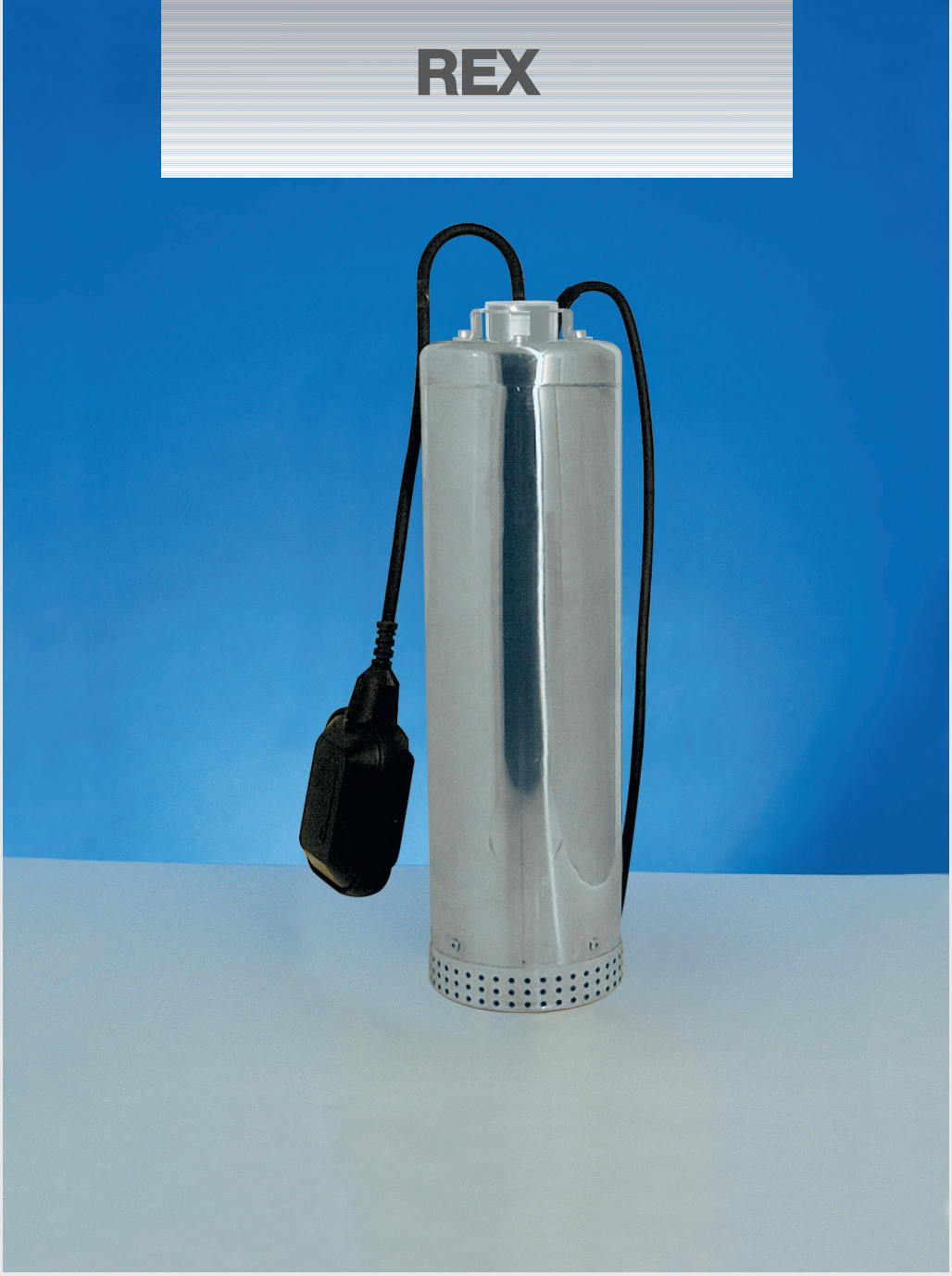
REX



ELETTROPOMPE SOMMERGIBILI MONOBLOCCO MULTISTADIO VERTICALI, PER POZZI DA 6”
VERTICAL SUBMERSIBLE SINGLE BLOCK MULTI STAGE ELECTRIC PUMPS, FOR 6 INCH WELLS

