



Fiche produit Motralec Arven CUTTER - fiche technique | Motralec

■ **DEMANDE DE PRIX RAPIDE** : <https://www.motralec.com/demandeContact>

CUTTER



ELETTROPOMPE SOMMERGIBILI TRITURATRICI PER ACQUE SPORCHE E CARICHE SUBMERSIBLE ELECTRIC GRINDER PUMPS FOR FOUL AND HEAVY WASTE WATER

PREVALENZA : 19 mt. ÷ 23,5 mt.
PORTATA : 15 m³/h ÷ 21 m³/h
POTENZA NOMINALE : 1,1 Kw (1,5HP) ÷ 2,25 Kw (3HP)

PUMP HEAD : 19 m to 23.5 m
DELIVERY : 15 m³/h to 21 m³/h
RATED HORSEPOWER : 1.1 kW (1.5HP) to 2.25 kW (3HP)

APPLICAZIONI

- POMPAGGIO E TRITURAZIONE DI ACQUE LURIDE CON CORPI SOLIDI E PARTI FIBROSE
- SVUOTAMENTO DI FOSSE DI DECANTAZIONE POZZI NERI POZZI DI RACCOLTA LIQUAMI
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO E INDUSTRIALE

APPLICATIONS

- GRINDING AND PUMP OUT OF LAVATORY/FOUL WATER WITH FLOATING SOLIDS AND FIBRE SUSPENSIDS.
- DECANATION PIT, SEWAGE PIT AND SLURRY COLLECTION PIT PUMP OUT
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.

motralec

4 rue Lavoisier · ZA Lavoisier · 95223 HERBLAY CEDEX
Tel. : 01.39.97.65.10 / Fax. : 01.39.97.68.48

Demande de prix / e-mail : service-commercial@motralec.comwww.motralec.com

CARATTERISTICHE DI COSTRUZIONE

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
- MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
- ANELLO DI TENUTA LATO MOTORE.
- 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: 25°C PARZIALMENTE immersa
50°C TOTALMENTE immersa
- VERSIONI: Monofase: 220 - 277V/50Hz o 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.
- POTENZA MOTORE: DA 1,5 Hp a 2 Hp VERSIONI MONOFASE E TRIFASE.
DA 3 Hp solo VERSIONI TRIFASE.
- VERSIONI MONOFASI AUTOMATICHE SOLO FINO A 1,5 HP.
- CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man).
Trifase: 10 metri H07RN-F
- QUADRO ESTERNO + CAVO CON SPINA PER CUTTER 140 VERSIONE MONOFASE

SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN50 PER IMPIANTI FISSI (VEDERE PAGINA 84)

DESIGN ENGINEERING

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
- OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
- SEALING RING - ENGINE FACE.
- 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:
25°C with PARTIALLY submerged pump.
50°C with TOTALLY submerged pump.
- VERSIONS: Single Phase: 220 - 277 V / 50 Hz or 220 - 277V / 60 Hz with built in thermal protection and permanent capacitor.
Three Phase: 220 - 277 V / 50 Hz or 380 - 480V / 50Hz and 220-277V or 380 - 480V / 60Hz with overload protection care of the User.
- MOTOR POWER: From 1.5 HP to 2 HP single phase and three phase versions.
From 3 HP only three phase versions.
- AUTOMATIC SINGLE PHASE VERSIONS ONLY UP TO 1.5 HP.
- STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual).
Three Phase: 10 metres H07RN-F
- EXTERNAL CONTROL BOARD + CABLE WITH PLUG FOR CUTTER 140 SINGLE PHASE VERSION

CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

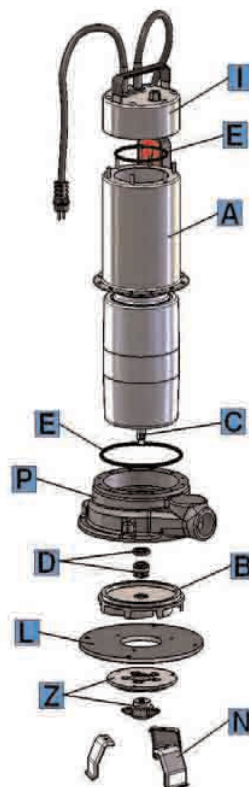
OPTIONAL:

- DOWN STROKE GUIDE RAIL SYSTEMS DN50 FOR FIXED PLANTS (SEE PAGE 84)

