



Apa curata



Uz civil



Uz domesc



Uz agricol



※ **Electropompa submersibila din otel inoxidabil gata de instalare completa cu condensator si protectie termica a motorului incorporate in motor.**

※ **Supapa de retinere inclusa**

※ **Hidraulica patentata cu rotoare complet independente si flotante, ceea ce face ca eventuala prezenta a nisipului sa fie irelevanta pentru electropompa.**

※ **Aceste sisteme hidraulice au un indice de eficienta minima (MEI) care depaseste cu mult cerintele ErP.**

※ **Performanta de top pentru acest tip de electropompe**

※ **Cablu alimentare de 20 m.**

### DOMENIU DE UTILIZARE

- Debit pana la **200 l/min** (12 m<sup>3</sup>/h)
- Inaltimea de pompare pana la **140 m**

### INSTALAREA SI UTILIZAREA

Sunt recomandate pentru pomparea apei curate din puturi. Datorita randamentului ridicat si fiabilitatii sunt recomandate pentru a fi utilizate in sectorul casnic, pentru distributia automata a apei, in irigatii etc.

### LIMITE DE UTILIZARE

- Temperatura lichidului pana la **+35 °C**
- Continut de nisip maxim 200 g/m<sup>3</sup>
- Adancimea de imersie pana la **100 m** sub nivelul apei (cablu de alimentare de lungime adecvata)
- Functionare atat pe verticala cat si pe orizontala
- Porniri/ora: 20 la intervale regulate

### EXECUTII LA CERERE

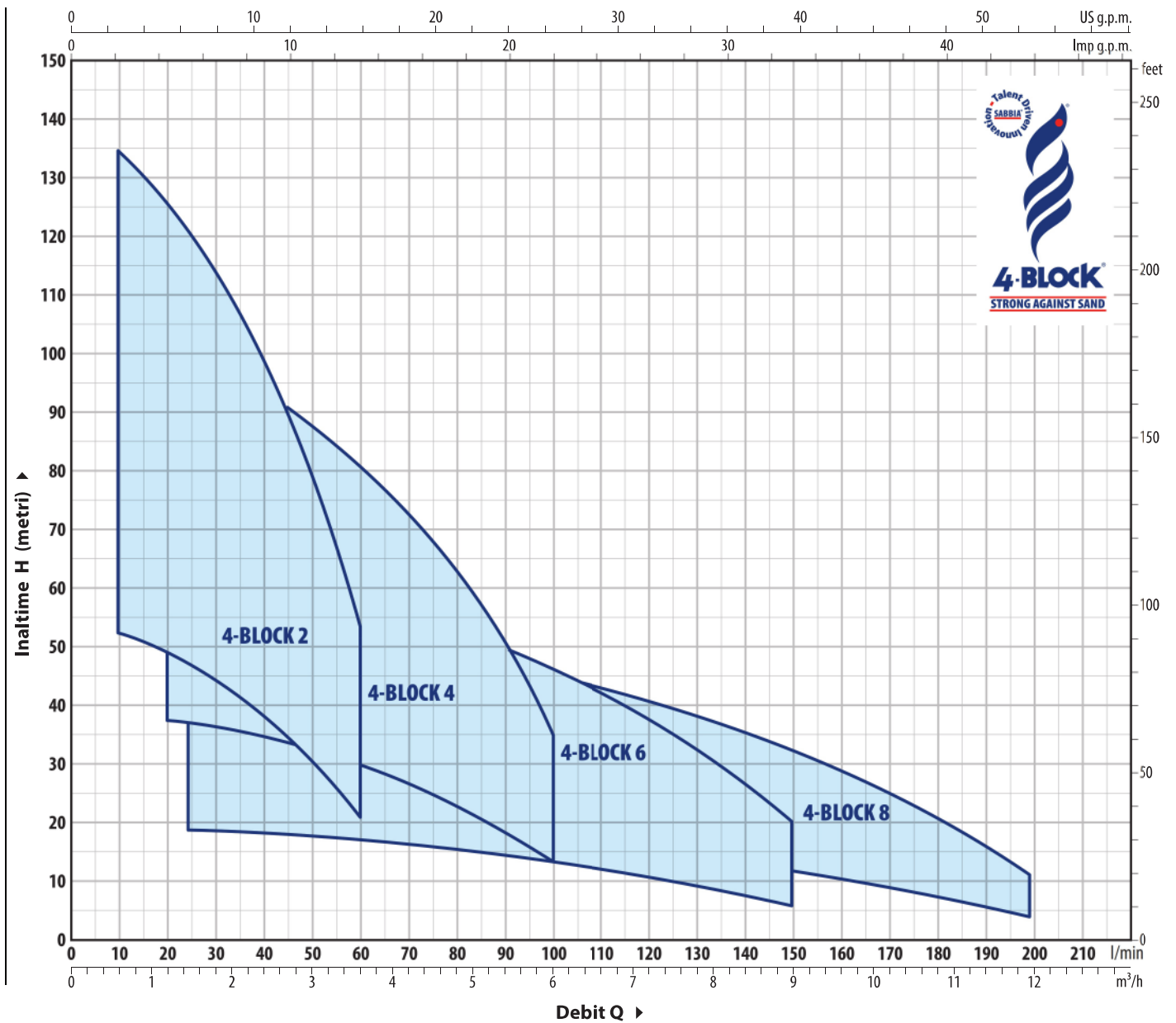
- ※ Cablu de alimentare de **30 metri**
- ※ Alte tensiuni sau frecvente 60 Hz

