



Fiche produit Motralec Arven Skipper F - fiche technique | Motralec

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SKIPPER F



motralec

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Demande de prix / e-mail : service-commercial@motralec.comwww.motralec.com**ELETTROPOMPE SOMMERGIBILI VORTEX PER ACQUE CARICHE, DOTATE DI CONTROFLANGIA
SUBMERSIBLE VORTEX ELECTRIC PUMPS FOR WASTE WATER, FEATURING A COUNTER FLANGE**

PREVALENZA : 7 mt. ÷ 15,5 mt.
PORTATA : 15,6 m³/h ÷ 75 m³/h
POTENZA NOMINALE : 0,6 Kw (0,8HP) ÷ 3,0 Kw (4HP)
PASSAGGIO SOLIDI FINO A 80 mm.

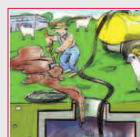
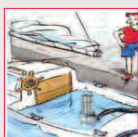
PUMP HEAD : 7 m to 15.5 m
DELIVERY : 15.6 m³/h to 75 m³/h
RATED HORSEPOWER : 0.6 kW (0.8HP) to 3.0 kW (4HP)
SOLID MATTER BYPASS up to 80 mm

APPLICAZIONI

- SVUOTAMENTO DI FOSSE DI DECANTAZIONE, POZZI DI RACCOLTA LIQUAMI.
- POMPAGGIO DI ACQUE LURIDE ANCHE CON CORPI SOLIDI IN SOSPENSIONE.
- MOVIMENTAZIONE DI ACQUE LURIDE AD USO DOMESTICO ED INDUSTRIALE.

APPLICATIONS

- DECANTATION PIT, SLURRY COLLECTION PIT PUMP OUT.
- PUMP OUT OF LAVATORY/FOUL WATER WITH POSSIBLE FLOATING SOLIDS CONTENTS.
- DOMESTIC AND INDUSTRIAL LAVATORY/BLACK WATER HANDLING SYSTEMS.

**ARVEN**

CARATTERISTICHE DI COSTRUZIONE:

- ELETTOPOMPA A DOPPIA CAMERA (MOTORE, TENUTA MECCANICA).
 - ELETTOPOMPA A UNICA CAMERA (SOLO PER SKIPPER 400F).
 - MOTORE A BAGNO D'OLIO (BIODEGRADABILE E DIELETRICO) PER RAFFREDDAMENTO E LUBRIFICAZIONE CUSCINETTI.
 - ANELLO DI TENUTA LATO MOTORE.
 - TENUTA MECCANICA A BAGNO D'OLIO.
 - DOPPIA TENUTA MECCANICA: LATO MOTORE A BAGNO D'OLIO. (SOLO PER SKIPPER 400F) 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 con pompa PARZIALMENTE immersa.
50°C con pompa TOTALMENTE immersa
 - PASSAGGIO LIBERO: 45 mm. - SKIPPER 80F - 100F
60 mm. - SKIPPER 150F - 200F
80 mm. - SKIPPER 300F - 400F
 - 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.
 - POTENZA MOTORE: da 0,6 Kw (0,8 HP) a 1,5 Kw (2 HP) versione mono fase e trifase.
da 2,2 Kw (3 HP) a 3 Kw (4 HP) solo versione trifase
 - VERSIONI MONOFASI AUTOMATICHE fino a 1,1 Kw (1,5 HP).
 - VERSIONI MONOFASI da 1,5 Kw (2 HP) solo manuali senza galleggiante.
 - CAVO STANDARD:
Monofase: 10 metri H07RN-F per versione normale (aut.-man.)
5 metri H07RN-F solo per versione automatica.
Trifase: ..10 metri H07RN-F
- SPECIALI VOLTAGGI E FREQUENZE A RICHIESTA.

OPTIONAL:

- SISTEMI DI DISCESA DN50-DN80 PER IMPIANTI FISSI (VEDERE PAGINA 85)

DESIGN ENGINEERING:

