

Elettropompe sommergibili con girante monocanale aperto

Submersible electropumps with open channel impeller

Potenze / Power:	1.5÷9 kW
Mandate / Delivery:	DN65-80

Impieghi

La serie M 2 poli trova impiego nel pompaggio e nel drenaggio di liquidi chiari e fognari. Le alte prestazioni le rendono efficaci in varie applicazioni: depuratori, canalizzazioni industriali, zootecnia, fognature.

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 2 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: 20m
- Valori pH ammessi: 6-10
- Caratteristiche idrauliche valide per liquidi di densità <math><1,1 \text{ kg/dm}^3</math>
- Tensioni ammesse: 230/400V o 400/690V $\pm 5\%$ a seconda del modello
- Frequenza ammessa: 50Hz $\pm 2\%$

Application

The M 2 poles Series is used in pumping and draining clear liquids and sewage. High performance renders it useful in a variety of applications: water treatment plants, industrial plants, farms and sewers.

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 at 2 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

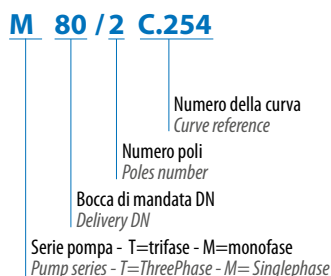
The cooling of the motor is ensured by the liquid where the pump is submerged.

Limits of use

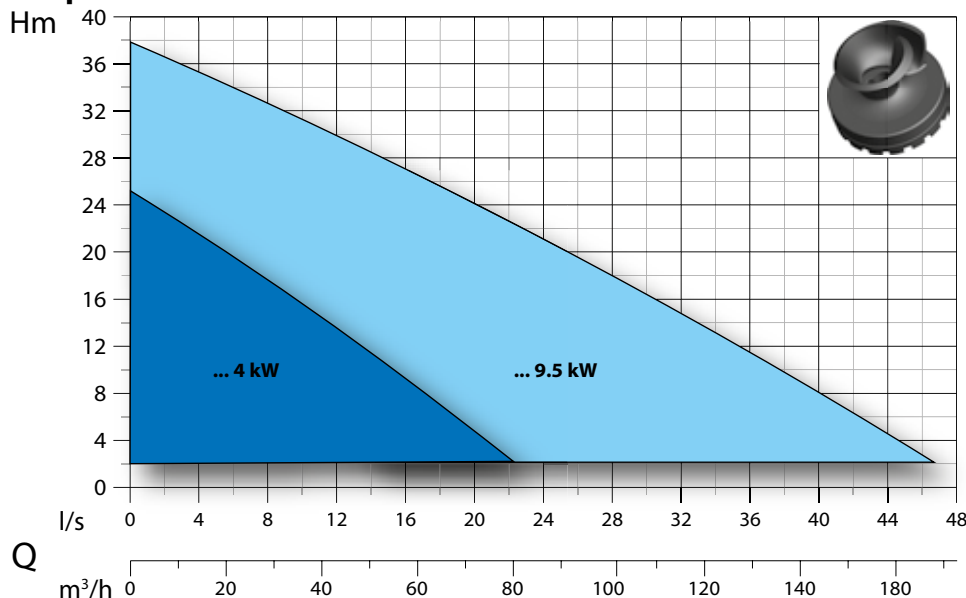
- Max. permissible liquid temperature: 40°C with pump fully submerged
- On request, special version (excluded ATEX) to withstand liquid temperature up to 60°C with pump fully submerged, no S1 service
- Maximum depth of immersion: 20 MT.
- Permissible pH value: 6-10
- Hydraulic features suitable for liquids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



Designazione / Designation



Campo di Prestazione / Performance Overview



Identificazione Curve

Curves Identification

- DN65
- DN80

Normative

Norms

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

Distinta dei componenti e materiali

List of components and materials

M

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 cuscinetto - Flange support

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

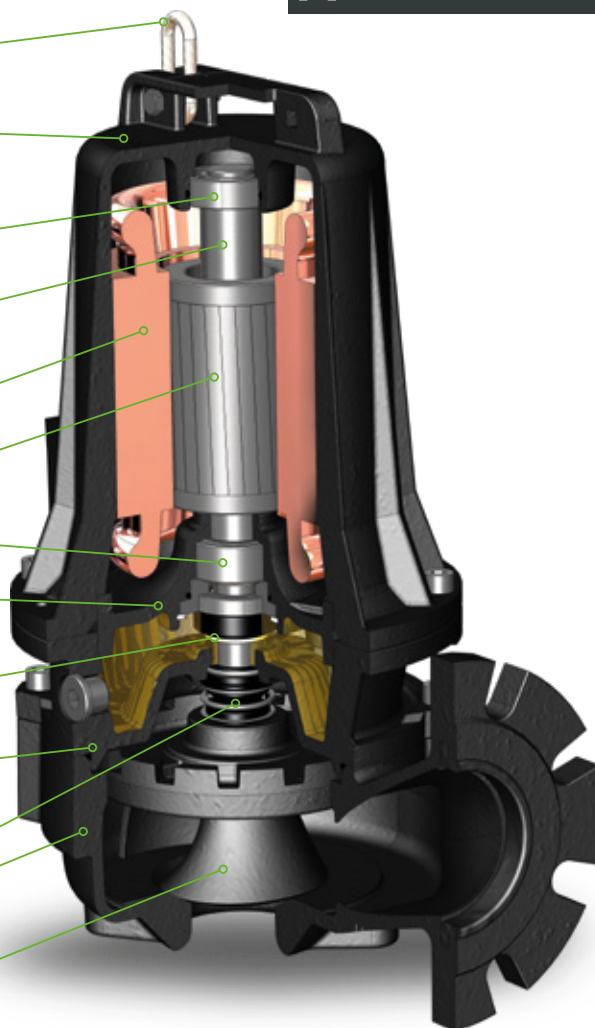
Carburo di silicio - Silicon/Carbide (SiC/SiC/Viton)

Corpo pompa - Body pump

Ghisa GG25 - Cast iron GG25

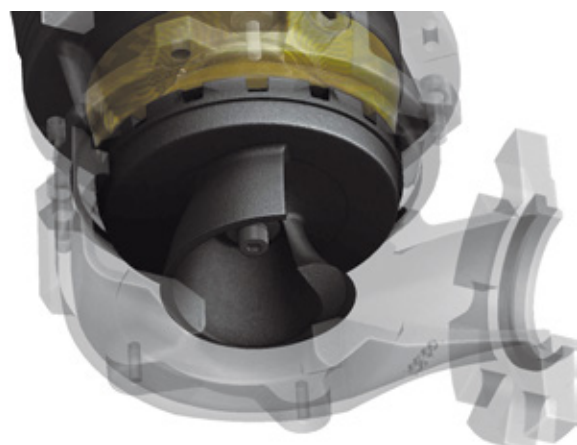
Girante - Impeller

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



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.

Mandata Orizzontale DN65 PN10 - RPM 2850 1/min 2 poli

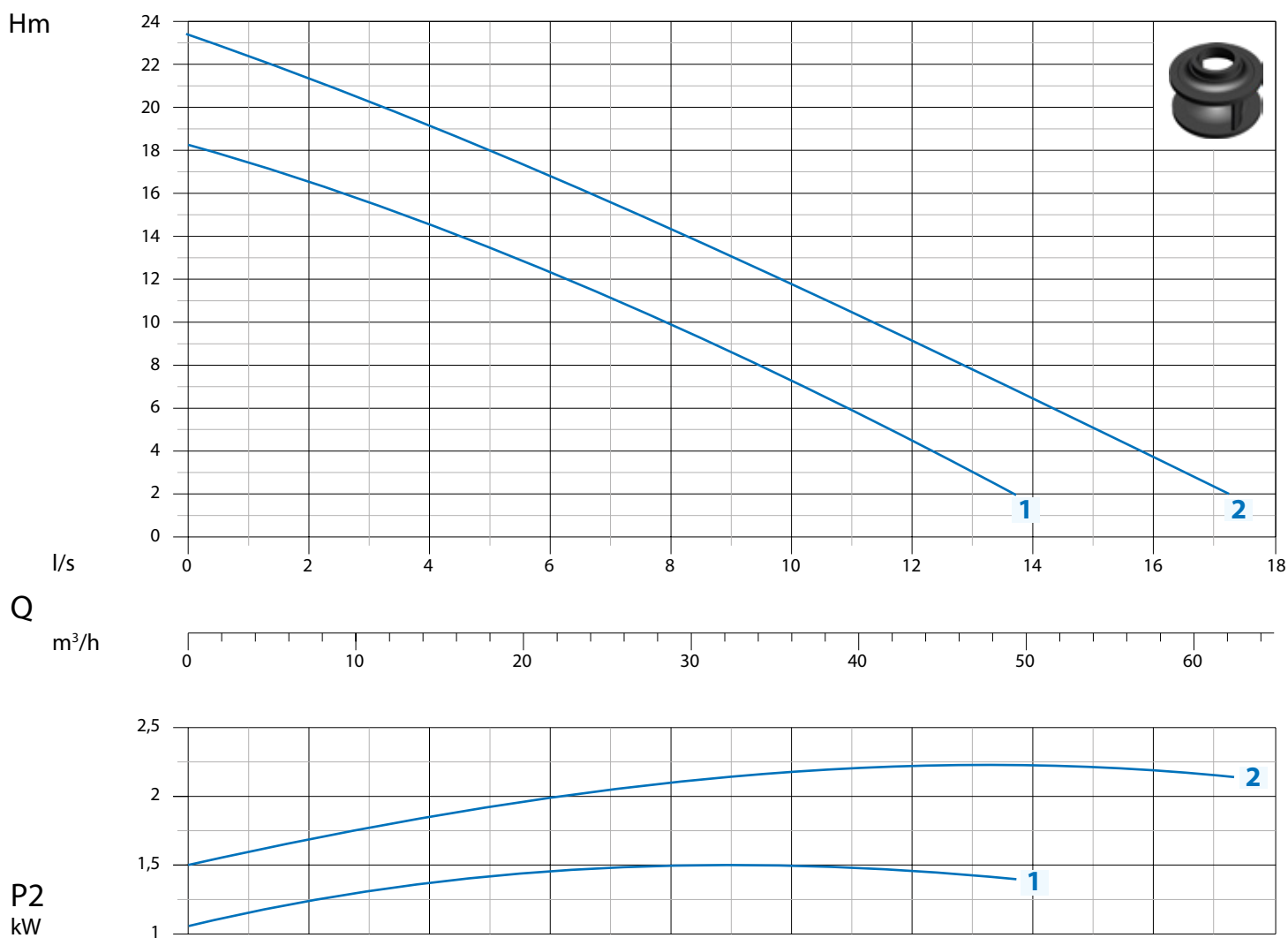
Horizontal Outlet DN65 PN10 - RPM 2850 1/min 2 poles

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Picture for illustration purposes only



Curva di Prestazione

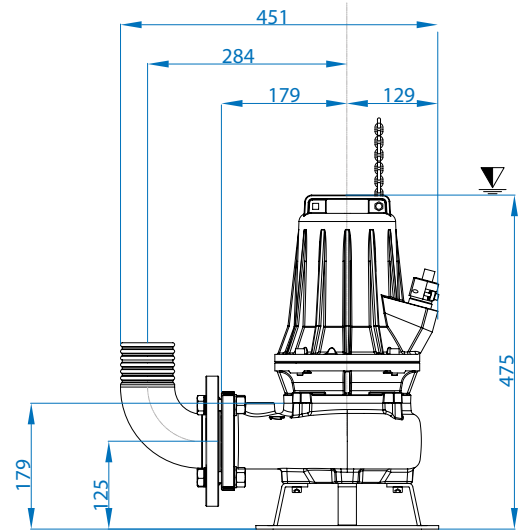
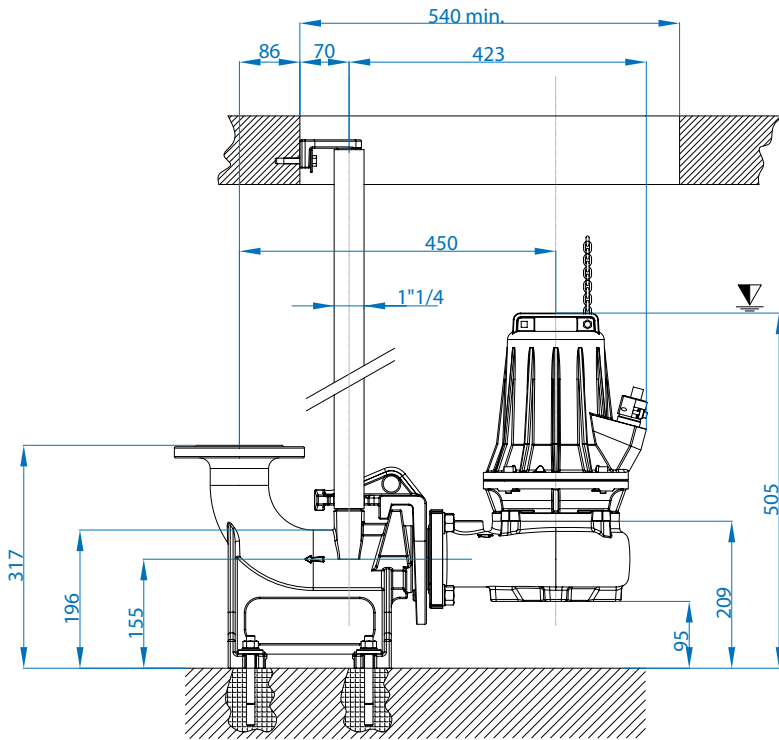
Performance Curve