### BREVET- MARCA - MODEL

- Brevet european n° EP3123031, EP2419642

**CURBE DE FUNCTIONARE**

**50 Hz**



- In curs de brevetare n° 102021000030575
- **4-BLOCK**® este o marca inregistrata n° 018702380



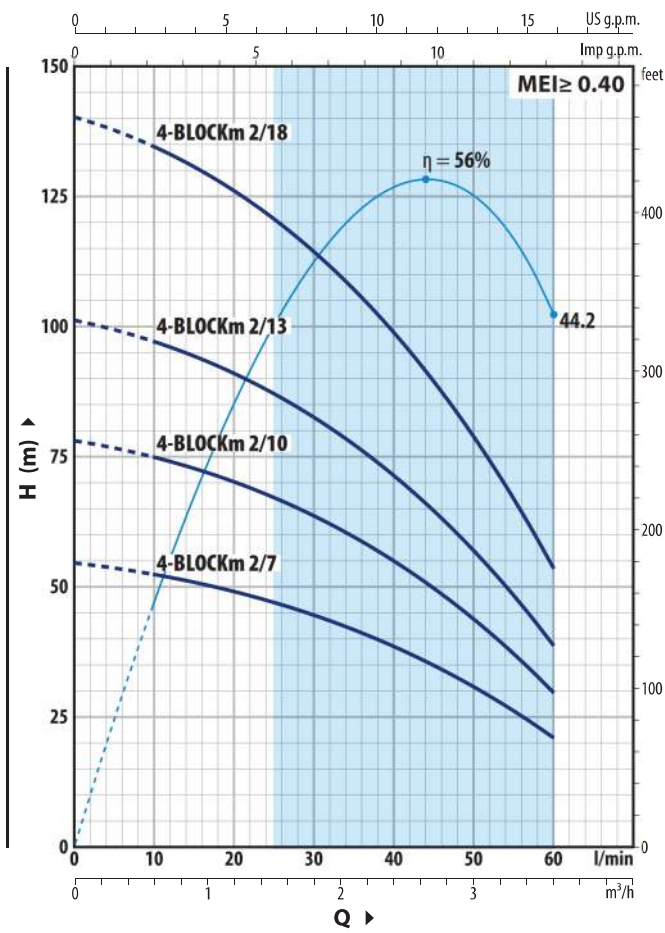
# 4-BLOCK

## Electropompe submersibile monobloc de 4"

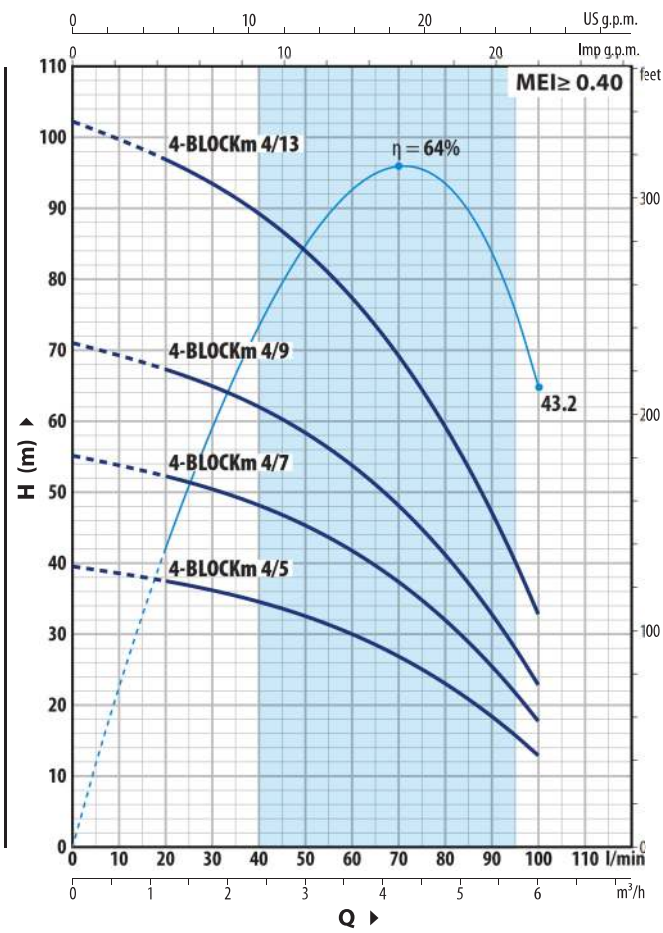
CURBE DE FUNCTIONARE

50 Hz

### 4-BLOCK 2



### 4-BLOCK 4



### 4-BLOCK 2

TIP Monofazic	PUTERE (P <sub>2</sub> )		Q	Flow Rate (Q)							
	kW	HP		m <sup>3</sup> /h	l/min	0	0.6	1.2	1.8	2.4	3
4-BLOCKm 2/7	0.37	0.50	H metri	0	0.6	1.2	1.8	2.4	3	3.6	
4-BLOCKm 2/10	0.55	0.75		54.5	52.5	49	44.5	38.5	30.5	21	