- DOUBLE CHAMBER ELECTRIC PUMP (MOTOR, MECHANICAL SEAL).
 - SINGLE CHAMBER ELECTRIC PUMP (ONLY FOR SKIPPER 400F).
 - OIL BATH MOTOR (BIODEGRADABLE AND DIELECTRIC) FOR COOLING AND BEARING LUBRICATION.
 - SEALING RING - ENGINE FACE.
 - OIL BATH MECHANICAL SEALS.
 - DOUBLE MECHANICAL SEALS: ENGINE FACE: OIL BATH. (ONLY SKIPPER 400F) 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.
 - BY PASS SECTION: 45 mm. - SKIPPER 80F - 100F
60 mm. - SKIPPER 150F - 200F
80 mm. - SKIPPER 300F - 400F
 - 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.
 - MOTOR POWER: From 0.6 kW (0,8 HP) to 1.5 kW (2 HP) single phase and three phase versions.
From 2.2 kW (3 HP) to 3 kW (4 HP) Only three phase versions
 - AUTOMATIC SINGLE PHASE VERSIONS up to 1.1 kW (1.5 HP).
 - SINGLE PHASE VERSIONS from 1.5 kW (2 HP) only manual, without float
 - STANDARD CABLE FEATURES:
Single Phase: 10 metres H07RN-F for the standard version (automatic-manual)
5 metres H07RN-F only for the automatic version.
Three Phase: 10 metres H07RN-F
- CUSTOMISED VOLTAGE AND FREQUENCY RATING AVAILABLE ON DEMAND.

OPTIONAL:

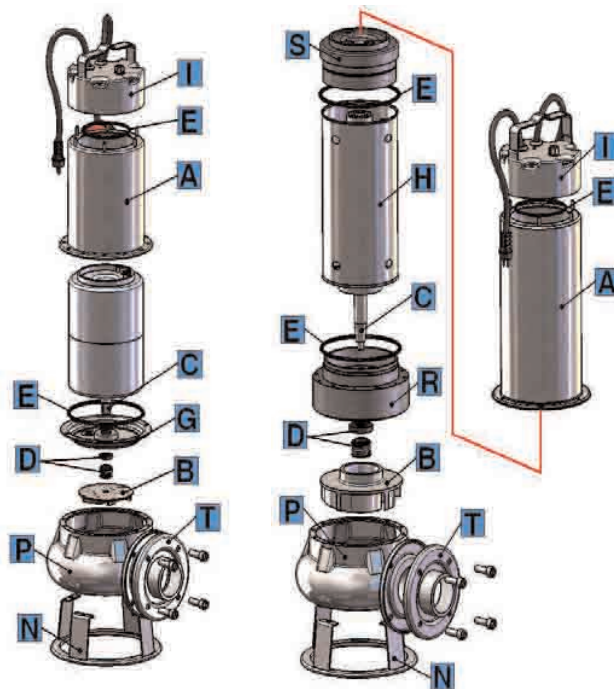
- DOWN STROKE GUIDE RAIL SYSTEMS DN50-DN80 FOR FIXED PLANTS (SEE PAGE 85)

