



Fiche produit Motralec Arven REX - fiche technique | Motralec

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REX



motralec

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

PREVALENZA : 42 mt. ÷ 88 mt.
PORTATA : 4,8 m³/h ÷ 7,2 m³/h
POTENZA NOMINALE : 0,6 Kw (0,8HP) ÷ 1,5 Kw (2HP)

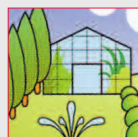
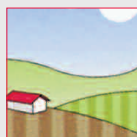
PUMP HEAD : 42 m to 88 m
DELIVERY : 4.8 m³/h to 7.2 m³/h
RATED HORSEPOWER : 0.6 kW (0.8HP) to 1.5 kW (2HP)

APPLICAZIONI

- IMPIANTI PER LA MOVIMENTAZIONE DI ACQUE NEI SETTORI CIVILE ED INDUSTRIALE
- IMPIANTI DI PRESURIZZAZIONE.
- IMPIANTI DI APPROVIGIONAMENTO IDRICO DA 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 RESERVOIRS, 6" WELLS, ROMAN WELLS, BASINS AND WATERCOURSES.
- SPRINKLER SYSTEMS.



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: 50°C
- VERSIONI: Monofase: 220 - 277V/50Hz e 220 - 277V / 60 Hz con protettore termico incorporato e condensatore permanentemente inserito.
Trifase: 220 - 277V/50Hz o 380 - 480V / 50Hz e 220-277V o 380 - 480V / 60Hz con protezione da sovraccarico a cura dell'utente.
- 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

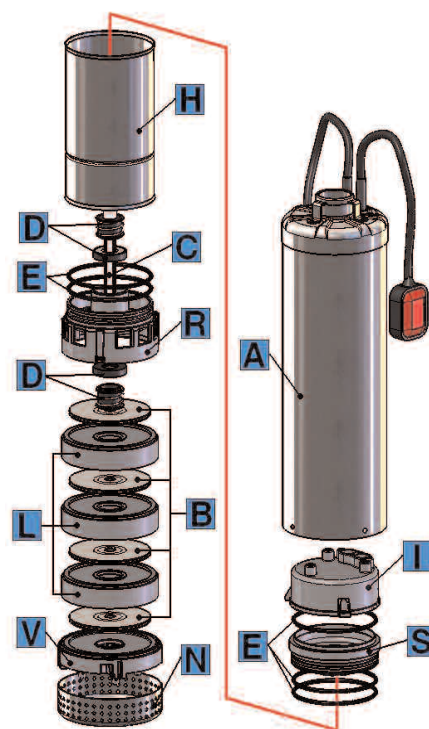
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH.
PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 20 m
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 50°C
- VERSIONS: Single Phase: 220 - 277 V / 50 Hz or 220 - 277V / 60 Hz with built in thermal protection and permanent capacitor.
Three Phase : 220 - 277V / 50 Hz or 380 - 480V / 50Hz and 220-277V or 380 - 480V / 60Hz with overload protection care of the User.
- STANDARD CABLE FEATURES:
Single Phase: 20 metres H07RN-F for the standard version (automatic-manual).
Three Phase: 20 metres H07RN-F