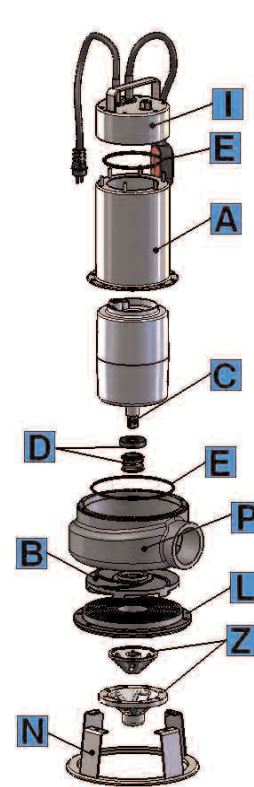
TABELLA MATERIALI / MATERIALS TABLE:

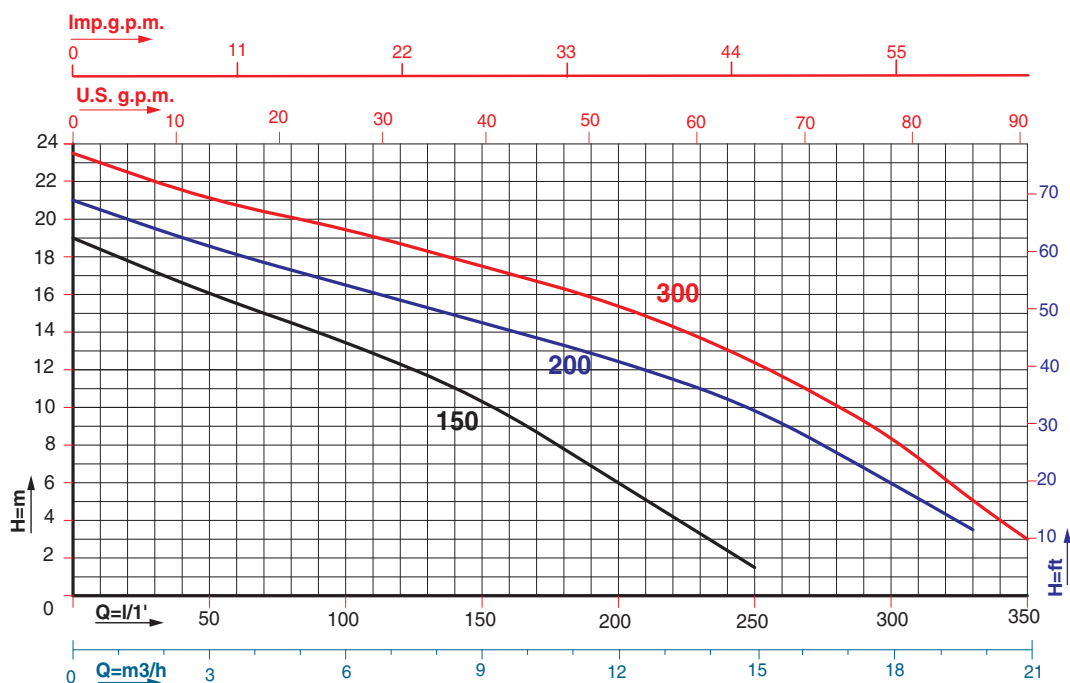
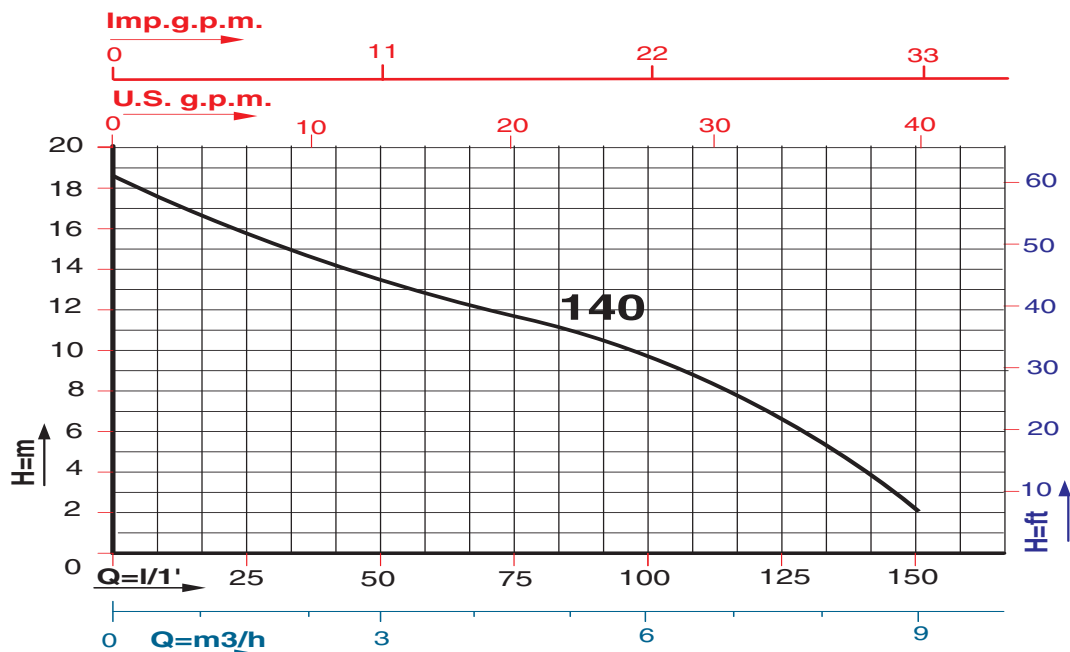
Pos.	Componente / <i>Component</i>		Materiale / <i>Materials</i>
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / <i>Impeller</i>		GHISA G20 / CAST IRON
C	Albero (lato pompa) / <i>Shaft (pump side)</i>		ACCIAIO INOX AISI 316 - DIN 1.4401 STAINLESS STEEL
D	Tenuta meccanica <i>Mechanical seal</i>	Lato pompa / <i>Pump face</i>	CARBURIO DI SILICIO-ALLUMINA <i>SILICON CARBIDE-ALUMINA</i>
		Lato motore / <i>Motor face</i>	CARBONE ALLUMINA <i>COAL ALUMINA</i>
E	O-Ring		NBR
I	Coperchio + maniglia / <i>Cover + handle</i>		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
L	Diffusore / <i>Pump body</i>		GHISA (G20) CAST IRON
P	Corpo pompa / <i>Pump body</i>		
N	Base d'appoggio / <i>Grid holder</i>		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
Z	Sistema tritratore / <i>Grinder system</i>		ACCIAIO INOX AISI 440C - DIN 1.4125 STAINLESS STEEL

