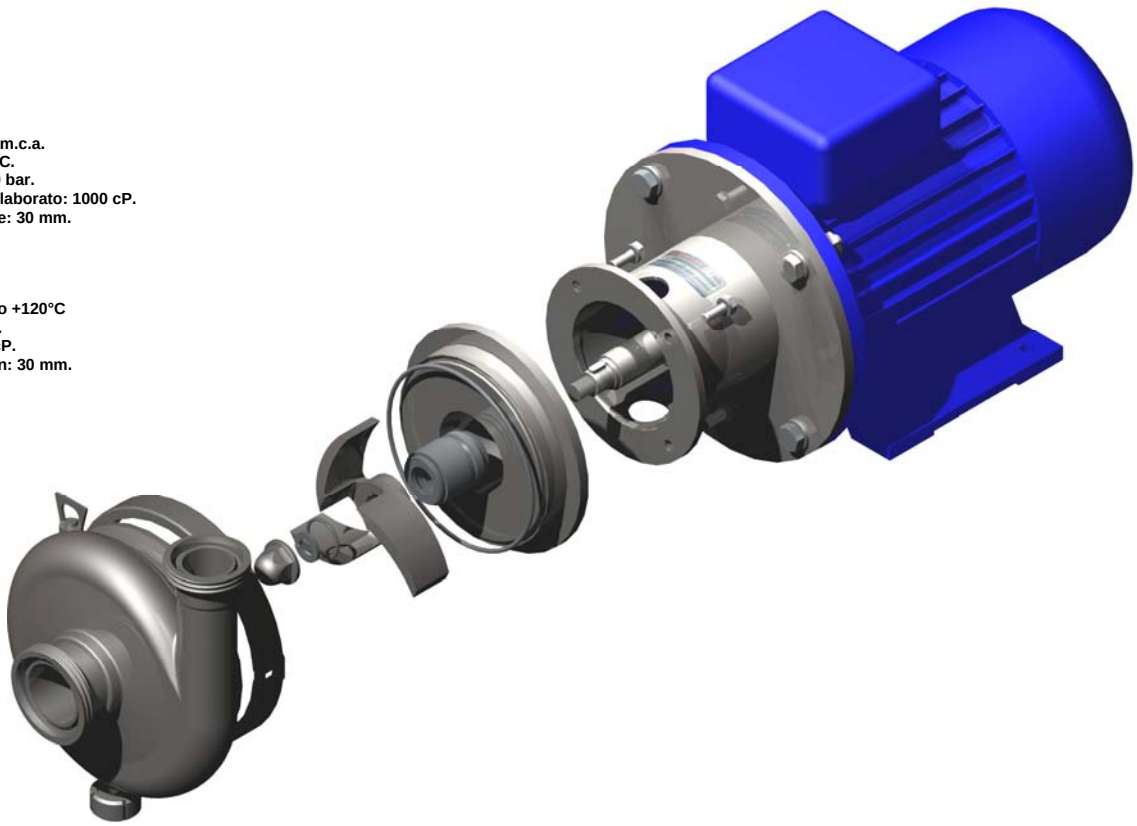
Le pompe del tipo TEH sono le sanitarie di punta della produzione TECNICAPOMPE. Dotate di certificazione EHEDG assicurano standard igienici al top elevatissimi e testate da un ente certificatore autonomo.
Adatte per gli impieghi sanitari più vari ed esigenti: agro-alimentare, chimico-farmaceutico.
- Succhi, concentrati e latte;
- Prodotti chimici aggressivi e che cristallizzano;
- Impasti densi e fibrosi;
- Miscelazioni di liquidi e polveri;
- Farmaceutica in genere.

GENERAL CHARACTERISTICS

The model type TEH are part of the proper sanitari pumps of our production. They can be supplied with EHEDG certificate, which assurse the top-hygienic characteristics of this pump, as the certificate is released by an autonomous certification entity.
They are suitable for any fields or applications where the sanitary aspect is a must: chemical, pharmeceutical or food industries.
- Juices, concentrates and milk;
- Aggressive chemical products or products that can crystallize;
- Dense or fibrous mash;
- Mixing of powder and liquid;
- Pharmaceutical products in general.

CAMPO D'IMPIEGO.
Portata fino a 120 m^3/h
Prevalenza totale fino a 70 m.c.a.
Temperatura da +3 a +120°C.
Pressione massima rete 10 bar.
Viscosità massima fluido elaborato: 1000 cP.
Ømax solidi in sospensione: 30 mm.

EMPLOYMENT FIELD.
Capacity up to a 120 m^3/h
Total head up to 70 m.w.c.
Temperature from +3 (00) to +120°C
Max. plant pressure 10 bar.
Max fluid. viscosity: 1000 cP.
Ømax solids on suspension: 30 mm.



CARATTERISTICHE TECNICHE.

Materiale:	**AISI 316/304.**
Girante:	**Aperta 3/4 pale, Ømax 200 mm**
Attacchi:	**DIN11851, Clamp, DIN11864, ecc.**
Motore:	**2-4 poli, IEC flangia B5, IP55, Alluminio.**
Tenute:	**Interna (Standard, EHEDG), doppia flussata.**

TECHNICAL CHARACTERISTICS.

Material:	**AISI 316/304.**
Impeller:	**Open 3/4 blades, Ømax 200 mm**
Connection:	**DIN11851, Clamp, DIN11864, ecc.**
Motor:	**2-4 poles, IEC flange B5, IP55, Aluminium.**
Mech. Seal:	**Internal (Standard, EHEDG), double flushing.**

Rev. 00 del 01/2006 ARF

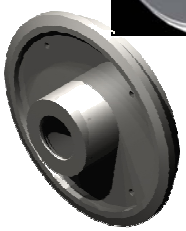
ELETTROPOMPA CENTRIFUGA

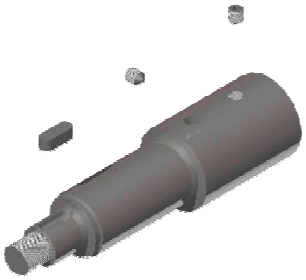
Centrifugal Electro-Pump

TYPE TEH

SUPPORTO MOTORE.
Elemento di collegamento tra la pompa ed il motore. Consente di installare motori a norme IEC con flangia B5.
Materiale AISI 304.

MOTOR SUPPORT.
It allows to house the mechanical seal and to support the front cover-volute. New sanitari design accordino to EHEDG norms.
Stainless steel AISI 316.





ALBERO MOTORE.
Consente di trasmettere il moto alla girante e di essere fissato sull'albero motore e di utilizzare motori standard IEC.
Materiale AISI 316.

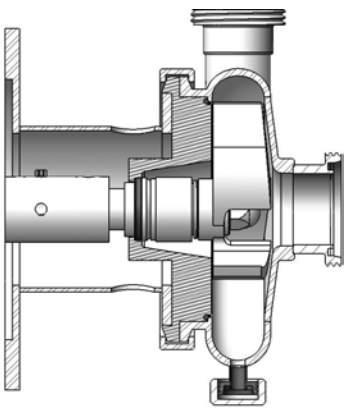
MOTOR SHAFT.
It allows to start the impeller and to be fixed to the motor shaft and use IEC standar motors.
Material: Stainless steel AISI 316

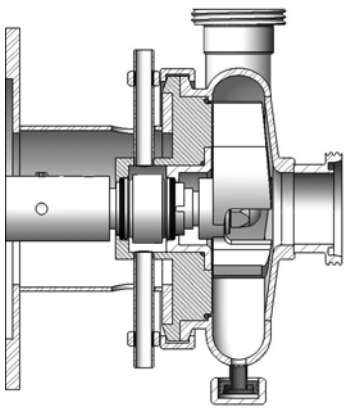
GIRANTE e OGIVA-GIRANTE.
Aperta 3 o 4 pale e fissata all'albero attraverso un ogiva (con guarnizione O-ring dal disegno sanitario in accordo con la normativa EHEDG).
Microfusione acciaio AISI 316.

IMPELLER AND NOSE CAP.
It's open with 3 or 4 blades and it's fixed to the shaft by means of the nose cap (with sanitary O-ring accordino to EHEDG norms)
Material: Precision-casting stainless steel AISI 316.

COPERCHIO-VOLUTA.
Alloggia la girante e convoglia il fluido alla bocca di uscita. Nuovo disegno sanitario in accordo con la normativa EHEDG.
Possibilità di installare il drenaggio.
Microfusione in acciaio inox AISI 316.

FRONT COVER-VOLUTE.
It contains the impeller and it conveys the fluid to the outlet. New sanitary design according to the EHEDG norms.
Possibilità of assembling the drain.
Material: Precision casting stainless steel AISI 316.





TENUTA INTERNA.
Alloggiata nella camera conica disponibile in versione standard UNI2 con molla aperta o con disegno sanitario in accordo con la normativa EHEDG.
Molteplici materiali disponibili in funzione del prodotto trattato.

INTERNAL MECHANICAL SEAL.
It is located in the conical chamber and available in two versions: standard UNI2 with open spring and sanitary accordino to the EHEDG norms.
There are different kinds of material available depending on the product to be treated.

TENUTA DOPPIA FLUSSATA COMPATTA.
Alloggiata nell'apposito portatenuta per la versione doppia UNI877 compatta e adatta a prodotti abrasivi con tendenza ad indurire ed incollare, ed inoltre per prodotti con temperature elevate.

DOUBLE FLUSHED MECHANICAL SEAL.
It is located in the mechanical seal housing. It is suitable for abrasive products or products that can harden or get glued, or for high-temperature products.

Rev. 00 del 01/2006 ABF

CURVE CARATTERISTICHE
Performance curves
Courbes d'exécutions
Leistungskurven
Curvas caracteristicas

TYPE TEH

ELETTROPOMPA *Electro-pump* (*Electro-pompe, Elektropumpe, Electro bomba*)	**TEH**	**giri / min** *revolution / min* (*révolution / min, umdrehung / min, revolución / min*)	**n** 2900

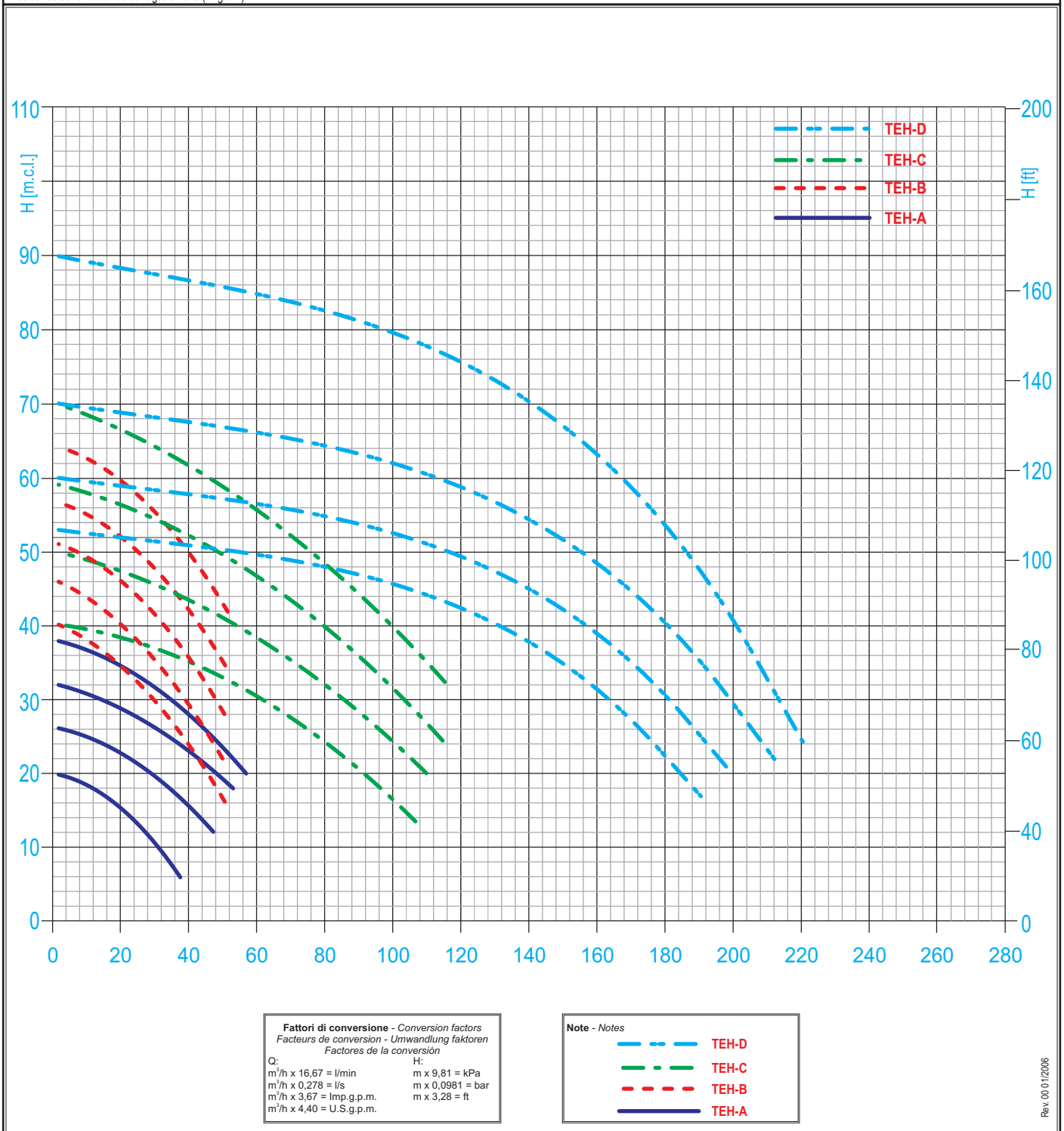
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3/4 pale *Open - 3/4 vanes* (*Ouverte - 3/4 pales, Offenes - 3/4 shaufeln, Abierta - 3/4 paletas*)	$Ø_{min}$ - $Ø_{max}$ (mm)	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	115 - 230	**DIN 11851**	**DN 50/100**	**DN 40/80**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,5	2	45	60	400/660 / 3	50	90 / 225	

Note - Notes - Anmerkungen - Notas:

Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



Fattori di conversione - *Conversion factors*
Facteurs de conversion - Umwandlung faktoren
Factores de la conversión

Q:	H:
m^3/h x 16,67 = l/min	m x 9,81 = kPa
m^3/h x 0,278 = l/s	m x 0,0981 = bar
m^3/h x 3,67 = Imp.g.p.m.	m x 3,28 = ft
m^3/h x 4,40 = U.S.g.p.m.	

Note - *Notes*

TEH-D
TEH-C
TEH-B
TEH-A

Rev. 00 01/2006

CURVE CARATTERISTICHE
Performance curves

Courbes d'exécutions
Leistungskurven
Curvas caracteristicas

TYPE TEH

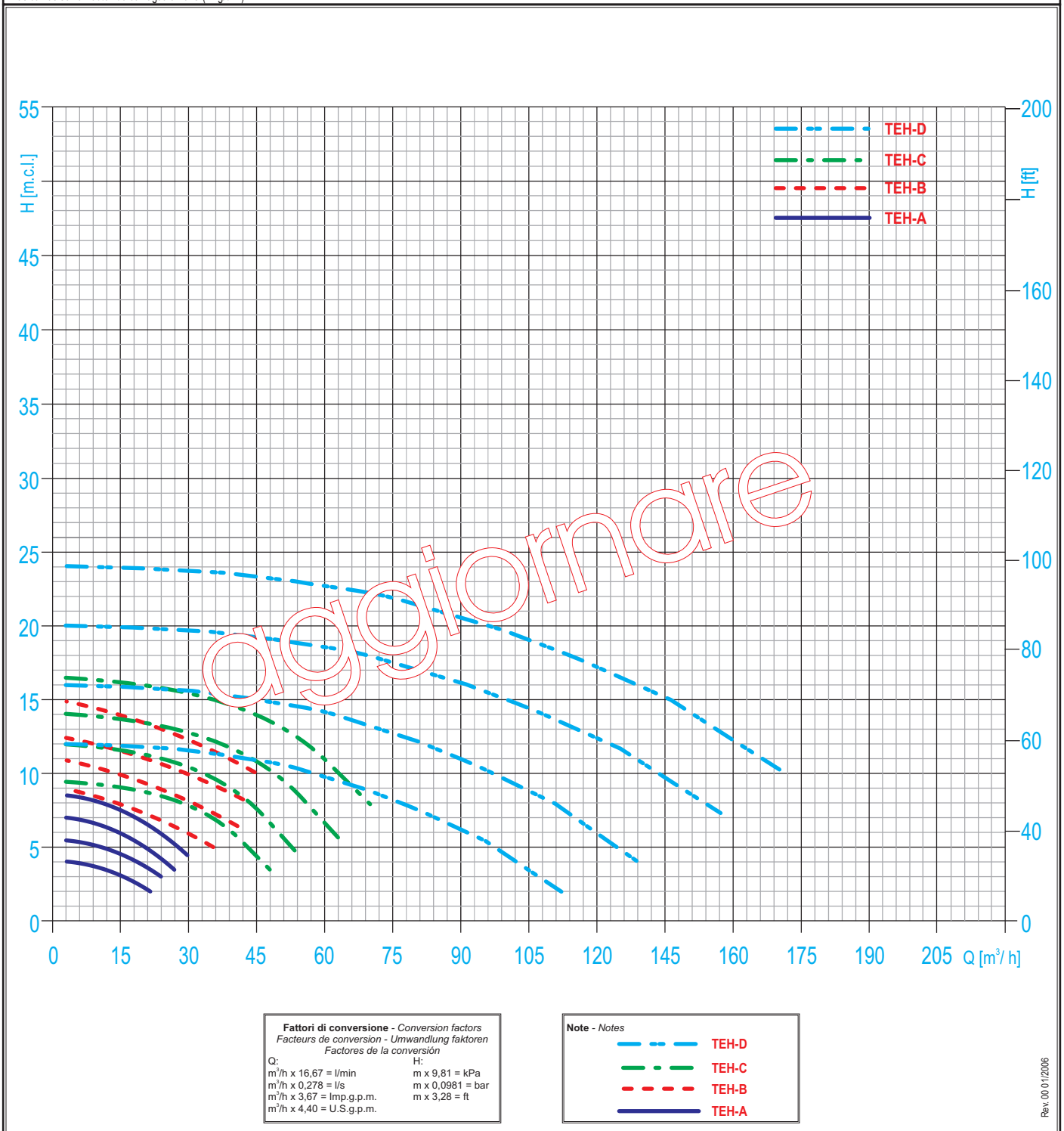
ELETTROPOMPA *Electro-pompe* *Elektropumpe* *Electro bomba*	**TEH**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

GIRANTE - *Impeller* - *Turbine* - *Laufrad* - *Rodete*		**RACCORDI** - *Nipple* - *Raccord* - *Anschlüsse* - *Conexión*		
Aperta - 3/4 pale *Open - 3/4 vanes*	*Ouverte - 3/4 pales* *Offenes - 3/4 shaufeln* *Abierta - 3/4 paletas*	$Ø_{min}$ - $Ø_{max}$ (mm)	**TIPO** - *Type* - *Art*	**Aspirazione** - *In*	**Mandata** - *Out*
		115 - 230	**DIN 11851**	**DN 50/100**	**DN 40/80**

MOTORE - *Power* - *Moteur* - *Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	15	20	400/660 / 3	50	90 / 160	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



Fattori di conversione - *Conversion factors*
Facteurs de conversion - Umwandlung faktoren
Factores de la conversión

Q:	H:
m^3/h x 16,67 = l/min	m x 9,81 = kPa
m^3/h x 0,278 = l/s	m x 0,0981 = bar
m^3/h x 3,67 = Imp.g.p.m.	m x 3,28 = ft
m^3/h x 4,40 = U.S.g.p.m.	