PREVALENZA ..... **: 44 mt. ÷ 76,5 mt.**
PORTATA ..... **: 4,5 m³/h ÷ 9,6 m³/h**
POTENZA NOMINALE : 0,55 kW (0,75HP) **÷ 1,1 kW** (1,5HP)

PUMP HEAD ..... ***: 44 m to 76.5 m***
DELIVERY. ..... ***: 4.5 m³/h to 9.6 m³/h***
RATED HORSEPOWER : 0.55 kW *(0.75HP)* ***to 1.1 kW*** *(1.5HP)*

APPLICAZIONI

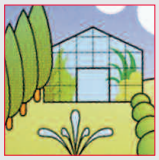
- IMPIANTI PER LA MOVIMENTAZIONE DI ACQUE NEI SETTORI CIVILE ED INDUSTRIALE
- IMPIANTI DI PRESURIZZAZIONE.
- IMPIANTI DI APPROVIGIONAMENTO IDRICODA VASCHE DI PRIMA RACCOLTA, POZZI DA 6”, POZZI ROMANI, BACINI E CORSI D’ACQUA.
- IRRIGAZIONE A PIOGGIA.

APPLICATIONS

- *CIVIL AND INDUSTRIAL WATERS HANDLING PLANTS*
- *PRESSURISATION PLANTS.*
- *WATER SUPPLY FROM RAIN WATER TANKS OR RESERVOIS, 6” WELLS, ROMAN WELLS, BASINS AND WATERCOURSES.*
- *SPRINKLER SYSTEMS.*







ARVEN®

CARATTERISTICHE DI COSTRUZIONE

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETTRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO.
  LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 20.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C.
- VERSIONI REX: Monofase: 220-277V/50Hz o 220-277V/60Hz con protettore termico incorporato e condensatore permanentemente inserito.
  Trifase: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- VERSIONI GPV.RX: Monofase: 220-230V/50Hz con protettore termico incorporato e condensatore permanentemente inserito.
- CAVO STANDARD:

  Monofase: 20 metri H07RN-F per versione normale (aut.-man).
  Trifase: 20 metri H07RN-F

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

DESIGN ENGINEERING

- *OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.*
- *DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH.*
  PUMP FACE: WATER BATH.
- *PERMISSIBLE DRAUGHT OF WATER: 20 m*
- *IP 68 PROTECTION CLASS.*
- *CLASS "F" INSULATION.*
- *MAX. PUMPED LIQUID TEMPERATURE: 35°C*
- *REX VERSIONS: Single Phase: 220-277V/50Hz or 220-277V/60Hz with bulit in thermal protection and permanent capacitor.*
  Three Phase : 220-277V/50Hz or 380-480V/50Hz and 220-277V/60Hz or 380 – 480V / 60Hz with overload protection care of the User.
- *GPV.RX VERSIONS: Single Phase: 220-230V/50Hz with bulit in thermal protection and permanent capacitor.*
- *STANDARD CABLE FEATURES:*

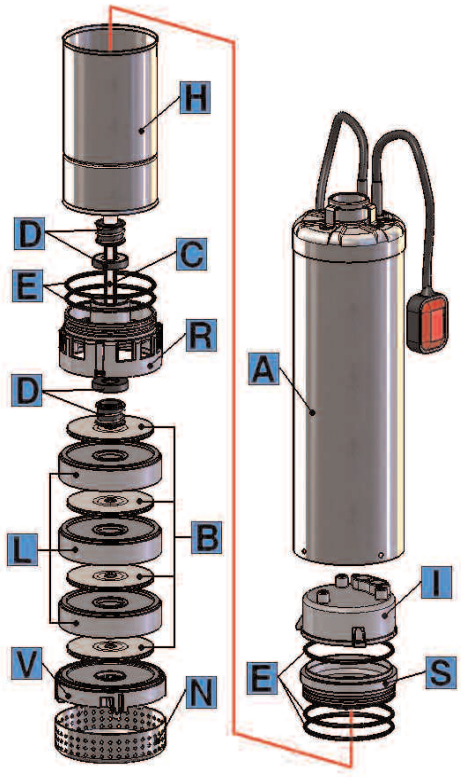
  Single Phase: 20 metres H07RN-F for the standard version (automatic-manual).
  Three Phase: 20 metres H07RN-F