4-BLOCKm 2/13	0.75	1		78	75	70	63.5	55	44	29.5	
4-BLOCKm 2/18	1.1	1.5		101	97	91	83	71	57	38.5	
				140	135	126	114	99	79	53.5	

### 4-BLOCK 4

TIP Monofazic	PUTERE (P <sub>2</sub> )		Q	Flow Rate (Q)							
	kW	HP		m <sup>3</sup> /h	l/min	0	1.2	1.5	2.4	3.6	4.5
4-BLOCKm 4/5	0.37	0.50	H metri	0	1.2	1.5	2.4	3.6	4.5	6	
4-BLOCKm 4/7	0.55	0.75		39.5	37.5	36.5	34.5	30	24.8	12.5	
4-BLOCKm 4/9	0.75	1		55	52	51.5	48	41.5	34.5	17.5	
4-BLOCKm 4/13	1.1	1.5		71	67	66	62	53.5	44.5	22.5	
				102	97	95	89	77	64.5	32.5	

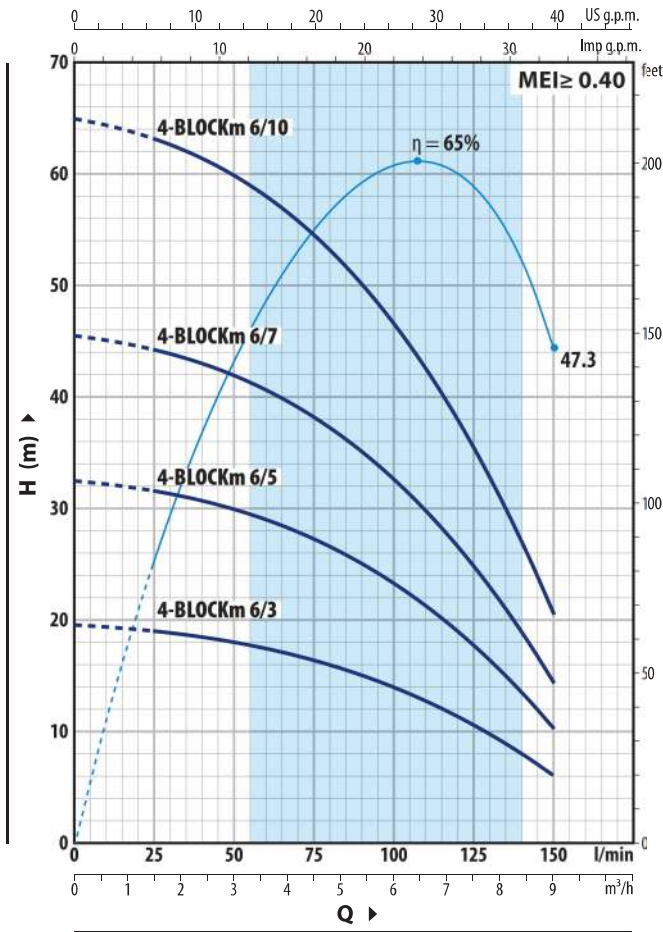
Q = Debit H = Inaltime de pompare manometrica totala

