

### APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

### LIMITI D'IMPIEGO

- Temperatura liquido 0÷35°C (secondo EN 60335-2-41) fino a 50°C (per altri impieghi)
- Massima profondità d'immersione 20 mt. (con cavo di adatta lunghezza)
- Passaggio solidi Ø 40 mm
- Livello min. d'aspirazione 125 mm
- Servizio continuo

### MOTORE

- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI

- |  |   |
|--|---|
| - Corpo motore                             | Ghisa                                       |
| - Corpo pompa                              | Ghisa                                       |
| - Girante                                  | Ghisa                                       |
| - Albero motore                            | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica in camera d'olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

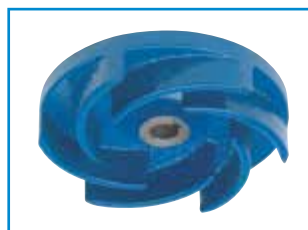
- Liquid temperature 0÷35°C (according to EN 60335-2-41) up to 50°C (for other uses)
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet Ø 40 mm
- Min. suction level 125 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

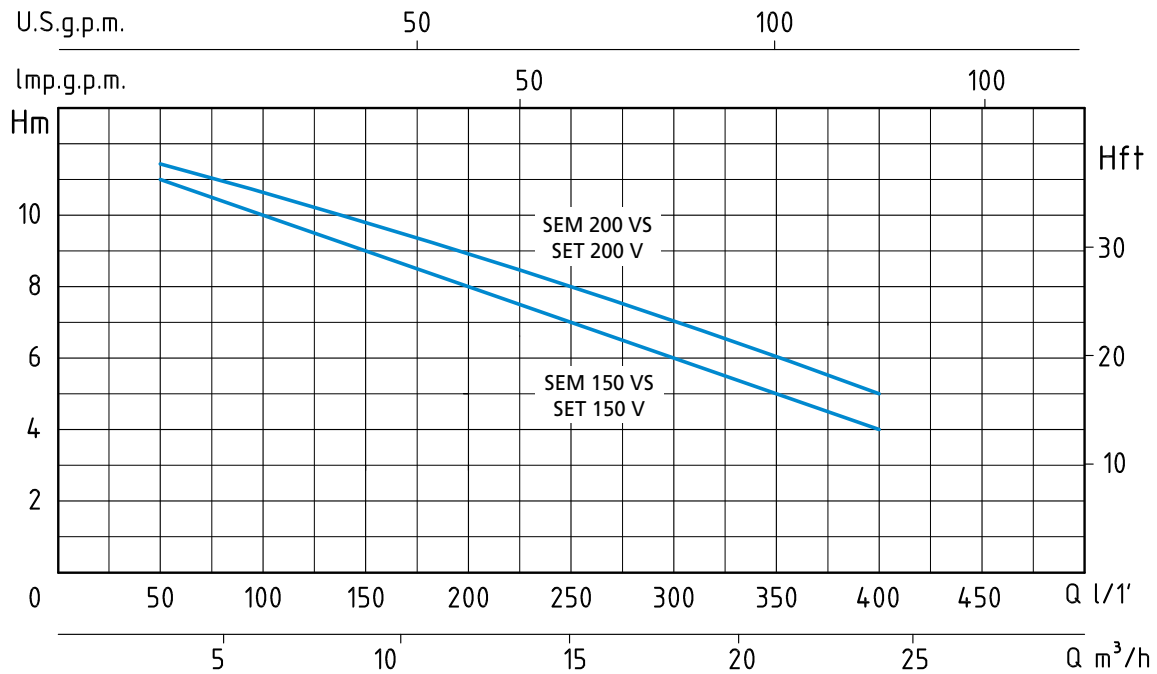
### MATERIALS

- |   |   |
|---|---|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

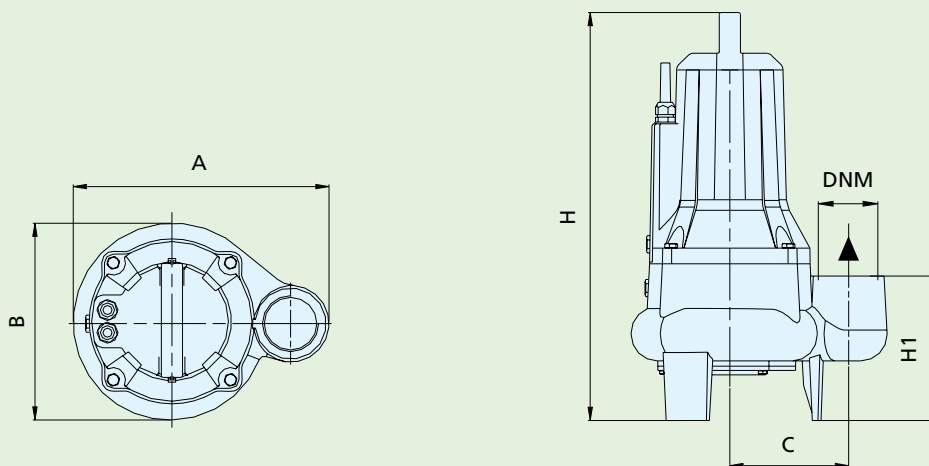


INCLUSO NEI MODELLI  
MONOFASE  
INCLUDED IN THE  
SINGLE-PHASE MODELS





TIPO TYPE		POTENZA NOMINALE NOMINAL POWER		POTENZA ASSORBITA INPUT POWER	AMPERE		Q = PORTATA - CAPACITY								
Monofase Single-phase	Trifase Three-phase	P2		P1	Monofase Single-phase	Trifase Three-phase	m³/h	3	6	9	12	15	18	21	24
230V-50Hz	230/400V-50Hz	HP	KW	KW	1 x 230V	3 x 400V	lt/1'	50	100	150	200	250	300	350	400