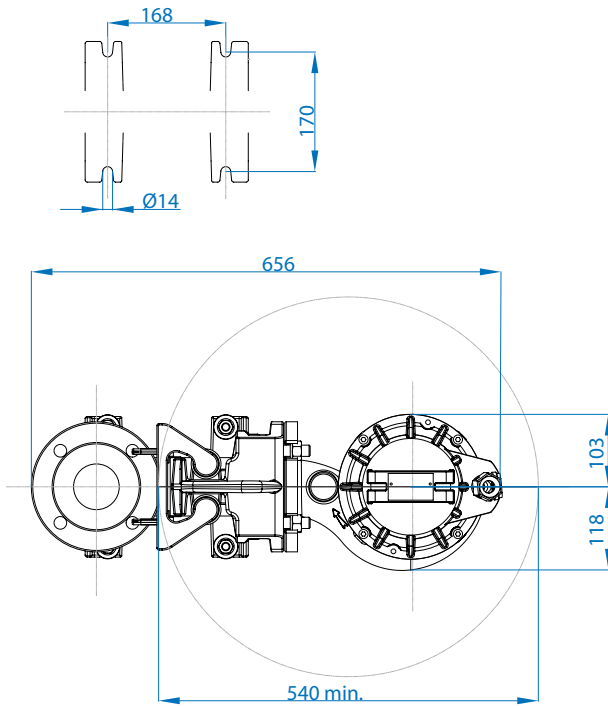
N°	Tipo Type	l/s	1	2	4	6	8	10	12	14	16
			l/m	60	120	240	360	480	600	720	840
		m³/h	3,6	7,2	14,4	21,6	28,8	36,0	43,2	50,4	57,6
1	M 65/2 C.236	mt	17,5	16,5	14,5	12,5	10	7	4,5	2	
2	M 65/2 C.237		22,5	21,5	19	17	14,5	11,5	9	6,5	3,5

N°	Tipo Type	Mandata Delivery	Passaggio Free Passage	kW		HP	R.P.M. 1/min	A		Hz
				P1	P2			1 Phase - 230V	3 Phase - 400V	
1	M 65/2 C.236	DN65 PN10	40 mm	2,3	1,5	2	2850	11	35	3,8
2	M 65/2 C.237			3,1	2,2	3		5,3		

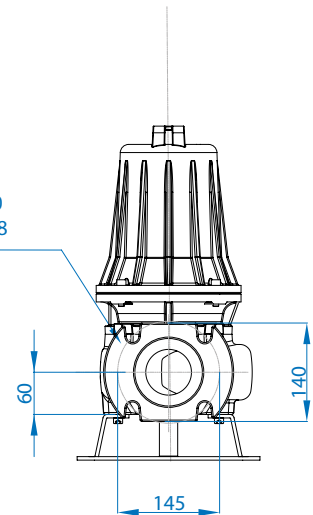
M



∇ Sommergenza minima
Minimum submersion



DN65 PN10
ex UNI 2278



Cavi / Cables

Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
Standard	3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15*	10
Standard		H07RN8F	4x1,5+3x0,50 Ø15**	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
M 65/2 C.236	295	460	331	43
M 65/2 C.237			331	43,5



Accessori - Optional



Piede di accoppiamento rapido
Tipo: DUTY 65 o B4(PN10)
Automatic coupling foot
Type: DUTY 65 or B4(PN10)



Curva flangiata portagomma N5
Base di sostegno P4 DN65
Flanged hose connection N5
Foot support P4 DN65



Manico inox
Stainless steel handle

Mandata Orizzontale DN65 PN10 - RPM 2850 1/min 2 poli

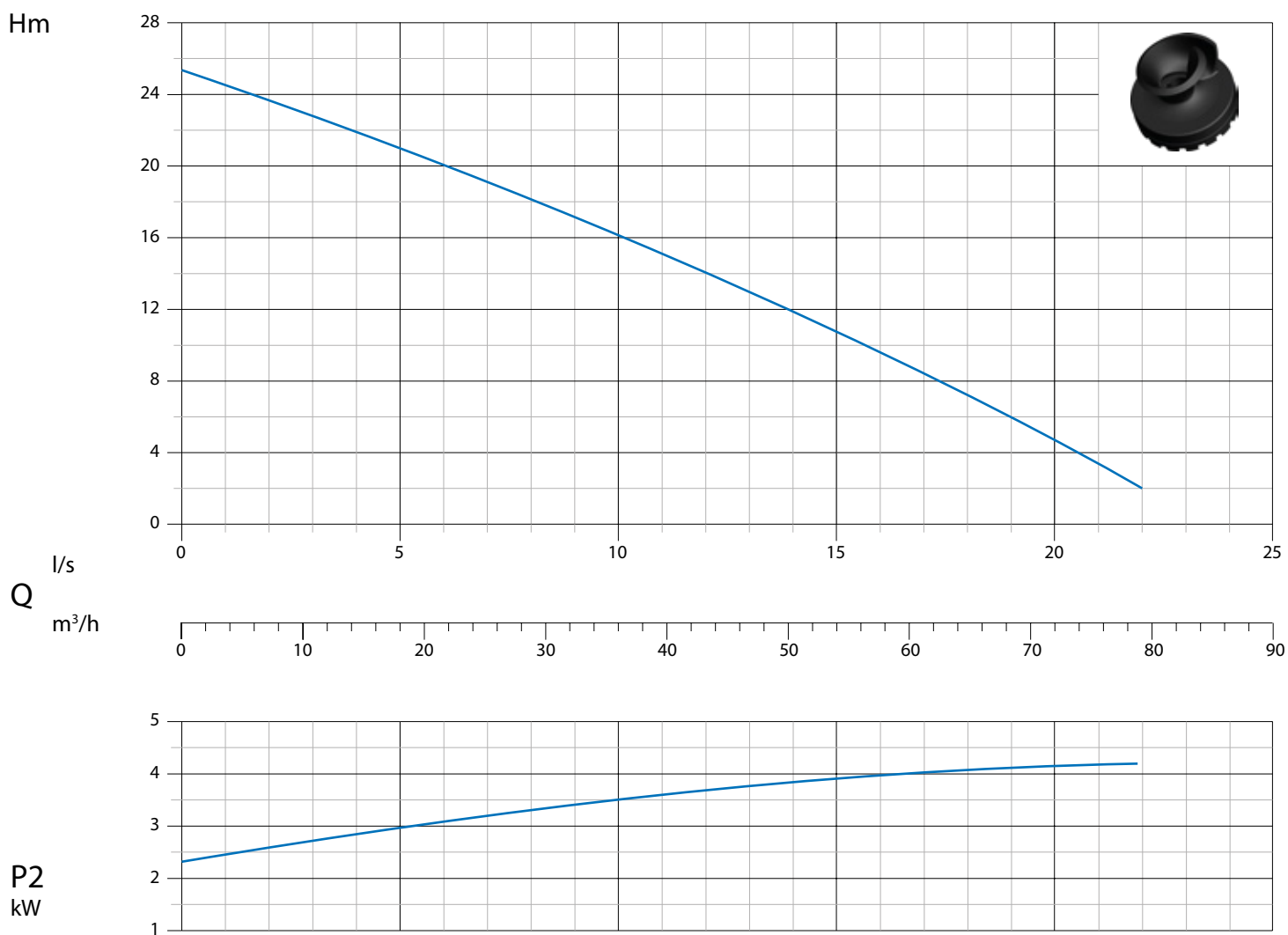
Horizontal Outlet DN65 PN10 - RPM 2850 1/min 2 poles

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Curva di Prestazione

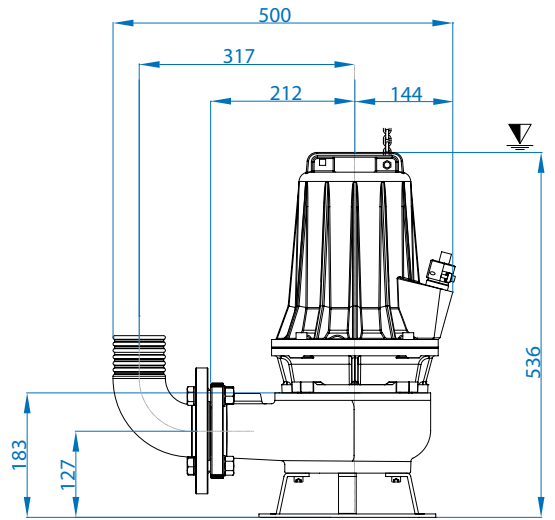
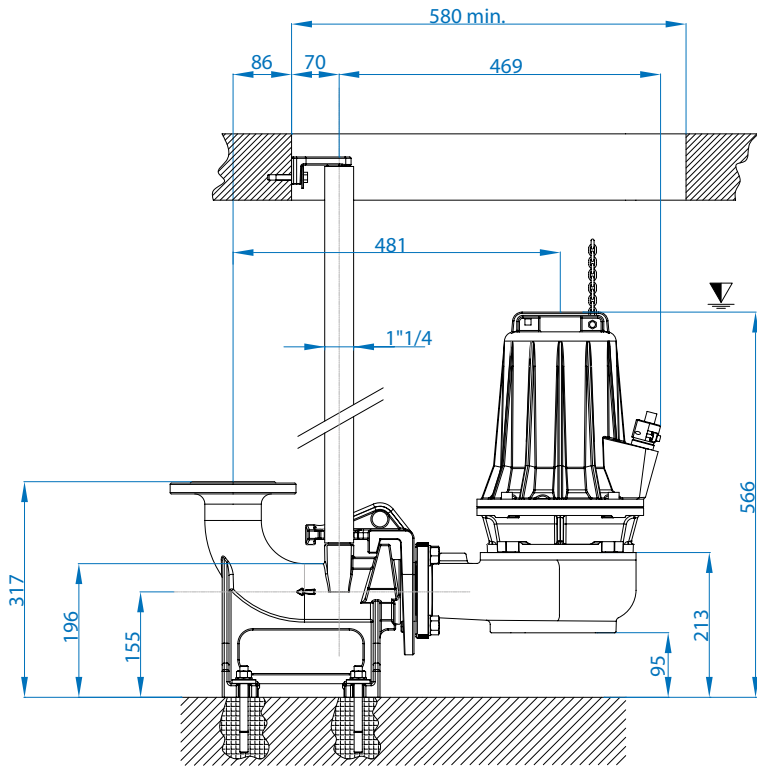
Performance Curve



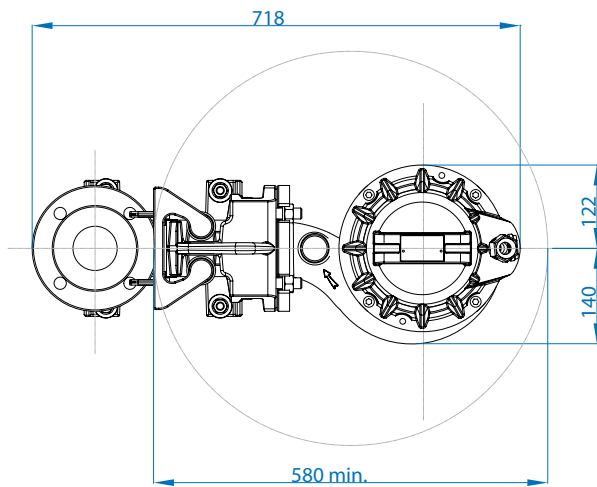
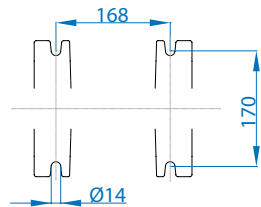
Tipo Type	l/s	2	4	6	8	10	12	14	16	18	22
	l/m	120	240	360	480	600	720	840	960	1080	1320
	m³/h mt	7,2	14,4	21,6	28,8	36	43,2	50,4	57,6	64,8	79,2
M 65/2 C. 247		23,5	22	20	18	16	14	12	9,5	7,5	2

Tipo Type	Mandata Delivery	Passaggio Free Passage	kW		HP	R.P.M. 1/min	A 3 Phase - 400V	Hz
			P1	P2				
M 65/2 C. 247	DN65 PN10	45 mm	5,6	4,2	5,5	2850	9,4	50