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3 B

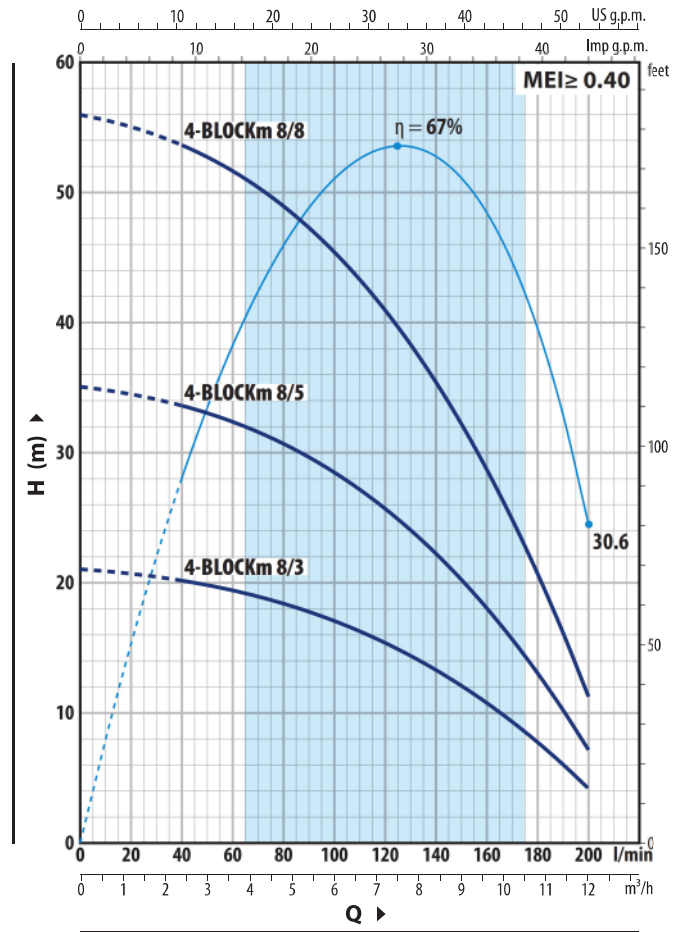
## CURBE DE FUNCTIONARE

50 Hz

### 4-BLOCK 6



### 4-BLOCK 8



### 4-BLOCK 6

TIP Monofazic	PUTERE (P <sub>2</sub> )		Q	Flow Rate							
	kW	HP		m <sup>3</sup> /h	l/min	0	1.5	2.4	3.6	4.5	6.0
4-BLOCKm 6/3	0.37	0.50	H metri	19.5	19	18.4	17.4	16.4	14	10.6	6
4-BLOCKm 6/5	0.55	0.75		32.5	31.5	30.5	29	27.5	23.3	17.7	10
4-BLOCKm 6/7	0.75	1		45.5	44	43	40.5	38	32.5	24.8	14.5
4-BLOCKm 6/10	1.1	1.5		65	63	61.5	58	54.5	46.5	35.5	20.5