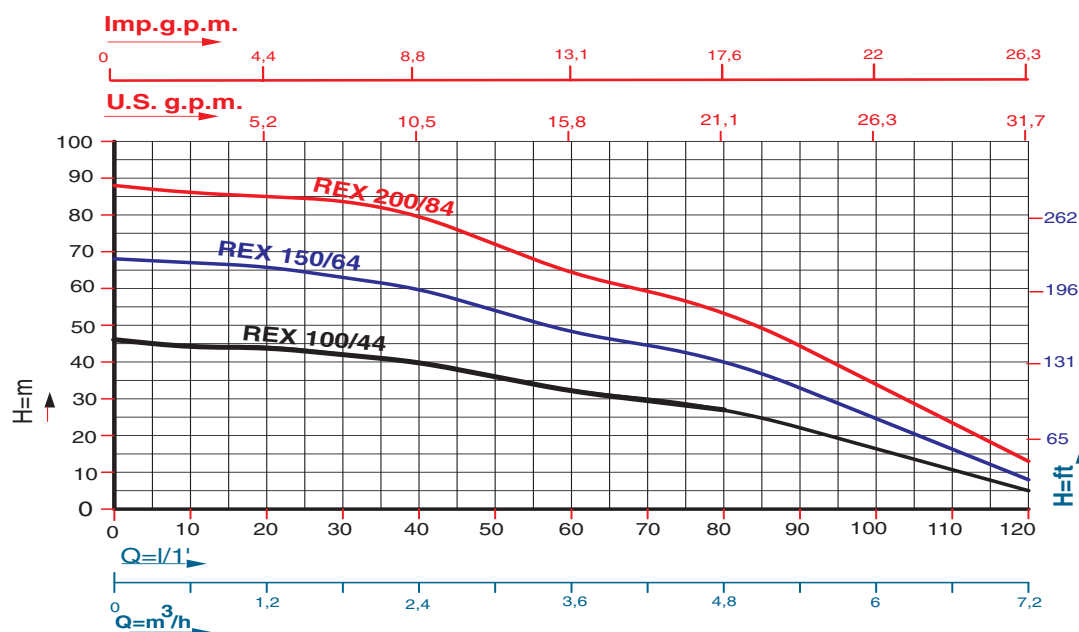
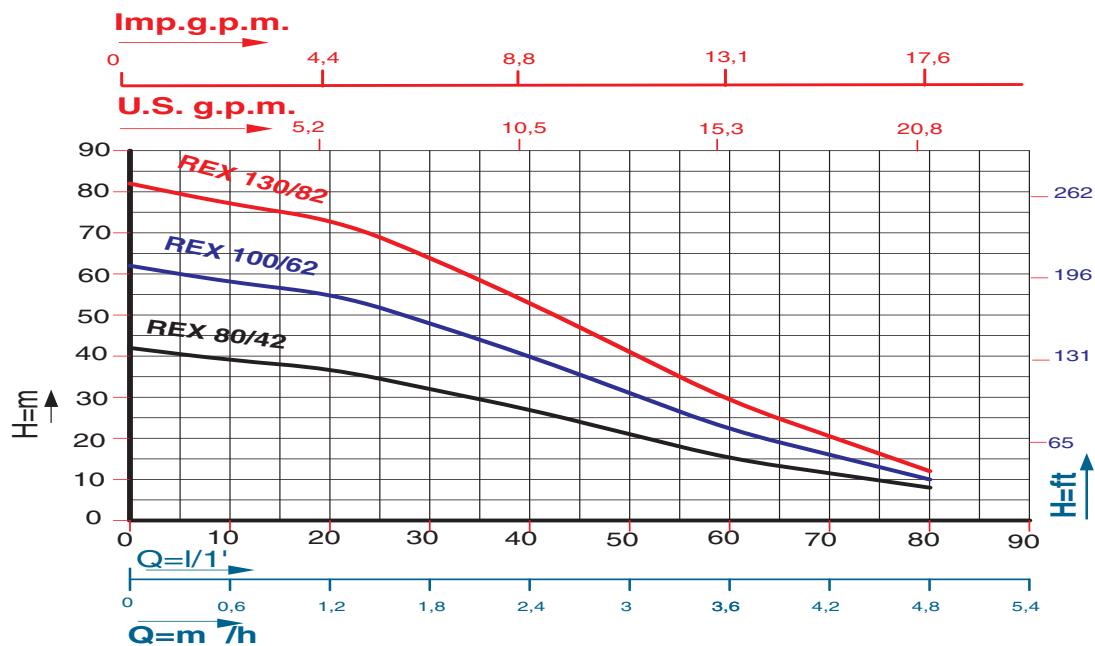
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / <i>Component</i>		Materiale / <i>Materials</i>
A	Carcassa esterna/ <i>External housing</i>		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
B	Giranti / <i>impellers</i>		
C	Albero (lato pompa) / <i>Shaft (pump side)</i>		ACCIAIO INOX AISI 303 DIN 1.4305 STAINLESS STEEL
D	Tenuta meccanica <i>Mechanical seal</i>	Lato pompa / <i>pump side</i>	CARBONE-ALLUMINA <i>CARBIDE-ALUMINA</i>
		Lato motore / <i>Motor side</i>	
E	O-ring		NBR
H	Carcassa motore / <i>Motor housing</i>		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
I	Coperchio / <i>Cover</i>		IXEF
L	Diffusori + piattelli / <i>Diffuser + disks</i>		TECNOPOLIMERO <i>TECNOPOLYMER</i>
N	Base d'aspirazione / <i>Suction base</i>		ACCIAIO INOX AISI 304 DIN 1.4301 STAINLESS STEEL
R	Flangia inferiore / <i>Lower support</i>		IXEF
S	Flangia superiore / <i>Upper support</i>		
V	Convogliatore / <i>Conveyor</i>		