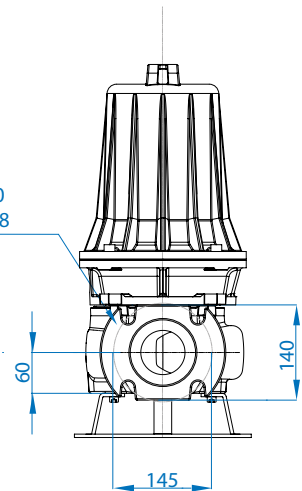
M



∇ Sommergenza minima
Minimum submersion



DN65 PN10
ex UNI 2278



Cavi / Cables

Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
Standard	3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 65/2 C. 247	355	580	420	60 62,5



Accessori - Optional



Piede di accoppiamento rapido
Tipo: DUTY 65 / B4 (PN10)
Automatic coupling foot
Type: DUTY 65 / B4 (PN10)



Curva flangiata portagomma N5
Base di sostegno P4 DN65
Flanged hose connection N5
Foot support P4 DN65



Manico inox
Stainless steel handle

Mandata Orizzontale DN80 PN16 - RPM 2850 1/min 2 poli

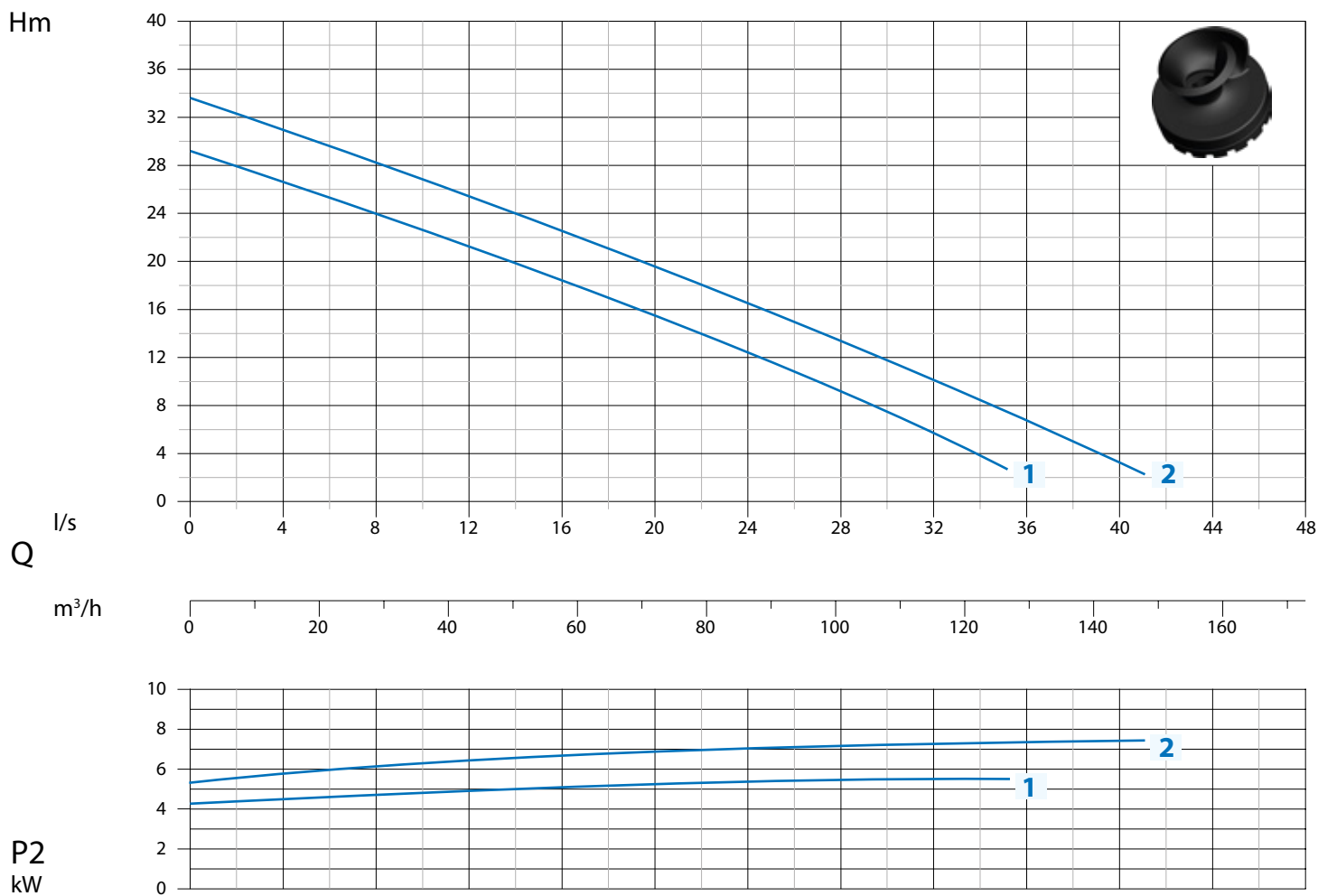
Horizontal Outlet DN80 PN16 - RPM 2850 1/min 2 poles

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Curva di Prestazione

Performance Curve

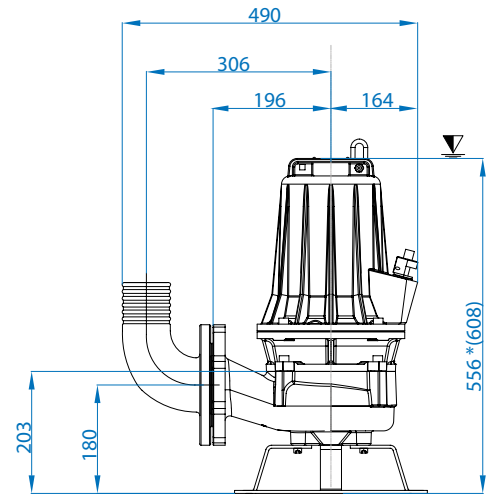
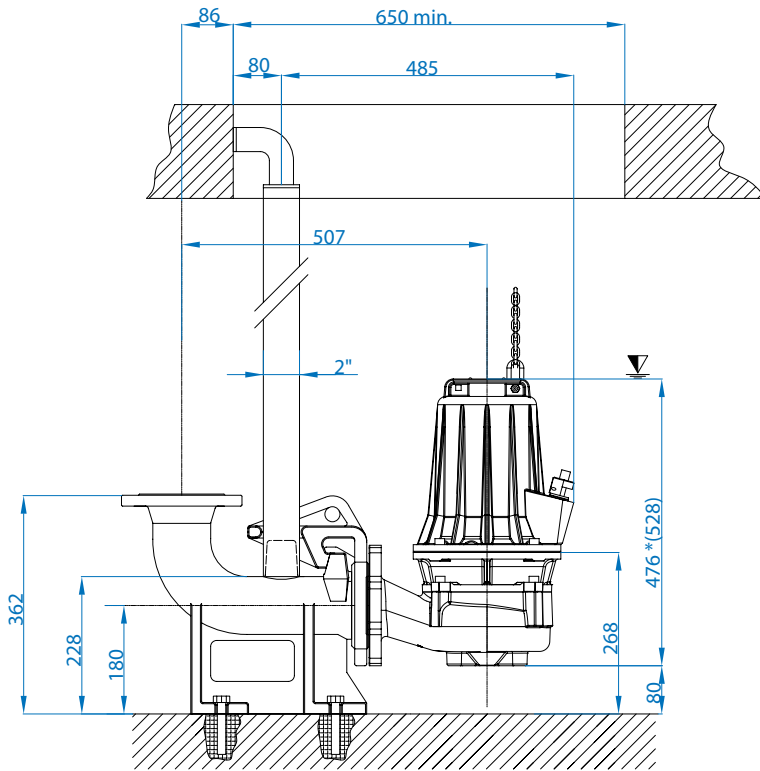


N°	Tipo Type	I/s	4	8	12	16	20	24	28	32	36	44
		l/m	240	480	720	960	1200	1440	1680	1920	2160	2640
		m³/h	14,4	28,8	43,2	57,6	72	86,4	100,8	115,2	129,6	158,4
1	M 80/2 C.254	mt	26	24	21	18	15,5	12	9	6		
2	M 80/2 C.257		31	28	25	22,5	19,5	17	13	10	7	

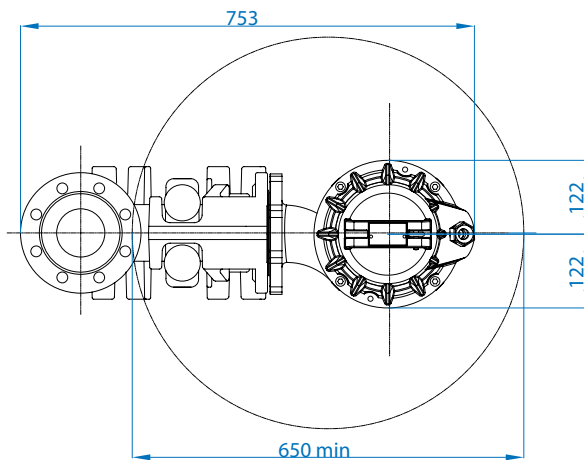
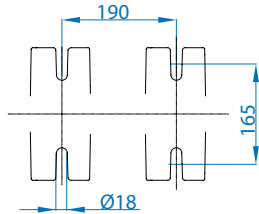
N°	Tipo Type	Mandata Delivery	Passaggio Free Passage	kW		HP	R.P.M. 1/min	A	Hz
				P1	P2			3 Phase - 400V	
1	M 80/2 C.254	DN80 PN16	60 mm	7	5,5	7,5	2850	11,5	50
2	M 80/2 C.257			8,7	7,5	10		14,5	

M

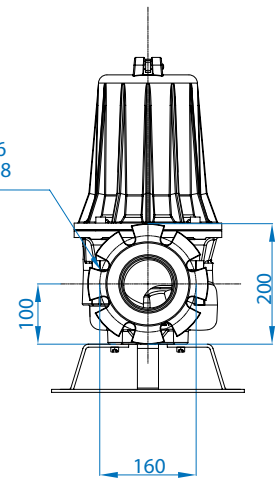
∇ Sommergenza minima
Minimum submersion



*(M 80/2 C.254-257-259)



DN80 PN16
ex UNI 2278



Cavi / Cables

Pompe Pumps	Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
80/2		3 ~ 400V	H07RN8F	7x1,5+3x0,50 Ø17*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 80/2 C.254	355	580	420	92
M 80/2 C.257				93

Accessori - Optional



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



Curva flangiata con portagomma N2
80/2/152 Base di sostegno P4
80/2/173 Base di sostegno P5
Flanged hose connection N2
80/2/152 Foot support P4
80/2/173 Foot support P5



Manico inox
Stainless Steel
Handle

Mandata Orizzontale DN80 PN16 - RPM 2850 1/min 2 poli

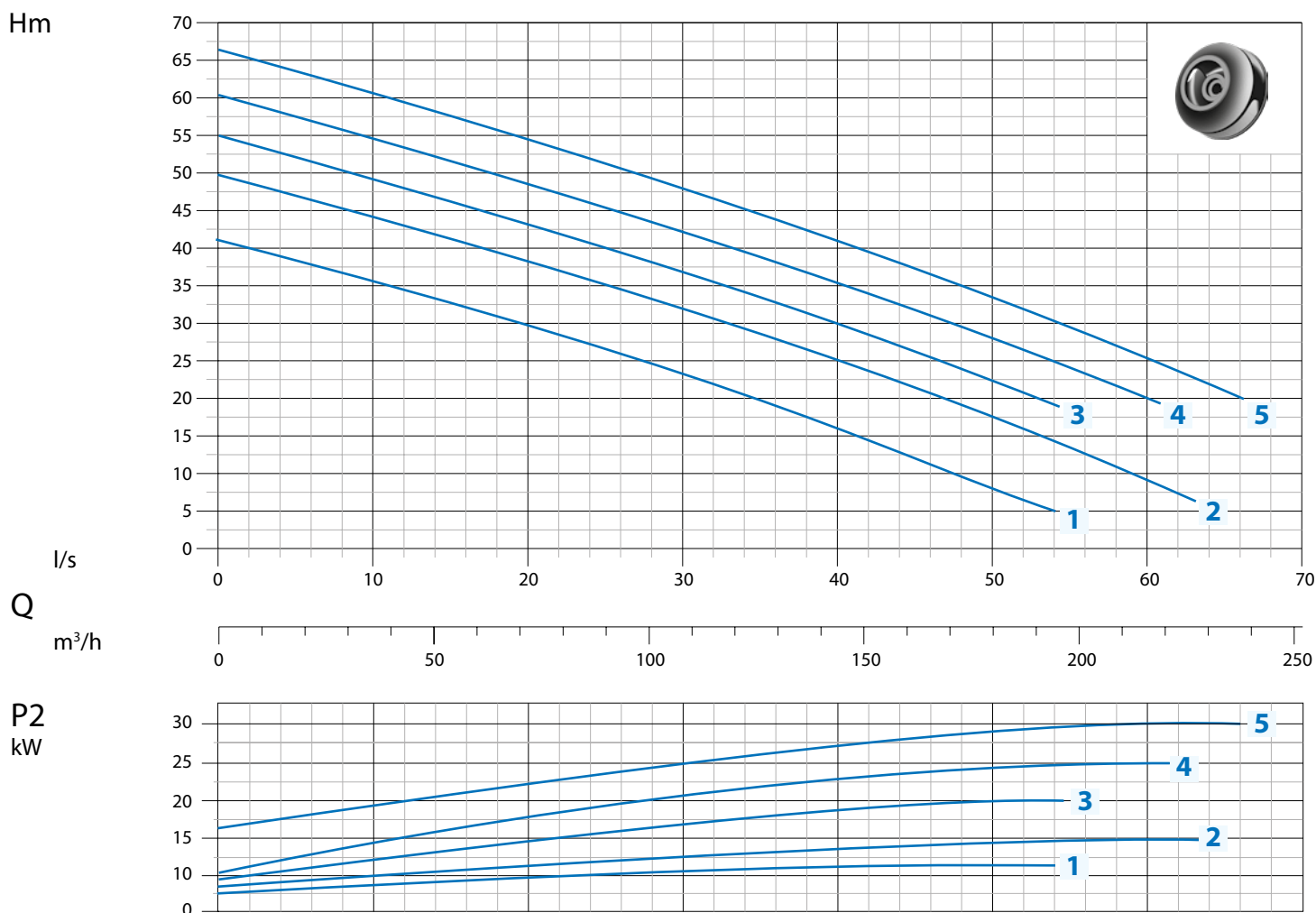
Horizontal Outlet DN80 PN16 - RPM 2850 1/min 2 poles