SEM 150 VS	SET 150 V	1,5	1,1	1,7	7,5	3,2	Prevalenza manometrica totale in m.C.A. - Total head in meters w.c.								
SEM 200 VS	SET 200 V	2	1,5	1,9	8,5	3,5	H (m)	11	10	9	8	7	6	5	4



TIPO TYPE		DIMENSIONI mm - DIMENSIONS mm								DIMENSIONI DIMENSIONS mm			PESO WEIGHT
Monofase Single-phase	Trifase Three-phase	A	B	C	H	H1	DNM	CAVO CABLE	Passaggio solidi (mm) Grain size inlet (mm)	P	L	H	Kg
SEM 150 VS	SET 150 V	292	225	135	495	165	2"	10 mt H07RN8-F	Ø 40	240	310	510	33
SEM 200 VS	SET 200 V	292	225	135	495	165	2"	10 mt H07RN8-F	Ø 40	240	310	510	34

### APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

### LIMITI D'IMPIEGO

- Temperatura liquido  $0 \div 35^{\circ}\text{C}$  (secondo EN 60335-2-41) fino a  $50^{\circ}\text{C}$  (per altri impieghi)
- Massima profondità d'immersione 20 mt. (con cavo di adatta lunghezza)
- Passaggio solidi  $\varnothing$  50 mm
- Livello min. d'aspirazione 140 mm
- Servizio continuo

### MOTORE

- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI

- |  |   |
|--|---|
| - Corpo motore                             | Ghisa                                       |
| - Corpo pompa                              | Ghisa                                       |
| - Girante                                  | Ghisa                                       |
| - Albero motore                            | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica in camera d'olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

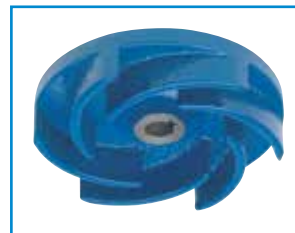
- Liquid temperature  $0 \div 35^{\circ}\text{C}$  (according to EN 60335-2-41) up to  $50^{\circ}\text{C}$  (for other uses)
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet  $\varnothing$  50 mm
- Min. suction level 140 mm
- Continuous duty

### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

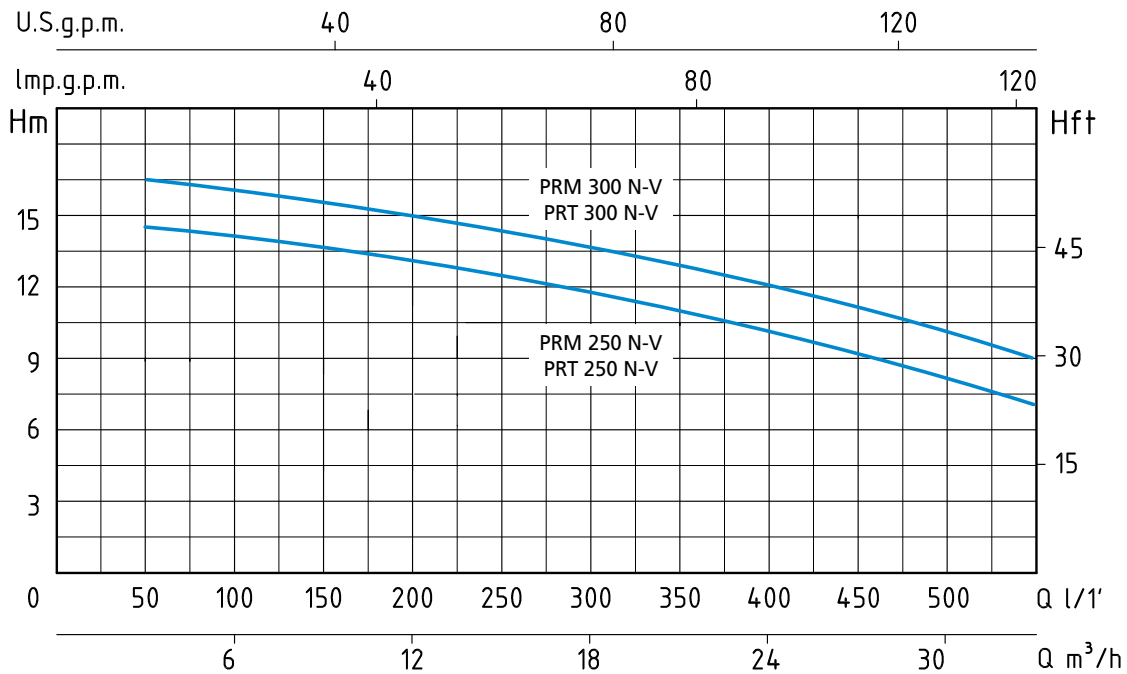
### MATERIALS

- |   |   |
|---|---|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

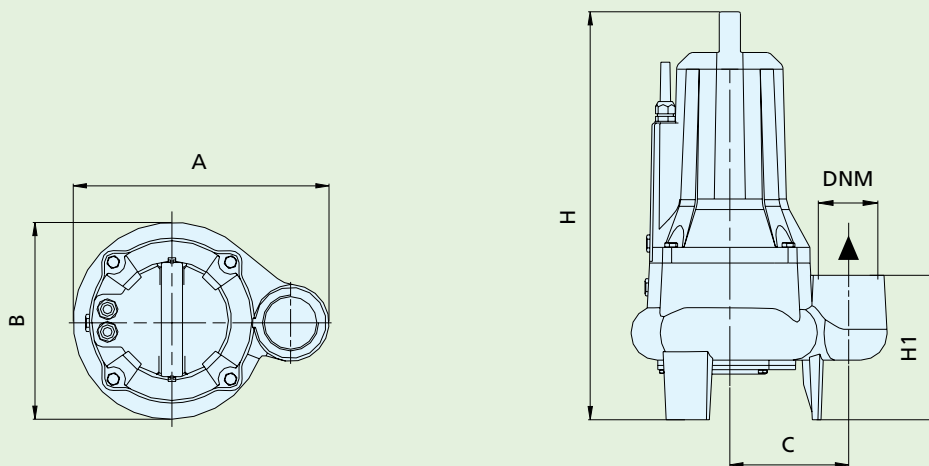


INCLUSO NEI MODELLI  
MONOFASE  
INCLUDED IN THE  
SINGLE-PHASE MODELS





TIPO TYPE		POTENZA NOMINALE NOMINAL POWER		POTENZA ASSORBITA INPUT POWER	AMPERE		Q = PORTATA - CAPACITY										
Monofase Single-phase	Trifase Three-phase	P2		P1	Monofase Single-phase	Trifase Three-phase	Prevalenza manometrica totale in m.C.A. - Total head in meters w.c.										
		HP	KW	KW			m³/h	3	6	9	12	15	18	21	24	27	30
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V	lt/1'	50	100	150	200	250	300	350	400	450	600
PRM 250 N-V	PRT 250 N-V	2,5	1,85	2,6	11	4,6	H (m)	14,5	14	13,5	13	12,5	12	11,5	11	9	7
PRM 300 N-V	PRT 300 N-V	3	2,2	3	14	5,5		16,5	16	15,5	15	14,5	14	13,5	13	11,5	9