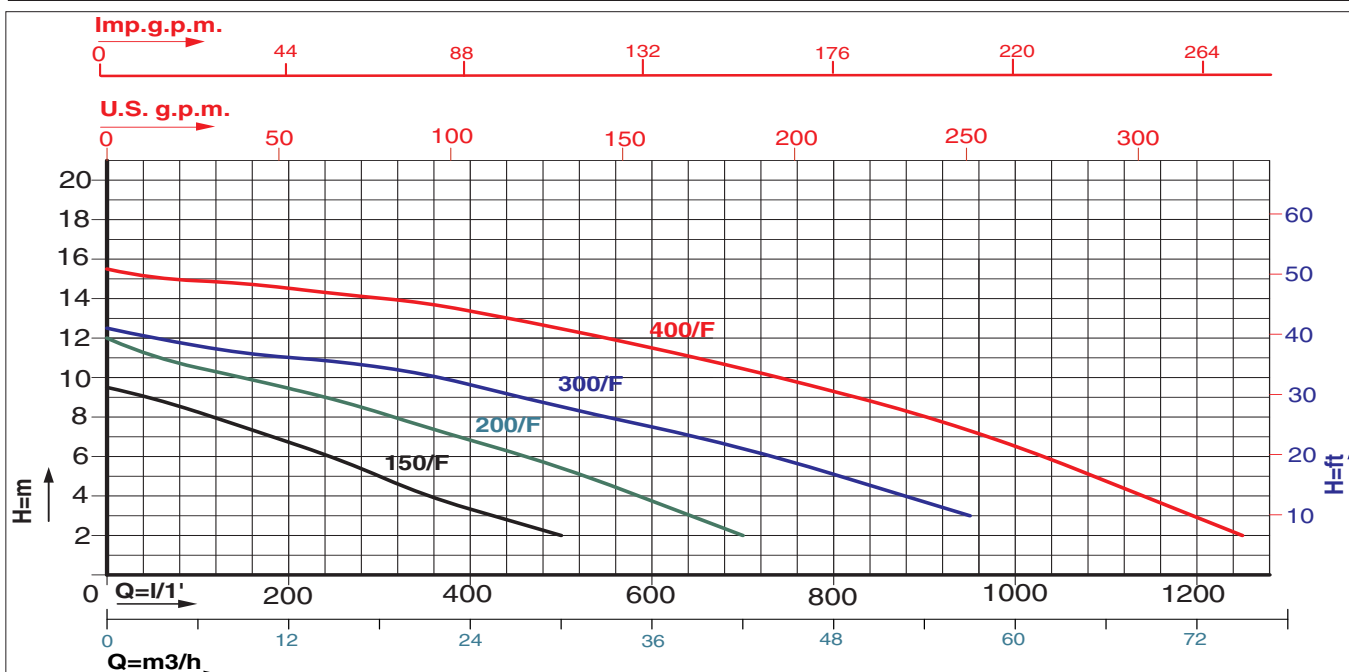
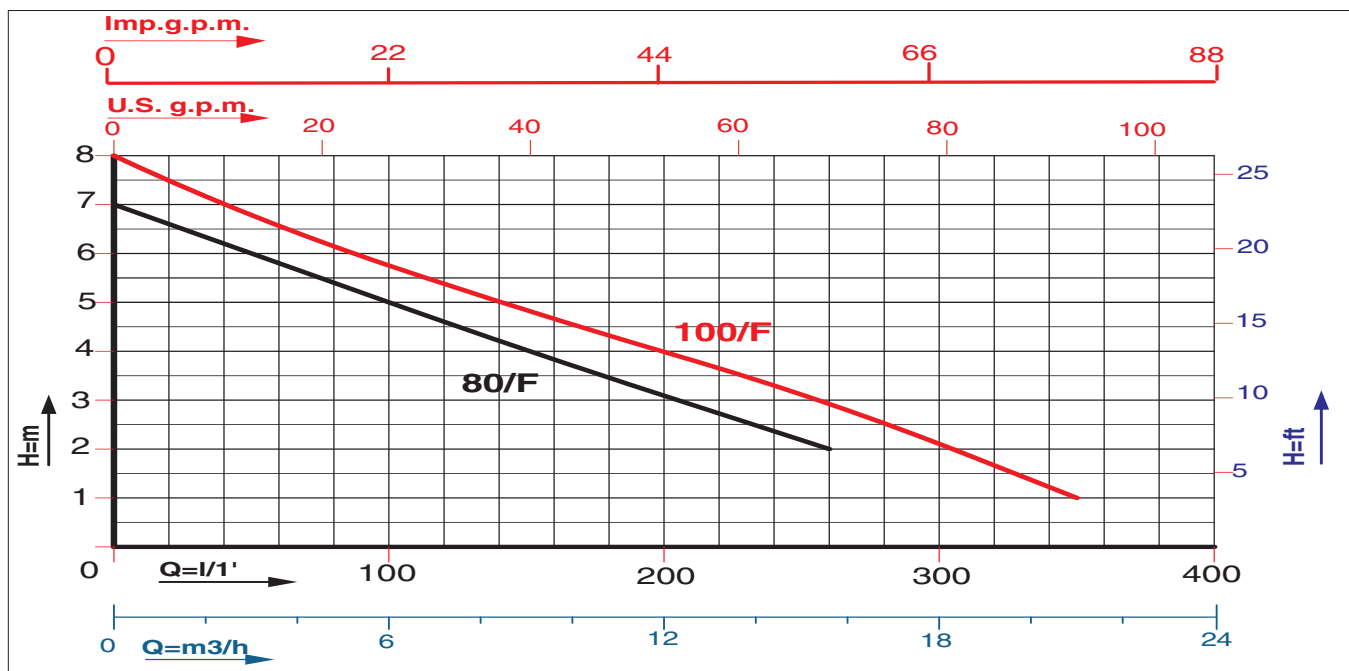
SKIPPER 150F - 200F - 300F

SKIPPER 400F

TABELLA MATERIALI / MATERIALS TABLE:

Pos.	Componente / Component		Materiale / Materials
A	Carcassa esterna / External housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
B	Girante / Impeller		
C	Albero (lato pompa) / Shaft (pump side)		ACCIAIO INOX AISI 316 - DIN 1.4401 / STAINLESS STEEL
D	Tenuta meccanica / Mechanical Seal	Lato pompa / Pump face	CARBURIO DI SILICIO-CARBURIO DI SILICIO/SILICON CARBIDE-SILICON CARBIDE
		Lato motore Motor face	SKIPPER 150F 200F - 300F ANELLO DI TENUTA NBR NBR SEAL RING
			SKIPPER 400F CARBONE - ALLUMINA CARBIDE - ALUMINA
E	O - ring		NBR
G	Porta motore / Motor holder		
H	Cassa motore / Motor housing		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
I	Coperchio + maniglia / Cover + handle		
R	Flangia portamotore inferiore / Lower motor flange		GHISA (G20) CAST IRON
S	Flangia portamotore superiore / Upper motor-flange		
P	Corpo pompa / Pump body		ACCIAIO INOX AISI 304 - DIN 1.4301 STAINLESS STEEL
N	Base d'appoggio / Base holder		
T	Controflangia d'aspirazione / Suction counter-flange		

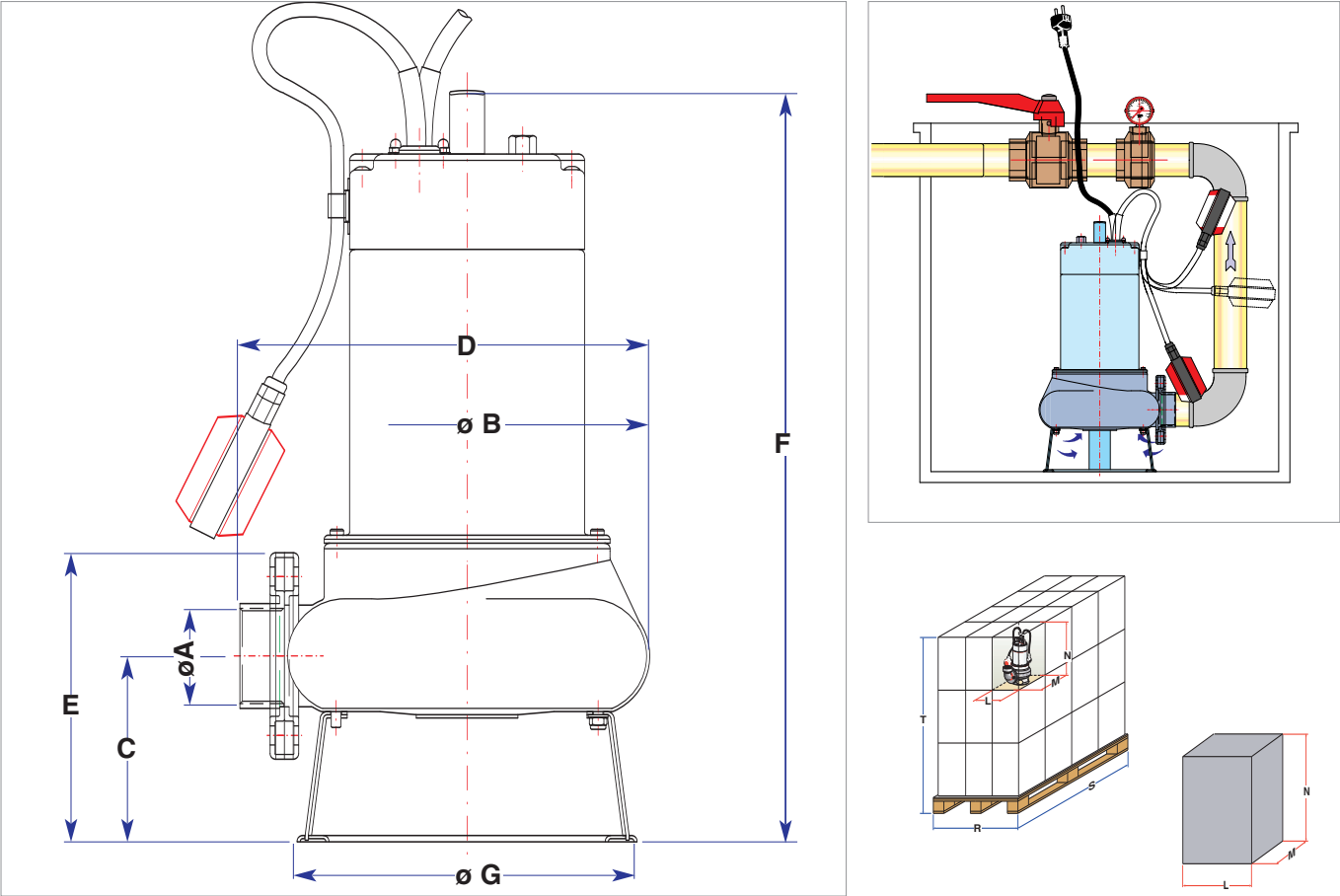




Caratteristiche di funzionamento a 2800 rpm 50Hz e 3450 rpm 60Hz - Performances at 2800 rpm 50 Hz and 3450 rpm 60 Hz
Le prestazioni valgono per liquidi con densità $p = 1,0 \text{ kg/dm}^3$ ed una viscosità $v = 1 \text{ mm}^2/\text{s}$ / The performance data holds true for liquids with a $p = 1,0 \text{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