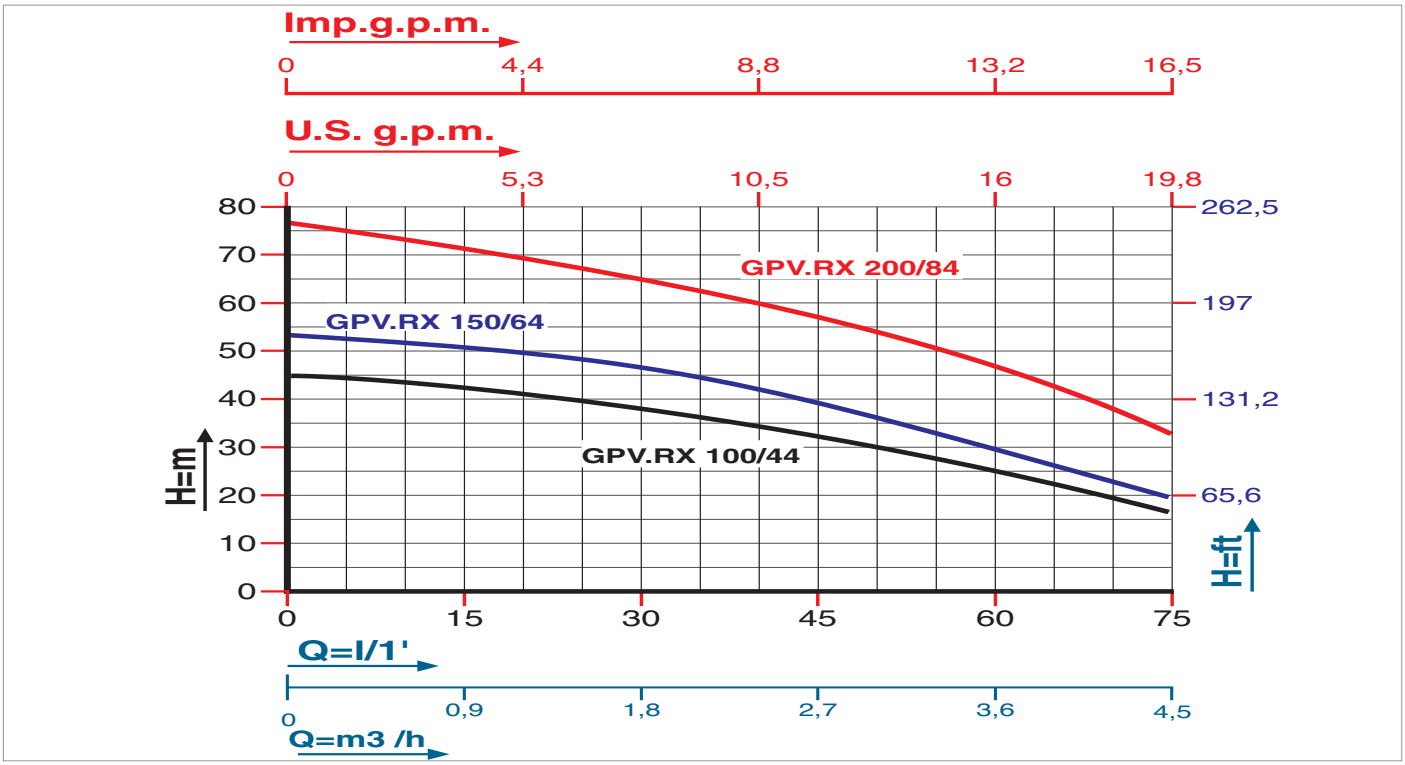
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