TIPO TYPE		DIMENSIONI mm - DIMENSIONS mm								DIMENSIONI DIMENSIONS mm			PESO WEIGHT
Monofase Single-phase	Trifase Three-phase	A	B	C	H	H1	DNM	CAVO CABLE	Passaggio solidi (mm) Grain size inlet (mm)	P	L	H	Kg
PRM 250 N-V	PRT 250 N-V	339	250	160	548	203	2"½	10 mt H07RN8-F	Ø 50	270	350	560	43
PRM 300 N-V	PRT 300 N-V	339	250	160	548	203	2"½	10 mt H07RN8-F	Ø 50	270	350	560	44

### APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.

### LIMITI D'IMPIEGO

- Temperatura liquido 0÷35°C (secondo EN 60335-2-41) fino a 50°C (per altri impieghi)
- Massima profondità d'immersione 20 mt. (con cavo di adatta lunghezza)
- Passaggio solidi Ø 70 mm
- Livello min. d'aspirazione 190 mm
- Servizio continuo

### MOTORE

- Isolamento Classe F
- Protezione IP 68

### MATERIALI

- |  |   |
|--|---|
| - Corpo motore                             | Ghisa                                       |
| - Corpo pompa                              | Ghisa                                       |
| - Girante                                  | Ghisa                                       |
| - Albero motore                            | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica in camera d'olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

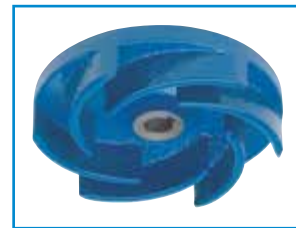
- Liquid temperature 0÷35°C (according to EN 60335-2-41) up to 50°C (for other uses)
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet Ø 70 mm
- Min. suction level 190 mm
- Continuous duty