Immagine a solo scopo illustrativo
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Curva di Prestazione

Performance Curve

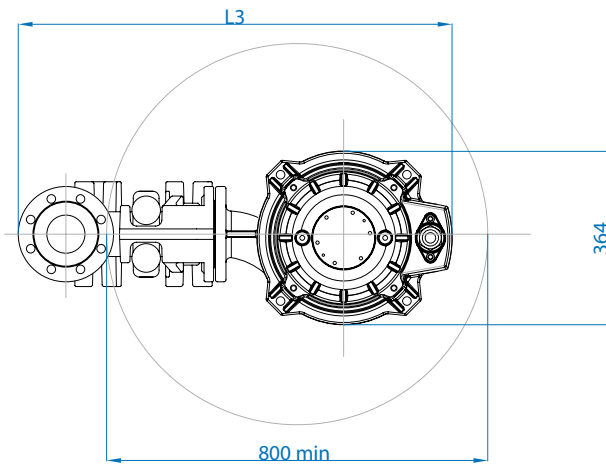
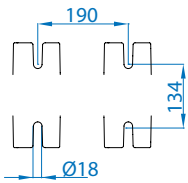
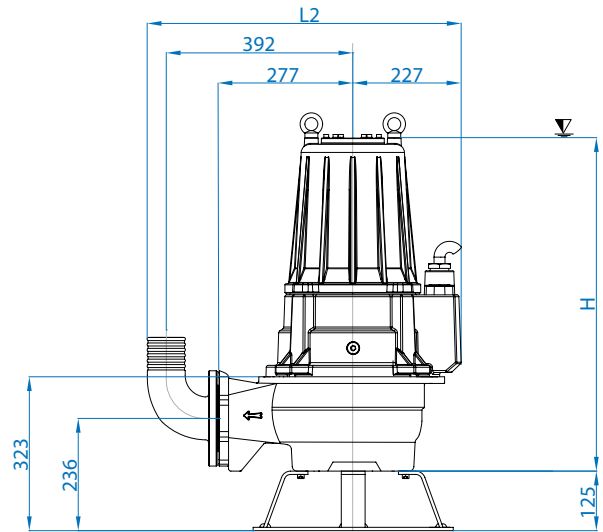
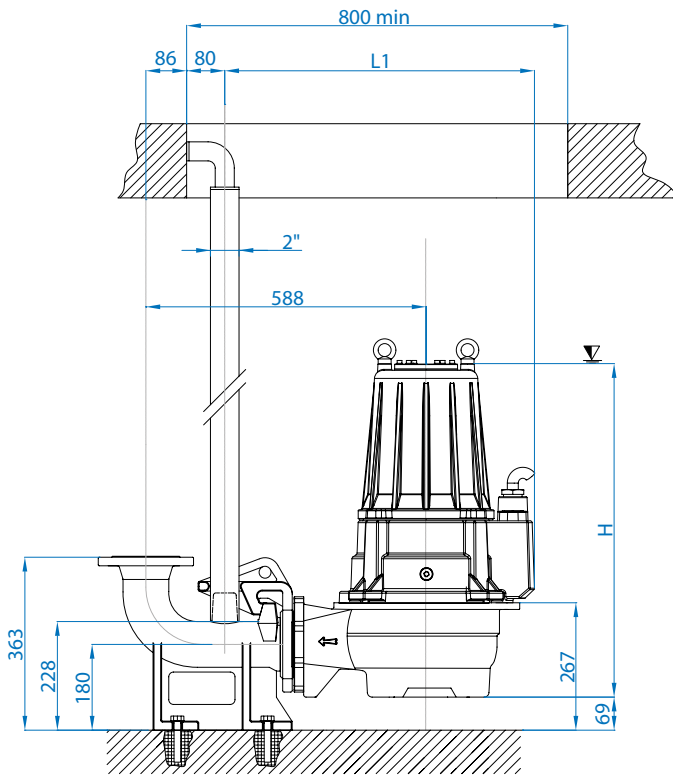


N°	Tipo Type											
		l/s	6	10	20	30	40	44	50	54	60	62
		l/m	360	600	1200	1800	2400	2640	3000	3240	3600	3720
		m³/h	21,6	36	72	108	144	158,4	180	194,4	216	223,2
1	M 80-2 C. 267	mt	37,5	35	30	22,5	16,5	12,5	7,5	5		
2	M 80-2 C. 268		47	44	38	32,5	25	22,5	17,5	14	8	7,5
3	M 80-2 C. 269		52	49	43	37	30	27,5	22,5	19		
4	M 80-2 C. 270		57	55	48	42,5	35	32,5	28	25	20	
5	M 80-2 C. 271		62,5	60	55	47,5	41,5	37,5	33	30	25	23

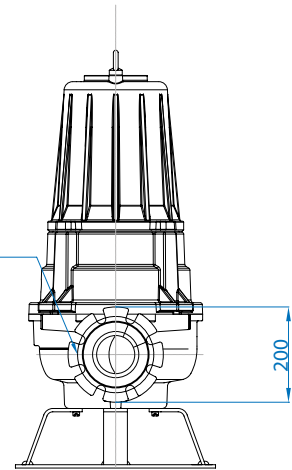
N°	Tipo Type	Mandata Delivery	Passaggio Free Passage	kW		HP	R.P.M. 1/min	A		Hz
				P1	P2			3 Phase - 400V		
1	M 80-2 C. 267	DN80 PN16	33 mm	13,8	12	16	2850	23		50
2	M 80-2 C. 268			18,5	15	29,7				
3	M 80-2 C. 269			25,4	20	41,5				
4	M 80-2 C. 270			29,9	25	48,4				
5	M 80-2 C. 271			34	30	54,9				

M

∇ Sommergenza minima
Minimum submersion



DN80 PN16
ex UNI 2278



	H	L1	L2	L3
C. 267-268	700	650	655	911
C. 269-270	741	678	683	934
C. 271	808	678	683	934

Cavi / Cables

Pompe Pumps	Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
C. 267-268	Standard	3 ~ 400V	H07RN8F	10x2,5 Ø23*	10
C. 269-270	Standard	3 ~ 400V	H07RN8F	7x4+3x1 Ø20,5*	10
C. 271	Standard	3 ~ 400V	NSSHÖU-J	7x6+3x1 Ø24*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 80-2 C. 267				190
M 80-2 C. 268				200
M 80-2 C. 269	510	860	420	262
M 80-2 C. 270				250
M 80-2 C. 271				293

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 P7
Flanged hose connection N2
Foot support P7

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

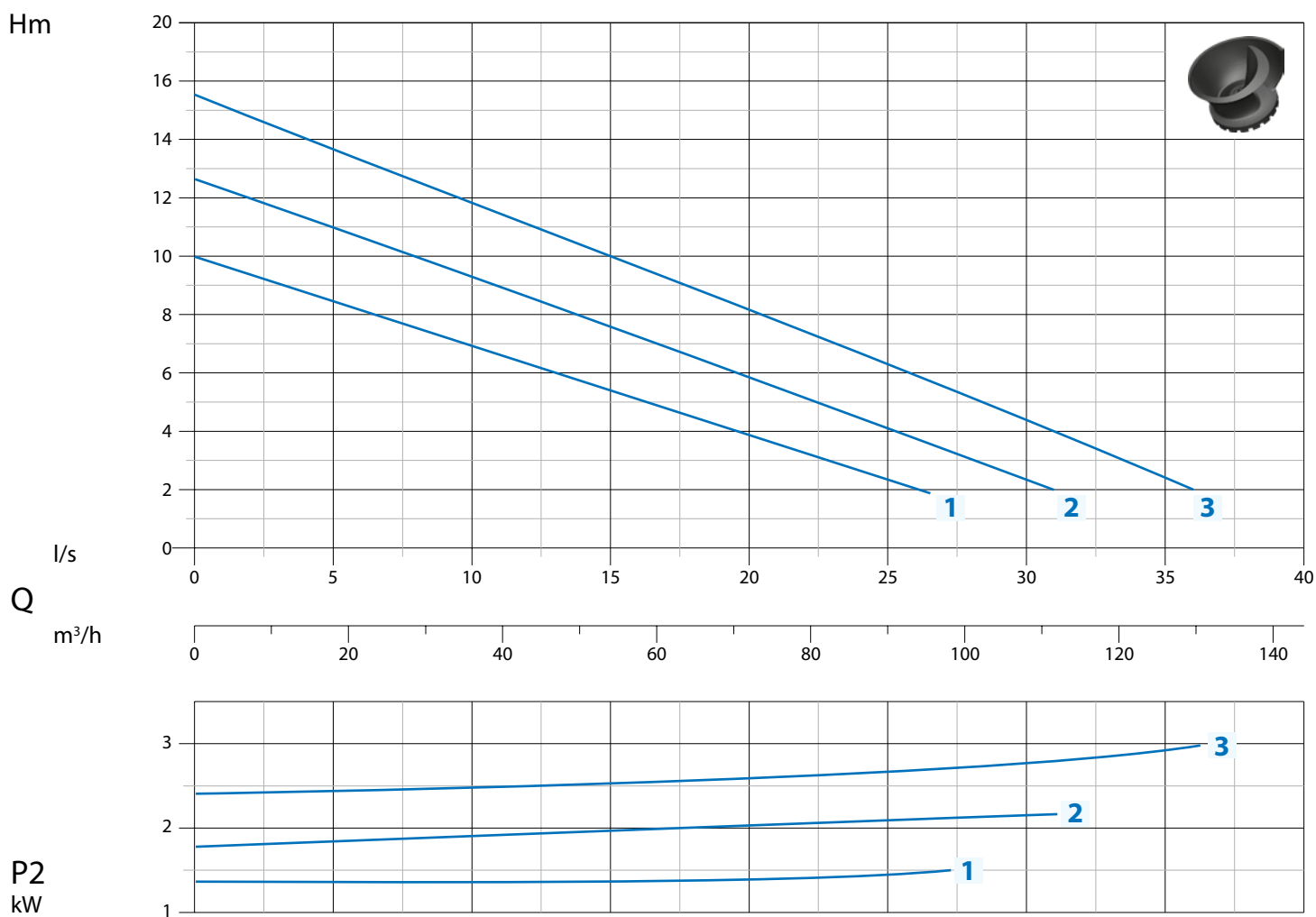
Horizontal Outlet DN80 PN16 - RPM 1450 1/min 4 poles