Note - *Notes*
TEH-D
TEH-C
TEH-B
TEH-A

Rev. 00 01/2006

CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

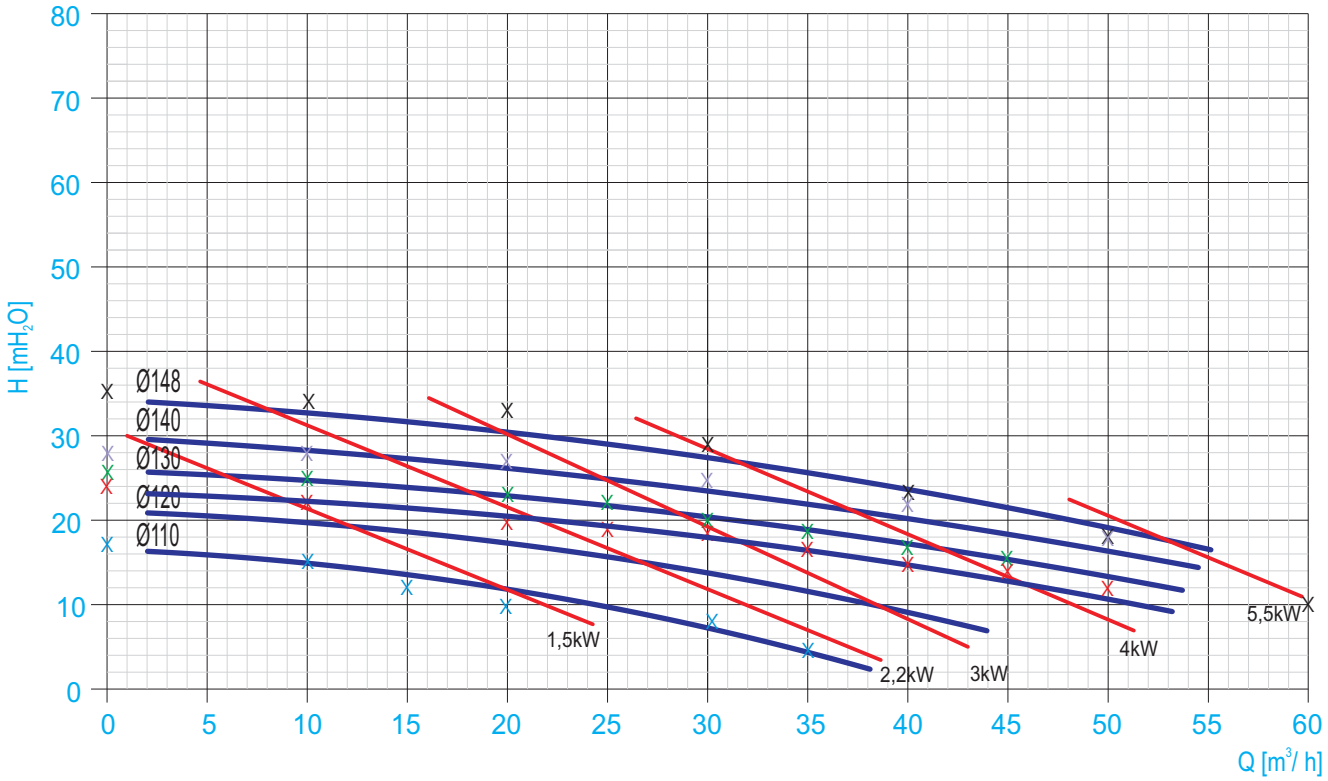
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba*	**TEH-A**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	110 - 37	**148 - 33**	**DIN 11851**	**DN50**	**DN40**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,5	2	5,5	7,5	400 / 3	50	90 - 112	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

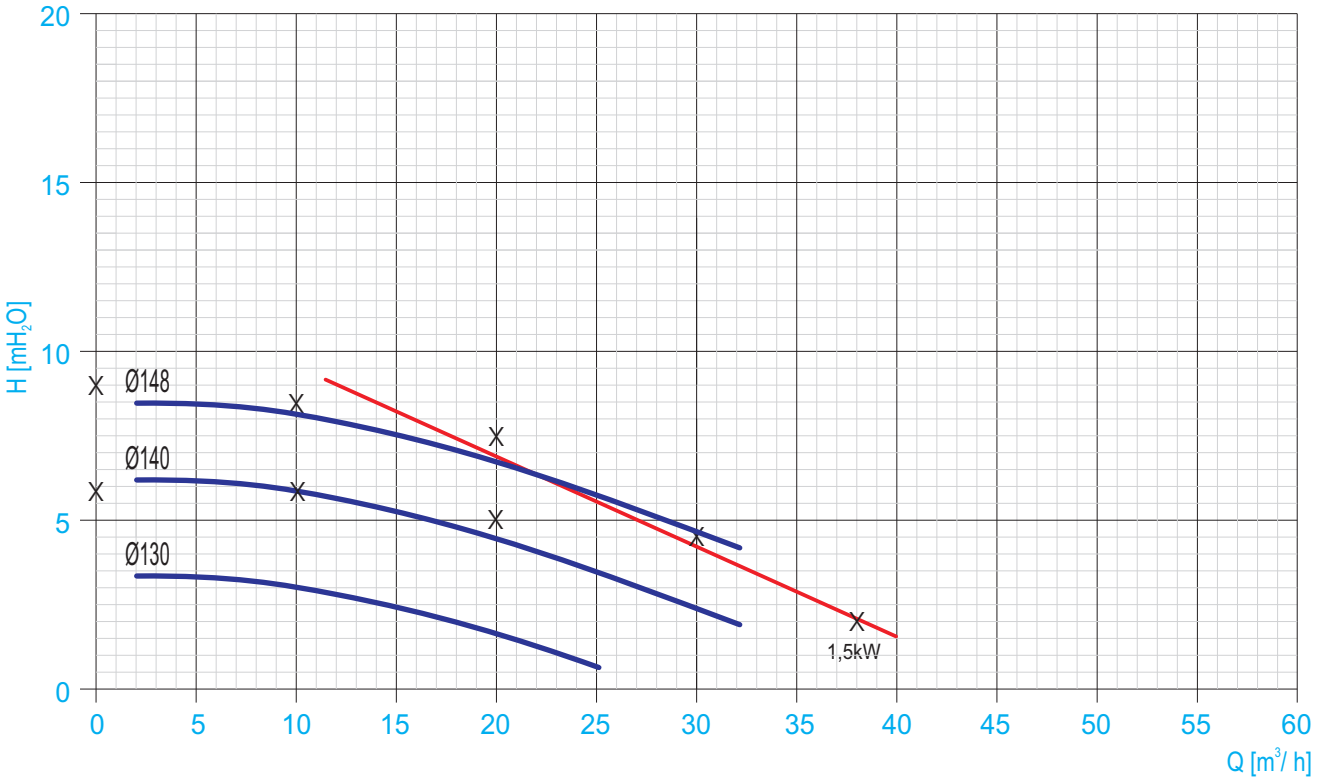
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba*	**TEH-A**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	115 - 36	**148 - 33**	**DIN 11851**	**DN50**	**DN40**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	1,1	1,5	400 / 3	50	90 S	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



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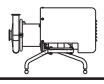


CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

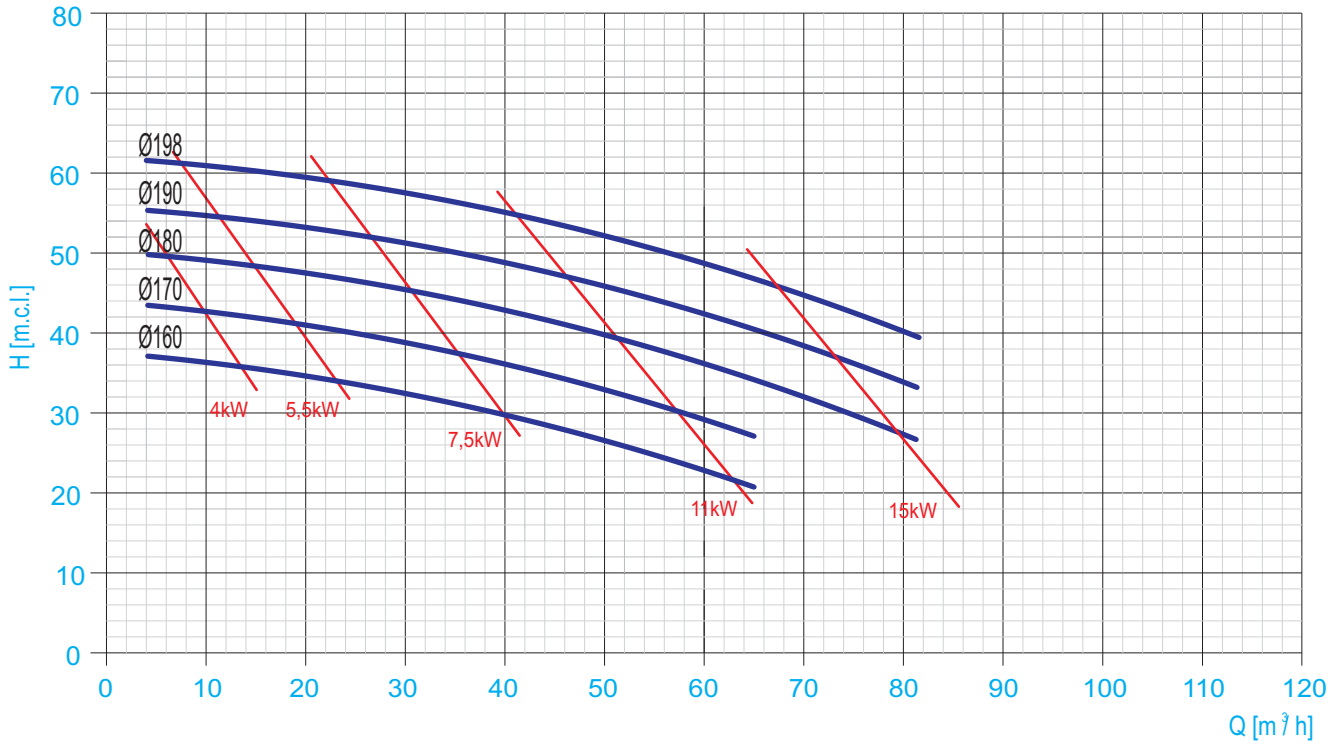
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* *Electro-pump*	**TEH-B**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

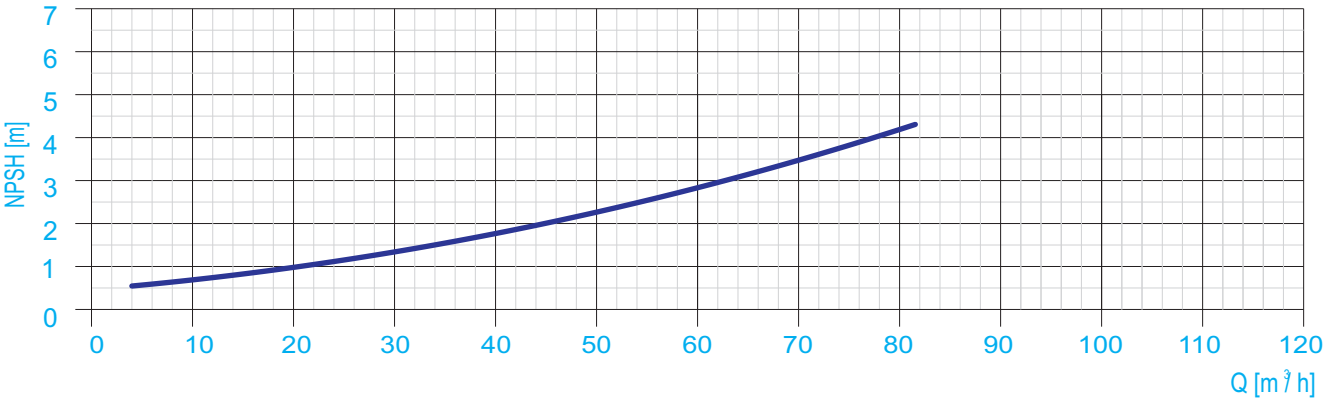
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 30	**198 - 27**	**DIN 11851**	**DN65**	**DN50**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
4	5,5	15	20	400 / 3	50	112 - 160 M	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performances curves
Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

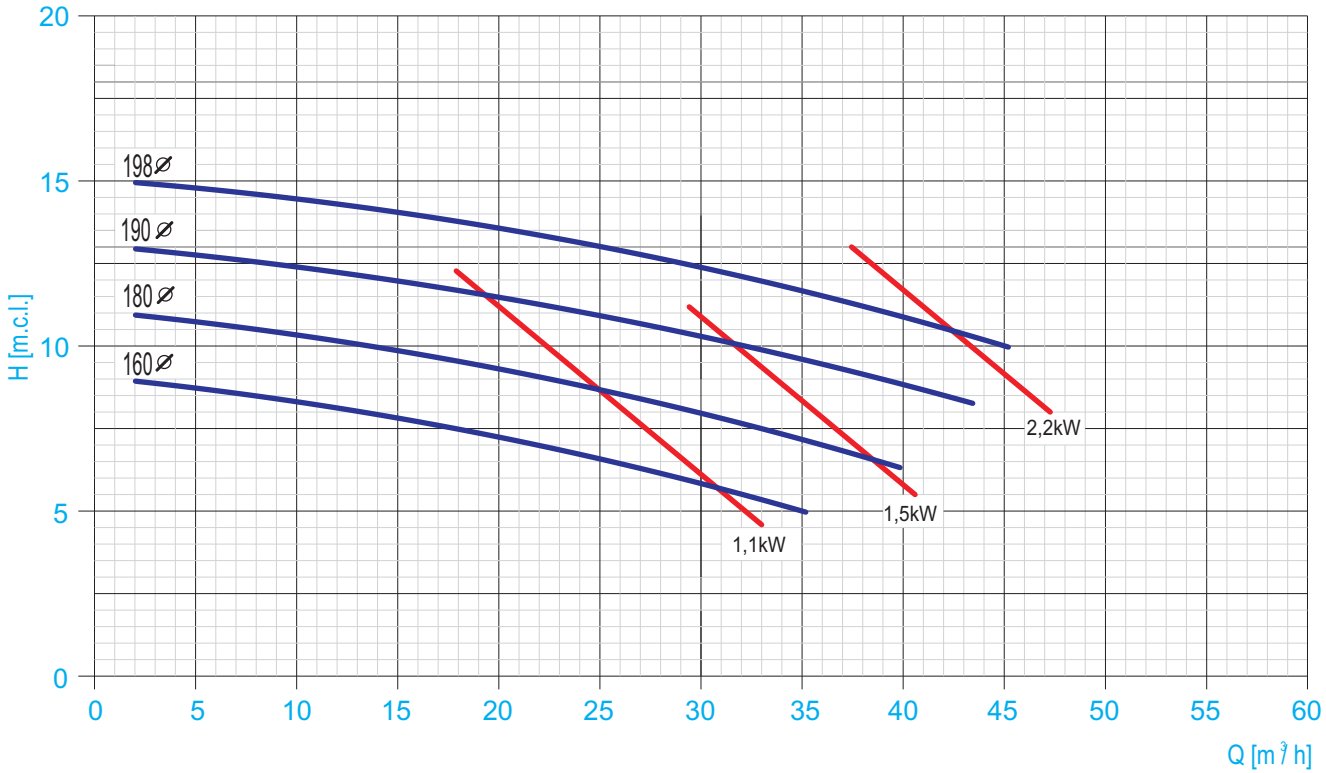
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-B**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