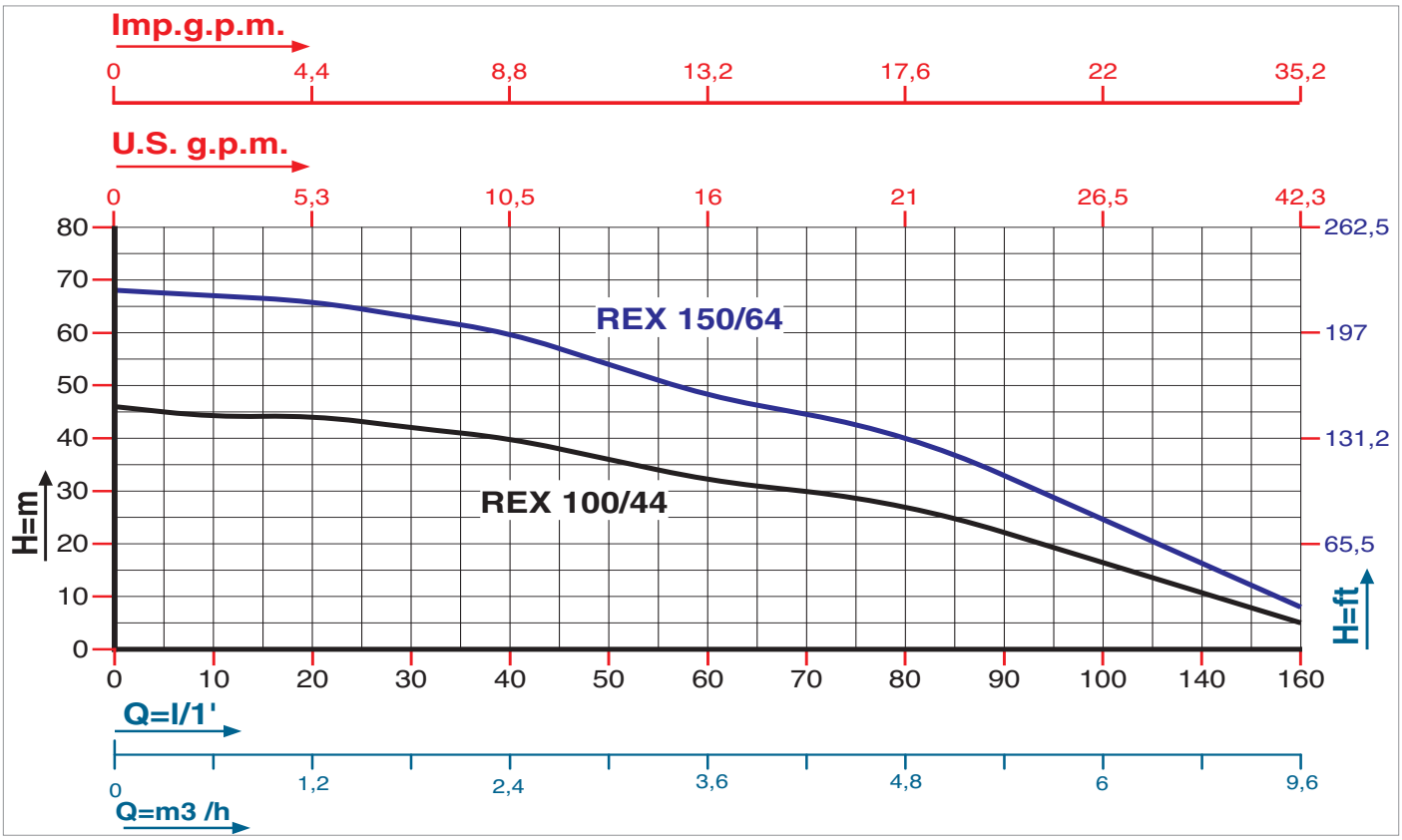
TABELLA MATERIALI / *MATERIALS TABLE:*

Pos.	Componente - *Component*		Materiale - *Materials*
A	Carcassa esterna / *External motor housing*		ACCIAIO INOX AISI 304 - DIN 1.4301 / *STAINLESS STEEL*
B	Giranti / *Impellers*		
C	Albero (lato pompa) / *Shaft (pump side)*		ACCIAIO INOX AISI 303 - DIN 1.4005 / *STAINLESS STEEL*
D	Tenuta meccanica **REX** *REX Mechanical seal*	Lato motore / *Motor face*	GRAFITE-CERAMICA *GRAPHITE - CERAMIC*
		Lato pompa / *Pump face*	
	Tenuta meccanica **GPV.RX** *GPV.RX Mechanical seal*	Lato motore / *Motor face*	CARBURO DI SILICIO *SILICON CARBIDE*
		Lato pompa / *Pump face*	
E	O-ring		NBR
H	Carcassa motore / *Motor housing*		ACCIAIO INOX AISI 304 - DIN 1.4301 / *STAINLESS STEEL*
I	Coperchio / *Cover*	**REX**	IXEF
		GPV.RX	BRONZO *BRONZE*
L	Diffusori + piattelli / *Diffusers + disks*		TECNOPOLIMERO *TECNOPOLYMER*
N	Base d'aspirazione / *Suction base*		ACCIAIO INOX AISI 304 - DIN 1.4301 / *STAINLESS STEEL*
R	Flangia inferiore *Lower support*	**REX**	IXEF
		GPV.RX	BRONZO *BRONZE*
S	Flangia inferiore *Lower support*	**REX**	IXEF
		GPV.RX	BRONZO *BRONZE*
V	Flangia inferiore *Lower support*	**REX**	IXEF
		GPV.RX	BRONZO *BRONZE*