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Curva di Prestazione

Performance Curve

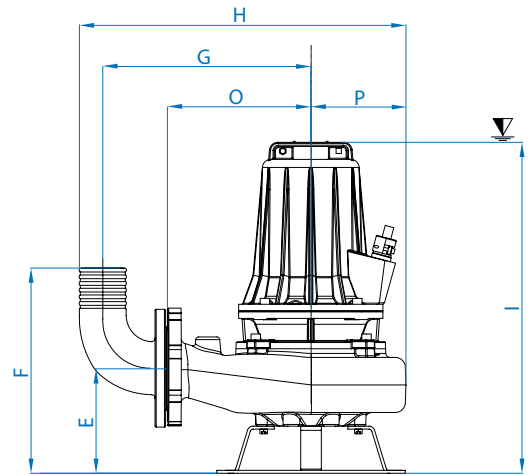
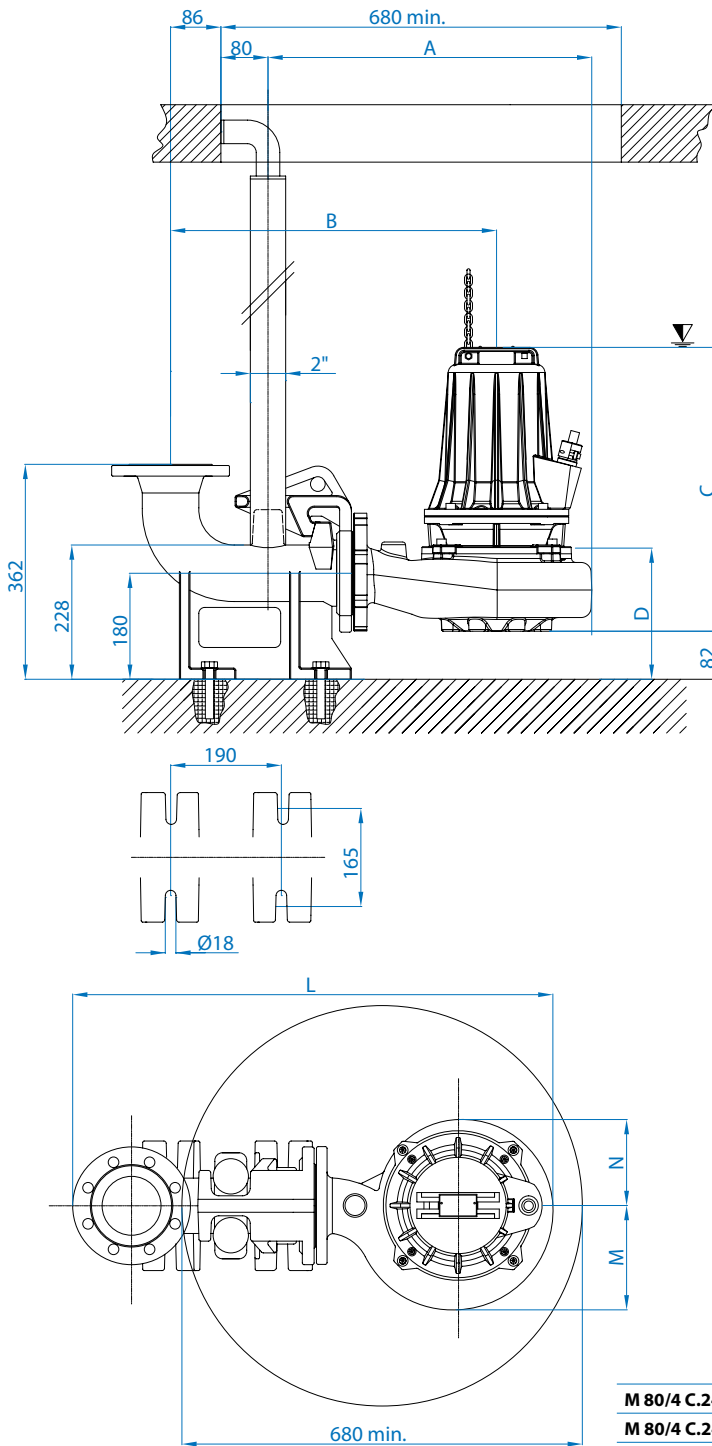


N°	Tipo Type	Flow (Q)										
		l/s	2,5	5	7,5	10	12,5	15	20	25	30	35
		l/m	150	300	450	600	750	900	1200	1500	1800	2100
		m³/h	9	18	27	36	45	54	72	90	108	126
1	M 80/4 C.242	mt	9	8,5	7,5	7	6	5,5	4	2,5		
2	M 80/4 C.244		12	11	10	9,5	8,5	7,5	6	4	2,5	
3	M 80/4 C.245		14,5	13,5	12,5	11,8	11	10	8	6,5	4,5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

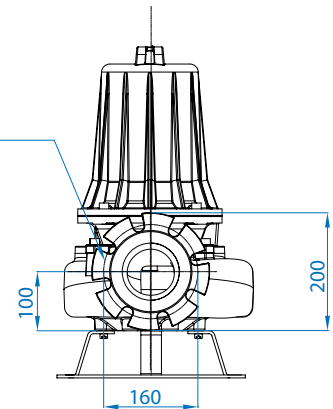
N°	Tipo Type	Mandata Delivery	Passaggio Free Passage	kW		HP	R.P.M. 1/min	A		Hz
				P1	P2			1 Phase - 230V	3 Phase - 400V	
1	M 80/4 C.242			2,2	1,5	2		10	45	3,8
2	M 80/4 C.244	DN80 PN16	75 mm	2,9	2,2	3	1450			5,3
3	M 80/4 C.245			3,9	3	4				7,2

M

∇ Sommergenza minima
Minimum submersion



DN80 PN16
ex UNI 2278



	A	B	C	D	E	F	G	H	I	L	M	N	O	P
M 80/4 C.242	545	555	441	293	178	348	357	555	521	810	166	143	245	153
M 80/4 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 mm ² Cable cross section mm ²	mt
C.242	Standard	3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15**	10
C.244-245	Standard	3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15**	10

** Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 80/4 C.242				56
M 80/4 C.244	355	580	420	69
M 80/4 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

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

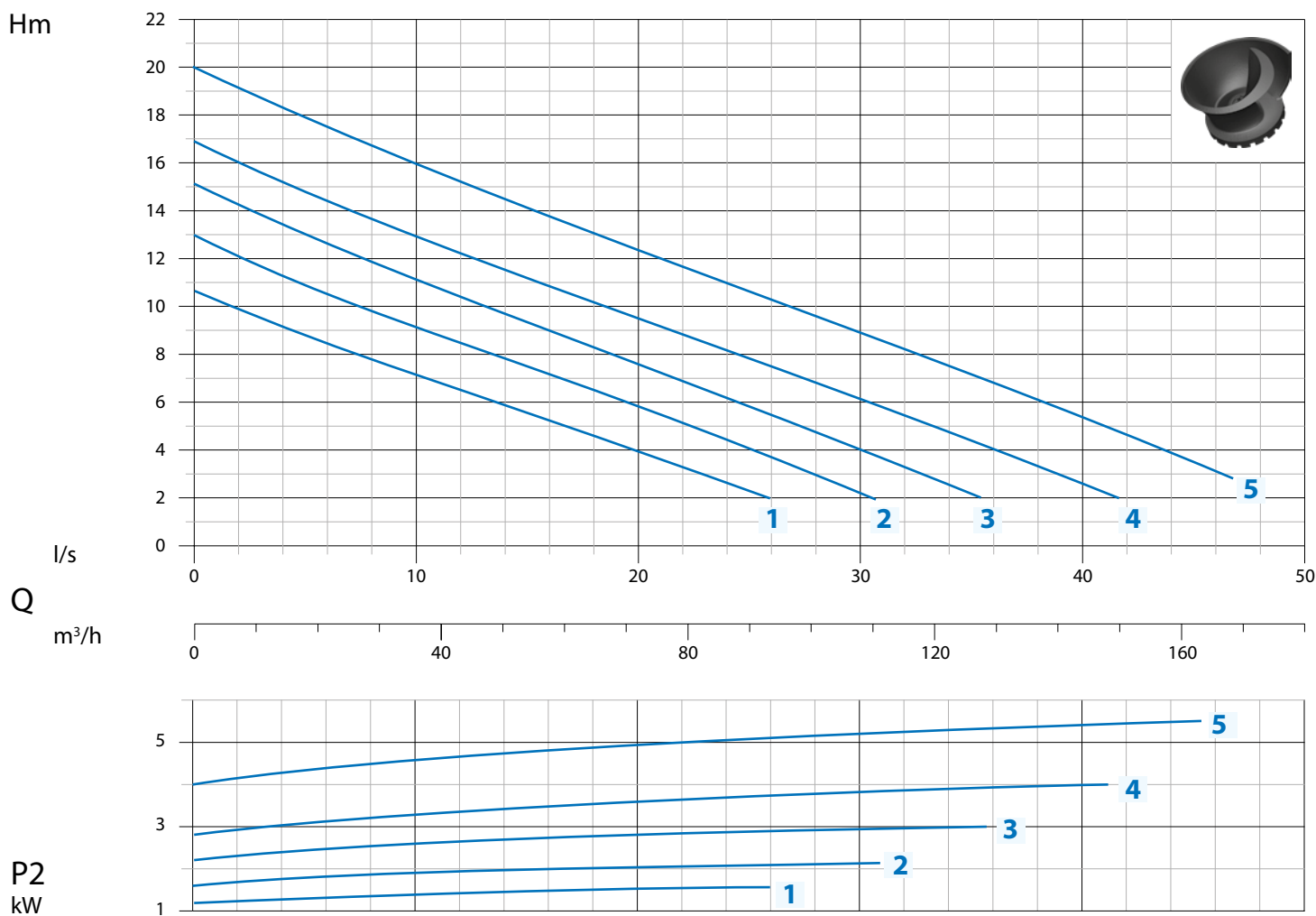
Horizontal Outlet DN100 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only



Curva di Prestazione

Performance Curve

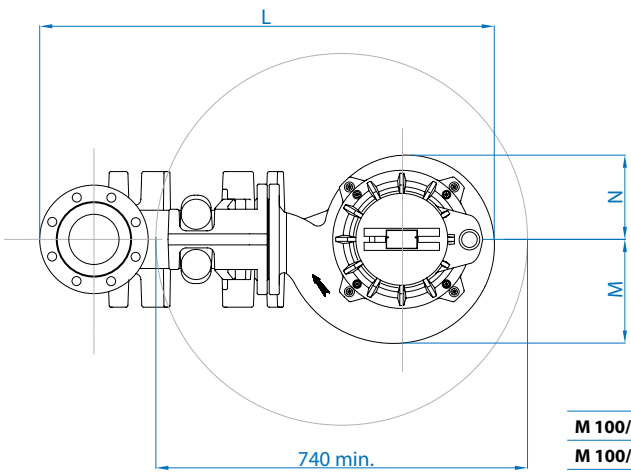
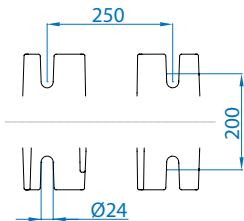
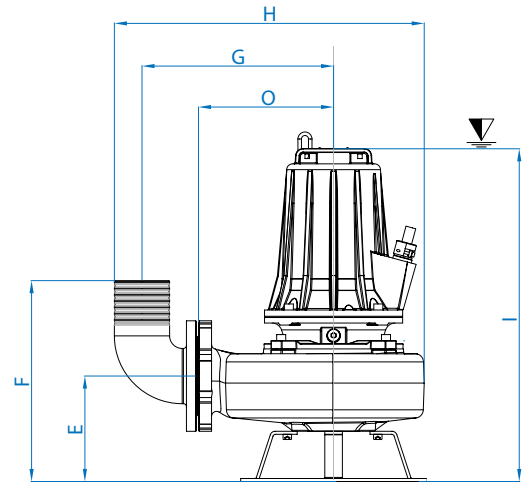
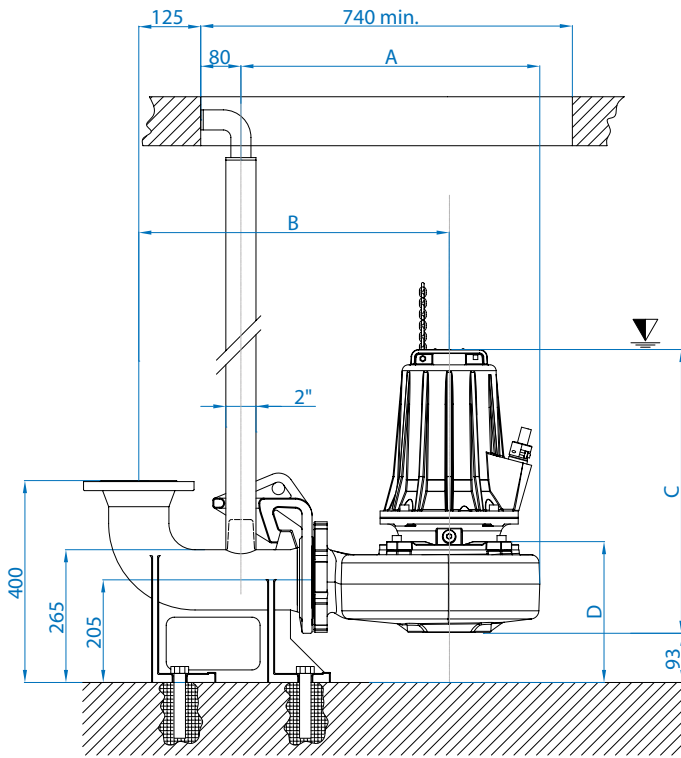