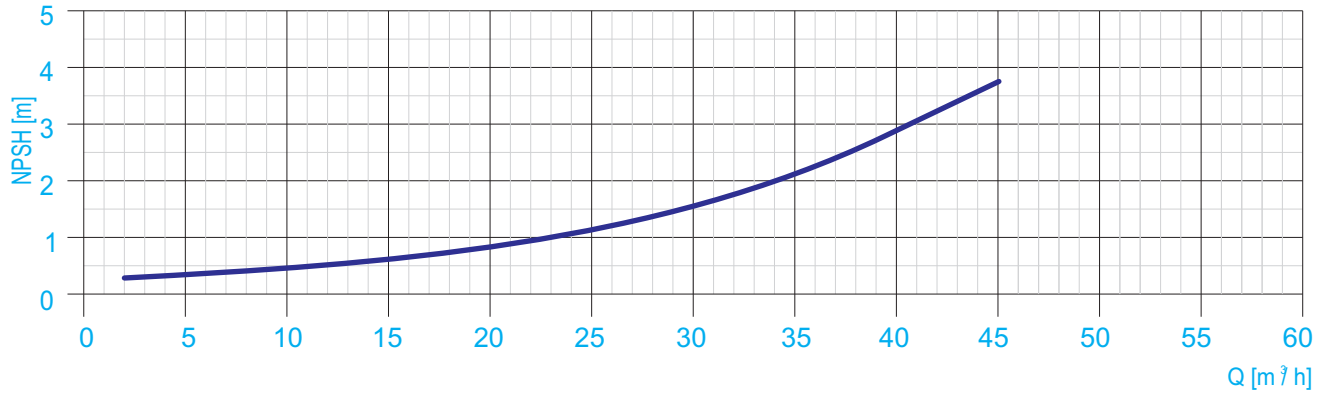
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 30	**198 - 27**	**DIN 11851**	**DN65**	**DN50**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	2,2	3	400 / 3	50	90 S - 100	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





Rev. 00 01/2006

CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

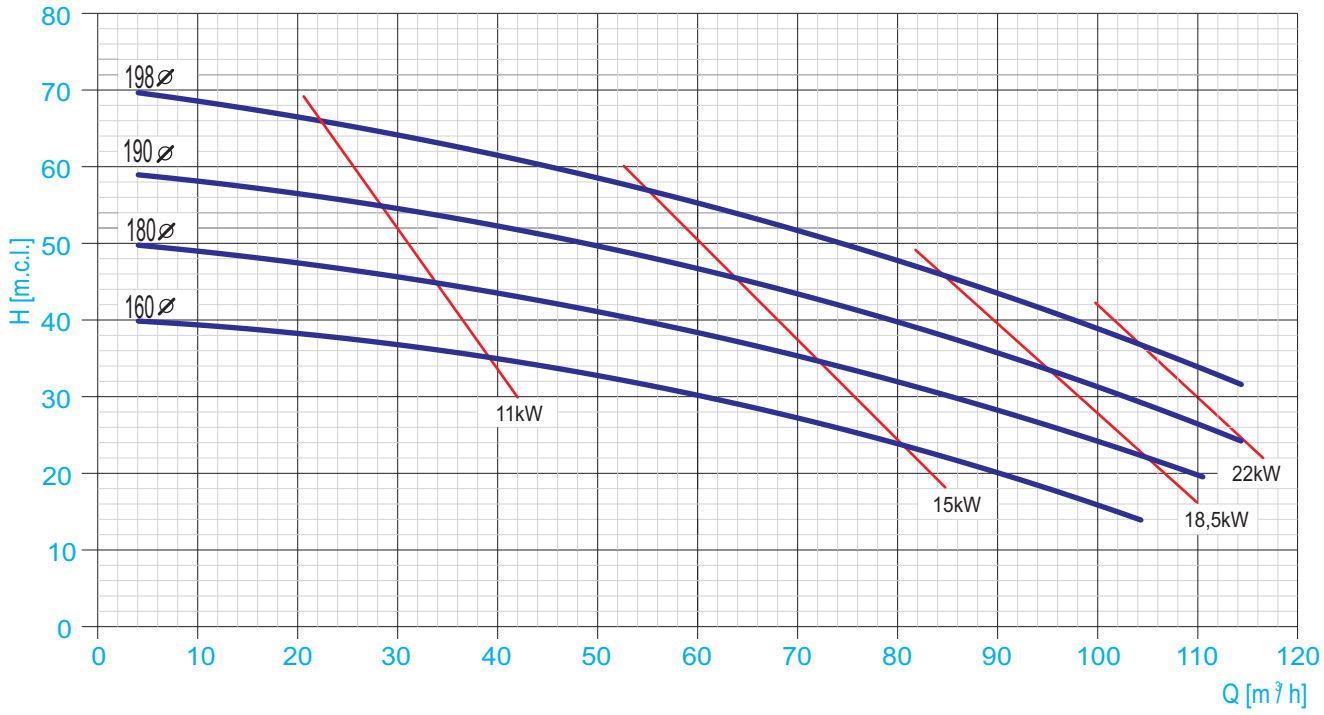
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-C**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

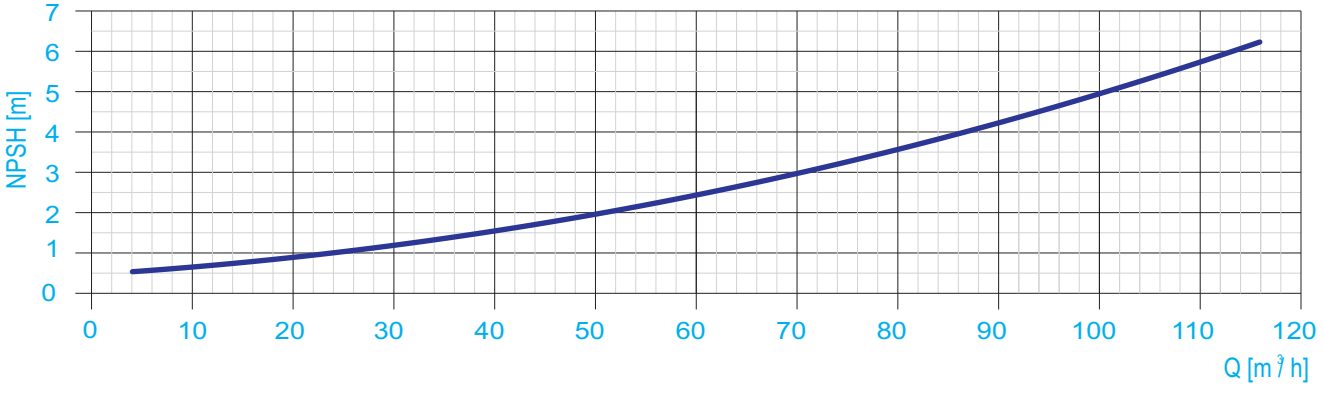
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 38	**198 - 35**	**DIN 11851**	**DN80**	**DN65**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
11	15	22	30	400 / 3	50	132 - 180	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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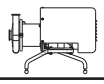


CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

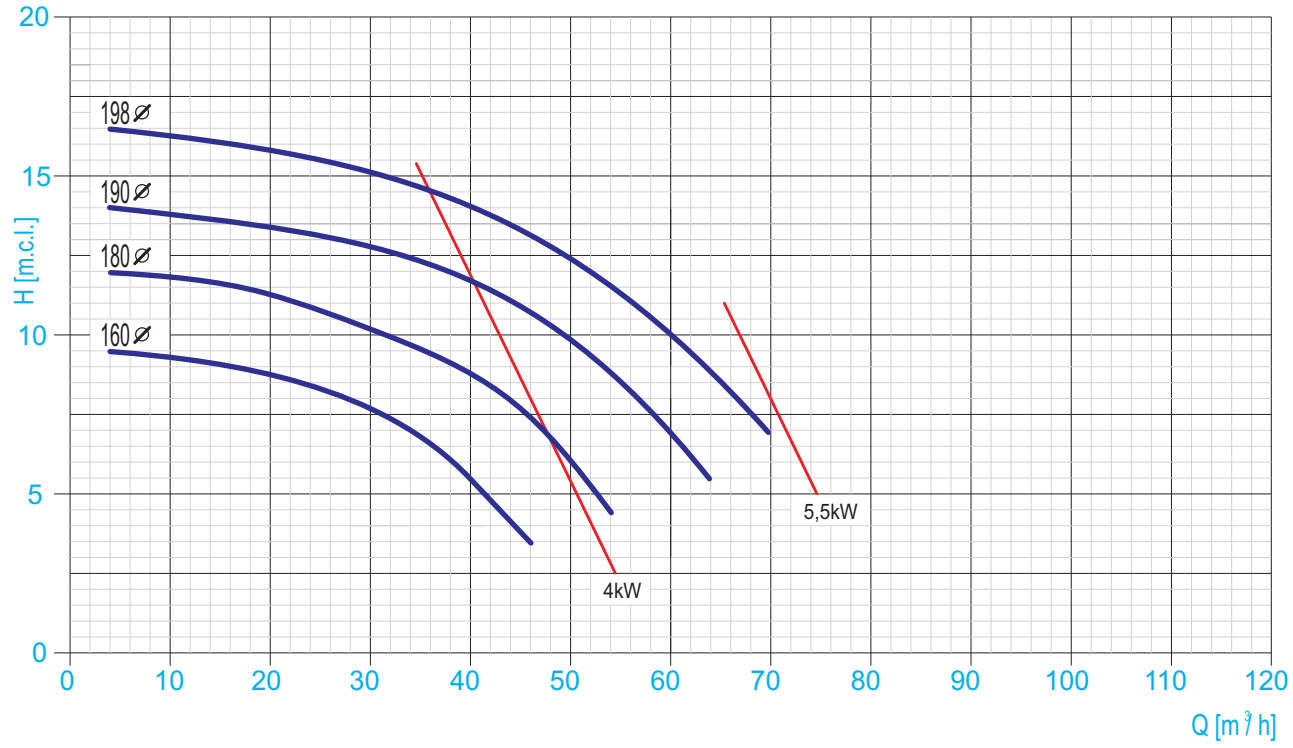
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-C**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

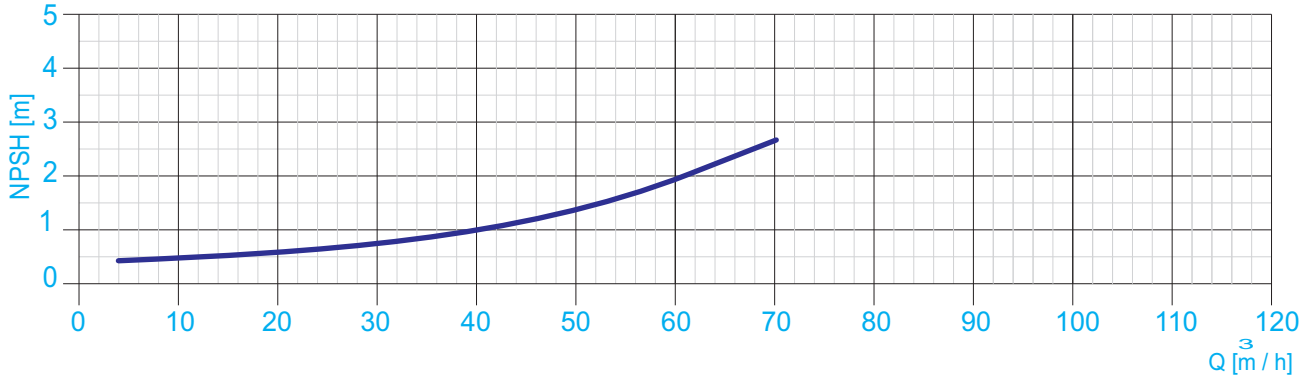
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 38	**198 - 35**	**DIN 11851**	**DN80**	**DN65**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
2,2	3	9	12	400 / 3	50	100 - 132	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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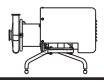


CURVE CARATTERISTICHE
Performances curves
Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

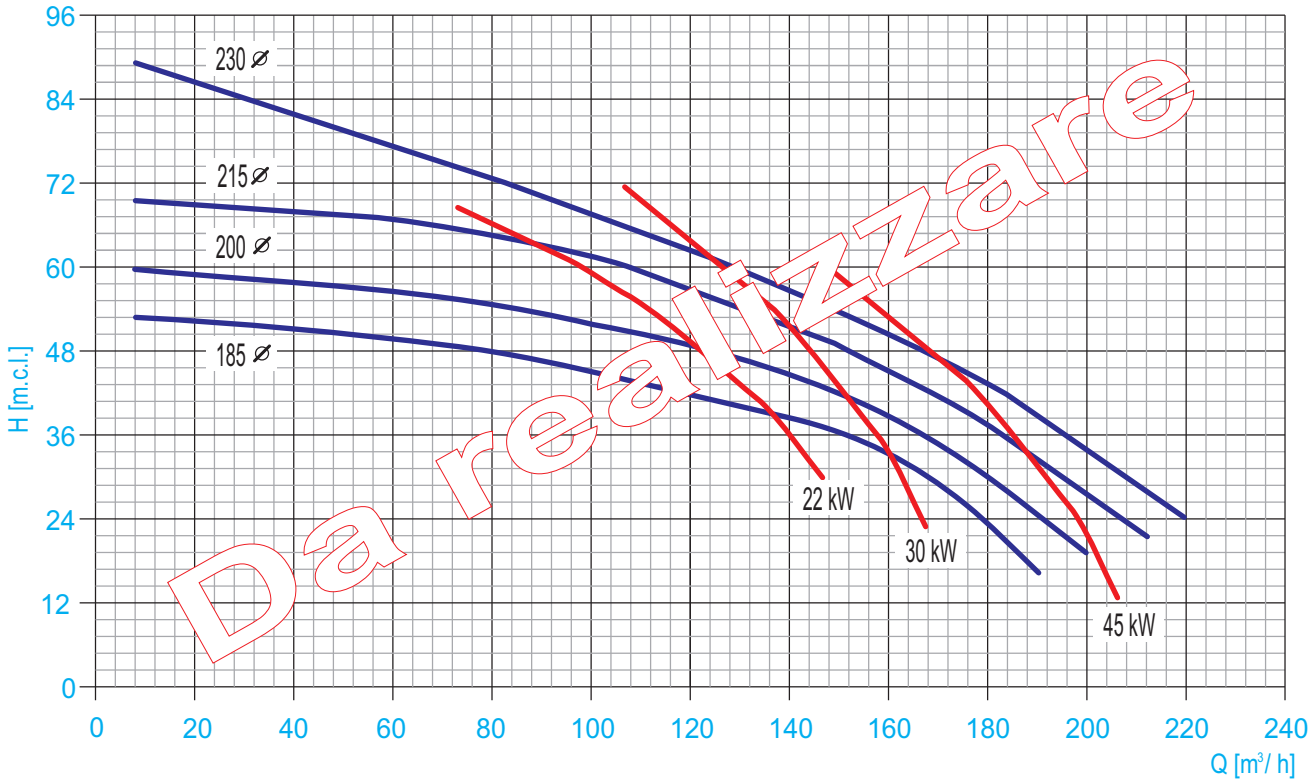
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-D**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

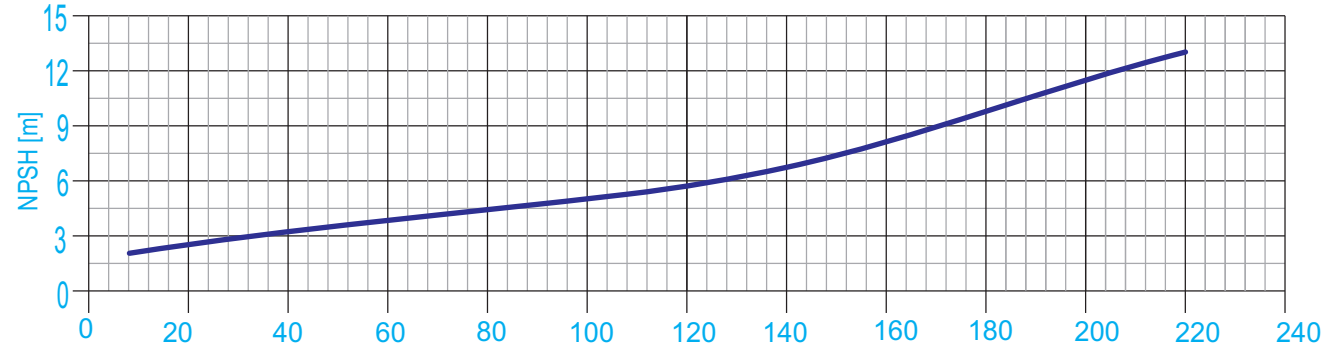
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* / *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	185 - 63	**230 - 60**	**DIN 11851**	**DN100**	**DN80**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
22	30	45	60	400/660 / 3	50	132 M - 225	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