REX 100 - 150
GPV.RX 100 - 150 - 200





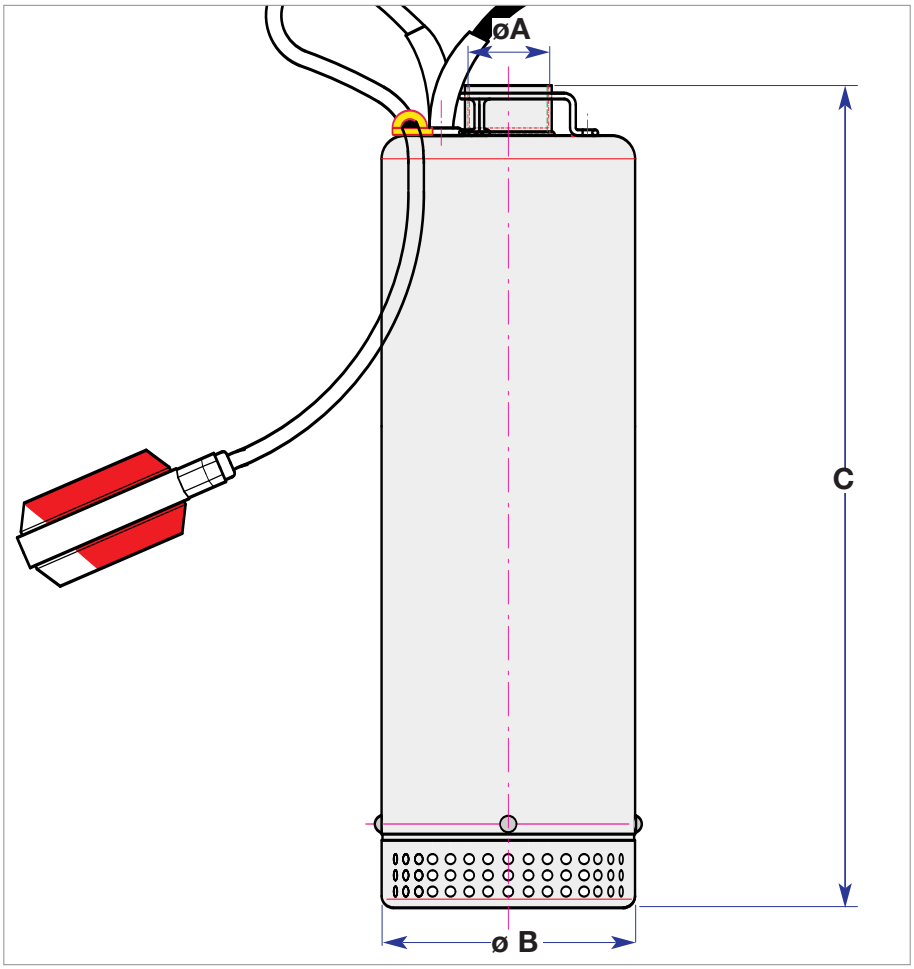


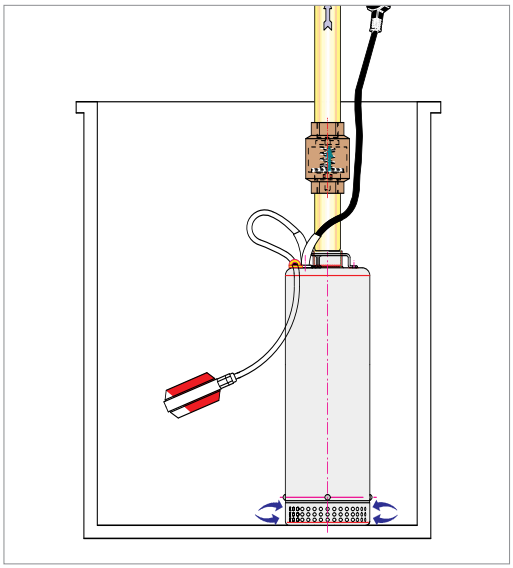
MODELLO *MODEL*	VOLTAGGIO *VOLTAGE*	DATI ELETTRICI / *ELECTRICAL DATA*					
		P1 max	P2 nom.		I max	Condensatore *Capacitor*	
	50 Hz	kW	kW	HP	Ampere	µF	VC
GPV.RX 100/44 M	1 x 220-230V	0,9	0,55	0,75	4,0	20,0	450
GPV.RX 150/64 M	1 x 220-230V	1,1	0,75	1,0	5,0	20,0	450
GPV.RX 200/84 M	1 x 220-230V	1,4	0,9	1,2	6,5	30,0	450
REX 100/44 M	1 x 220-230V	1,6	0,75	1,0	7,4	25,0	450
REX 100/44 T	3 x 380-440V	1,3	0,75	1,0	2,2	---	---
REX 150/64 M	1 x 220-230V	2,1	1,1	1,5	9,5	30,0	450
REX 150/64 T	3 x 380-440V	1,9	1,1	1,5	3,8	---	---

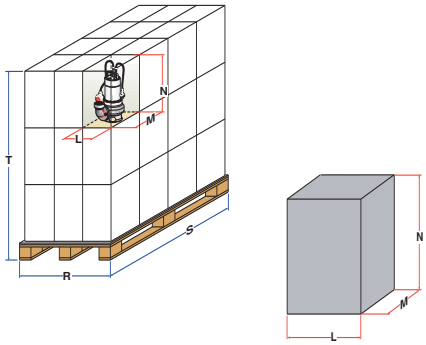
DATI IDRAULICI / *HYDRAULIC DATA*									
m^3/h	0	0,6	1,2	1,8	2,4	3	3,6	4,5	9,6
l/min.	0	10	20	30	40	50	60	75	100
H (m)	**44,0**	**44,5**	**41,5**	**38,5**	**35,0**	**29,5**	**25,0**	**16,0**	**---**
	53,0	**51,5**	**50,0**	**46,5**	**42,0**	**35,0**	**30,0**	**19,0**	**---**
	76,5	**74,0**	**70,0**	**65,0**	**60,0**	**54,0**	**46,0**	**32,5**	**---**