N°	Tipo Type	Flow Rate (Q)										
		2	6	10	16	20	26	30	36	40	46	
		l/s	360	600	960	1200	1560	1800	2160	2400	2760	
		l/m	120	360	600	960	1200	1560	1800	2160	2760	
		m³/h	7,2	21,6	36	57,6	72	93,6	108	129,6	144	165,6
1	M 100/4 C.243	mt	10	8,5	7	5	4	2				
2	M 100/4 C.244		12	10,5	9	7	6	3,5	2			
3	M 100/4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

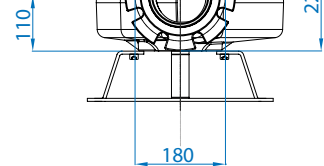
N°	Tipo Type	Mandata Delivery	Passaggio Free Passage	kW			R.P.M. 1/min	A 3 Phase - 400V	Hz
				P1	P2	HP			
1	M 100/4 C.243	DN100 PN16	75 mm	2,1	1,7	2,2	1450	3,9	50
2	M 100/4 C.244			2,9	2,2	3		5,1	
3	M 100/4 C.245			3,8	3	4		7	
4	M 100/4 C.255			5,1	4	5,5		9,2	
5	M 100/4 C.256			6,4	5,5	7,5		11,5	

M

∇ Sommergenza minima
Minimum submersion



DN100 PN16
ex UNI 2278



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

Cavi / Cables

Pompe Pumps	Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
243-244-245		3 ~ 400V	H07RN8F	4x1,5+3x0,50 Ø15*	10
255-256		3 ~ 400V	H07RN8F	7x1,5+3x0,50 Ø17*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging Dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 100/4 C.243				73
M 100/4 C.244				73,5
M 100/4 C.245	400	620	470	75,5
M 100/4 C.255				103
M 100/4 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

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

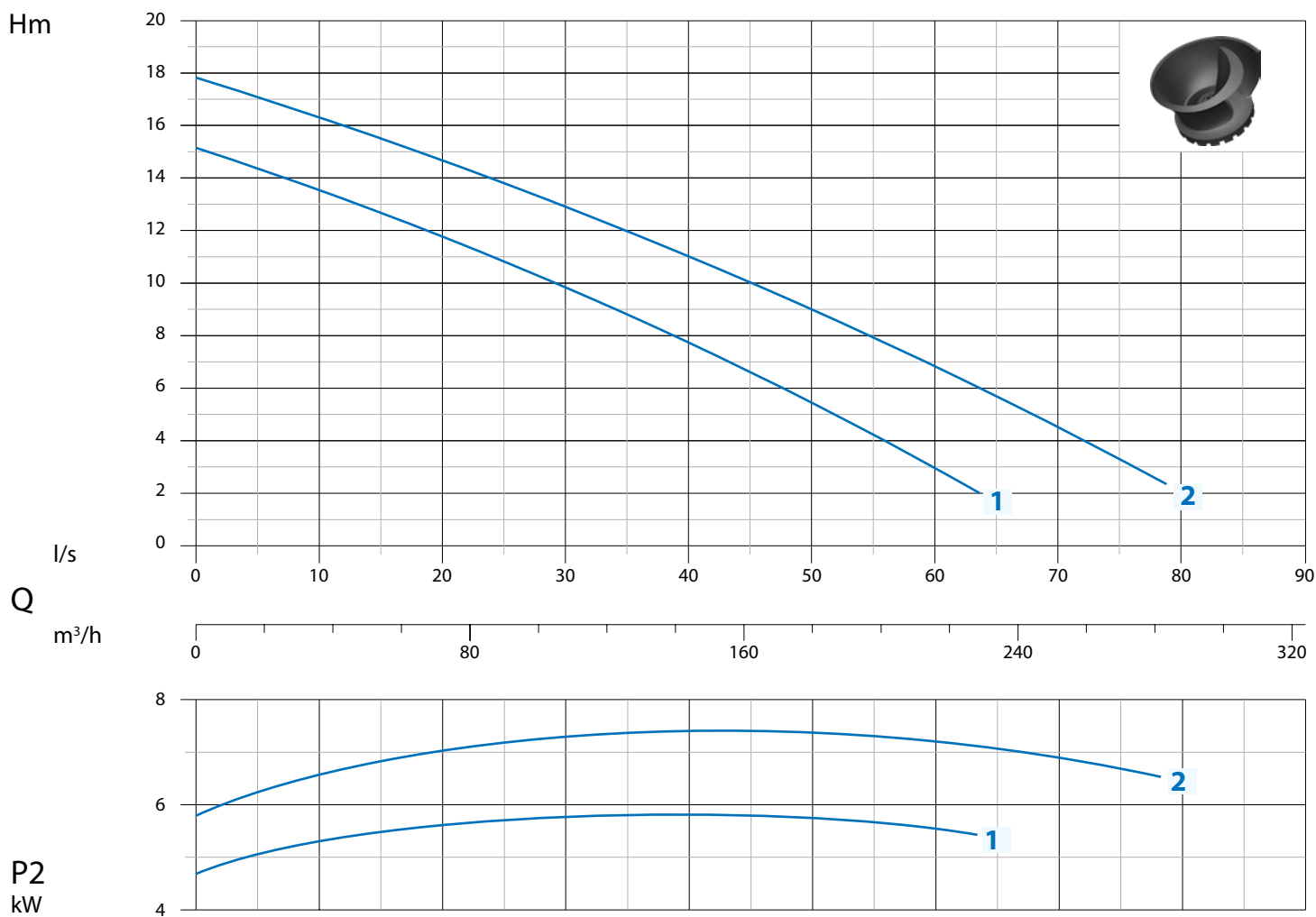
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only



Curva di Prestazione

Performance Curve

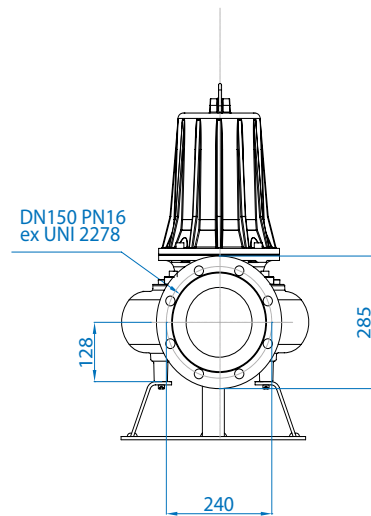
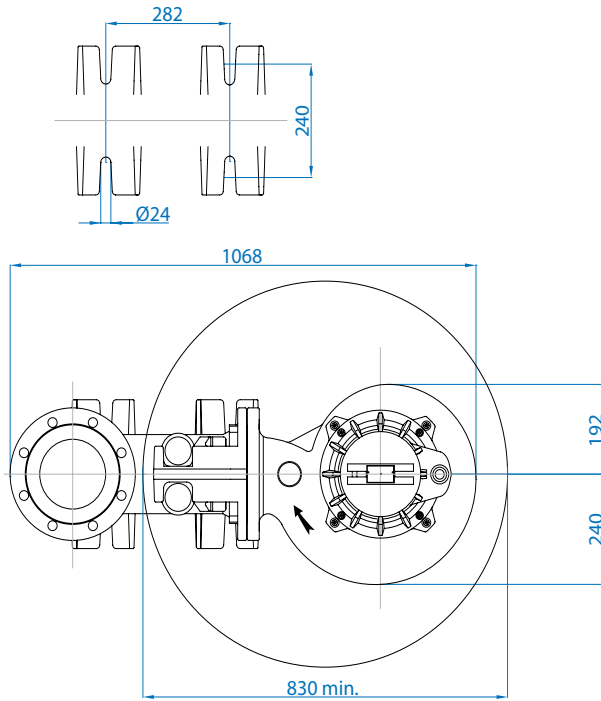
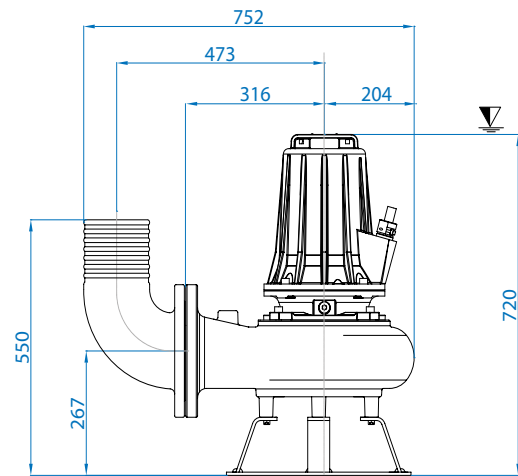
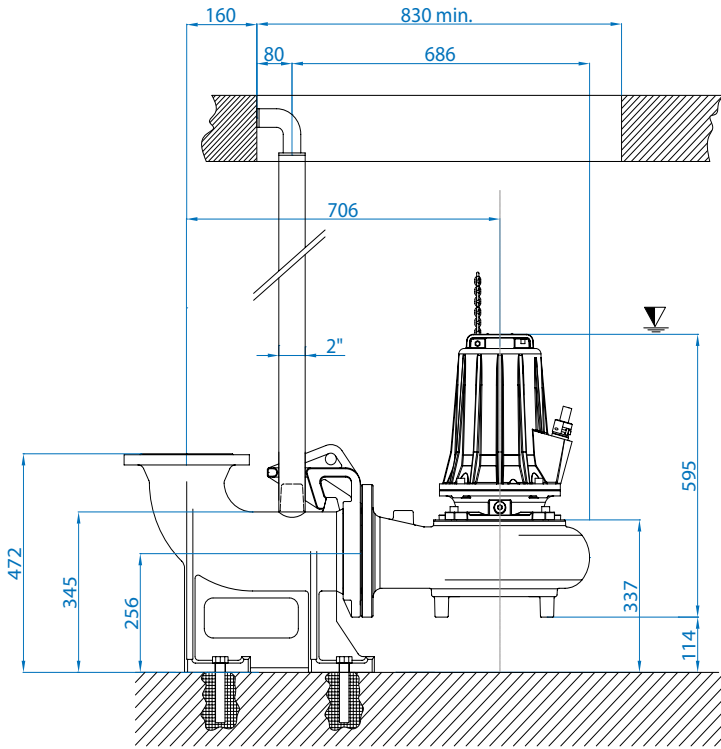


N°	Tipo Type											
		l/s	5	10	15	20	30	40	50	60	70	78
		l/m	300	600	900	1200	1800	2400	3000	3600	4200	4680
		m³/h	18	36	54	72	108	144	180	216	252	280,8
1	M 150/4 C.256	mt	14,5	13,5	12,5	12	10	7,5	5,5	3		
2	M 150/4 C.258		17	16,5	15,5	14,5	13	11	9	7	4,5	2,2

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

M

∇ Sommergenza minima
Minimum submersion



Cavi / Cables

Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
Standard	3 ~ 400V	H07RN8F	7x1,5+3x0,50 Ø17*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 150/4 C.256	430	640	540	131
M 150/4 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

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

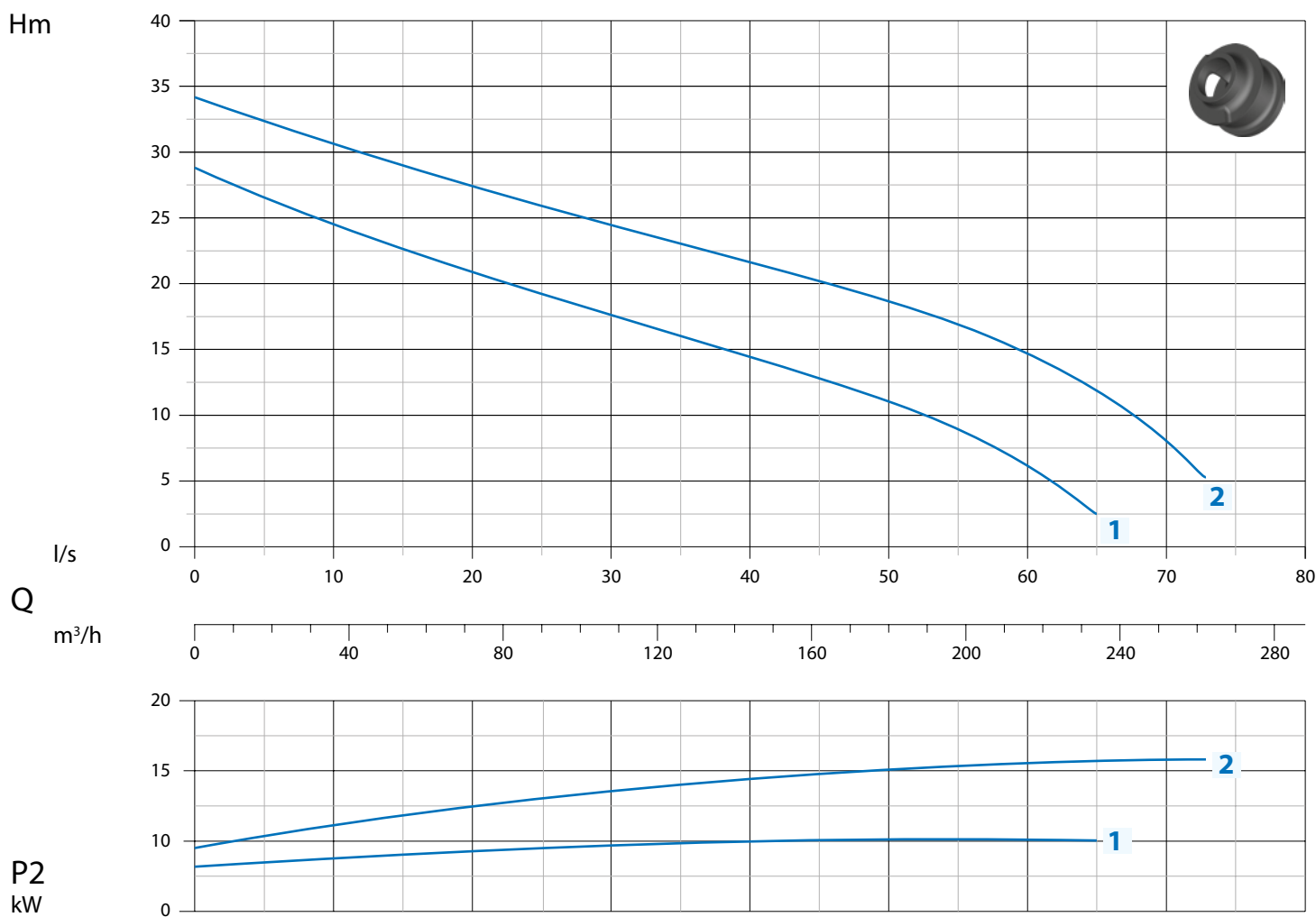
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only