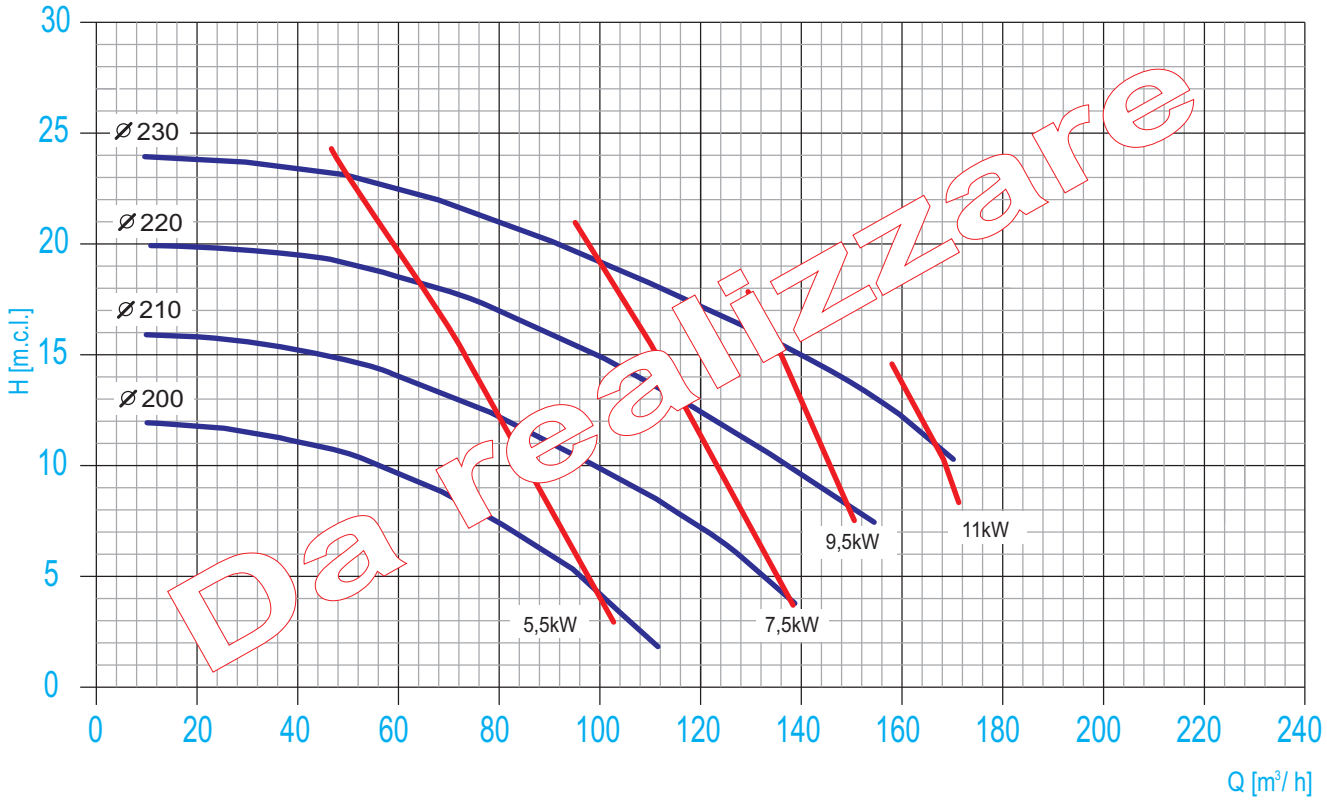
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-D**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

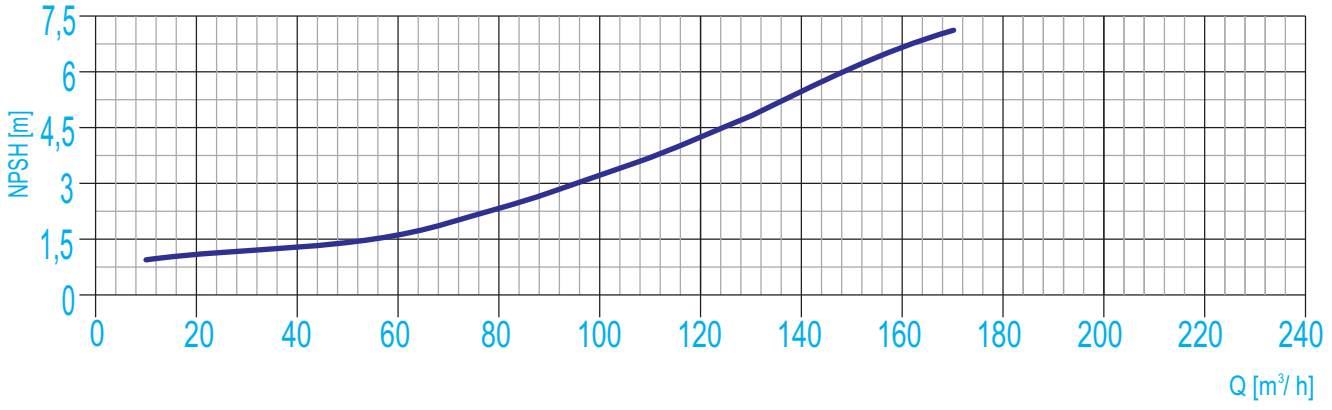
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* / *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	200 - 62	**230 - 60**	**DIN 11851**	**DN100**	**DN80**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
5,5	7,5	11	15	400/660 / 3	50	132 S - 160 L	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performance curves
Courbes d'exécutions
Leistungskurven
Curvas caracteristicas

TYPE TEH

ELETTROPOMPA *Electro-pump* (*Electro-pompe, Elektropumpe, Electro bomba*)	TEH	giri / min *revolution / min* (*révolution / min, umdrehung / min, revolución / min*)	n 1450

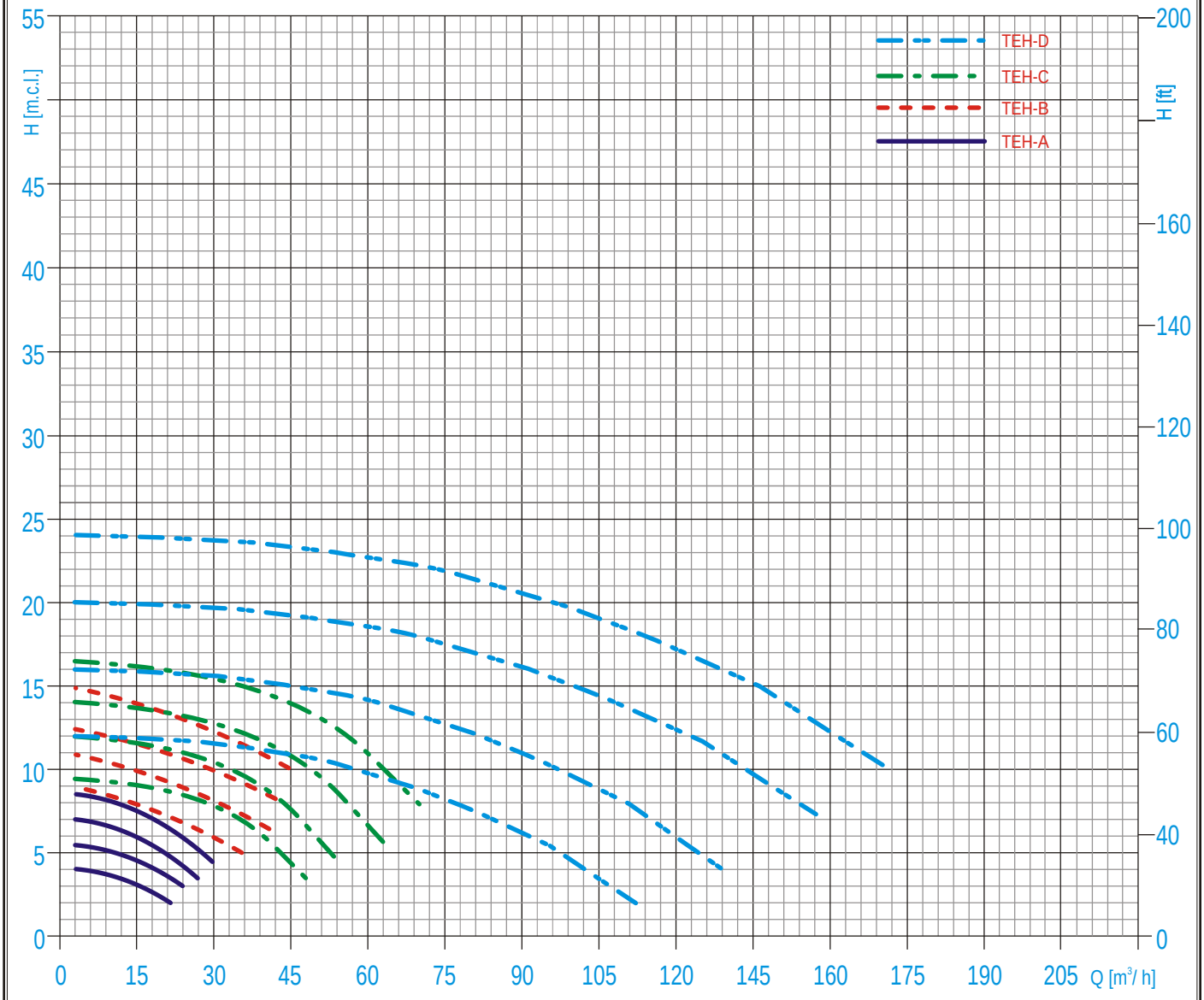
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		RACCORDI - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3/4 pale *Open - 3/4 vanes* (*Ouverte - 3/4 pales, Offenes - 3/4 shaufeln, Abierta - 3/4 paletas*)	$Ø_{min}$ - $Ø_{max}$ (mm)	TIPO - *Type - Art*	Aspirazione - *In*	Mandata - *Out*
	115 - 230	DIN 11851	DN 50/100	DN 40/80

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	15	20	400/660 / 3	50	90 / 160	

Note - Notes - Anmerkungen - Notas:

Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm³) - Curves obtained with water at 20°C (1 kg/dm³) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm³) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm³) Las curvas se han obtenido con agua a 20°C (1 kg/dm³).



Fattori di conversione - *Conversion factors*
Facteurs de conversion - Umwandlung faktoren
Factores de la conversión

Q:	H:
m³/h x 16,67 = l/min	m x 9,81 = kPa
m³/h x 0,278 = l/s	m x 0,0981 = bar
m³/h x 3,67 = Imp.g.p.m.	m x 3,28 = ft
m³/h x 4,40 = U.S.g.p.m.	

Note - *Notes*

TEH-D
TEH-C
TEH-B
TEH-A

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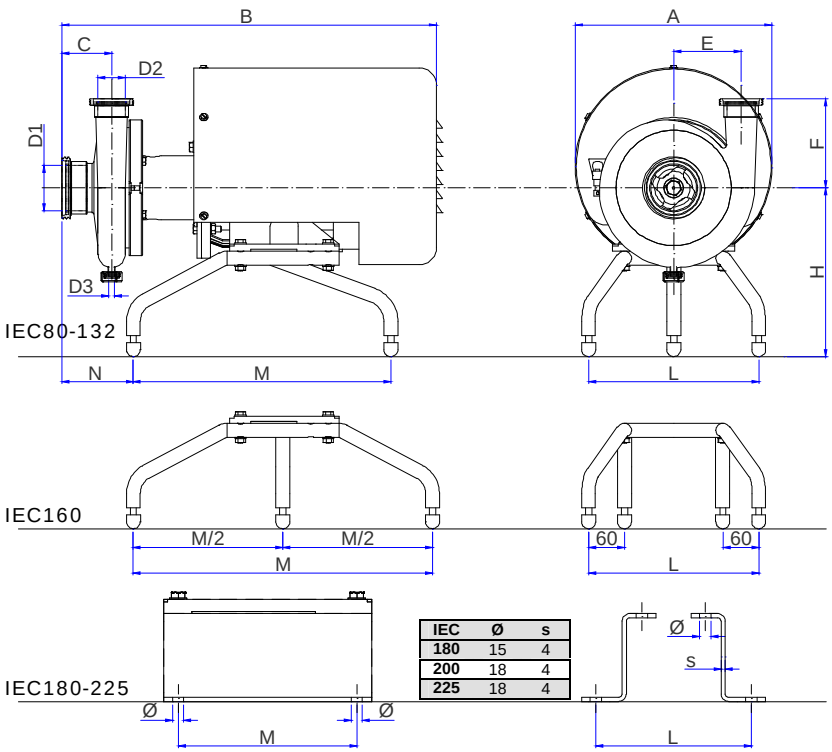
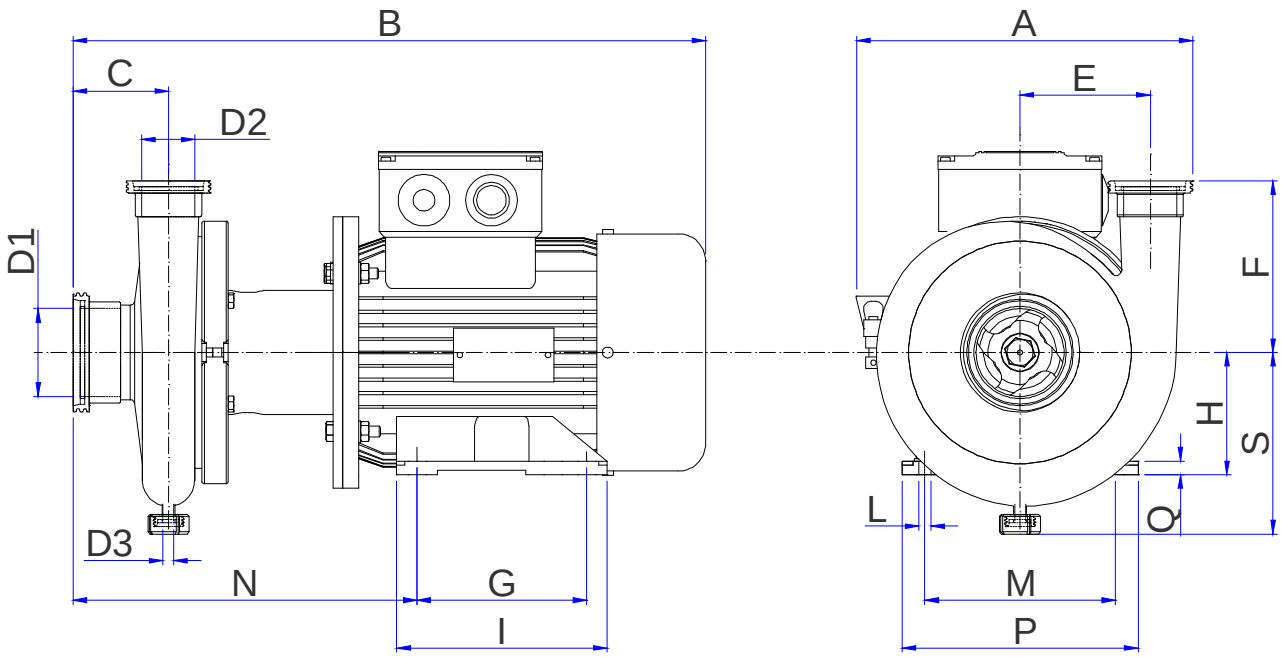


IEC	Ø	s
180	15	4
200	18	4
225	18	4

Dimensioni indicative d'ingombro con raccordi DIN 11851 e motore "B3-B5".

Approximate overall dimensions with DIN 11851 nipples and motor "B3-B5"
Dimension d'encombrement indicatif avec raccords DIN 11851 et moteur "B3-B5"
Abmessungen mit milchrohranschlussen DIN 11851 and motor "B3-B5"
Dimensiones totales indicativas con conexiones DIN 11851 y motor "B3-B5"

POMPE *Pumps*	Poli *Poles*	kW (hp)	IEC	D1	D2	D3	A	B	C	E	F	H	L	M	N	[kg]
TEH-A	2	1,5 (2)	90 S	DN 50	DN 40	**DN 10 + Tappo Girella Solo Pompe EHEDG** – *DN10 + Cap Only EHEDG Pumps*	295	585	75	95	140	220	240	390	120	
	2	2,2 (3)	90 L				295	585	75	95	140	220	240	390	120	
	2	3 (4)	100				325	650	75	95	140	245	290	430	130	
	2	4 (5,5)	112				340	650	75	95	140	265	310	440	120	
	2	5,5 (7,5)	112				340	650	75	95	140	265	310	440	120	
	4	1,1 (1,5)	90 S				295	585	75	95	140	200	240	390	120	
TEH-B	2	4 (5,5)	112	DN 65	DN 50		340	655	65	125	160	265	310	440	120	
	2	5,5 (7,5)	112				340	655	65	125	160	265	310	440	120	
	2	7,5 (10)	132 S				400	740	65	125	160	280	280	460	165	
	2	9 (12)	132 M				400	740	65	125	160	280	280	460	165	
	2	11 (15)	132 M				400	740	65	125	160	280	280	460	165	
	2	15 (20)	132 M				400	740	65	125	160	280	280	460	165	
	2	15 (20)	160 M				500	1030	65	125	160	325	325	450	240	
	2	18,5 (25)	160 L				500	1030	65	125	160	325	325	450	240	
	2	22 (30)	180 M				500	1030	65	125	160	330	330	450	250	
	4	2,2 (3)	100				325	655	65	125	160	245	290	430	130	
	4	3 (4)	100				325	655	65	125	160	245	290	430	130	
TEH-C	2	11 (15)	132 M	DN 80	DN 65		400	760	80	125	165	280	280	460	185	
	2	15 (20)	132 M				400	760	80	125	165	280	280	460	185	
	2	15 (20)	160 M				500	1050	80	125	165	325	325	460	260	
	2	18,5 (25)	160 L				500	1050	80	125	165	325	325	460	260	
	2	22 (30)	180 M				500	1050	80	125	165	330	330	450	270	
	4	2,2 (3)	100				325	675	80	125	165	245	290	430	150	
	4	3 (4)	100				325	675	80	125	165	245	290	430	150	
	4	4 (5,5)	112				340	675	80	125	165	265	310	440	140	



Dimensioni indicative d'ingombro con raccordi DIN 11851 e motore "B3-B5".