MODELLO <i>MODEL</i>	VOLTAGGIO <i>VOLTAGE</i> 50 Hz	DATI ELETTRICI / <i>ELECTRICAL DATA</i>						DATI IDRAULICI / <i>HYDRAULIC DATA</i>										
		P1max	P2 nom.		I max	Condensatore <i>Capacitor</i>		m³/h l/min.	0	3	9	15,6	21	30	42	54	65	
		Kw	Kw	HP	Ampere	µF	VC											
SKIPPER 80F M	1 x 220-230V	1,1	0,6	0,8	4,5	16	450	H (m) PREVALENZA TOTALE IN METRI COLONNA ACQUA / TOTAL PUMP HEAD AND WATER COLUMN HEIGHT IN m.	7,0	6	4,0	2,0						
SKIPPER 80F T	3 x 380-400V	0,9	0,6	0,8	2,0	---	---		7,0	6	4,0	2,0						
SKIPPER 100F M	1 x 220-230V	1,5	0,75	1,0	6,5	20	450		8,0	6,7	4,8	3,0	1,0					
SKIPPER 100F T	3 x 380-400V	1,3	0,75	1,0	2,2	---	---		8,0	6,7	4,8	3,0	1,0					
SKIPPER 150F M	1 x 220-230V	2,1	1,1	1,5	9,5	40	450		9,5	9	7,5	5,8	4,0	2,0				
SKIPPER 150F T	3 x 380-400V	1,8	1,1	1,5	3,2	---	---		9,5	9	7,5	5,8	4,0	2,0				
SKIPPER 200F M	1 x 220-230V	2,7	1,5	2,0	12,5	50	450		12,0	11,0	10,0	8,8	7,5	5,5	2,0			
SKIPPER 200F T	3 x 380-400V	2,6	1,5	2,0	4,8	---	---		12,0	11,0	10,0	8,8	7,5	5,5	2,0			
SKIPPER 300F T	3 x 380-400V	3,5	2,25	3,0	6,5	---	---		12,5	12,0	11,2	10,8	10,2	8,5	6,5	3,0		
SKIPPER 400F T	3 x380- 400V	4,5	3	4,0	8,5	---	---		15,5	15,0	14,8	14,2	13,8	12,5	10,5	7,5	2,0	

DIMENSIONI / SIZE AND WEIGHT DATA



MODELLO / MODEL	DIMENSIONI POMPA in mm. / PUMP DIMENSIONS in mm.								
	A	B	C	D	E	F	G	H	I
SKIPPER 80F M	2"	164	108	217	155	381	180		
SKIPPER 80F T	2"	164	108	217	155	381	180		
SKIPPER 100F M	2"	164	108	217	155	381	180		
SKIPPER 100F T	2"	164	108	217	155	381	180		
SKIPPER 150F M	2 1/2"	253	116,5	260	192	473	214		
SKIPPER 150F T	2 1/2"	253	116,5	260	192	473	214		
SKIPPER 200F M	2 1/2"	253	116,5	260	192	473	214		
SKIPPER 200F T	2 1/2"	253	116,5	260	192	473	214		
SKIPPER 300F T	3"	253	127	278	217	515	214		
SKIPPER 400F T	3"	253	127	278	217	641	214		

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.
SKIPPER 80F M	190	230	410	10,5	800	1200	1370	60	655
SKIPPER 80F T	190	230	410	10,5	800	1200	1370	60	655
SKIPPER 100F M	190	230	410	11,5	800	1200	1370	60	715
SKIPPER 100F T	190	230	410	11,5	800	1200	1370	60	715
SKIPPER 150F M	260	300	530	19	800	1200	1750	36	709
SKIPPER 150F T	260	300	530	19	800	1200	1750	36	709
SKIPPER 200F M	260	300	530	22,5	800	1200	1750	36	835
SKIPPER 200F T	260	300	530	22,5	800	1200	1750	36	835
SKIPPER 300F M	260	300	550	23	800	1200	1810	36	850
SKIPPER 400F T	720	400	260	39	800	1200	900	9	380

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

Arven SKIPPER F

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