CUTTER 140



CUTTER 150-200-300

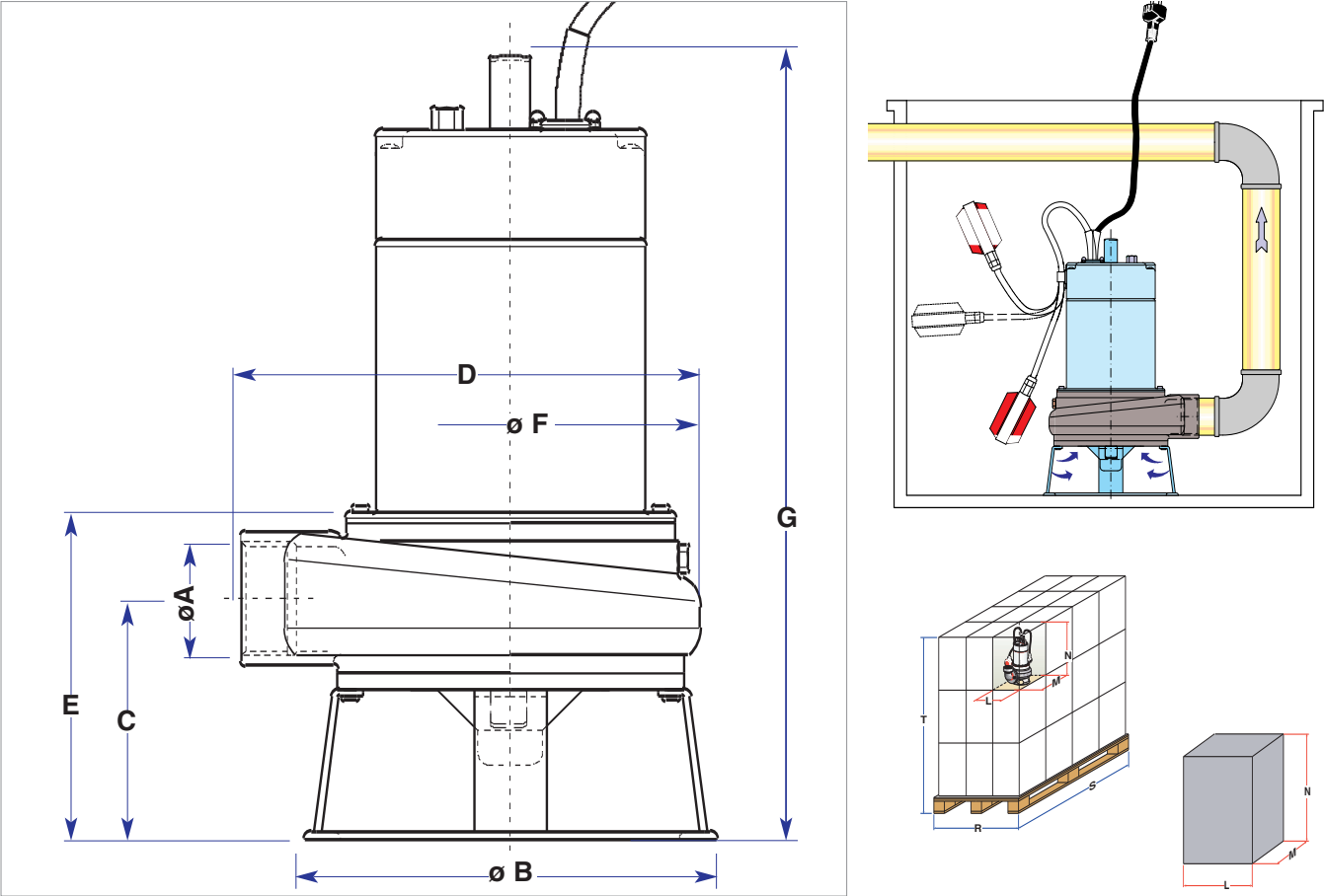




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $\rho = 1,0 \text{ kg/dm}^3$ ed una viscosità $\nu = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ 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 Kw	P2 nom. Kw	I max HP	I max Ampere	Condensatore μF	Capacitor VC	m³/h	0	3	6	9	12	15	18	19,8	21
CUTTER 140 M	1 x 220-230V	1,6	1,1	1,5	7,1	30	450	l/min.	0	50	100	150	200	250	300	330	350
CUTTER 140 T	3 x 380-400V	1,3	1,1	1,5	3,0	---	---	H (m)	19,0	16,2	10,8	2,0					
CUTTER 150 M	1 x 220-230V	2,2	1,1	1,5	10,5	40	450		19,0	16,2	10,8	2,0					
CUTTER 150 T	3 x 380-400V	2,0	1,1	1,5	4,0	---	---		19,0	16,0	13,5	10,5	6,0	1,5			
CUTTER 200 M	1 x 220-230V	2,9	1,5	2,0	13,0	50	450		21,0	18,5	16,5	14,5	12,5	10,0	6,0	3,5	
CUTTER 200 T	3 x 380-400V	2,5	1,5	2,0	4,5	---	---		21,0	18,5	16,5	14,5	12,5	10,0	6,0	3,5	
CUTTER 300 T	3 x 380-400V	3,4	2,25	3,0	6,0	---	---		23,5	21,0	19,5	17,5	15,5	12,5	8,5	5,0	3,0

DIMENSIONI / SIZE AND WEIGHT DATA



MODELLO / <i>MODEL</i>	DIMENSIONI POMPA in mm. / <i>PUMP DIMENSIONS in mm.</i>								