	46,0	**45,0**	**44,0**	**42,0**	**40,0**	**36,0**	**32,0**	**28,5**	**5,0**
	46,0	**45,0**	**44,0**	**42,0**	**40,0**	**36,0**	**32,0**	**28,5**	**5,0**
	68,0	**67,0**	**66,0**	**63,0**	**60,0**	**54,0**	**48,0**	**43,0**	**8,0**
	68,0	**67,0**	**66,0**	**63,0**	**60,0**	**54,0**	**48,0**	**43,0**	**8,0**

PREVALENZA TOTALE in METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.

DIMENSIONI e PESI / *SIZE AND WEIGHT DATA*:







MODELLO / *MODEL*	DIMENSIONI POMPA in mm. / *PUMP DIMENSIONS In mm.*		
	A	B	C
GPV.RX 100/44 M	1" 1/4	130	434
GPV.RX 150/64 M	1" 1/4	130	458
GPV.RX 200/84 M	1" 1/4	130	530
REX 100/44	2"	138,5	446
REX 150/64	2"	138,5	536

MODELLO *MODEL*	DIMENSIONI SCATOLA / *PACKING DIMENSIONS*				DIMENSIONI PALLET / *PALLET DIMENSIONS*				
	L mm	M mm	N mm	Peso / Weight Kg	R mm	S mm	T mm	nr. scatole/*cartons*	Peso / Weight Kg
GPV.RX 100/44	455	210	250	14,6	800	1200	1500	30	465
GPV.RX 150/64	490	210	250	16,5	800	1200	1500	30	520
GPV.RX 200/84	585	210	250	18,8	800	1200	1500	30	590
REX 100/44	600	400	245	14,5	800	1200	1220	25	385
REX 150/64	600	400	245	15,5	800	1200	1220	25	410