Curva di Prestazione

Performance Curve

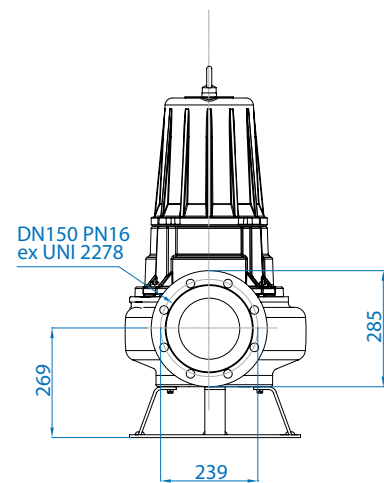
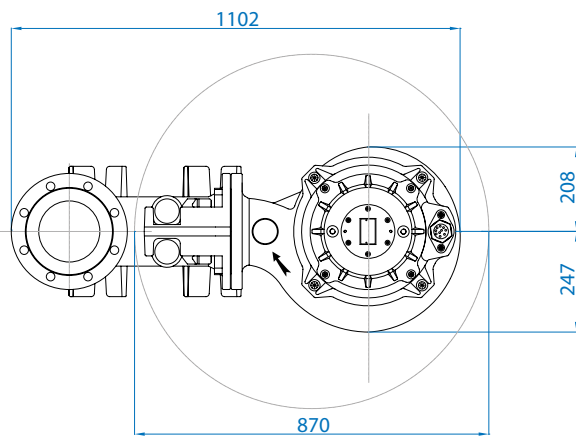
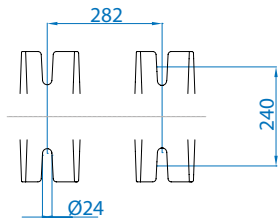
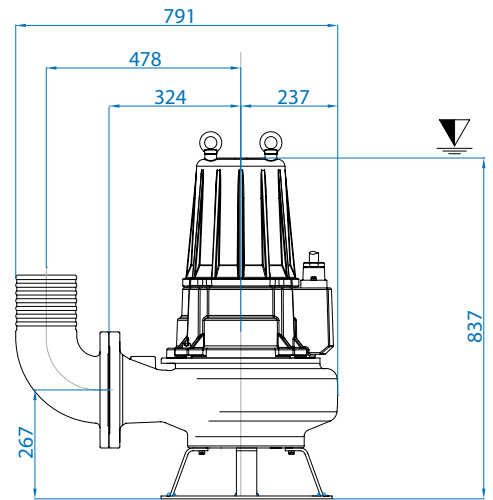
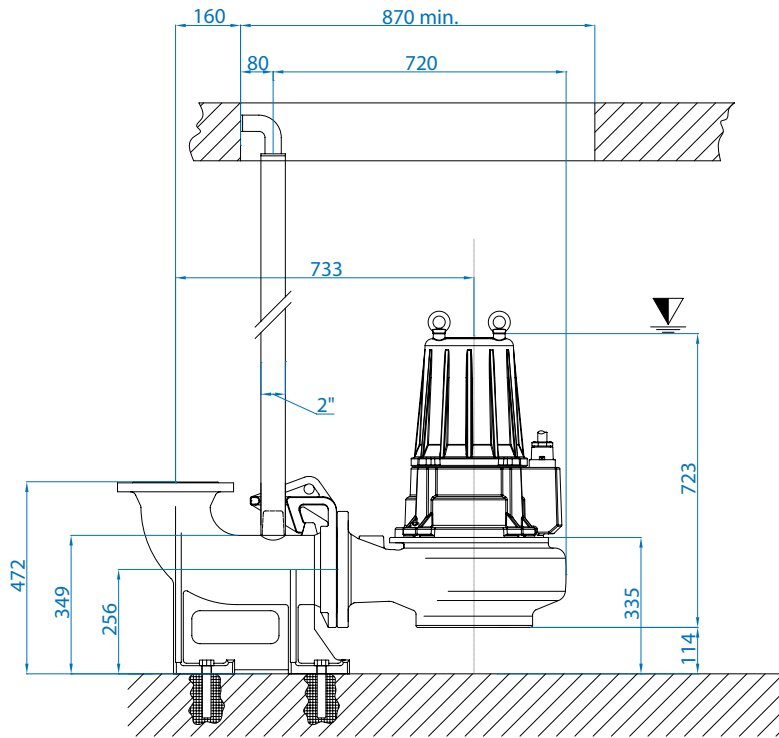


N°	Tipo Type	l/s	5	10	15	20	25	30	40	50	60	70
		l/m	300	600	900	1200	1500	1800	2400	3000	3600	4200
		m³/h	18	36	54	72	90	108	144	180	216	252
1	M 150/4 C.260	mt	26,5	24	22,5	21	19	17,5	14,5	11	6	
2	M 150/4 C.263		32,5	31	28,5	27,5	26,5	24	21,5	18,5	15	7,5

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

M

∇ Sommergenza minima
Minimum submersion



Cavi / Cables

Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
Standard	3 ~ 400V	H07RN8F	10x2,5 Ø 23*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 150/4 C.260	570	950	670	230
M 150/4 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

M

150/4



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

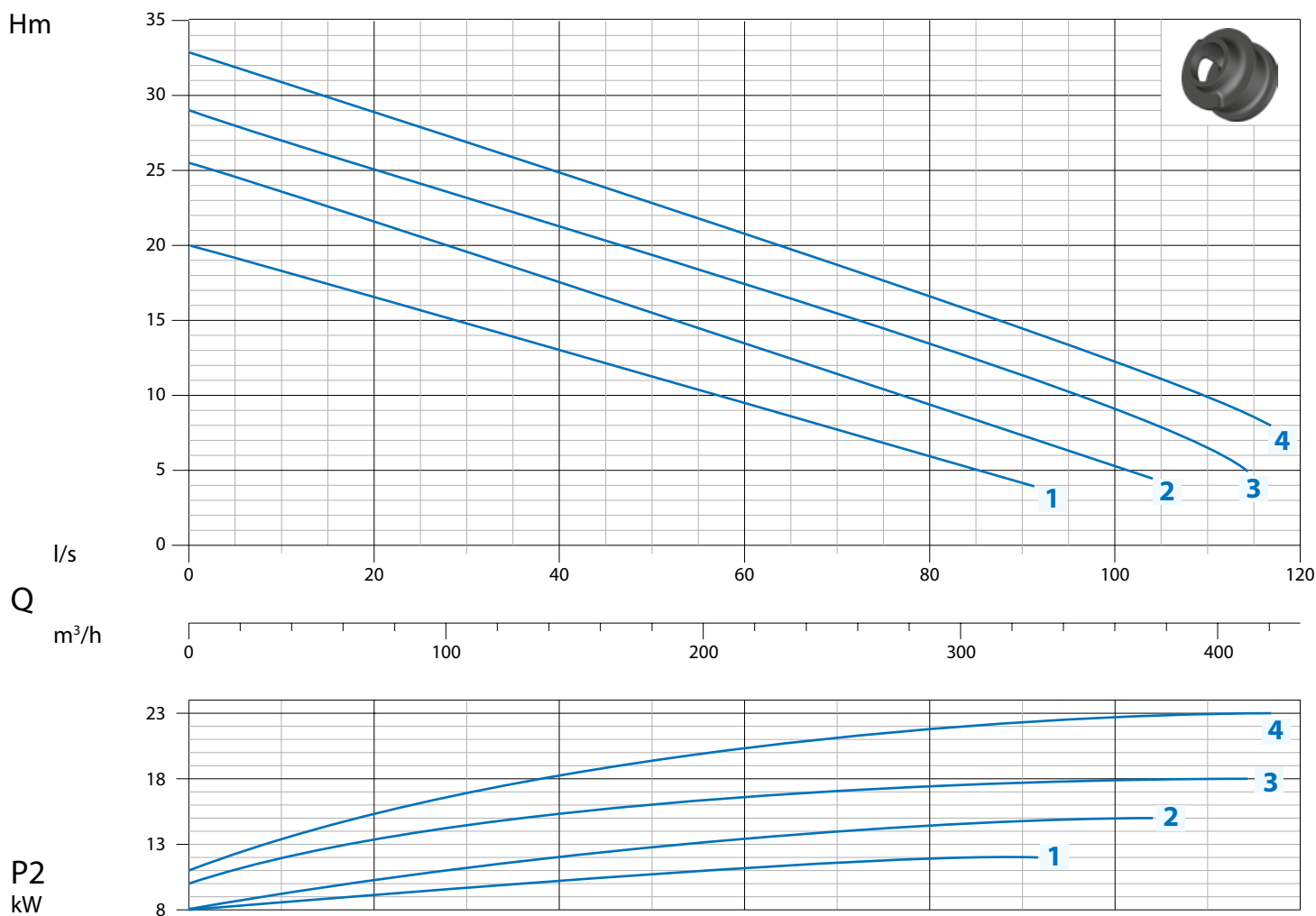
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only



Curva di Prestazione

Performance Curve

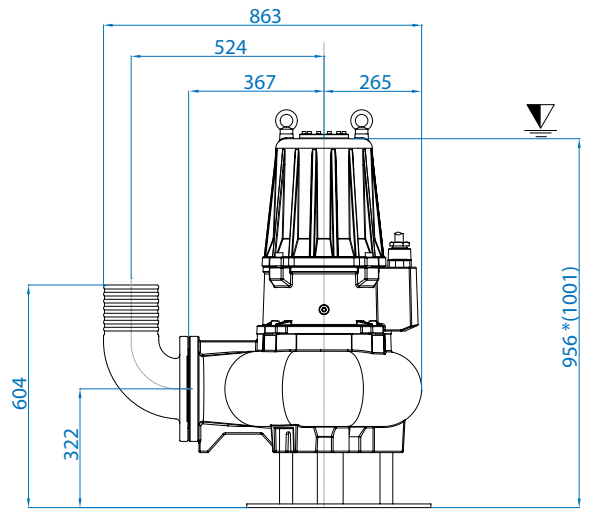
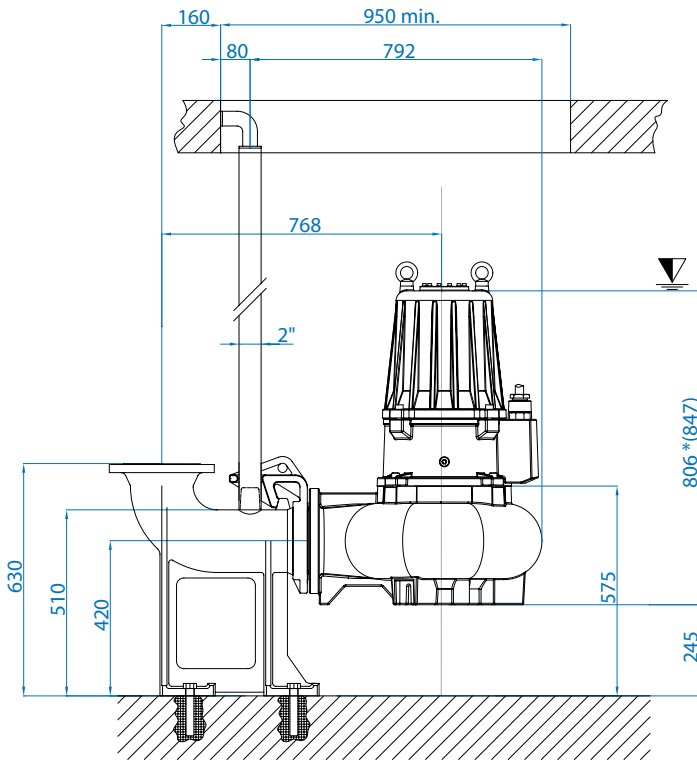