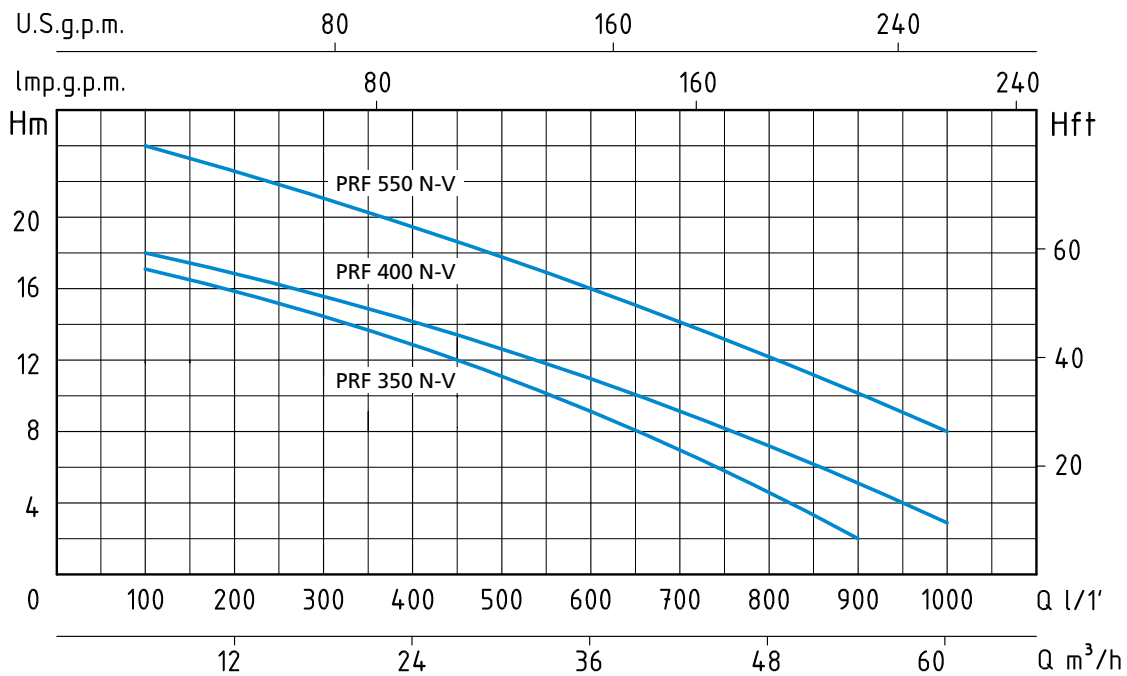
### MOTOR

- Insulation Class F
- Protection IP 68

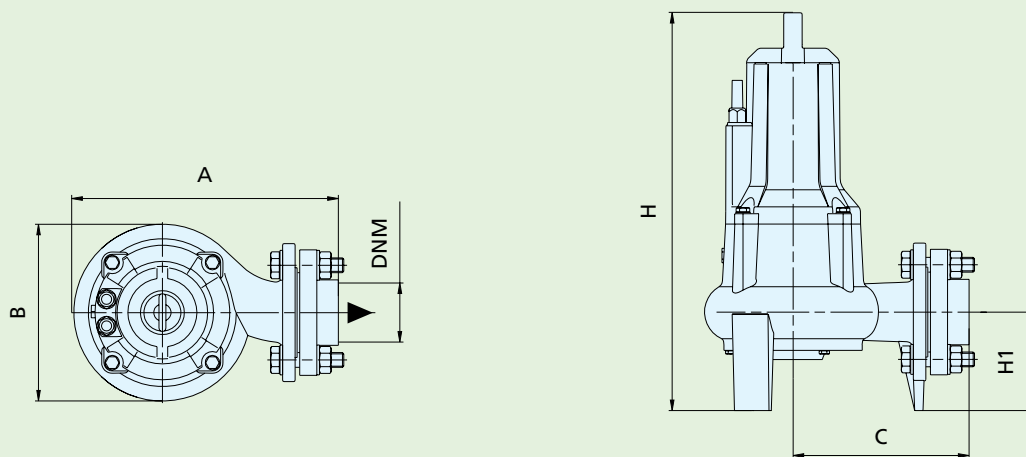
### MATERIALS

- |   |   |
|---|---|
| - Motor body                            | Cast Iron                                   |
| - Pump body                             | Cast Iron                                   |
| - Impeller                              | Cast Iron                                   |
| - Shaft with rotor                      | Stainless Steel AISI 304                    |
| - Double mechanical seal in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |





TIPO TYPE	POTENZA NOMINALE NOMINAL POWER		POTENZA ASSORBITA INPUT POWER	AMPERE	Q = PORTATA - CAPACITY									
	HP	kW	kW		Trifase Three-phase	m³/h	6	12	18	24	36	42	48	54
Trifase Three-phase	P2		P1	Trifase Three-phase	6	12	18	24	36	42	48	54	60	
230/400V-50Hz	HP	kW	kW	3 x 400V	Prevalenza manometrica totale in m.C.A. - Total head in meters w.c.									
PRF 350 N-V	3,5	2,5	3,5	6	H (m)	17	16	15	13	9	7	5	2	
PRF 400 N-V	4	3	4,6	8,3		18	17	16	14	11	9	7	5	3
PRF 550 N-V	5,5	4	7	12		24	23	21	19	16	14	12	10	8



TIPO TYPE	DIMENSIONI mm - DIMENSIONS mm								DIMENSIONI DIMENSIONS mm			PESO WEIGHT Kg
	A	B	C	H	H1	DNM	CAVO CABLE	Passaggio solidi (mm) Grain size inlet (mm)	P	L	H	
Trifase Three-phase	A	B	C	H	H1	DNM	CAVO CABLE	Passaggio solidi (mm) Grain size inlet (mm)	P	L	H	Kg
PRF 350 N-V	358	256	229	593	143	3"	10 mt H07RN8-F	Ø 70	275	380	610	45
PRF 400 N-V	358	256	229	607	143	3"	10 mt H07RN8-F	Ø 70	275	380	610	48
PRF 550 N-V	358	256	229	628	143	3"	10 mt H07RN8-F	Ø 70	275	380	650	51