REX 80 - 100 - 130 - 150 - 200

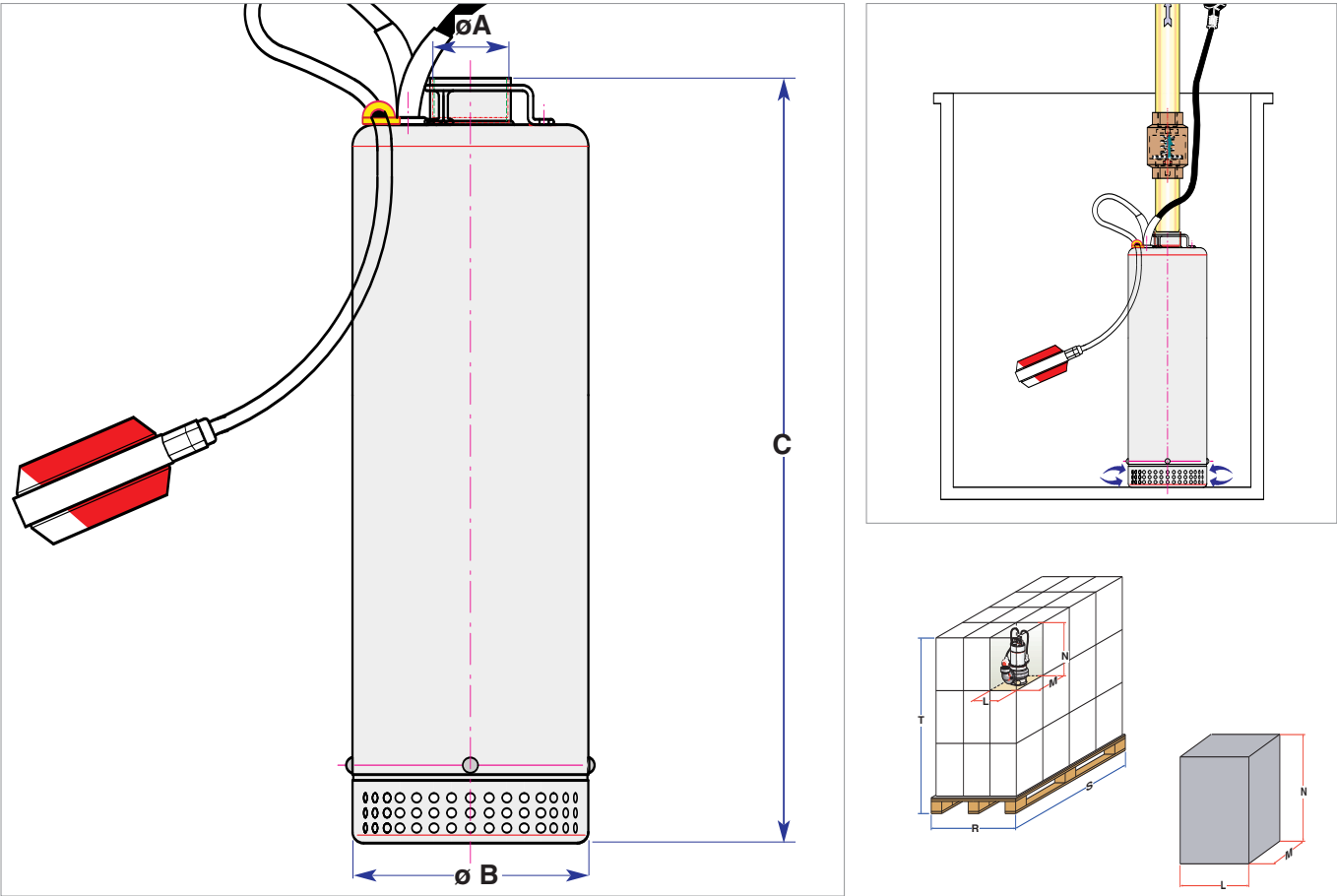




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $p = 1,0 \text{ kg/dm}^3$ ed una viscosità $v = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $p = 1,0 \text{ kg/dm}^3$ density and a $v = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	STADI STAGE	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA									
			P1max	P2 nom.		I max	Condensatore Capacitor		m³/h l/min.	0	0,6	1,2	1,8	2,4	3	3,6	4,8	7,2
			Kw	Kw	HP	Ampere	µF	VC		0	10	20	30	40	50	60	80	120
REX 80/42 M	1 x 220-230V	4	1,2	0,6	0,8	5,0	20	450	H (m) PREVALENZA TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.	42,0	39,0	37,0	32,0	27,0	21,0	15,0	8,0	
REX 100/62 M	1 x 220-230V	6	1,6	0,75	1,0	7,4	25	450		62,0	58,0	55,0	48,0	40,0	31,0	22,0	10,0	
REX 100/62 T	3 x 380-400V	6	1,3	0,75	1,0	2,2	---	---		62,0	58,0	55,0	48,0	40,0	31,0	22,0	10,0	
REX 130/82 M	1 x 220-230V	8	1,8	0,95	1,3	8,5	30	450		82,0	77,0	73,0	64,0	53,0	41,0	29,0	12,0	
REX 130/82 T	3 x 380-400V	8	1,7	0,95	1,3	2,8	---	---		82,0	77,0	73,0	64,0	53,0	41,0	29,0	12,0	
REX 100/44 M	1 x 220-230V	4	1,6	0,75	1,0	7,4	25	450		46,0	45,0	44,0	42,0	40,0	36,0	32,0	27,0	5,0
REX 100/44 T	3 x 380-400V	4	1,3	0,75	1,0	2,2	---	---		46,0	45,0	44,0	42,0	40,0	36,0	32,0	27,0	5,0
REX 150/64 M	1 x 220-230V	6	2,1	1,1	1,5	9,5	30	450		68,0	67,0	66,0	63,0	60,0	54,0	48,0	40,0	8,0
REX 150/64 T	3 x 380-400V	6	1,9	1,1	1,5	3,8	---	---		68,0	67,0	66,0	63,0	60,0	54,0	48,0	40,0	8,0
REX 200/84 M	1 x 220-230V	8	2,6	1,5	2,0	12,0	40	450		88,0	86,0	85,0	84,0	80,0	72,0	64,0	53,0	13,0
