

Fiche produit Motralec Arven Kontract 180 250 English - fiche technique | Motralec

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KONTRACT
180 - 250



ELETTROPOMPE SOMMERGIBILI DRENAGGIO PER CANTIERISTICA
SUBMERSIBLE ELECTRIC PUMPS FOR CONSTRUCTION WORK SITE DRAINAGE

PREVALENZA : 17,5 mt. ÷ 18,5 mt.
PORTATA : 30 m³/h ÷ 36 m³/h
POTENZA NOMINALE : 1,1 kW (1,5HP) ÷ 1,8 kW (2,5HP)

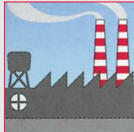
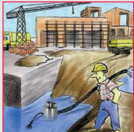
PUMP HEAD : 17,5 mt ÷ 18,5 mt
DELIVERY : 30,0 m³/h ÷ 36,0 m³/h
RATED HORSEPOWER : 1,1 kW (1,5HP) ÷ 1,8 kW (2,5HP)

APPLICAZIONI

- DRENAGGIO DI CANTIERI EDILI E DI CUNICOLI.
- IDONEE PER IL PROSCIUGAMENTO DI SCANTINATI E BOX.
- MOVIMENTAZIONE DI ACQUE MODERATAMENTE CARICHE CONTENENTI MATERIALI ANCHE ABRASIVI, IMPIANTI DI IRRIGAZIONE, ACQUE PIOVANE E DI FALDA.

APPLICATIONS

- WORK SITE, TRENCH DUCTS AND UNDERGROUND PASSAGE PUMP OUT
- SUITED TO CELLAR, GARAGE AND BASAMENT PUMP OUT.
- HANDLING OF MODERATELY FOUL WATER WITH MATERIAL AND/OR ABRASIVE MATERIAL CONTENTS.



ARVEN
WATER PUMPS

CARATTERISTICHE DI COSTRUZIONE:

- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. LATO POMPA A BAGNO D'ACQUA.
- IMMERSIONE MASSIMA: mt. 5.
- GRADO DI PROTEZIONE IP 68.
- CLASSE DI ISOLAMENTO: F.
- TEMPERATURA MAX. LIQUIDO POMPATO: 35°C .
- PASSAGGIO LIBERO: 10 mm.
- MONOFASE 220 - 277V/50Hz o 220 - 277V / 60 Hz:
 - con protettore termico incorporato e condensatore permanentemente inserito. (HP 1,5)
 - con protettore termico incorporato e quadro elettrico in materiale plastico completo di condensatore e interruttore. (HP 2,5)
- TRIFASE: 220-277V/50Hz o 380-480V/50Hz e 220-277V/60Hz o 380-480V/60Hz con protezione da sovraccarico a cura dell'utente.
- POTENZA MOTORE:
da 1,1 kW (1,5 HP) a 1,8 kW (2,5HP) versioni monofase e trifase.
- VERSIONI MONOFASI: automatiche con galleggiante.
 manuali senza galleggiante.
- CAVO STANDARD (CON GALLEGGIANTE MANUALE):
 Monofase: 10 metri H07RN-F senza spina. (HP 1,5)
 10 metri H07RN-F completa di quadro elettrico con spezzone cavo 0,7 metri senza spina. (HP 2,5)
 Trifase: 10 metri H07RN-F senza spina.

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

ACCESSORI DISPONIBILI A RICHIESTA:

- QUADRO ELETTRICO MONOFASE CON 2 CONDENSATORI (AVVIO/MARCIA).
- QUADRO ELETTRICO TRIFASE DI PROTEZIONE E COMANDO AUTOMATICO A MEZZO DI GALLEGGIANTE ELETTROMECCANICO .
- GALLEGGIANTE 10-20 mt. DI CAVO.
- RACCORDI E PORTA GOMMA RAPIDI DA 2" e 3" IN ALLUMINIO RAPIDO.