N°	Tipo Type	l/s l/m m³/h	10	20	30	40	50	60	70	80	90	110
			36	72	108	144	180	216	252	288	324	396
1	M 150/4 C.264	mt	18	16,5	15	13	11	9,5	7,5	6	4	
2	M 150/4 C.265		23,5	21,5	19,5	17,5	15,5	13,5	11,5	9,5	7	
3	M 150/4 C.275		27	25	23	21	19,5	17,5	15,5	13,5	11	6,5
4	M 150/4 C.280		31	29	27	25	23	21	18,5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

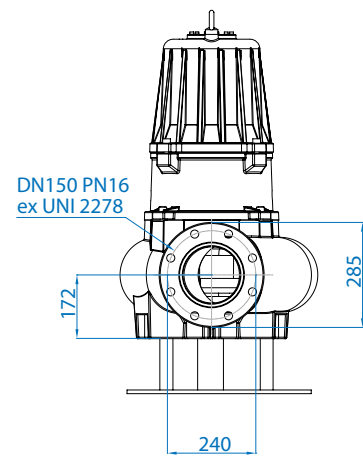
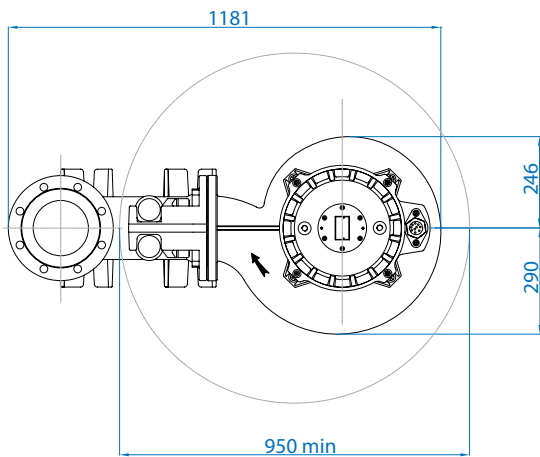
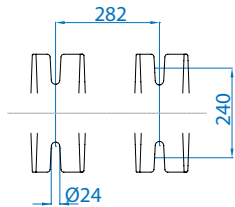
N°	Tipo Type	Mandata Delivery	Passaggio Free Passage	kW			R.P.M. 1/min	A 3 Phase - 400V	Hz
				P1	P2	HP			
1	M 150/4 C.264	DN150 PN16	110 mm	12,8	11	16	1450	23,4	50
2	M 150/4 C.265			17,6	15	22		31,8	
3	M 150/4 C.275		120 mm	20,3	18	24		39,7	
4	M 150/4 C.280			25,9	23	31		47,7	

M

▽ Sommergenza minima
Minimum submersion



*(M 150/4 C.275-280)



Cavi / Cables

Pompe Pumps	Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	mt
264-265	Standard	3 ~ 400V	H07RN8F	10x2,5 Ø23*	10
275-280	Standard	3 ~ 400V	H07RN8F	7x4+3x1 Ø20,5*	10

* Terminali liberi - Free terminals

Dimensioni imballo / Packaging dimension

Tipo - Type	X mm	Y mm	Z mm	Kg
M 150/4 C.264				260
M 150/4 C.265				276
M 150/4 C.275	570	950	670	308
M 150/4 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

M

150/4



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

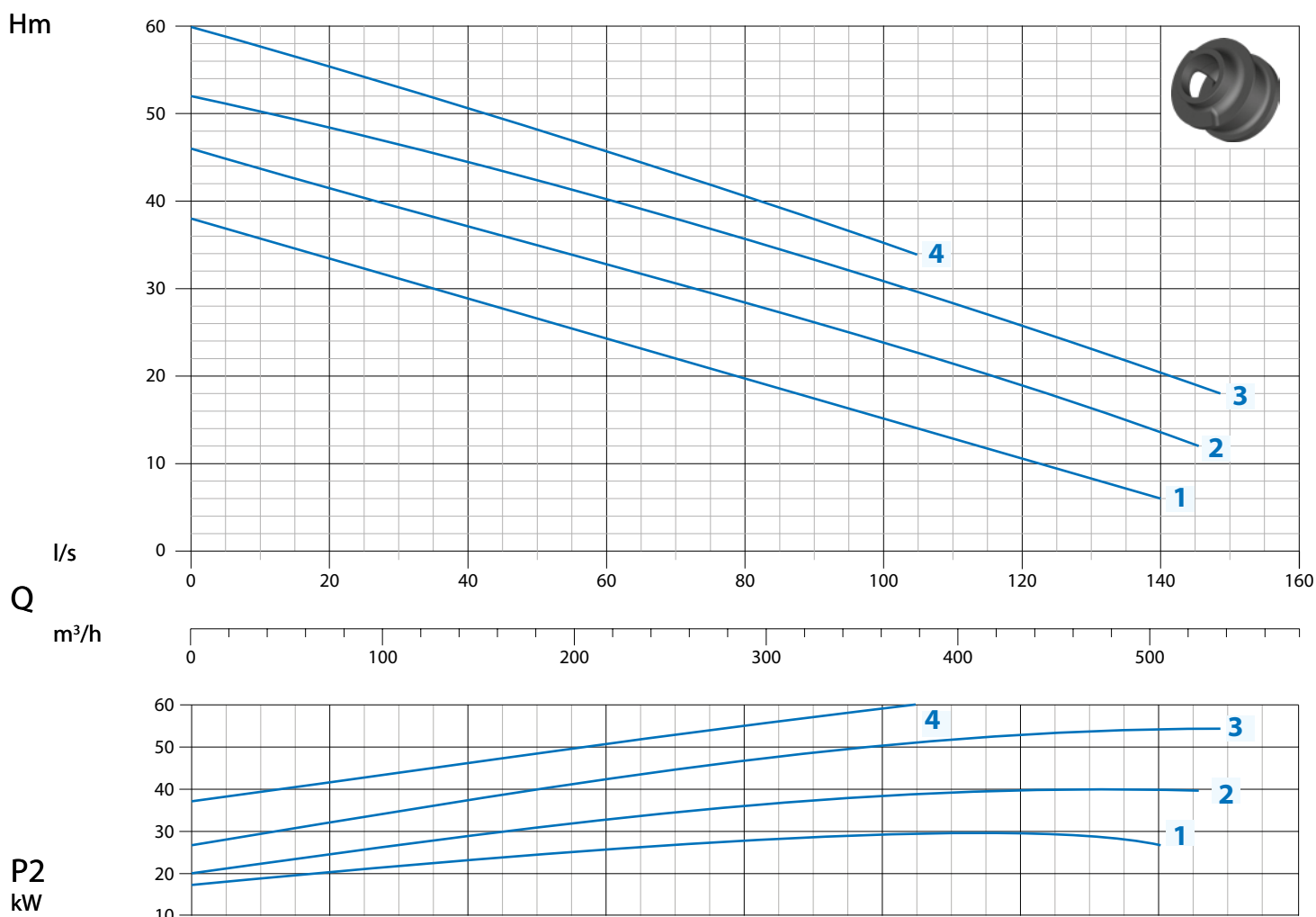
Horizontal Outlet DN150 PN16 - RPM 1450 1/min 4 poles

Immagine a solo scopo illustrativo
Picture for illustration purposes only



Curva di Prestazione

Performance Curve

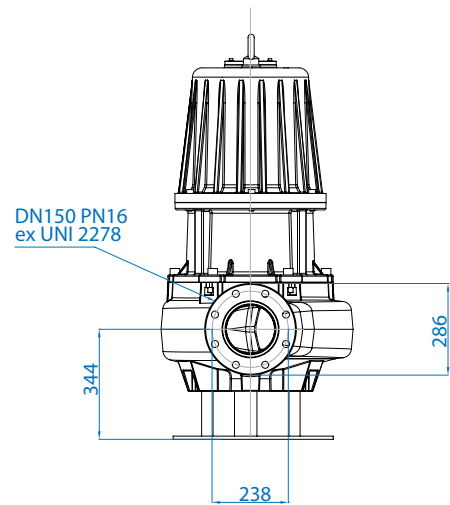
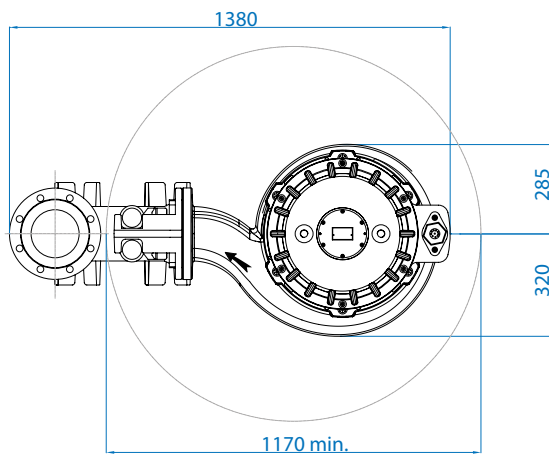
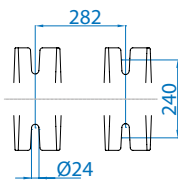
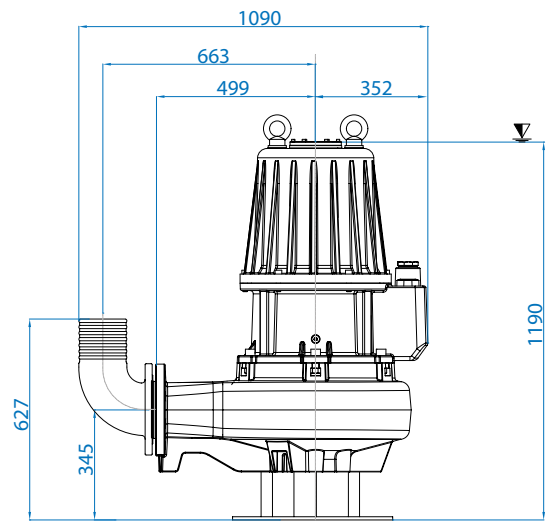
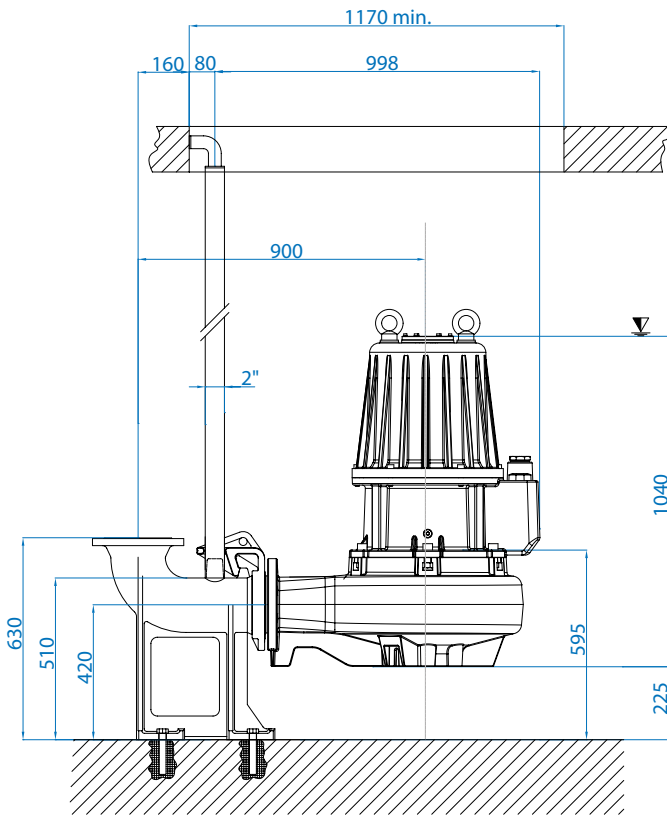


N°	Tipo Type	l/s l/m m³/h	10	20	30	40	50	60	80	100	120	140
			600	1200	1800	2400	3000	3600	4800	6000	7200	8400
1	M 150/4 C.285	mt	36	34	31	29	26	24	20	15	10	6
2	M 150/4 C.290		44	42	39	37	35	33	28	24	19,5	14
3	M 150/4 C.295		50	48	46	44	42	40	36	31	26	20
4	M 150/4 C.300		58	56	53	51	48	46	41			

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

M

∇ Sommergenza minima
Minimum submersion



Cavi / Cables

Versione Version	Fasi Phases	Cavo Cable	Sezione cavo mm ² Cable cross section mm ²	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
M 150/4 C.285				550
M 150/4 C.290				585
M 150/4 C.295	980	1310	730	600
M 150/4 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