Approximate overall dimensions with DIN 11851 nipples and motor "B3-B5"
Dimension d'encombrement indicatif avec raccords DIN 11851 et moteur "B3-B5"
Abmessungen mit milchrohranschlussen DIN 11851 and motor "B3-B5"
Dimensiones totales indicativas con conexiones DIN 11851 y motor "B3-B5"

POMPE *Pumps*	Poli *Poles*	kW (hp)	IEC	D1	D2	D3	A	B	C	E	F	G	H	I	L	M	N	P	Q	S	[kg]
TEH-A	2	1,5 (2)	90 S	DN 50	DN 40	DN 10 + Tappo Girella Solo Pompe EHEDG *DN10 + Cap Only EHEDG Pumps*	260	500	75	95	140	100	90	150	10	140	295	170	9	140	
	2	2,2 (3)	90 L				260	500	75	95	140	125	90	150	10	140	295	170	9	140	
	2	3 (4)	100				260	580	75	95	140	140	100	172	12	160	303	197	12	140	
	2	4 (5,5)	112				260	580	75	95	140	140	112	168	12	190	310	222	12	140	
	2	5,5 (7,5)	112				260	580	75	95	140	140	112	168	12	190	310	222	12	140	
	4	1,1 (1,5)	90 S				260	500	75	95	140	100	80	125	9	125	290	153	9	140	
TEH-B	2	4 (5,5)	112	DN 65	DN 50		320	580	65	125	160	140	112	168	12	190	310	222	12	160	
	2	5,5 (7,5)	112				320	580	65	125	160	140	112	168	12	190	310	222	12	160	
	2	7,5 (10)	132 S				320	670	65	125	160	140	132	212	12	216	355	262	16	160	
	2	9 (12)	132 M				320	670	65	125	160	178	132	212	12	216	355	262	16	160	
	2	11 (15)	132 M				320	670	65	125	160	178	132	212	12	216	355	262	16	160	
	2	15 (20)	132 M				320	670	65	125	160	178	132	212	12	216	355	262	16	160	
	2	15 (20)	160 M				320	840	65	125	160	210	160	296	14	254	410	296	20	160	
	2	18,5 (25)	160 L				320	840	65	125	160	254	160	296	14	254	410	296	20	160	
	2	22 (30)	180 M				320	840	65	125	160	241	180	320	22	279	420	320	22	160	
	4	2,2 (3)	100				320	580	65	125	160	140	100	172	12	160	305	197	12	160	
	4	3 (4)	100				320	580	65	125	160	140	100	172	12	160	305	197	12	160	
TEH-C	2	11 (15)	132 M	DN 80	DN 65		320	690	80	125	165	178	132	212	12	216	375	262	16	160	
	2	15 (20)	132 M				320	690	80	125	165	178	132	212	12	216	375	262	16	160	
	2	15 (20)	160 M				320	860	80	125	165	210	160	296	20	254	430	296	20	160	
	2	18,5 (25)	160 L				320	860	80	125	165	254	160	288	15	254	430	310	20	160	
	2	22 (30)	180 M				320	860	80	125	165	241	180	316	15	279	440	340	22	160	
	4	2,2 (3)	100				320	600	80	125	165	140	100	172	12	160	325	197	12	160	
	4	3 (4)	100				320	600	80	125	165	140	100	172	12	160	325	197	12	160	
	4	4 (5,5)	112				320	600	80	125	165	140	112	165	12	190	330	220	12	160	

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CURVE CARATTERISTICHE
Performance curves
Courbes d'exécutions
Leistungskurven
Curvas caracteristicas

TYPE TEH

ELETTROPOMPA *Electro-pump* (*Electro-pompe, Elektropumpe, Electro bomba*)	**TEH**	**giri / min** *revolution / min* (*révolution / min, umdrehung / min, revolución / min*)	**n** 2900

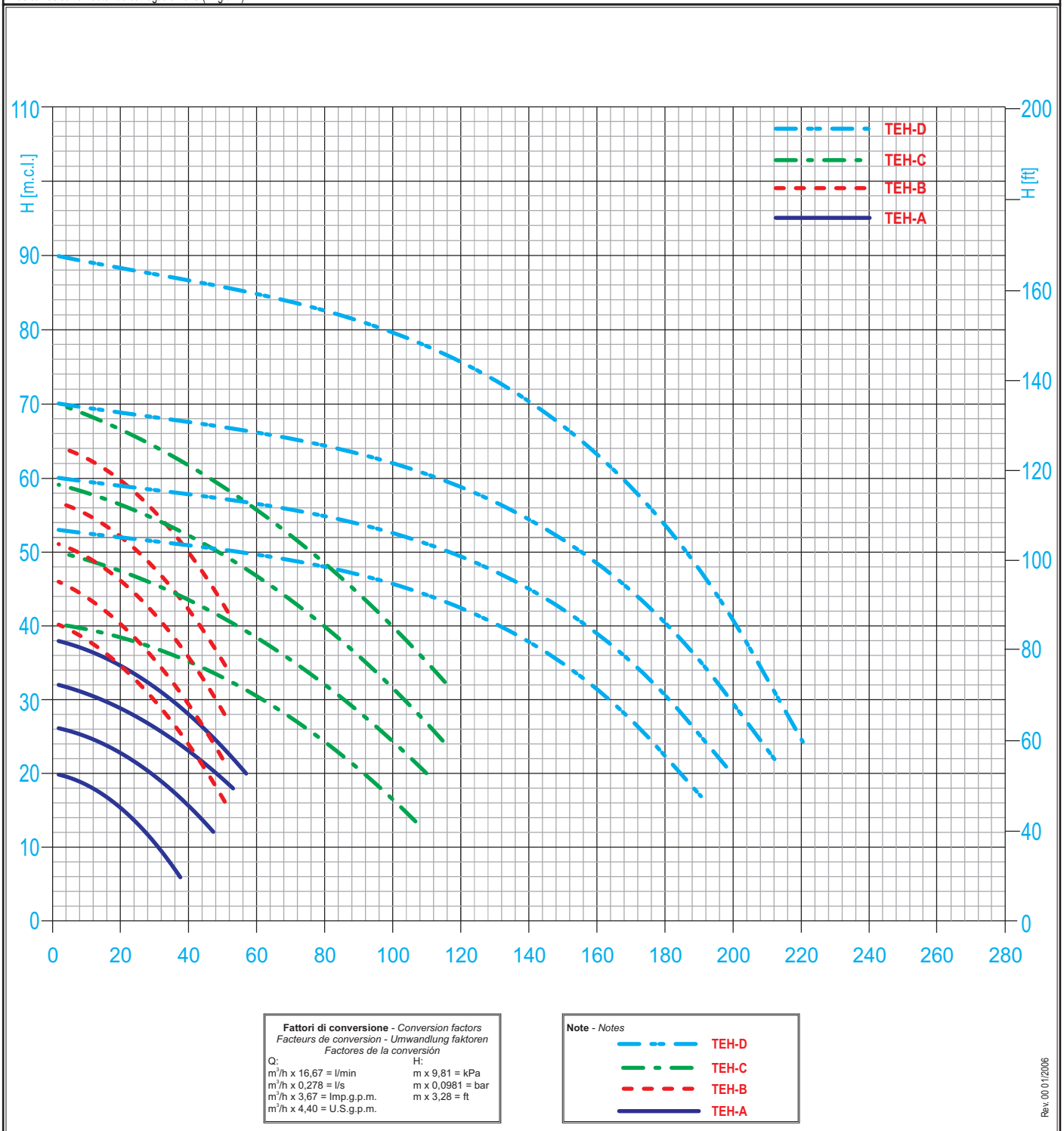
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3/4 pale *Open - 3/4 vanes* (*Ouverte - 3/4 pales, Offenes - 3/4 shaufeln, Abierta - 3/4 paletas*)	$Ø_{min}$ - $Ø_{max}$ (mm)	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	115 - 230	**DIN 11851**	**DN 50/100**	**DN 40/80**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,5	2	45	60	400/660 / 3	50	90 / 225	

Note - Notes - Anmerkungen - Notas:

Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



Fattori di conversione - *Conversion factors*
Facteurs de conversion - Umwandlung faktoren
Factores de la conversión

Q:	H:
m^3/h x 16,67 = l/min	m x 9,81 = kPa
m^3/h x 0,278 = l/s	m x 0,0981 = bar
m^3/h x 3,67 = Imp.g.p.m.	m x 3,28 = ft
m^3/h x 4,40 = U.S.g.p.m.	

Note - *Notes*

TEH-D
TEH-C
TEH-B
TEH-A

Rev. 00 01/2006

CURVE CARATTERISTICHE
Performance curves

Courbes d'exécutions
Leistungskurven
Curvas caracteristicas

TYPE TEH

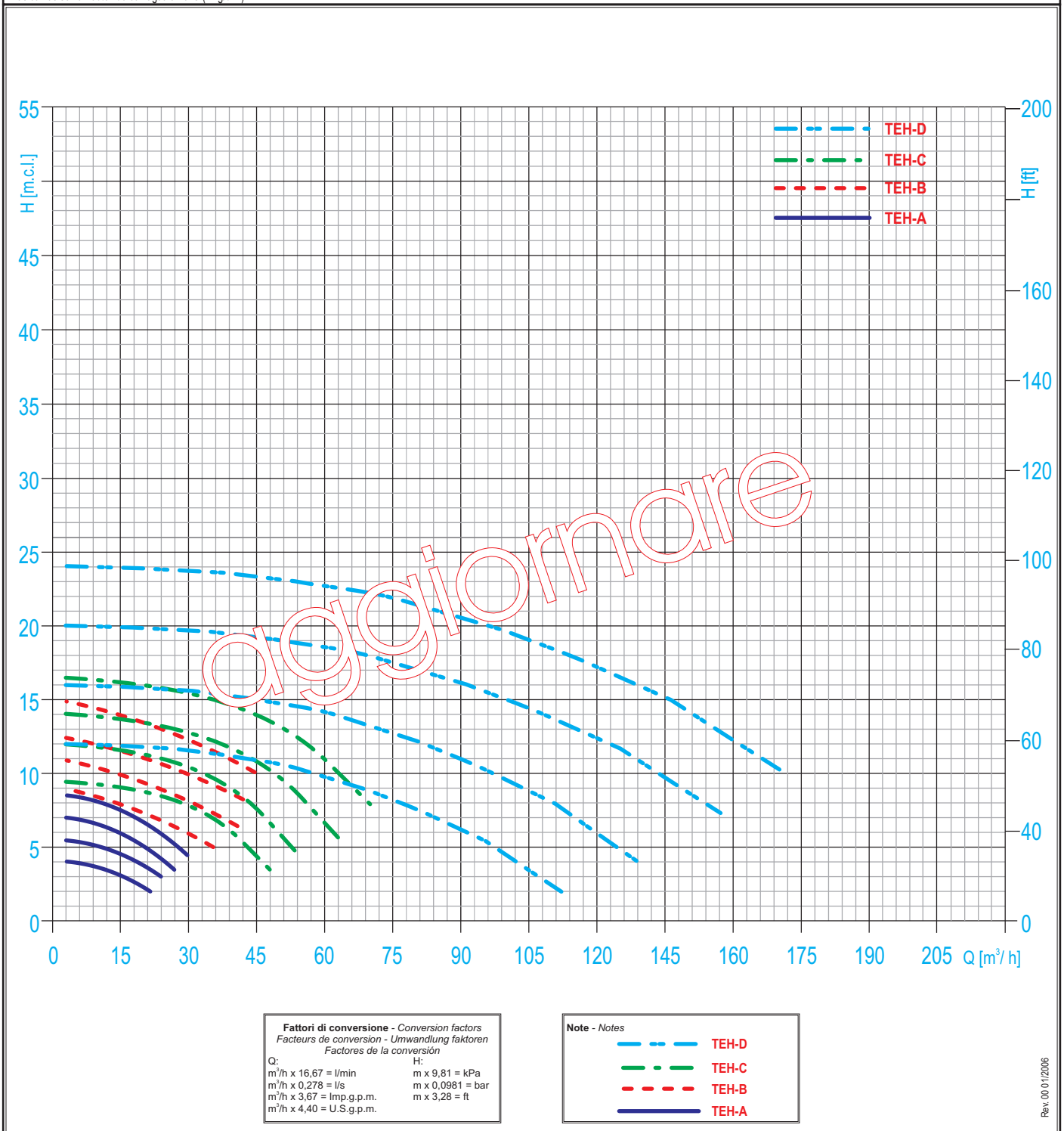
ELETTROPOMPA *Electro-pompe* *Elektropumpe* *Electro bomba*	**TEH**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

GIRANTE - *Impeller* - *Turbine* - *Laufrad* - *Rodete*		**RACCORDI** - *Nipple* - *Raccord* - *Anschlüsse* - *Conexión*		
Aperta - 3/4 pale *Open - 3/4 vanes*	*Ouverte - 3/4 pales* *Offenes - 3/4 shaufeln* *Abierta - 3/4 paletas*	$Ø_{min}$ - $Ø_{max}$ (mm)	**TIPO** - *Type* - *Art*	**Aspirazione** - *In*	**Mandata** - *Out*
		115 - 230	**DIN 11851**	**DN 50/100**	**DN 40/80**

MOTORE - *Power* - *Moteur* - *Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	15	20	400/660 / 3	50	90 / 160	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



Fattori di conversione - *Conversion factors*
Facteurs de conversion - Umwandlung faktoren
Factores de la conversión

Q:	H:
m^3/h x 16,67 = l/min	m x 9,81 = kPa
m^3/h x 0,278 = l/s	m x 0,0981 = bar
m^3/h x 3,67 = Imp.g.p.m.	m x 3,28 = ft
m^3/h x 4,40 = U.S.g.p.m.	

Note - *Notes*
TEH-D
TEH-C
TEH-B
TEH-A

Rev. 00 01/2006

CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

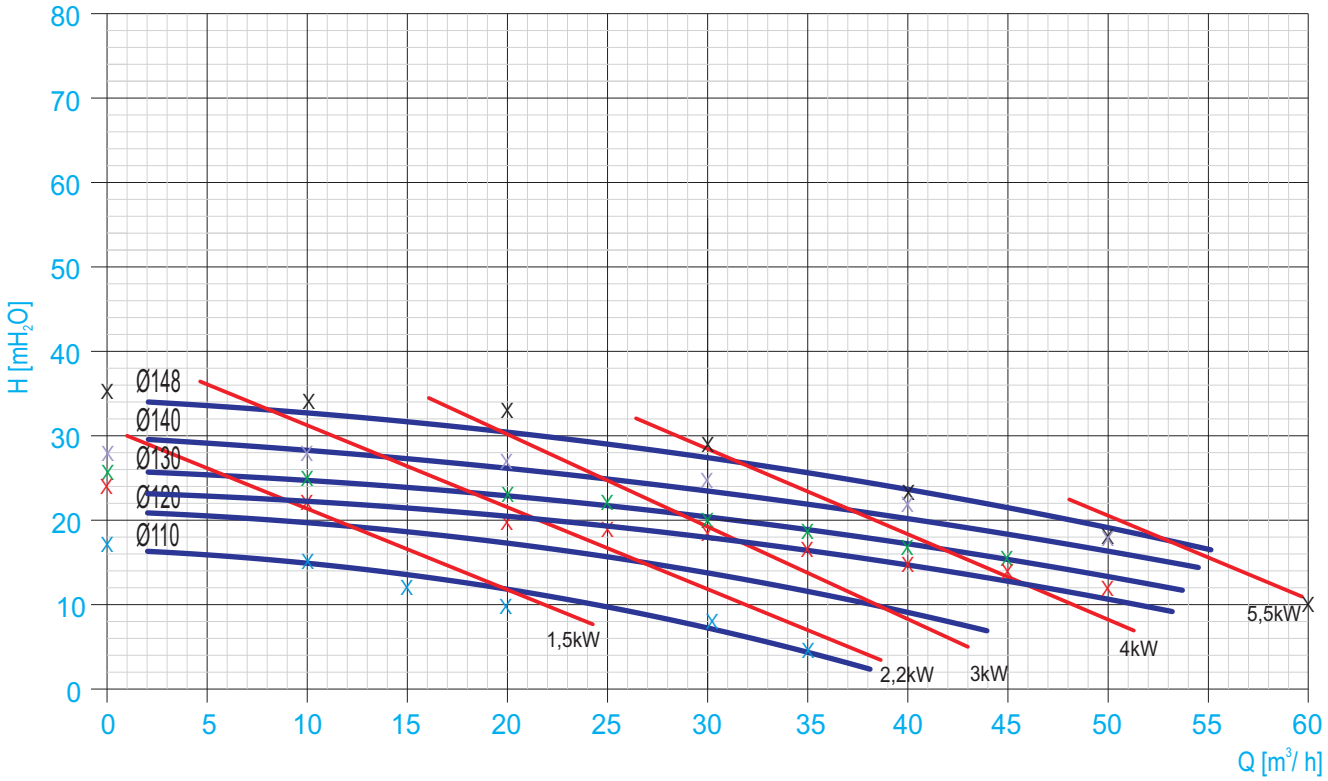
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba*	**TEH-A**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	110 - 37	**148 - 33**	**DIN 11851**	**DN50**	**DN40**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,5	2	5,5	7,5	400 / 3	50	90 - 112	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