DESIGN ENGINEERING:

- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC OIL) FOR COOLING AND BEARING LUBRICATION.
- DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. PUMP FACE: WATER BATH.
- PERMISSIBLE DRAUGHT OF WATER: 5 m.
- IP 68 PROTECTION CLASS.
- CLASS "F" INSULATION.
- MAX. PUMPED LIQUID TEMPERATURE: 35°C.
- BY PASS SECTION: 10 mm.
- SINGLE PHASE 220 - 277V/50Hz or 220 - 277V / 60 Hz:
 - with built in thermal protection and permanent capacitor. (HP 1,5)
 - with built in thermal protection and plastic casing power supply box comprising capacitor and switch. (HP 2,5)
- THREE PHASES: 220-277V/50 Hz or 380-480V/50Hz and 220-277V/60Hz or 380-480V/60Hz with overload protection care of the User.
- MOTOR POWER:
From 1,1 kW(1,5 HP) to 1,5 kW (2,5HP) single phase and three phase versions.
- SINGLE PHASE VERSIONS: automatic version with floater.
 manual version without floater.
- STANDARD CABLE FEATURES (WUTH MANUAL FLOATER):
 Single Phase: 10 metres H07RN-F without plug. (HP 1,5)
 10 metres H07RN-F complete with power supply box 0.7 m cable section, without connection plug. (HP 2,5)
 Three phase: 10 metres H07RN-F without plug.

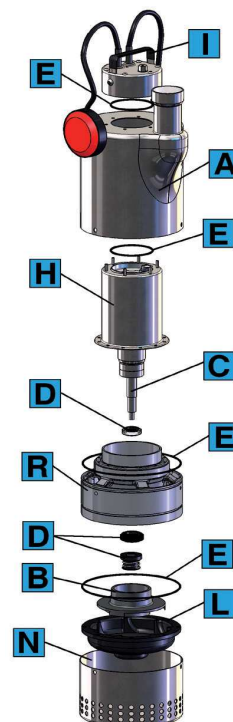
CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

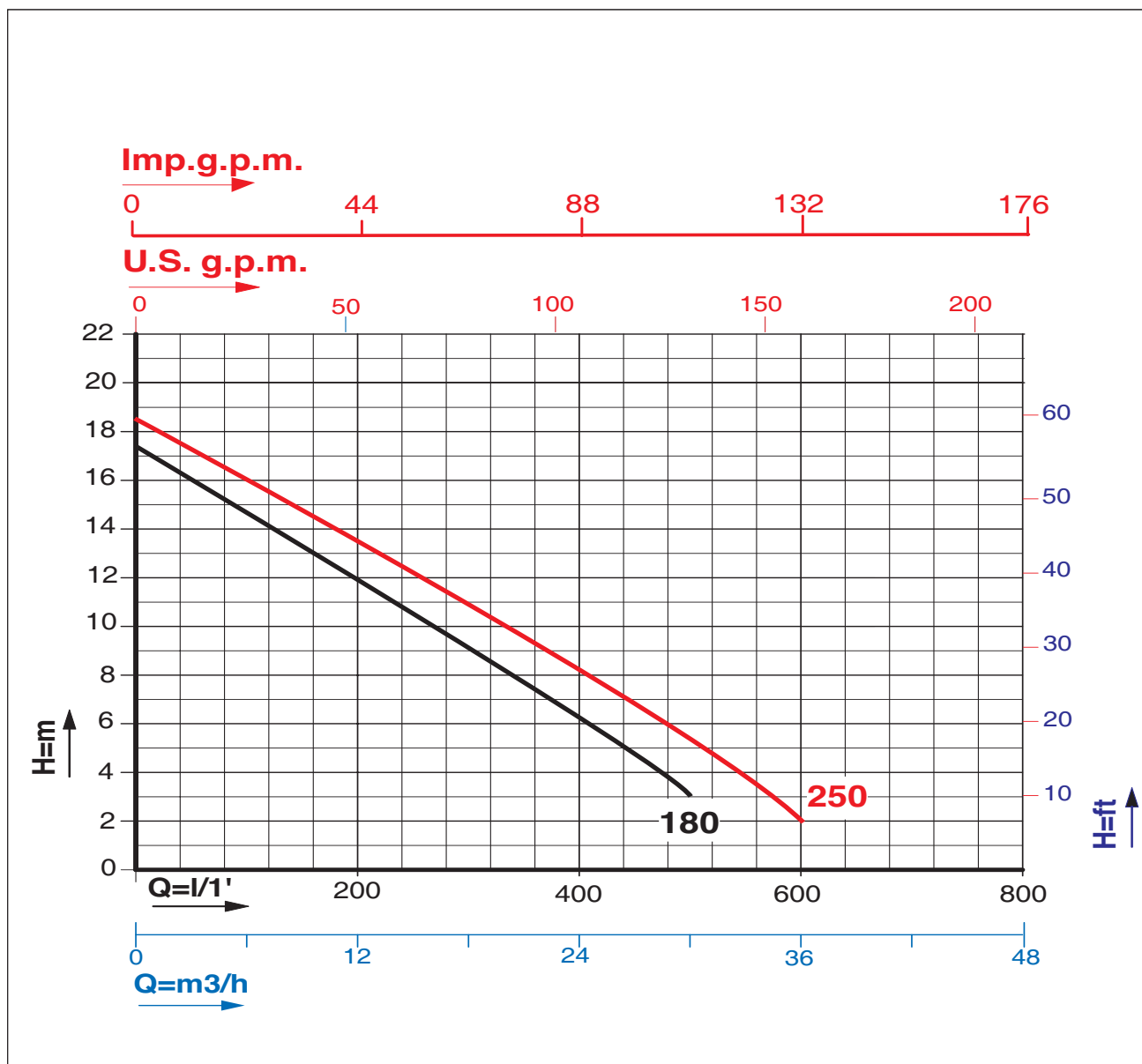
ACCESSORIES AVAILABLE ON DEMAND:

- SINGLE PHASE ELECTRICAL BOX WITH 2 CAPACITORS (STARTER/RUN).
- THREE PHASES ELECTRICAL SAFETY POWER SUPPLY BOX WITH AUTOMATIC ELECTROMECHANICAL FLOATER CONTROLS.
- FLOATER CABLE: 10-20 metres.
- 2" AND 3" QUICK-UNION ALUMINIUM CONNECTORS AND RUBBER PIECE HOLDERS.

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	Girante / Impeller		ACCIAIO INOX SPECIALE SPECIAL STAINLESS STEEL
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Doppia tenuta meccanica Double mechanical seal	Lato pompa / Pump face	CARBURIO DI SILICIO-CERAMICA / SILICON CARBIDE-CERAMIC
		Lato motore / Motor face	GRAFITE-CERAMICA GRAPHITE-CERAMIC
E	O-ring		NBR
H	Carcassa motore / Motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
I	Coperchio / Cover		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
L	Diffusore / Diffuser		HNBR CON ANIMA ACCIAIO HNBR WITH CORE STEEL
N	Base aspirazione / Suction base		ACCIAIO INOX AISI 304 - DIN 1.4301 / STAINLESS STEEL
R	Flangia inferiore / Lower flange		ALLUMINIO CON TRATTAMENTO SPECIALE ALUMINIUM WITH SPECIAL TREATMENT