REX 200/84 T	3 x 380-400V	8	2,5	1,5	2,0	5,0	---	---		88,0	86,0	85,0	84,0	80,0	72,0	64,0	53,0	13,0

DIMENSIONI / SIZE AND WEIGHT DATA



MODELLO / <i>MODEL</i>	DIMENSIONI POMPA in mm. / <i>PUMP DIMENSIONS</i> in mm.									
	A	B	C							
REX 80/42 M	1 1/4"	138,5	446							
REX 100/62 M	1 1/4"	138,5	536							
REX 100/62 T	1 1/4"	138,5	536							
REX 130/82 M	1 1/4"	138,5	625							
REX 130/82 T	1 1/4"	138,5	625							
REX 100/44 M	1 1/4"	138,5	446							
REX 100/44 T	1 1/4"	138,5	446							
REX 150/64 M	1 1/4"	138,5	536							
REX 150/64 T	1 1/4"	138,5	536							
REX 200/84 M	1 1/4"	138,5	625							
REX 200/84 T	1 1/4"	138,5	625							

MODELLO / <i>MODEL</i>	DIMENSIONI SCATOLA / <i>PACKING DIMENSIONS</i>				DIMENSIONI PALLET / <i>PALLET DIMENSIONS</i>				
	L	M	N	Peso / Weight Kg.	R	S	T	nr.	Peso / Weight Kg.
	mm.	mm.	mm.		mm.	mm.	mm.	scatole/cartons	
REX 80/42 M	600	400	245	13,5	800	1200	1220	25	360
REX 100/62 M	600	400	245	15	800	1200	1220	25	400
REX 100/62 T	600	400	245	15	800	1200	1220	25	400
REX 130/82 M	740	400	245	16	800	1200	1500	18	313
REX 130/82 T	740	400	245	16	800	1200	1500	18	313
REX 100/44 M	600	400	245	14,5	800	1200	1220	25	385
REX 100/44 T	600	400	245	14,5	800	1200	1220	25	385
REX 150/64 M	600	400	245	15,5	800	1200	1220	25	410
REX 150/64 T	600	400	245	15,5	800	1200	1220	25	410
REX 200/84 M	740	400	245	17	800	1200	1500	18	331
REX 200/84 T	740	400	245	17	800	1200	1500	18	331

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Arven REX

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