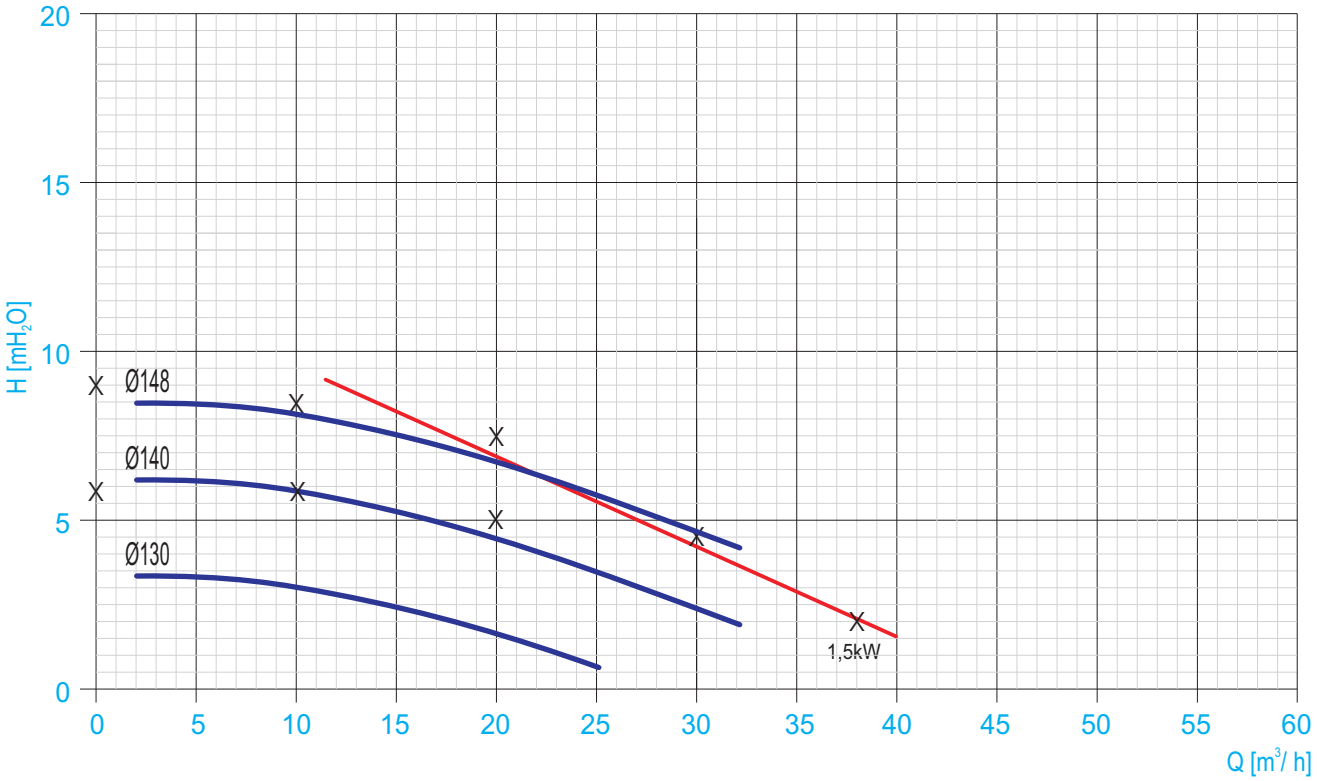
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba*	**TEH-A**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	115 - 36	**148 - 33**	**DIN 11851**	**DN50**	**DN40**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	1,1	1,5	400 / 3	50	90 S	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).



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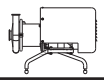


CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

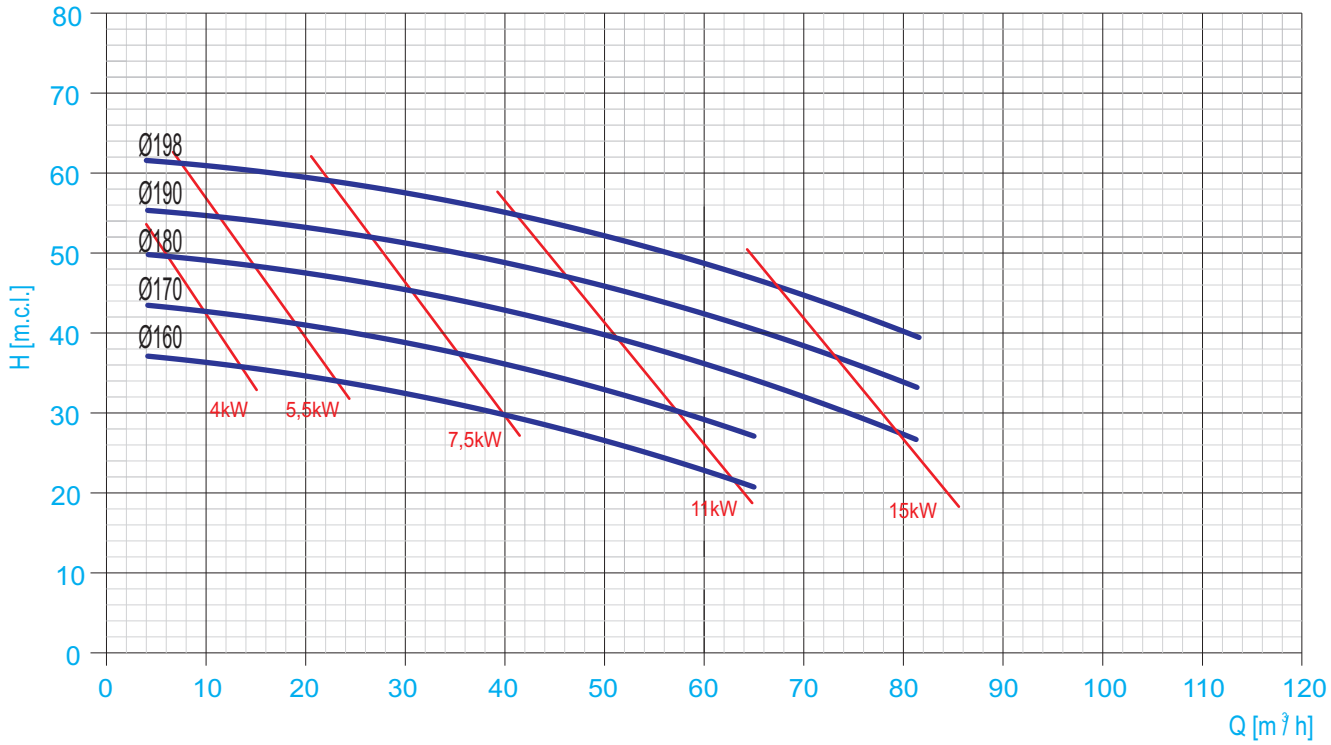
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* *Electro-pump*	**TEH-B**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

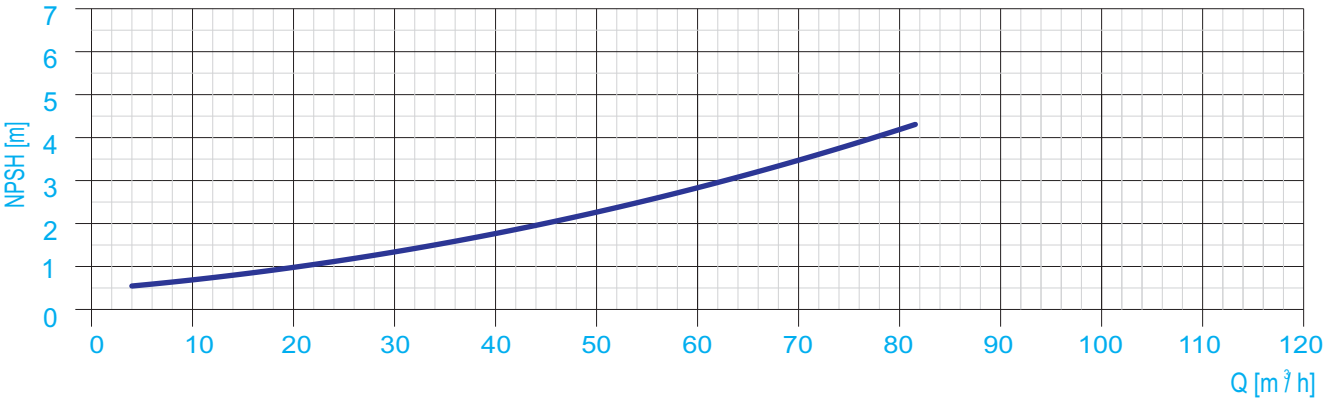
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 30	**198 - 27**	**DIN 11851**	**DN65**	**DN50**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
4	5,5	15	20	400 / 3	50	112 - 160 M	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performances curves
Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

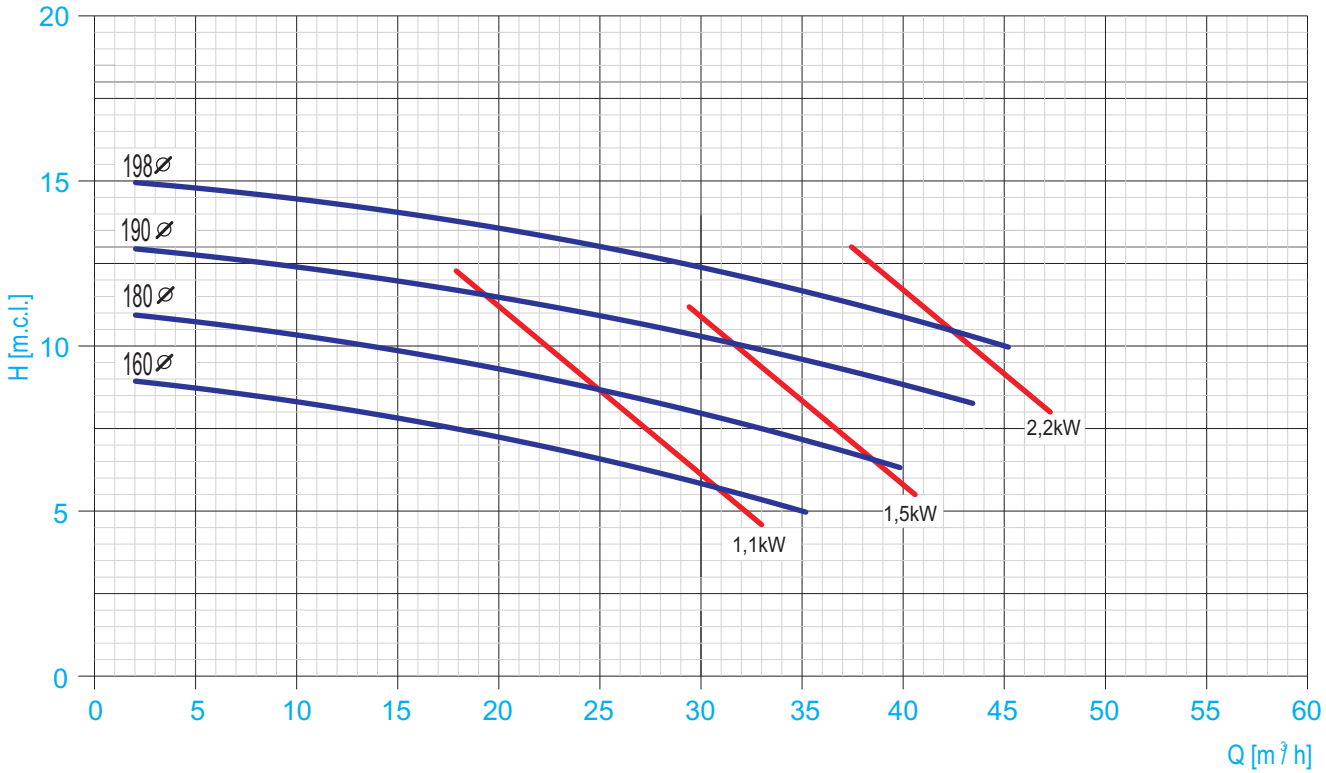
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-B**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

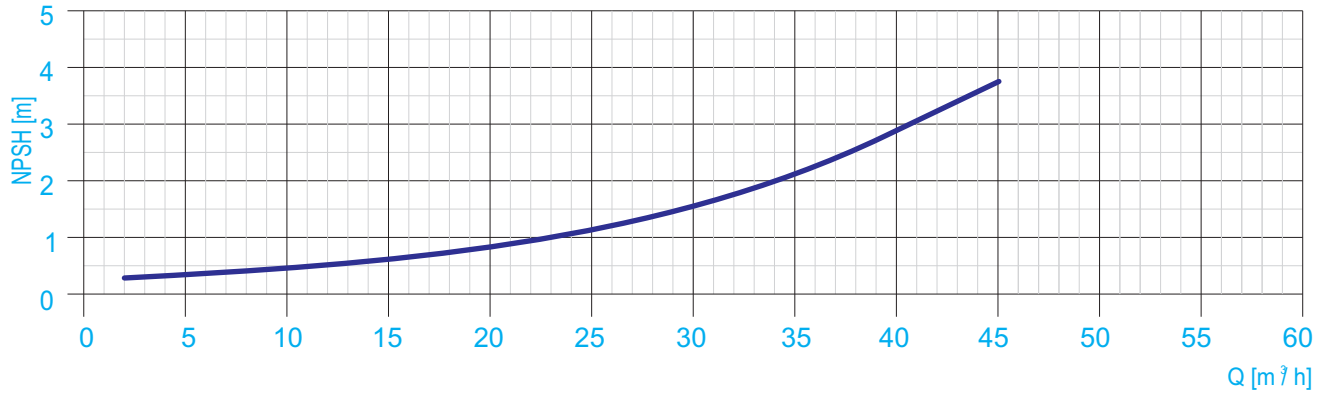
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3 pale *Ouverte - 3 pales* *Offenes - 3 shaufeln* *Open - 3 vanes* *Abierta - 3 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 30	**198 - 27**	**DIN 11851**	**DN65**	**DN50**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	2,2	3	400 / 3	50	90 S - 100	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

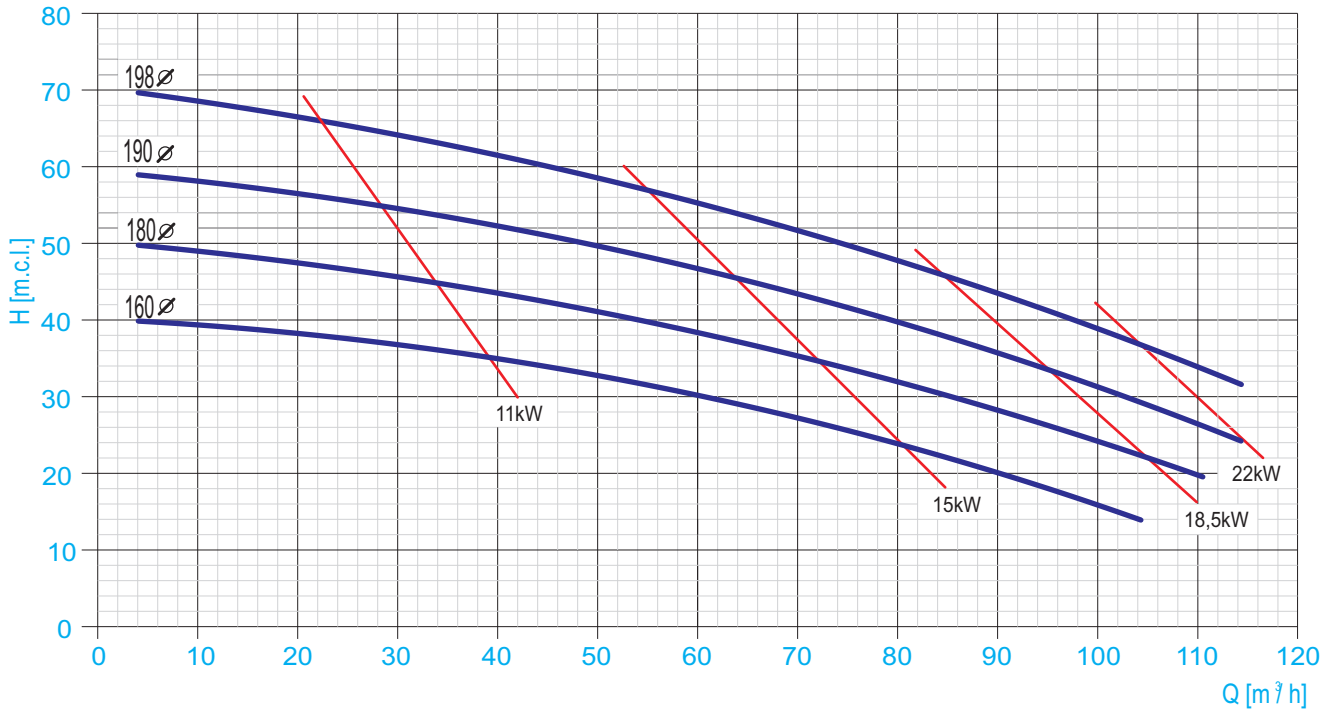
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-C**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