KONTRACT 180 - 250



Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz

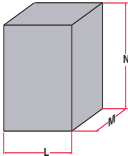
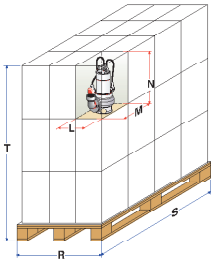
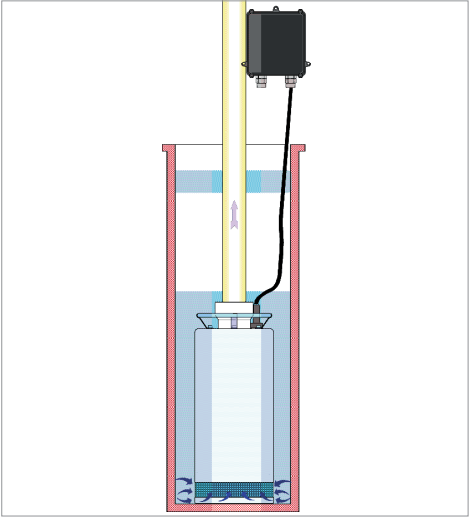
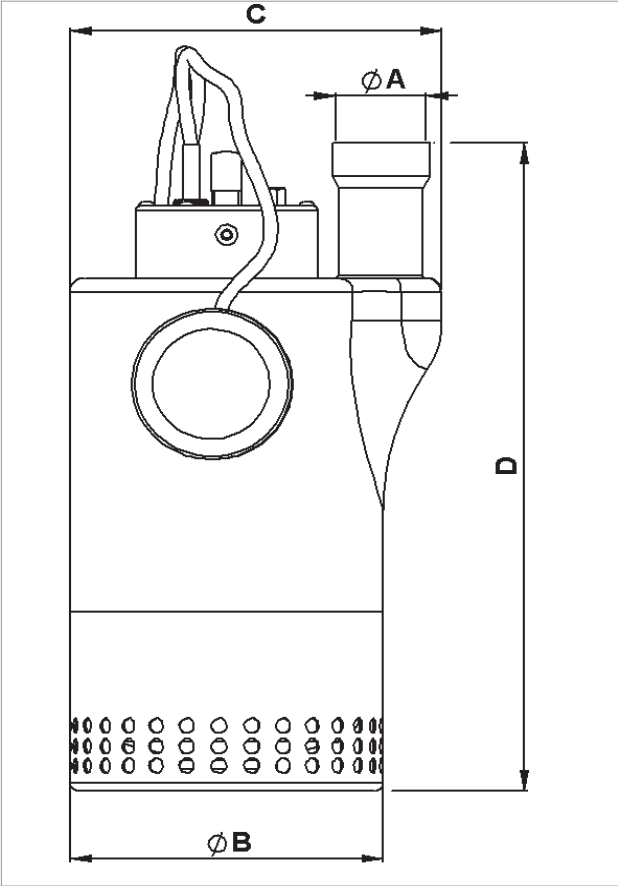
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

MODELLO MODEL	VOLTAGGIO VOLTAGE 50 Hz	DATI ELETTRICI / ELECTRICAL DATA						DATI IDRAULICI / HYDRAULIC DATA						
		P1 max	P2 nom.		I max	Condensatore Capacitor		m³/h	0	3	12	21	3036	600
		kW	kW	HP	Ampere	µF	VC	l/min.	0	50	200	350	500	
KONTRACT 180 M	1 x 220-230V	2,2	1,1	1,5	9,5	30,0	450	H (m)	17,5	16,0	12,0	8,0	3,0	
KONTRACT 180 T	3 x 380-400V	2,0	1,1	1,5	3,3	---	---		17,5	16,0	12,0	8,0	3,0	
KONTRACT 250 M	1 x 220-230V	3,0	1,8	2,5	13,5	40,0	450		18,5	17,0	14,0	9,5	5,0	2,0
KONTRACT 250 T	3 x 380-400V	2,8	1,8	2,5	4,6	---	---		18,5	17,0	14,0	9,5	5,0	2,0

PREVALENZA TOTALE IN METRI
TOTAL PUMP HEAD AND
WATER COLUMN HEIGHT IN M.

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

DIMENSIONI E PESI / SIZE AND WEIGHT DATA:



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.			
	A	B	C	D
KONTRACT 180 M	2"	203	230	446
KONTRACT 180 T	2"	203	230	446
KONTRACT 250 M	2"	203	230	446
KONTRACT 250 T	2"	203	230	446

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.
KONTRACT 180 M	650	370	260	21,0	800	1200	1450	20	420
KONTRACT 180 T	650	370	260	21,0	800	1200	1450	20	420
KONTRACT 250 M	650	370	260	25,0	800	1200	1450	20	500
KONTRACT 250 T	650	370	260	25,0	800	1200	1450	20	500

Besoin d'un prix ou d'un conseil technique ?

Arven KONTRACT 180 250 English

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- Devis rapide et conseil technique par nos spécialistes
- Plus de 200 000 références et 30 marques distribuées
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- Livraison partout en France, accompagnement avant et après-vente

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