### 4-BLOCK 8

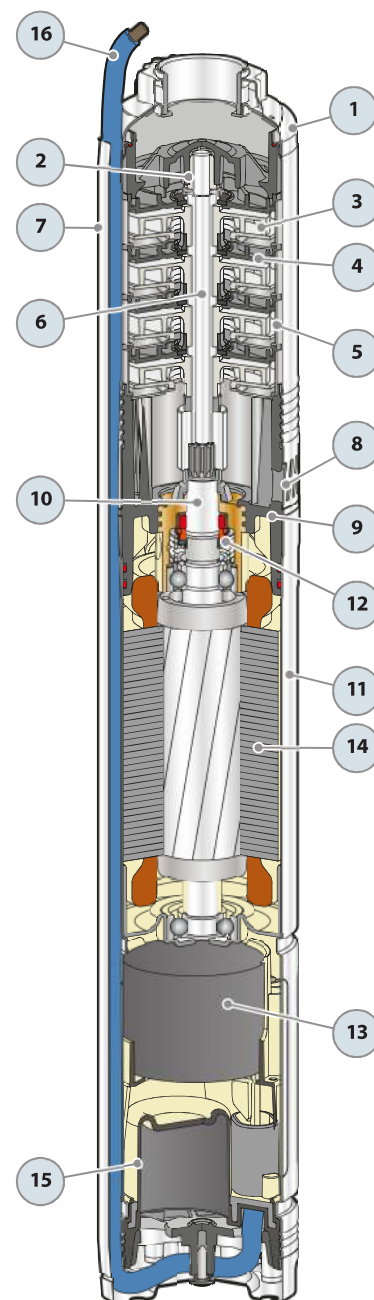
TIP Monofazic	PUTERE (P <sub>2</sub> )		Q	Flow Rate								
	kW	HP		m <sup>3</sup> /h	l/min	0	2.4	3.6	4.5	6.0	7.5	9.0
4-BLOCKm 8/3	0.55	0.75	H metri	21	20	19.4	18.7	17.1	14.9	12.1	8.6	4
4-BLOCKm 8/5	0.75	1		35	33.5	32.5	31	28.5	24.8	20.2	14.3	7
4-BLOCKm 8/8	1.1	1.5		56	53.5	51.5	50	45.5	39.5	32.5	22.9	11.5

Q = Debit H = Inaltime de pompare manometrica totala

Toleranta curbelor de functionare conform EN ISO 9906 Grad 3 B

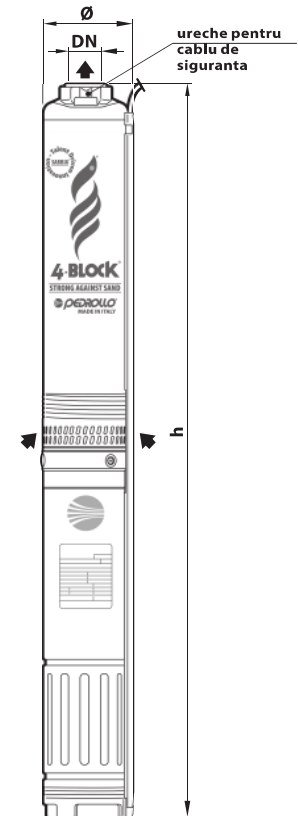
### CARACTERISTICI DE CONSTRUCTIE

<b>1 Corp de refulare si camasa pompei</b>	Otel inoxidabil <b>AISI 304</b> prevazut cu racord de refulare filetat ISO 228/1							
<b>2 Rulment pompa</b>	EPDM							
<b>3 Turbina</b>	Delrin®							
<b>4 Difuzor</b>	Noryl™							
<b>5 Cutie port etaj</b>	Otel inoxidabil <b>AISI 304</b>							
<b>6 Ax pompa</b>	Otel inoxidabil <b>AISI 304</b>							
<b>7 Sistem acoperire cablu</b>	Otel inoxidabil <b>AISI 304</b>							
<b>8 Filtru</b>	Otel inoxidabil <b>AISI 304</b>							
<b>9 Lanterna</b>	Tehnopolimer si alama							
<b>10 Ax motor</b>	Otel inoxidabil <b>AISI 431</b>							
<b>11 Camasa motor</b>	Otel inoxidabil <b>AISI 304</b>							
<b>12 Presetupa mecanica</b>	<table border="1"> <thead> <tr> <th>Presetupa</th> <th>Ax</th> <th>Material</th> </tr> </thead> <tbody> <tr> <td><b>ST4-16</b></td> <td>Ø 16 mm</td> <td>Ceramica / Grafit / NBR</td> </tr> </tbody> </table>	Presetupa	Ax	Material	<b>ST4-16</b>	Ø 16 mm	Ceramica / Grafit / NBR	
Presetupa	Ax	Material						
<b>ST4-16</b>	Ø 16 mm	Ceramica / Grafit / NBR						
<b>13 Condensator</b>								
<b>14 Motor electric</b>	sumersibil PEDROLLO special dimensionat, potrivit pentru serviciu continuu, in baie de ulei, rebobinabil (ulei netoxic / uz alimentar). – Monofazic 220-230 V - 50 Hz – Condensator incorporat in motor – Protectie termica in coporata in bobinaj – Serviciu continuu S1 – Isolatie: clasa F – Protectie: IP X8							
<b>15 Membrana de compensare</b>								
<b>16 Cablu de alimentare</b>	De tipul DRINCABLE® HRC aprobat pentru utilizarea cu apa potabila de catre "ACS" Lungime standard <b>20 metri</b>							