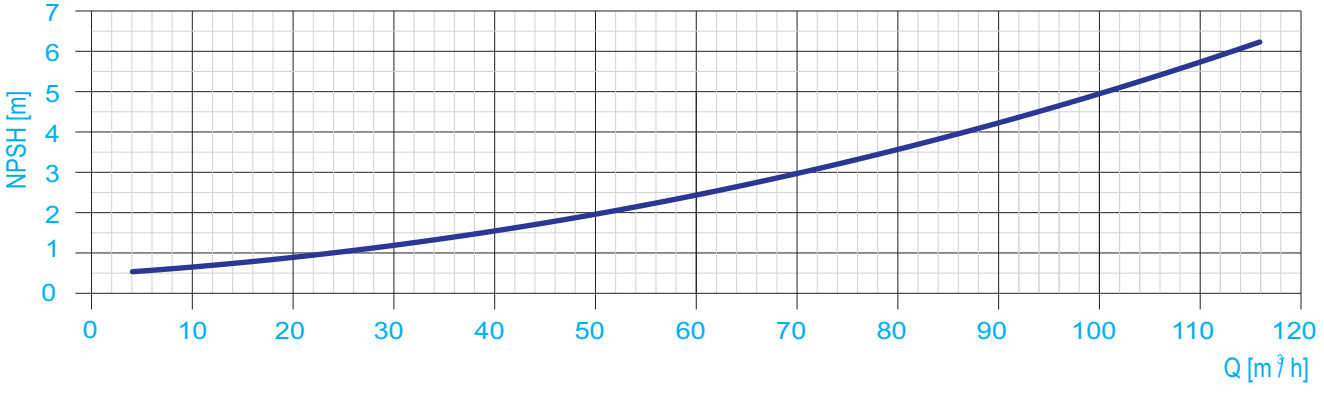
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 38	**198 - 35**	**DIN 11851**	**DN80**	**DN65**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
11	15	22	30	400 / 3	50	132 - 180	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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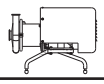


CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

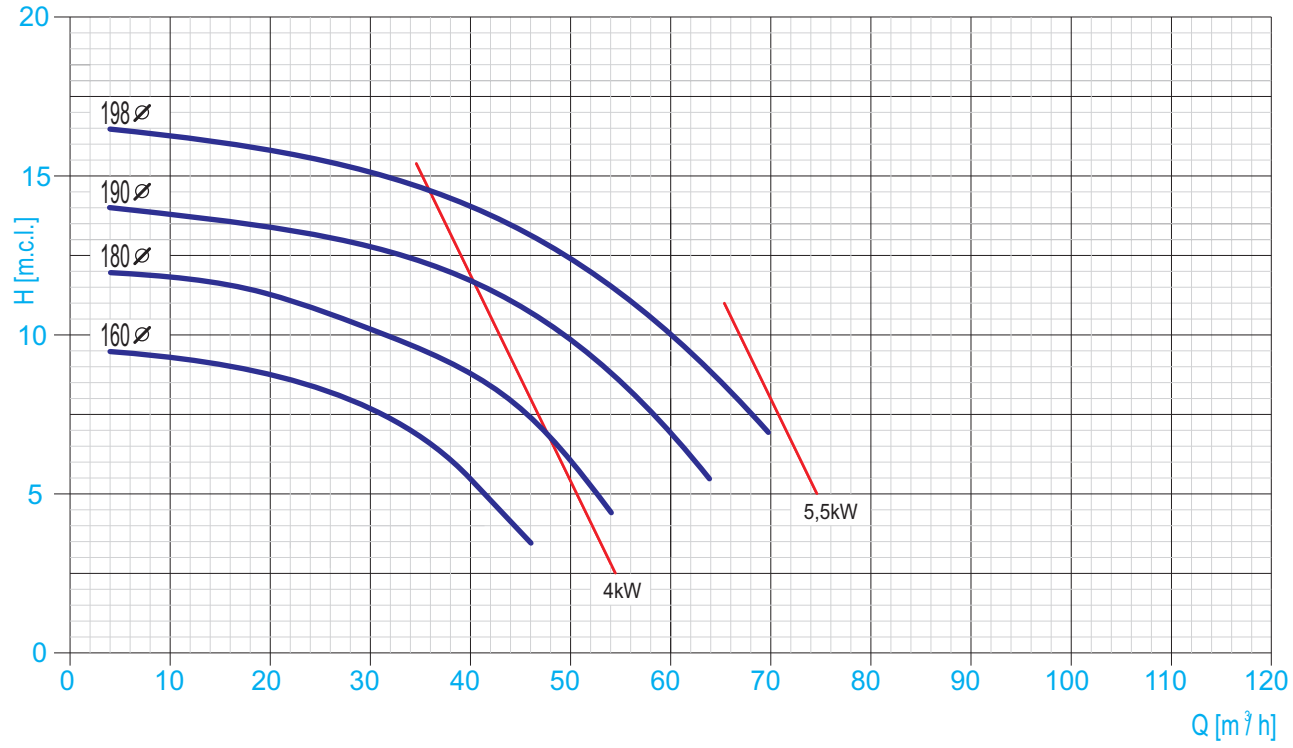
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-C**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

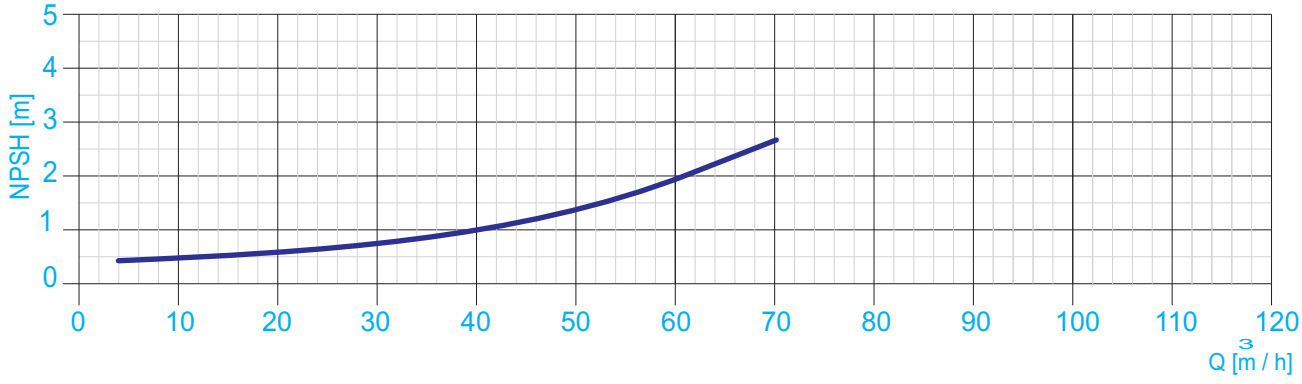
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	160 - 38	**198 - 35**	**DIN 11851**	**DN80**	**DN65**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
2,2	3	9	12	400 / 3	50	100 - 132	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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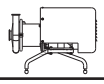


CURVE CARATTERISTICHE
Performances curves
Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

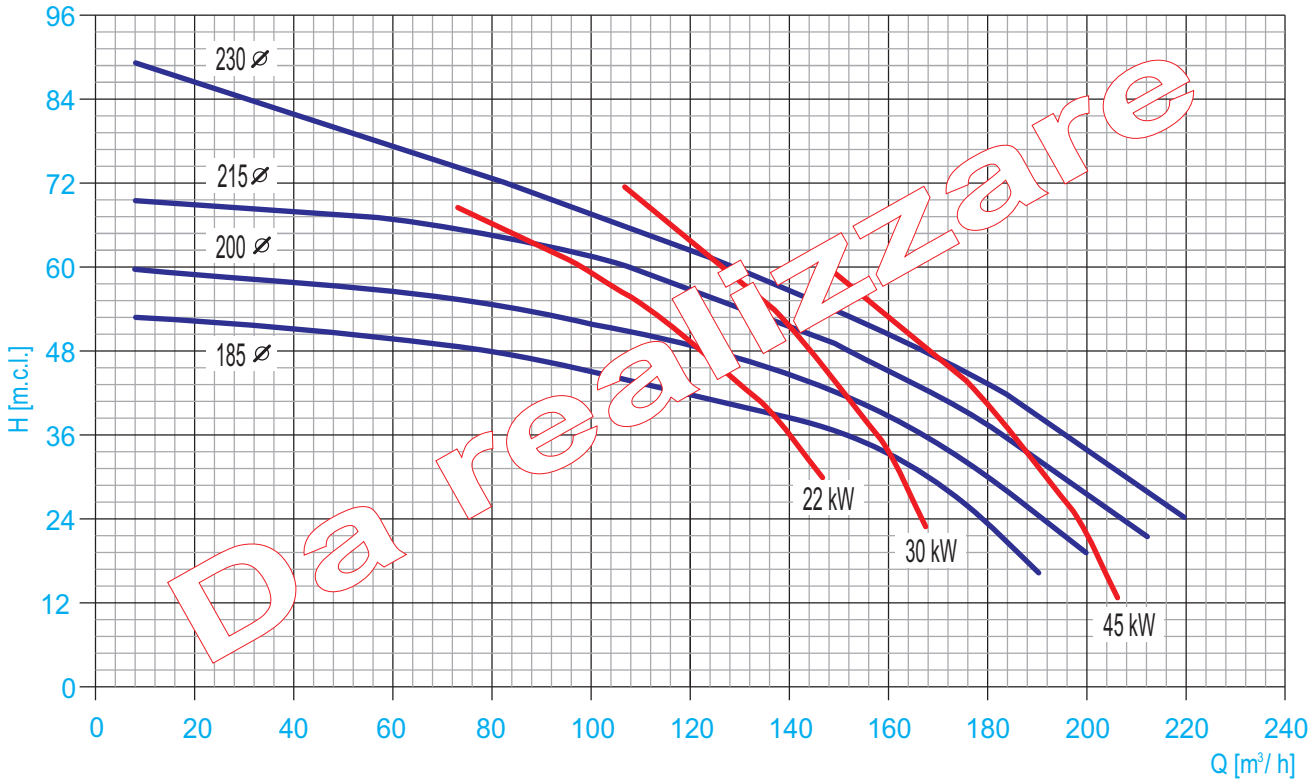
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-D**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 2900

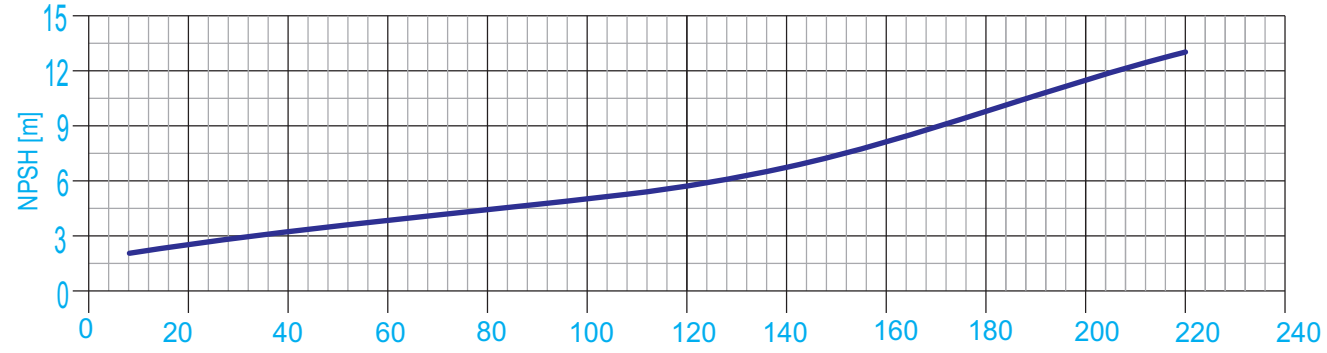
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* / *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	185 - 63	**230 - 60**	**DIN 11851**	**DN100**	**DN80**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
22	30	45	60	400/660 / 3	50	132 M - 225	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3)
Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performances curves

Courbes d'exécutions
Leistungen curven
Curvas de los funcionamientos

TYPE TEH

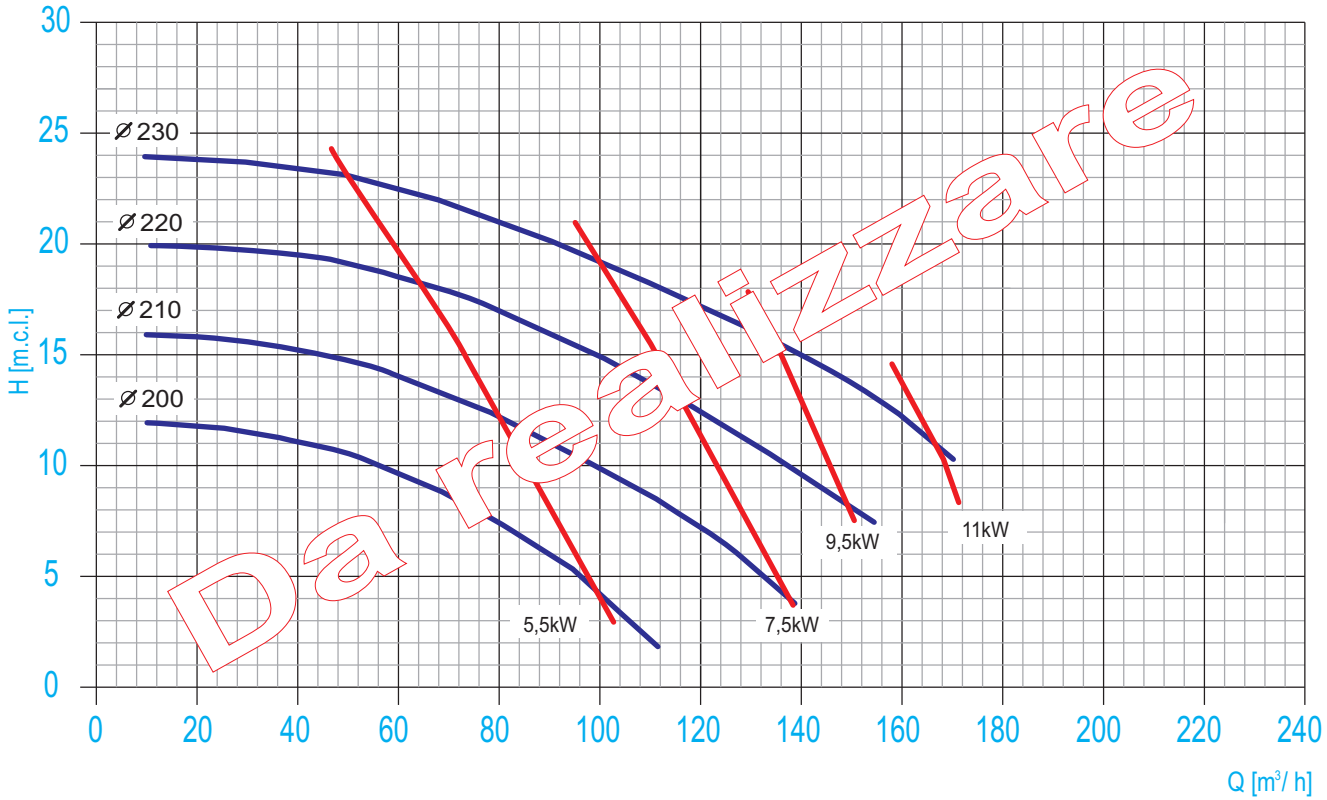
ELETTROPOMPA *Electro-pompe* Elektropumpe *Electro bomba* / *Electro-pump*	**TEH-D**	**giri / min** *révolution / min* *umdrehung / min* *revolución / min*	**n** 1450

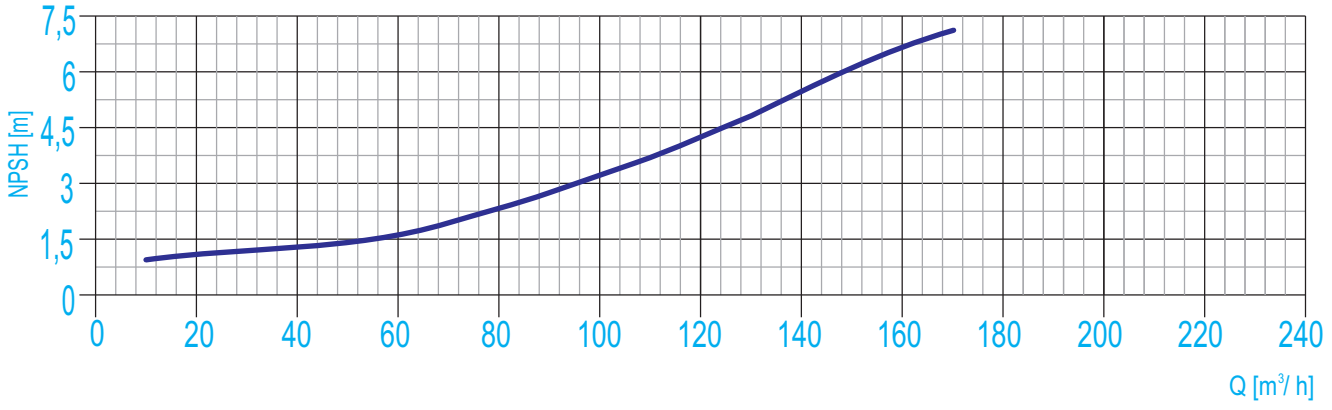
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		**RACCORDI** - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 4 pale *Ouverte - 4 pales* *Offenes - 4 shaufeln* / *Open - 4 vanes* *Abierta - 4 paletas*	**Ømin - h (mm)**	**Ømax - h (mm)**	**TIPO** - *Type - Art*	**Aspirazione** - *In*	**Mandata** - *Out*
	200 - 62	**230 - 60**	**DIN 11851**	**DN100**	**DN80**

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
5,5	7,5	11	15	400/660 / 3	50	132 S - 160 L	

Note - Notes - Anmerkungen - Notas:
Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm^3) - Curves obtained with water at 20°C (1 kg/dm^3) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm^3) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm^3) Las curvas se han obtenido con agua a 20°C (1 kg/dm^3).