	A	B	C	D	E	F	G	H	I
CUTTER 140 M	1" 1/2	225	102,5	213,5	126	156	356		
CUTTER 140 T	1" 1/2	225	102,5	213,5	126	156	356		
CUTTER 150 M	2"	225	131,5	260	165	215	425		
CUTTER 150 T	2"	225	131,5	260	165	215	425		
CUTTER 200 M	2"	225	131,5	260	165	215	425		
CUTTER 200 T	2"	225	131,5	260	165	215	425		
CUTTER 300 T	2"	225	131,5	260	165	215	425		

MODELLO / <i>MODEL</i>	DIMENSIONI SCATOLA / <i>PACKING DIMENSIONS</i>				DIMENSIONI PALLET / <i>PALLET DIMENSIONS</i>				
	L mm.	M mm.	N mm.	Peso / Weight Kg.	R mm.	S mm.	T mm.	nr. scatole/cartons	Peso / Weight Kg.
CUTTER 140 M	260	300	530	22,5	800	1200	1750	36	774
CUTTER 140 T	260	300	530	22,5	800	1200	1750	36	774
CUTTER 150 M	260	300	530	25,5	800	1200	1750	36	945
CUTTER 150 T	260	300	530	25,5	800	1200	1750	36	1050
CUTTER 200 M	260	300	530	28,5	800	1200	1750	36	1050
CUTTER 200 T	260	300	530	28,5	800	1200	1750	36	1050
CUTTER 300 T	260	300	530	29	800	1200	1750	36	1070

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

Arven CUTTER

★★★★★ 4,7/5 . +600 avis Google

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

[DEMANDER UN PRIX >](#)