## DIMENSIUNI SI GREUTATI

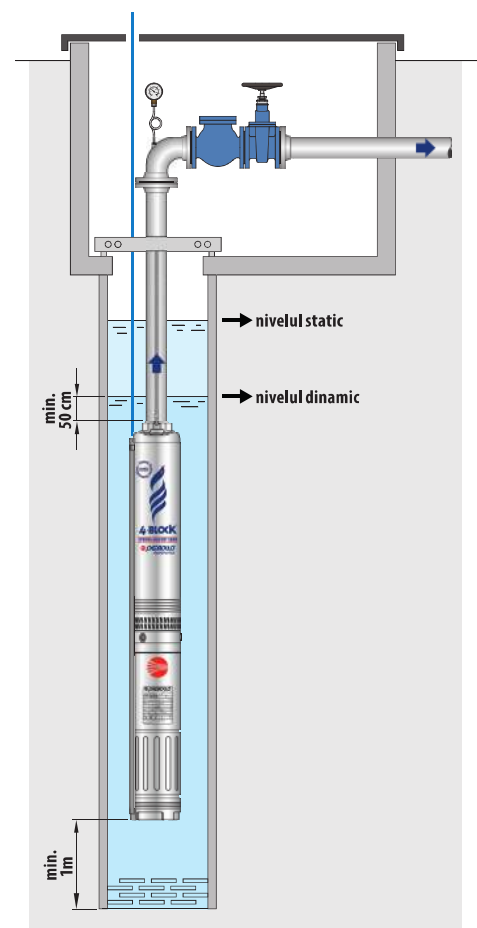
TIP	RACORD DN	DIMENSIUNI mm			kg
		N° ETAJE	Ø	h	
<b>Monofazic</b>					1~
4-BLOCKm 2/7	1¼"	7	100	617	11.4
4-BLOCKm 2/10		10		677	12.3
4-BLOCKm 2/13		13		757	13.9
4-BLOCKm 2/18		18		907	17.0
4-BLOCKm 4/5		5		602	11.5
4-BLOCKm 4/7		7		652	12.1
4-BLOCKm 4/9		9		722	13.3
4-BLOCKm 4/13		13		872	16.4
4-BLOCKm 6/3		3		572	11.4
4-BLOCKm 6/5		5		635	12.0
4-BLOCKm 6/7		7		718	13.2
4-BLOCKm 6/10		10		862	16.4
4-BLOCKm 8/3		3		572	12.0
4-BLOCKm 8/5		5		655	12.6
4-BLOCKm 8/8		8		799	15.8



## ABSORTIA

TIP	TENSIUNE
<b>Monofazic</b>	<b>230 V</b>
4-BLOCKm – 0.37 kW	3.5 A
4-BLOCKm – 0.55 kW	4.4 A
4-BLOCKm – 0.75 kW	6.1 A
4-BLOCKm – 1.1 kW	8.0 A

## Instalatie tipica



## PALETIZARE

TIP	GRUPAJ
<b>Monofazic</b>	n° pompe
4-BLOCKm 2	55
4-BLOCKm 4	55
4-BLOCKm 6	55
4-BLOCKm 8	55