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CURVE CARATTERISTICHE
Performance curves
Courbes d'exécutions
Leistungskurven
Curvas caracteristicas

TYPE TEH

ELETTROPOMPA *Electro-pump* (*Electro-pompe, Elektropumpe, Electro bomba*)	TEH	giri / min *revolution / min* (*révolution / min, umdrehung / min, revolución / min*)	n 1450

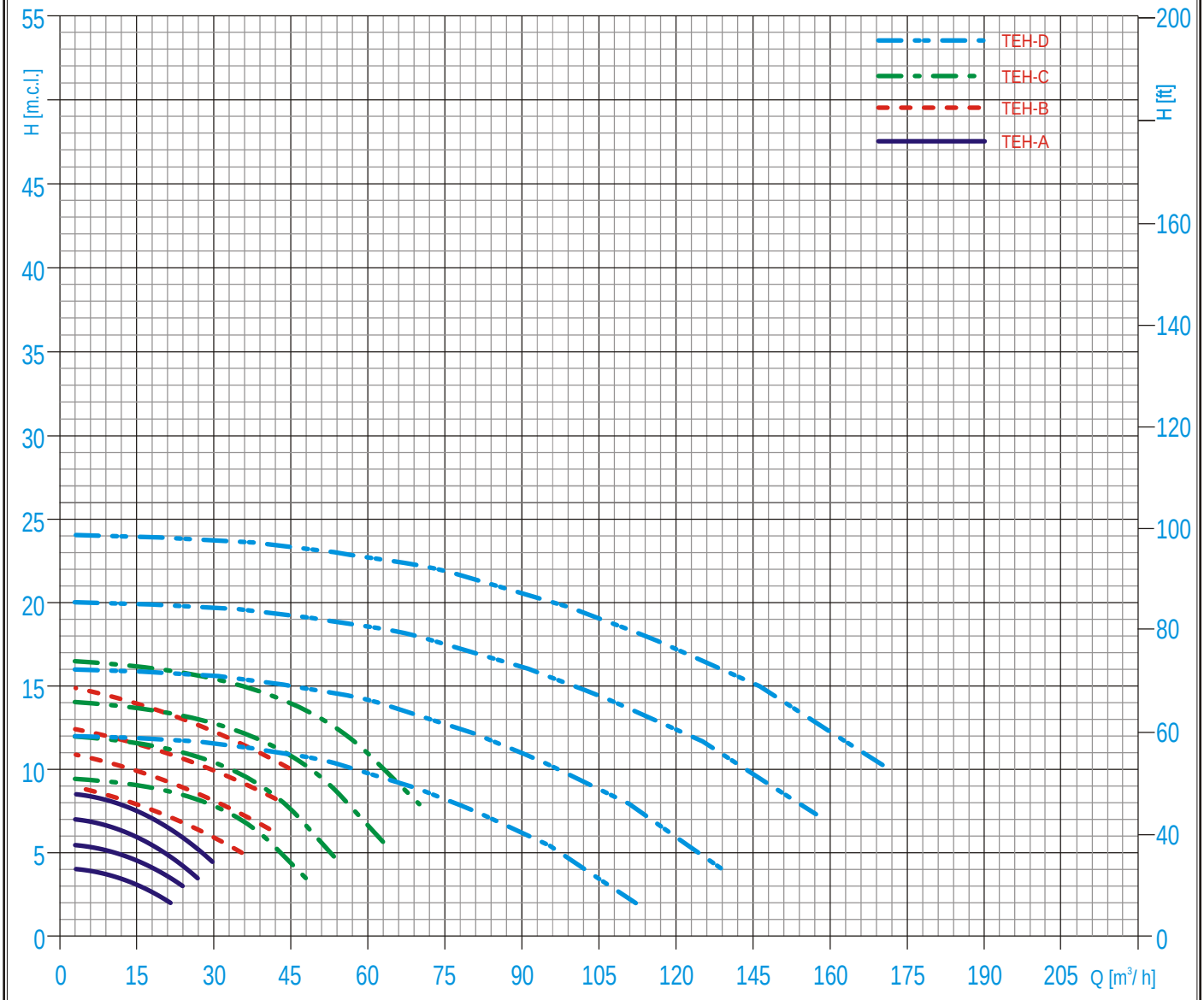
GIRANTE - *Impeller* - *Turbine - Laufrad - Rodete*		RACCORDI - *Nipple* - *Raccord - Anschlüsse - Conexión*		
Aperta - 3/4 pale *Open - 3/4 vanes* (*Ouverte - 3/4 pales, Offenes - 3/4 shaufeln, Abierta - 3/4 paletas*)	$Ø_{min}$ - $Ø_{max}$ (mm)	TIPO - *Type - Art*	Aspirazione - *In*	Mandata - *Out*
	115 - 230	DIN 11851	DN 50/100	DN 40/80

MOTORE - *Power - Moteur - Motor*

kW min	hp min	kW max	hp max	Volt / Ph	Hz	IEC	
1,1	1,5	15	20	400/660 / 3	50	90 / 160	

Note - Notes - Anmerkungen - Notas:

Le curve sono state ottenute con acqua alla temperatura di 20°C (1 kg/dm³) - Curves obtained with water at 20°C (1 kg/dm³) - Les essais ont été effectué avec l'eau à temperature de 20°C (1 kg/dm³) - Kennlinien gefahren mit wasser bei 20°C (1 kg/dm³) Las curvas se han obtenido con agua a 20°C (1 kg/dm³).



Fattori di conversione - *Conversion factors*
Facteurs de conversion - Umwandlung faktoren
Factores de la conversión

Q:	H:
m³/h x 16,67 = l/min	m x 9,81 = kPa
m³/h x 0,278 = l/s	m x 0,0981 = bar
m³/h x 3,67 = Imp.g.p.m.	m x 3,28 = ft
m³/h x 4,40 = U.S.g.p.m.	

Note - *Notes*

TEH-D
TEH-C
TEH-B
TEH-A

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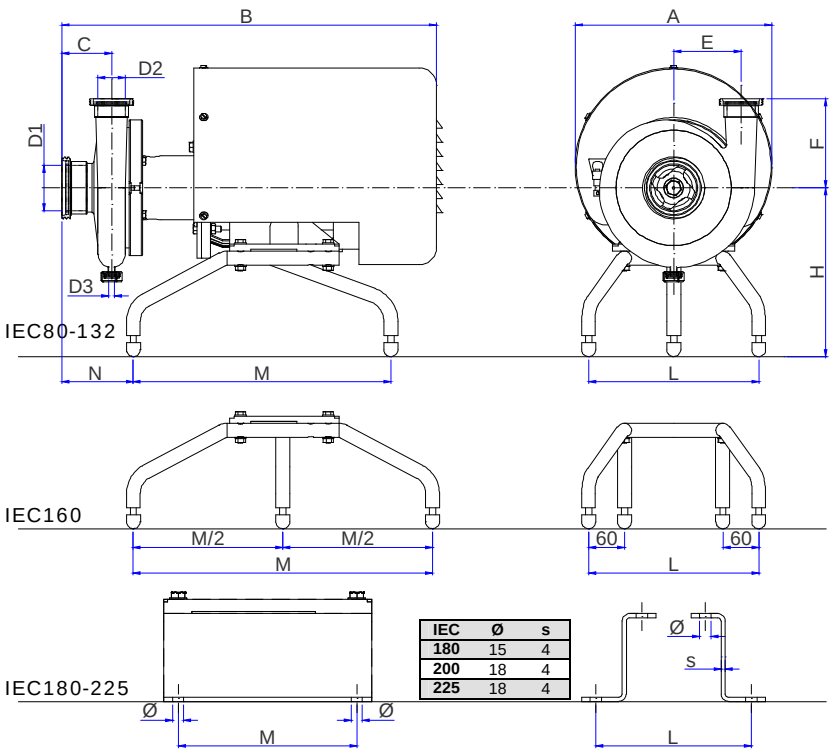
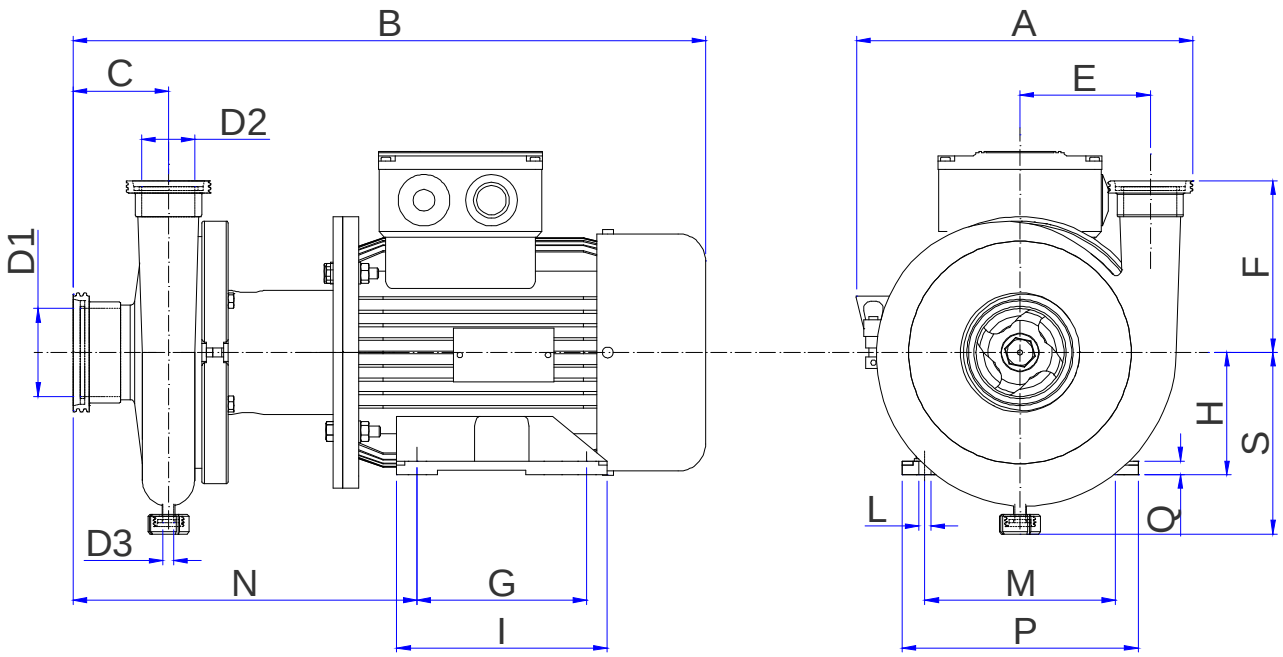


IEC	Ø	s
180	15	4
200	18	4
225	18	4

Dimensioni indicative d'ingombro con raccordi DIN 11851 e motore "B3-B5".

Approximate overall dimensions with DIN 11851 nipples and motor "B3-B5"
Dimension d'encombrement indicatif avec raccords DIN 11851 et moteur "B3-B5"
Abmessungen mit milchrohranschlussen DIN 11851 and motor "B3-B5"
Dimensiones totales indicativas con conexiones DIN 11851 y motor "B3-B5"

POMPE *Pumps*	Poli *Poles*	kW (hp)	IEC	D1	D2	D3	A	B	C	E	F	H	L	M	N	[kg]
TEH-A	2	1,5 (2)	90 S	DN 50	DN 40	**DN 10 + Tappo Girella Solo Pompe EHEDG** – *DN10 + Cap Only EHEDG Pumps*	295	585	75	95	140	220	240	390	120	
	2	2,2 (3)	90 L				295	585	75	95	140	220	240	390	120	
	2	3 (4)	100				325	650	75	95	140	245	290	430	130	
	2	4 (5,5)	112				340	650	75	95	140	265	310	440	120	
	2	5,5 (7,5)	112				340	650	75	95	140	265	310	440	120	
	4	1,1 (1,5)	90 S				295	585	75	95	140	200	240	390	120	
TEH-B	2	4 (5,5)	112	DN 65	DN 50		340	655	65	125	160	265	310	440	120	
	2	5,5 (7,5)	112				340	655	65	125	160	265	310	440	120	
	2	7,5 (10)	132 S				400	740	65	125	160	280	280	460	165	
	2	9 (12)	132 M				400	740	65	125	160	280	280	460	165	
	2	11 (15)	132 M				400	740	65	125	160	280	280	460	165	
	2	15 (20)	132 M				400	740	65	125	160	280	280	460	165	
	2	15 (20)	160 M				500	1030	65	125	160	325	325	450	240	
	2	18,5 (25)	160 L				500	1030	65	125	160	325	325	450	240	
	2	22 (30)	180 M				500	1030	65	125	160	330	330	450	250	
	4	2,2 (3)	100				325	655	65	125	160	245	290	430	130	
	4	3 (4)	100				325	655	65	125	160	245	290	430	130	
TEH-C	2	11 (15)	132 M	DN 80	DN 65		400	760	80	125	165	280	280	460	185	
	2	15 (20)	132 M				400	760	80	125	165	280	280	460	185	
	2	15 (20)	160 M				500	1050	80	125	165	325	325	460	260	
	2	18,5 (25)	160 L				500	1050	80	125	165	325	325	460	260	
	2	22 (30)	180 M				500	1050	80	125	165	330	330	450	270	
	4	2,2 (3)	100				325	675	80	125	165	245	290	430	150	
	4	3 (4)	100				325	675	80	125	165	245	290	430	150	
	4	4 (5,5)	112				340	675	80	125	165	265	310	440	140	



Dimensioni indicative d'ingombro con raccordi DIN 11851 e motore "B3-B5".

Approximate overall dimensions with DIN 11851 nipples and motor "B3-B5"
Dimension d'encombrement indicatif avec raccords DIN 11851 et moteur "B3-B5"
Abmessungen mit milchrohranschlussen DIN 11851 and motor "B3-B5"
Dimensiones totales indicativas con conexiones DIN 11851 y motor "B3-B5"

POMPE *Pumps*	Poli *Poles*	kW (hp)	IEC	D1	D2	D3	A	B	C	E	F	G	H	I	L	M	N	P	Q	S	[kg]
	2	1,5 (2)	90 S				260	500	75	95	140	100	90	150	10	140	295	170	9	140	
	2	2,2 (3)	90 L				260	500	75	95	140	125	90	150	10	140	295	170	9	140	
	2	3 (4)	100				260	580	75	95	140	140	100	172	12	160	303	197	12	140	
TEH-A	2	4 (5,5)	112	DN 50	DN 40		260	580	75	95	140	140	112	168	12	190	310	222	12	140	
	2	5,5 (7,5)	112				260	580	75	95	140	140	112	168	12	190	310	222	12	140	
	4	1,1 (1,5)	90 S				260	500	75	95	140	100	80	125	9	125	290	153	9	140	
	2	4 (5,5)	112				320	580	65	125	160	140	112	168	12	190	310	222	12	160	
	2	5,5 (7,5)	112				320	580	65	125	160	140	112	168	12	190	310	222	12	160	
	2	7,5 (10)	132 S				320	670	65	125	160	140	132	212	12	216	355	262	16	160	
	2	9 (12)	132 M				320	670	65	125	160	178	132	212	12	216	355	262	16	160	
TEH-B	2	11 (15)	132 M	DN 65	DN 50		320	670	65	125	160	178	132	212	12	216	355	262	16	160	
	2	15 (20)	132 M				320	670	65	125	160	178	132	212	12	216	355	262	16	160	
	2	15 (20)	160 M				320	840	65	125	160	210	160	296	14	254	410	296	20	160	
	2	18,5 (25)	160 L				320	840	65	125	160	254	160	296	14	254	410	296	20	160	
	2	22 (30)	180 M				320	840	65	125	160	241	180	320	22	279	420	320	22	160	
	4	2,2 (3)	100				320	580	65	125	160	140	100	172	12	160	305	197	12	160	
	4	3 (4)	100				320	580	65	125	160	140	100	172	12	160	305	197	12	160	
	2	11 (15)	132 M				320	690	80	125	165	178	132	212	12	216	375	262	16	160	
	2	15 (20)	132 M				320	690	80	125	165	178	132	212	12	216	375	262	16	160	
	2	15 (20)	160 M				320	860	80	125	165	210	160	296	20	254	430	296	20	160	
TEH-C	2	18,5 (25)	160 L	DN 80	DN 65		320	860	80	125	165	254	160	288	15	254	430	310	20	160	
	2	22 (30)	180 M				320	860	80	125	165	241	180	316	15	279	440	340	22	160	
	4	2,2 (3)	100				320	600	80	125	165	140	100	172	12	160	325	197	12	160	
	4	3 (4)	100				320	600	80	125	165	140	100	172	12	160	325	197	12	160	
	4	4 (5,5)	112				320	600	80	125	165	140	112	165	12	190	330	220	12	160	

DN 10 + Tappo Girella Solo Pompe EHEDG
DN10 + Cap Only EHEDG Pumps

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